EVERGEAR
DRIVING MACHINE

浙江恒齿传动股份有限公司
ZHE JIANG EVERGEAR DRIVE CO.,LTD.

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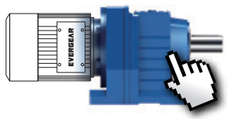
Electromechanical Pioneer Park,Wanquan Town,
Pingyang County,Wenzhou,Zhejiang

www.evergear.com.cn

本产品目录中提供的信息只是对产品的一般说明和特性介绍。文中内容可能与实际应用的情况有所出入，并且可能会随着产品的进一步开发而发生变化。仅当相关合同条款中有明确规定时，恒齿方有责任提供文中所述的产品特性。

The information contained in this catalog is only an introduction to the general descriptions and features of the product. In this paper, the content may differ with the practical application, And it may change with further product development. Only when has explicitly stipulated in the relevant contract terms, permanent teeth have a responsibility With the features of the product described herein.



EVERGEAR

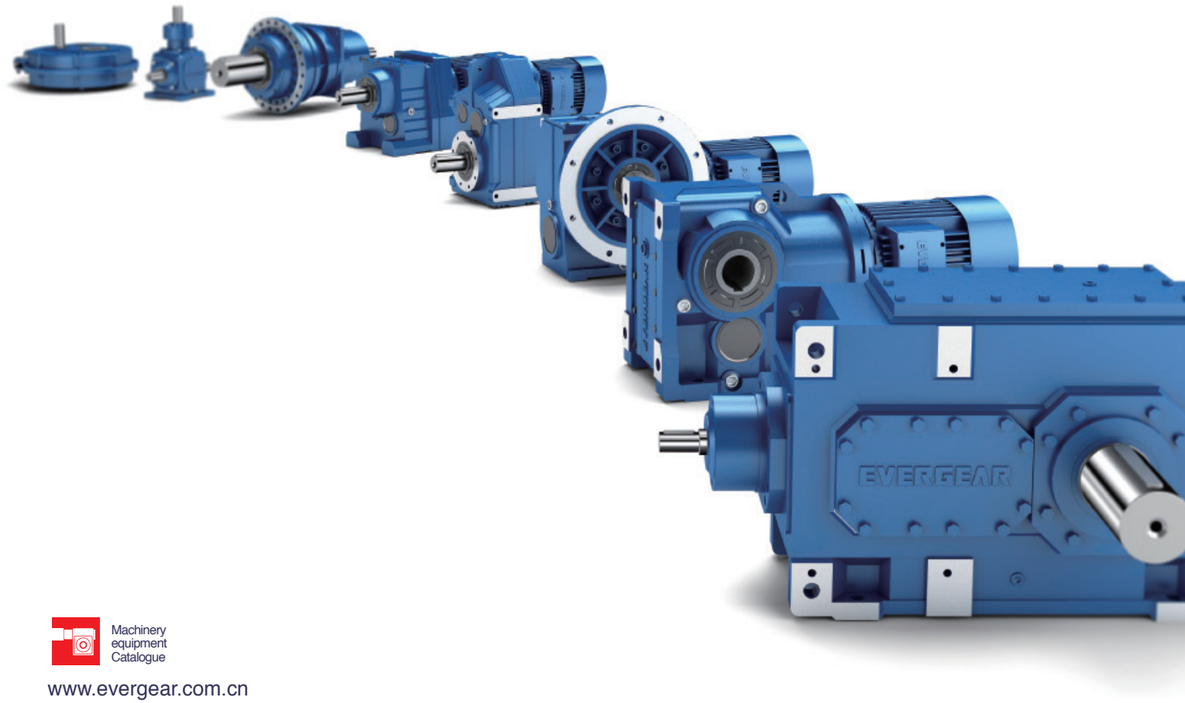
2023 产品目录
PRODUCT CATALOG

减速电机 DRIVING MACHINE

EVERGEAR

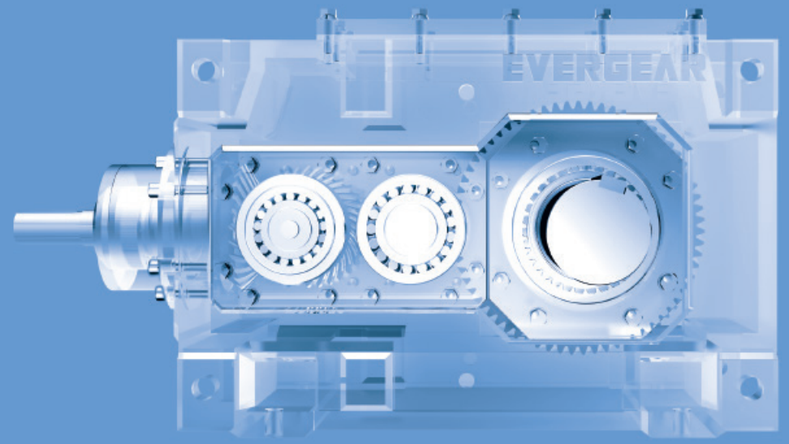
恒齿减速电机产品目录

Evergear Driving Machine



Machinery
equipment
Catalogue

www.evergear.com.cn



EVERGEAR
Driving Machine Sincerely Provides Comprehensive Solutions For You

恒齿传动为您提供全方位解决方案

作为一个集研发、生产于一身的企业，恒齿传动公司致力于国际、国内减速机设备的研制、开发和数字化设计为国内外各个行业的机械传动提供专业的设计方案。

恒齿传动在硬件设施方面有足够骄傲的资本，从整体误差测量仪，跳动检测仪、齿轮蜗轮双面检查仪到代表国际顶级水平的高效、高精度的磨齿机及各类数控机床，都给了产品质量最好的物质基础。

As a research development and production enterprise , EVERGEAR company devotes to international and domestic reducer equipments research, development and digital design solutions for mechanical transmission in all kinds of industries.

EVERGEAR has enough hardware equipments, from the gear integrated error test instruments, gear runout detector , gear and worm gear double contact test instruments to the world advanced level, with high efficiency and high precision grinding tooth machine and all kinds of CNC machine tools etc.

COMPANY PROFILE

浙江恒齿传动股份有限公司是一家集减速机产品研发、生产制造、销售服务于一体的国家高新技术企业。

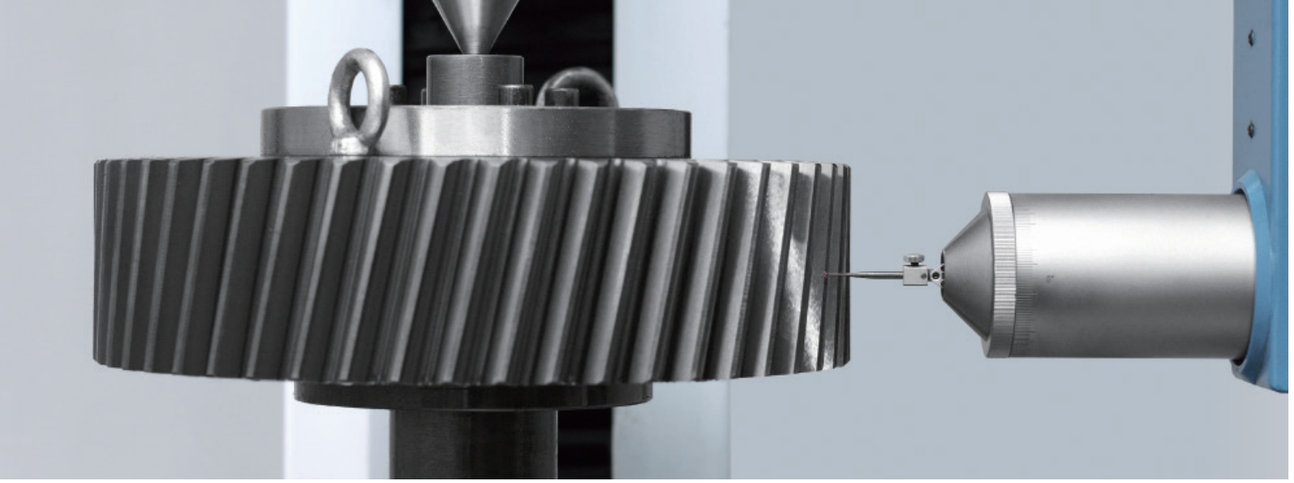
公司的主导产品有：ER、EK、EF、ES、EH/EB、Q、Z等12种系列产品，产品配套功率0.18~4000KW，近万种传动比，系列化的“恒齿”产品供客户选择。通过了ISO9001质量管理体系、ISO14001环境管理体系、GB/T28001职业健康安全管理体系和欧盟CE认证。公司坚持科技创新，具有“省级高新技术企业研究开发中心”，在上海设立开发中心，致力于国际、国内减速机设备的研制、开发和数字化设计，目前取得5项发明专利，45项实用新型专利。公司作为中国减速机标准化委员会委员单位，获评为“国家星火计划实施单位”、“品字标浙江制造”、“浙江省科技型企业”、“浙江省专利示范企业”、“中国行业减速机十大品牌”、“浙江省企业成长之星”等荣誉称号。

我们秉承“恒之以心，齿之以恒”的理念，热忱欢迎国内外新老朋友，莅临恒齿公司参观指导。

Zhejiang EVERGEAR Drive Co.,LTD is a National High-Tech Enterprise which focuses in Gear reducer R&D, manufacturing, sales, and service of reducer products.

Company Leading products: ER, EK. EF, ES, EH/EB, Q, Z, etc twelve series. Motor power range: 0.18 ~ 4000KW, nearly ten thousand ratios and serial “EVERGEAR” products are for your choice.The company has been certified through ISO9001 Quality System, ISO14001 Environmental Management System, GB/T28001 Occupational Health and Safety Management System and CE Certification. The company aims to scientific and develops technological innovation. The company has a provincial high-tech enterprise research and development center. The company sets up a development center in Shanghai, and is committed to the research, development and digital design of reducer equipment at home and abroad. At present, it has obtained 5 invention patents and 45 utility model patents. As a member of China gear reducer Standardization Committee, the company has been awarded “National Spark Program Implementation Unit”, “Good Quality Brand in Zhejiang” “Science and Technology Enterprise in Zhejiang Province”, “Patent Demonstration Enterprise in Zhejiang Province”,“Top 10 brands of gear reducer industry in China”,“Zhejiang Province Growing Star Enterprise” and other honorary titles.

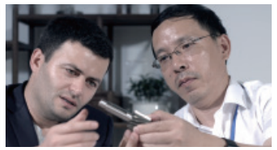
We are adhering to the “Persist in heart, Persistent gears” concept, warmly welcome new and old friends domestically and abroad markets come to visit our company.



CNC workshop
数控车间

Painting workshop
烤漆车间

Production workshop
生产车间



Customer service
客户服务

Precision grinding
精密磨齿

Assembly line
装配流水线

Painting line
喷漆流水线

Waste gas environmental treatment
废气环保处理

先进的生产设备是确保产品质量最好的物质基础

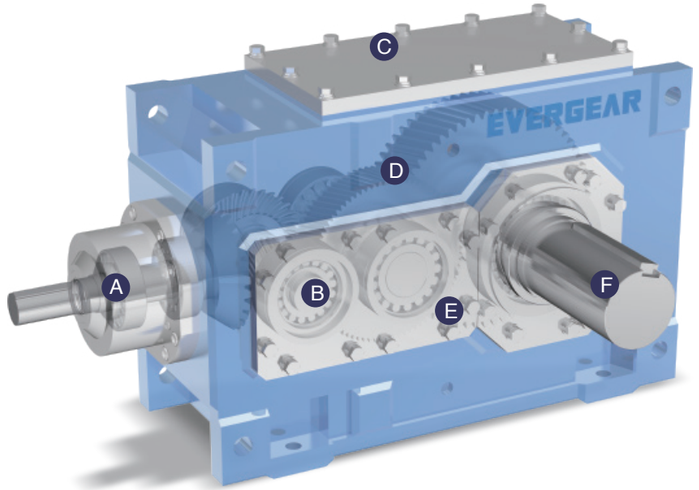
Advanced Production Equipments Are the best material foundation for Quality Assurance.

Shield machine / bridge equipment / road mechanical / chemical mixing / plastic machinery / coal conveying / packaging equipment / textile equipment / electric equipment
Logistics automatic line / Port equipment / train hub equipment / metallurgy of iron and steel industry / beer and beverage equipment
metal wire drawing equipment / electronic equipment / electric power cement equipment / environmental protection sewage treatment

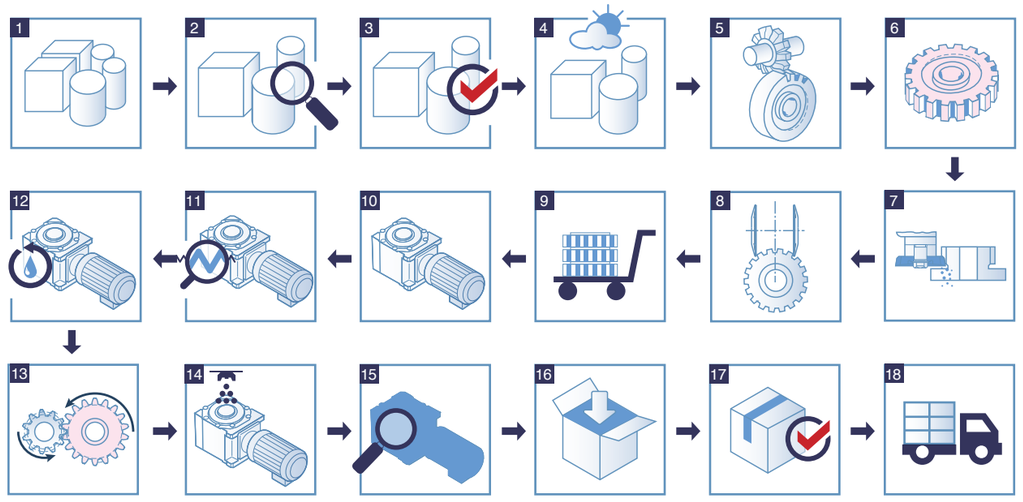
盾构机 / 桥梁设备 / 筑路机械 / 化工搅拌 / 塑料机械 / 煤炭输送 / 包装设备 / 纺织设备 / 电炉设备 / 物流自动线
港口起重设备 / 动车轮毂设备 / 钢铁冶金行业 / 啤酒饮料设备 / 金属拉丝设备 / 电子专用设备 / 电力水泥设备 / 环保-污水处理

Gear hologram inspection
齿轮全息检测

Daily maintenance of gears
齿轮日常养护



A 输入轴 Input Shaft
B 齿轮轴 Gear Shaft
C 箱盖 Housing Cover
D 齿轮 Gears
E 侧盖 Side Cover
F 输出轴 Output Shaft



1.原材料 2.进厂检验 3.调质 投料制造 4.铸件露天堆放(自然时效) 5.机加工 6.热处理
7.精加工 8.检验 9.入库 10.装配 11.现场检验 12.气密性检测 13.空/加载实验 14.喷漆 15.检验 16.包装 17.出厂总检 18.出厂

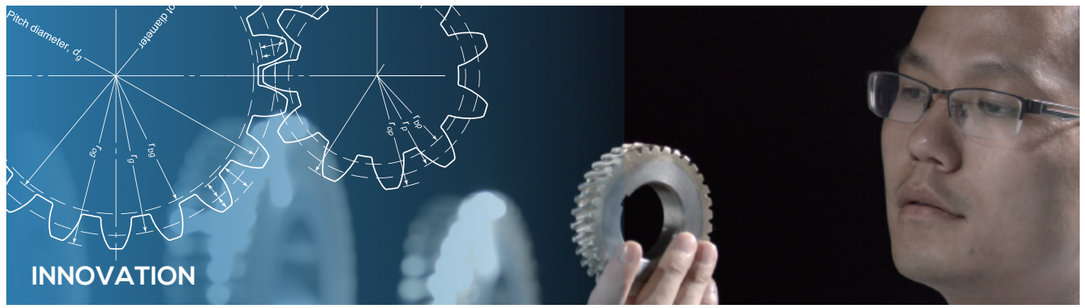
1.Raw materials 2.Incoming inspection 3.Quenching and tempering for casting material 4.Cast storage out of door (natural aging) 5.Machining
6.Heat treatment 7.Fine machining 8.Test 1 9.Storage 10.Assembly 11.Test 2 12.Air tightness inspection
13.No-load/load test 14.Painting 15.Test 3 16.Packing 17.Test 4 18.Delivery

设计&研发

Product design and development

产品源于人品，恒齿传动除了拥有一流的生产设备外，让人更为叹服的是恒齿传动研发中心那些在业内颇负盛名的人才及公司从未放松过的对一线生产工人的管理与培训。保证了公司持续十多年的高效运转，产品质量长期稳定。

Product is rooted in personality. EVERGEAR not only has top production equipments, but also has talents of research and development center management and training for first-line production workers. That has ensured the company with high efficient operation over eleven years and made long term stability of product's quality.



机械传动方案解决专家

Solution Experts of Mechanical Drive

恒齿传动成功应用于以下行业：包装设备、电力水泥设备、电炉设备、电子专用设备、动车轮毂设备、盾构机、纺织设备、钢铁冶金行业、港口起重设备、化工搅拌、环保—污水处理、金属拉丝设备、煤炭输送、啤酒饮料设备、桥梁设备、塑料机械、筑路机械……

恒齿减速机广泛配套于盾构机、桥梁机械、筑路机械等，配套各大厂商参与“一带一路”建设贡献自己的一份力量。

EVERGEAR products successfully applied in the following industries: packaging equipment, electricity cement equipment, electric equipment, electronic equipment, moving equipment wheel hub, shield, textile equipment, iron and steel metallurgy, port lifting equipment, chemical mixing, environmental protection - waste water treatment brushed metal equipment, coal transportation, beer and beverage equipment, bridge equipment, plastic machinery, road machinery

EVERGEAR Reducers are widely applied in Shield Machine, bridge machine,road machine etc. EVERGEAR takes part in contribution for the The Belt and Road Initiative Construction with many manufactures.

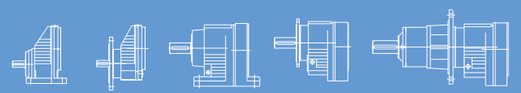
Solid service
坚实的服务

Professional service
专业的服务

Satisfied service
满意的服务

产品系列
Product series

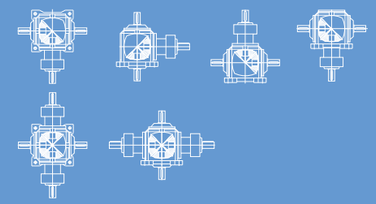
ER Series
斜齿轮硬齿面减速机
Helical Gear Motor

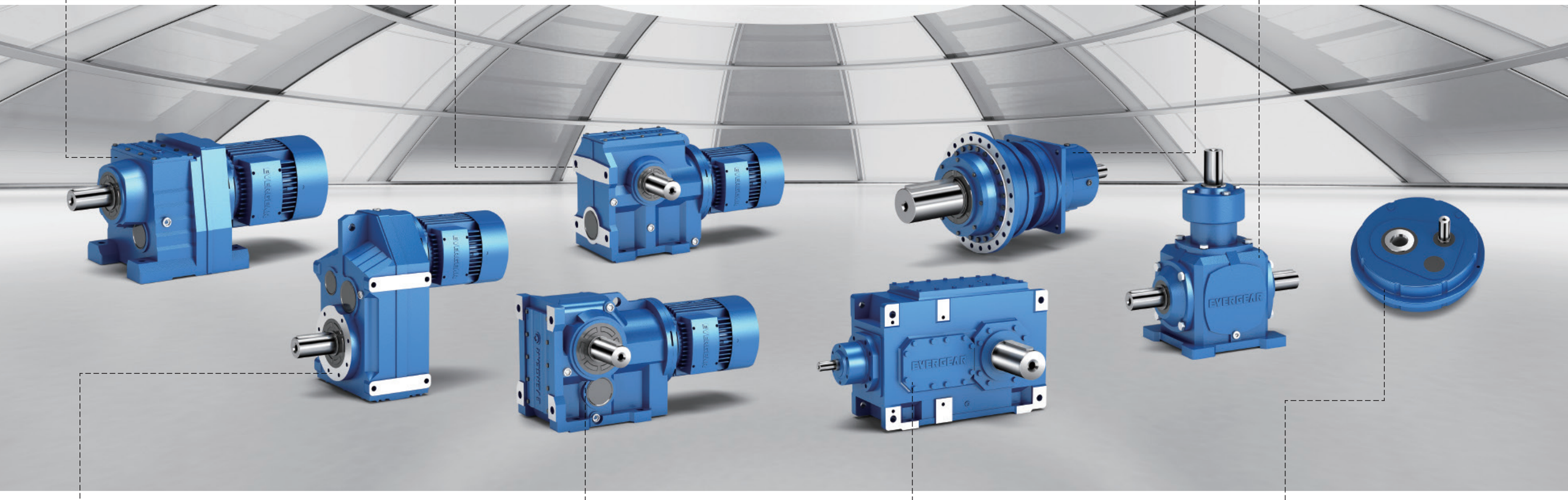


ES Series
斜齿轮–蜗轮蜗杆减速机
Helical-Worm Gear Motor

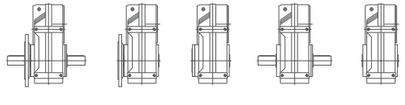
EQ Series
行星齿轮减速机
Planetary Gear Reducer

EZ Series
弧齿锥齿轮减速机
Spiral Bevel Gear Reducer

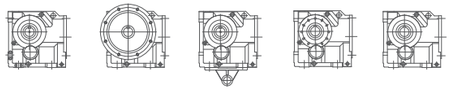




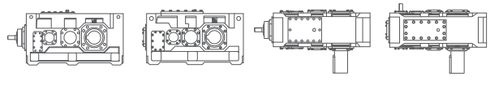
EF Series
平行轴斜齿轮减速机
Parallel Shaft Helical Gear Motor



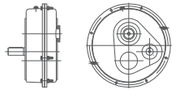
EK Series
斜齿轮–弧齿锥齿轮减速机
Helical - Bevel Gear Motor



EH/EB Series
大功率齿轮减速机
High Power Reducer



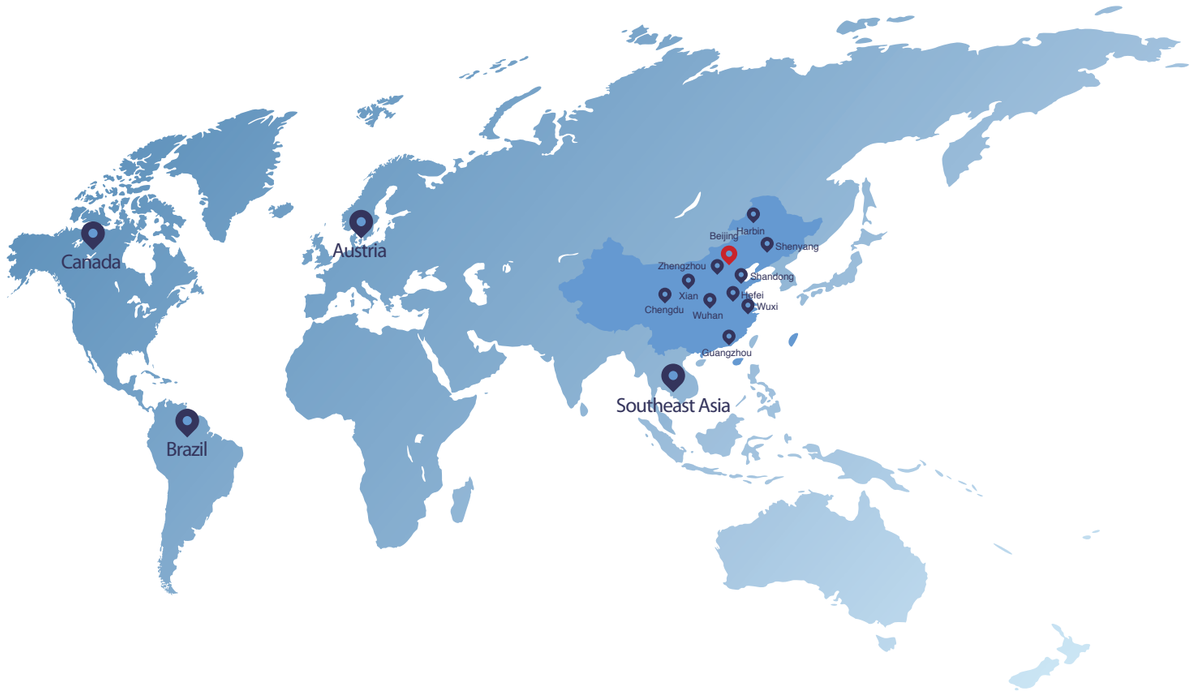
ZGY Series
悬挂式减速机
Shaft-Mounted Reducer



坚实而完美的服务，

让恒齿的营销网络覆盖全国，产品远销海外

Solid and Perfect Service, make EVERGEAR marketing network covering the whole country, the products are exported to overseas



独具人性关怀与专业热忱的销售服务体系

THE UNIQUE HUMANE CARE AND PROFESSIONAL HOT ENTHUSIASTIC SALES SERVICE SYSTEM

客户服务中心
SERVICE CENTRE

售前技术支持
PRE-SALES TECHNICAL SUPPORT

安装调试与培训
INSTALLATION AND TRAINING

常规技术支持
现场安装指导
现场设备调试及机器启动
现场及工厂技术培训
Routine technical support
On-site installation guide
The equipment commissioning and startup
Field and factory technical training

24小时应急电话
24 HOURS EMERGENCY CALL

您的设备出现问题
致电恒齿服务热线
我们将第一时间为您处理
服务热线:
135 8890 8882
You have problems with equipment
Call the service hotline of Asia
We will be the first time for you to handle
Service hotline:
135 8890 8882

客户投诉管理
COMPLAINT MANAGEMENT

客户可以通过热线: 0577 63706661
对恒齿的服务或产品提出投诉
会有专人对投诉进行处理
在最短时间内通知客户处理结果
投诉部门还将跟踪客户反馈意见
直到客户满意为止

Customers can through the hotline 0577 63706661
The Asia service or product complaints
There will be someone to handle complaints
The processing results inform the customer in the shortest time
The complaint department will also follow customer feedback Until the customer satisfied

备件服务
SPARE PARTS SERVICE

直接提供备件
代理商提供备件
根据设备情况协助制定所需备件
提供备件管理服务
此项服务可降低您的维护和保养费用

Direct supply of spare parts
Agents provide spare parts
According to the equipment required to assist in the development of spare parts
Provide spare parts management services
This service can reduce your maintenance costs

维修及部件
REPAIR AND PARTS

故障部件可通过速递公司寄给我们
由我们进行维修或更换
并寄回给您
Fault components can be through courier company Send us By our repair or replacement
And send it back to you

现场故障排除
TROUBLESHOOTING

故障查找维修及
故障部件更换
Troubleshooting Repair and replacement of parts fault

上海 *SHANGHAI*

上海迈特传动设备有限公司
SHANGHAI MITER DRIVING EQUIPMENT CO.,LTD.

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哈尔滨 *HARBIN*
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Fax (0451) 88007511

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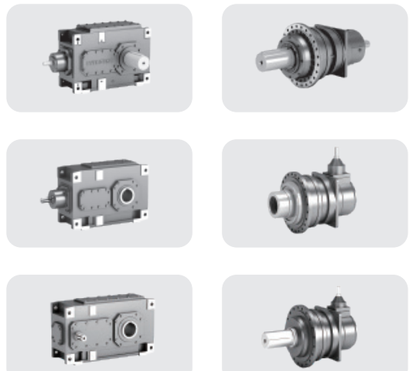
How to read the table?

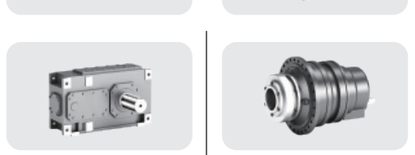
① 选择您的传动设备系列
Select your transmission equipment series

② 选择应用产品型号
Product type found application

③ 去相关传动设备了解详细
To understand related transmission equipment

系列组合
Composed of





001	010 ER Series	078 EK Series	128 EF Series	174 ES Series	206 EH/EB Series	364 EQ Series	412 EZ Series	419 MB Series	427 NMRV Series
性能特点及选型指南 Characteristics and instructions for selection	斜齿轮硬齿面减速机 Helical Gear Motor	斜齿轮–弧齿锥齿轮减速机 Helical - Bevel Gear Motor	平行轴斜齿轮减速机 Parallel Shaft Helical Gear Motor	斜齿轮–蜗轮蜗杆减速机 Helical-Worm Gear Motor	大功率齿轮减速机 High Power Reducer	行星齿轮减速机 Planetary Gear Reducer	弧齿锥齿轮减速机 Spiral Bevel Gear Reducer	无级变速机 Variable Speed Machine	蜗轮减速机 Worm Wheel Reducer

EVERGEAR

① 性能特点 Characteristics:

1. 恒齿减速机是在模块组合体系的基础上设计的，可以方便地配用各种型式的电动机或采用其它动力输入。 同种机型可配用多种功率的电动机。容易实现各种机型之间的组合联接。
2.传动效率高，单机型减速机效率高达96%。
3.传动比划分细，范围广。组合机型可以形成较大的传动比，输出转速低。
4.安装形式多样，可任意位置卧式或法兰安装。

1. EVERGEAR reductors are based on the building block design, so it's convenient for them to fit all types of motors or to connect with other power input. The same type of reductors can fit motors with different power, so that it's possible for different types of machines to combine or connect.
2. High transmission efficiency. A single machine can reach a transmission efficiency as much as 96%.
3. Precise division of transmission ratio with a wide range. The combination of machines can produce a larger transmission ratio at a low output rotational speed.
4. Various ways of installation. Horizontal installation at any position or flanged installation.

② 场所条件 Working Environment:

1.环境温度-40℃-50℃（0℃以下启动时润滑油要加热到0℃以上。）
2.海拔不超过1000米。
3.输入转速不大于1800rpm,齿轮最高圆周速度不超过22m/s。
4.可用于正反运转。
5.无行业限制。
6.其他条件下使用请与我公司技术部联系。

1. Working temperature： -40℃-50℃ (The lubrication should be heated until above 0℃ if the machine works Below 0℃)
2. The working place should be lower than 1,000 meters above sea level.
3. The imput rotational speed should not exceed 1,800r/m. The circumferential speed of the gear should not exceed 22m/s.
4. Suitable for normal-reverse rotation.
5. Without industry limitation.
6. Please consult our technical supporting department for other circumstances.

③ 选型指南 Instructions for Selection

减速机通常是按每小时起停次数小于10,常温20℃下,按恒定转矩设计的。在按选型参数表选择机型号前,须先了解工作机载荷和工作情况,在运行功率确定后,按下面方法选择参数表中的使用系数f_B。

Speed reducer is designed by referring to invariable torque on the condition of normal temperature below 20℃,with on-off frequency less than 10 per hour. Before selecting machine model according to model selection parameter table,it is required to know the load and operating conditions of working machine.After confirming operating power,select utilization coefficient f_B in parameter table according to the fol1owing methods.

1

确定工作机运行功率P(KW)

To confirm operating power P(KW) of working machine;

2

根据工作机的载荷特征和每天工作小时数确定最低工况系数f_1(表1)

To confirm the lowest operating mode coefficient f_1(Table 1) according to load features of working machine and daily operating hours;

3

根据每小时起动次数确定起动系数f_2(表2)

To confirm startup coefficient f_2(Table 2) according to the number of starts per hour;

4

计算总工况系数f_A (ES系列须考虑环境温度系数f_3表3)

To confirm total operating mode coefficient f_A;(Ambient temperature coefficient f_3 (Table 3)must be considered for ES series.)

$f_A=f_1\times f_2$ $(f_A=f_1\times f_2\times f_3)$

5

根据减速机运行功率和输出转速由选型表选定减速机规格，同时必须满足$f_A\leq$选型参数表提供使用系数f_B。

To select the specifications of speed reducer from model selection table acoording to its operating power and output rotating speed, meanwhile it is necessary to ensure that $f_A\leq$utilization coefficient f_B offered in mode1 selection parameter table.

注 Notes

如用户对减速机可靠性要求较高，须考虑必要的安全系数或来电咨询，输出端的径向载荷及轴向载荷，请与我公司技术部联系，减速机的使用与维护参阅随机附带《减速机使用说明书》

If users have higher reliabillty requirments for speed reducer,certain safety coefficient mustbe multiplied or you can call us for further consultation; Please contact the technical department of our company for any information on radial load and axial load of output terminal; Please refer to the 《Operation instructions of speed reducer》 attached with the machine.

表1 工作机系数 f_1 Table 1 Factor for driven machine f_1

工作机	Driven machines	日带载运行时间（小时）		
		≤0.5	>0.5-10	>10
污水处理	Waste water treatment			
浓缩器(中心传动)	Thickeners (central drive)	–	–	1.2
压滤机	Filter presses	1.0	1.3	1.5
絮凝器	Flocculation apparata	0.8	1.0	1.3
曝气机	Aerators	–	1.8	2.0
搂集设备	Raking equipmen	1.0	1.2	1.3
纵向、回转组合式搂集装置	Combined longitudi-nal and rotary rakes	1.0	1.3	1.5
预浓缩器	Pre-thickeners	–	1.1	1.3
螺杆泵	Screw pumps	–	1.3	1.5
水轮机	Water turbines	–	–	2.0
泵	Pumps			
离心泵	Centrifugal pumps	1.0	1.2	1.3
容积式泵	Positive-displace- ment pumps			
1个活塞	1 piston	1.3	1.4	1.8
>1个活塞	>1 piston	1.2	1.4	1.5
挖泥机	Dredgers			
斗式输送机	Bucket conveyors	–	1.6	1.6
倾卸装置	Dumping devices	–	1.3	1.5
履带式行走机构	Carterpillar travel-ling gears	1.2	1.6	1.8
斗轮式挖掘机	Dredgers			
用于料堆捡拾	Bucket wheel excavators	–	1.7	1.7
用于原生岩土	As pick-up	–	2.2	2.2
采掘机机头	For primitive material Cutter heads	–	2.2	2.2
采掘臂回转*	Slewing gears*	–	1.4	1.8
弯板机*	Plate bending machines*	–	1.0	1.0
化学工业	Chemical industry			
挤出机	Extruders	–	–	1.6
调浆机	Dough mills	–	1.8	1.8
橡胶研光机	Rubber calenders	–	1.5	1.5
冷却圆筒	Gaoling drums	–	1.3	1.4
混匀机，用于	MIxers for			
均匀介质	Uniform media	1.0	1.3	1.4
非均匀介质	Non-uniform media	1.4	1.6	1.7
搅拌机，用于	Agitators for me-dia with			
均匀介质	Uniform density	1.0	1.3	1.5
非均匀介质	Non-uniform density	1.2	1.4	1.6
不均匀气体吸收	Non-uniform gas absorption	1.4	1.6	1.8
烘炉	Toasters	1.4	1.3	1.5
离心机	Centrifuges	1.0	1.2	1.3
金属加工设备	Metal working mills			
翻板机	Plate filter	1.0	1.0	1.2
推钢机	Ingot pushers	1.0	1.2	1.2
绕线机	Winding machines	–	1.6	1.6
冷床横移架	Cooling bed transfer frames	–	1.5	1.5
辊式矫直机	Roller straighteners	–	1.6	1.6
轨道	Roller tables			
连续式	Continuous	–	1.5	1.5
间歇式	Intermittent	–	2.0	2.0
可逆式轧管机	Reversing tube mills	–	1.8	1.8
剪切机	Shears			
连续式*	Continuous*	–	1.5	1.5
曲柄式*	Crank type*	1.0	1.0	1.0
连铸机驱动装置*	Continuous casting drivers*	–	1.4	1.4

工作机	Driven machines	日带载运行时间（小时）		
		≤0.5	>0.5-10	>10
轧机	Rolls			
可逆式开还机	Reversing blooming mills	–	2.5	2.5
可逆式板还轧机	Reversing stabbing mills	–	2.5	2.5
可逆式线材轧机	Reversing wire mills	–	1.8	1.8
可逆式薄板轧机	Reversing sheet mills	–	2.0	2.0
可逆式中厚板轧机	Reversing plate mills	–	1.8	1.8
辊缝调节驱动装置	Roll adjustment drives	0.9	1.0	–
输送机械	Conveyors			
斗式输送机	Bucket conveyors	–	1.4	1.5
绞车	Hauling winches	1.4	1.6	1.6
卷扬机	Hoists	–	1.5	1.8
皮带输送机≤150 kW	Belt conveyors≤150 kW	1. 0	1.2	1.3
皮带输送机≥150 kW	Belt conveyors≥150 kW	1. 1	1.3	1.4
货用电梯*	Goods lifts*	–	1.2	1.5
客用电梯*	Passenger lifts*	–	1.5	1.8
刮板式输送机	Apron conveyors	–	1.2	1.5
自动扶梯	Escalators	1.0	1.2	1.4
轨道行走机构	Frequency converters	–	1.5	–
柱塞式压缩机	Reciprocating compressors	–	1.8	1.9
起重机械	Cranes			
回转机构* *	Slewing gears* *	1.0	1.4	1.8
俯仰机构* *	Luffing gears* *	1.0	1.1	1.4
行走机构* *	Travelling gears* *	1.1	1.6	2.0
起升机构* *	Hoisting gears* *	1.0	1.1	1.4
转臂式起重机* *	Derricking jib cranes* *	1.0	1.2	1.6
冷却塔	Cooling towers			
冷却塔风扇	Cooling tower fans	–	–	2.0
风机(轴流和离心式)	Blowers (axial and radial)	–	1.4	1.5
蔗糖生产	Cane sugar production			
甘蔗切碎机	Cane knives	–	–	1.7
甘蔗碾磨机	Cane mills	–	–	1.7
甜菜糖生产	Beet sugar production			
甜菜绞碎机	Beet cossettes macerators	–	–	1.2
榨取机	Extraction plants	–	–	1.4
机械制冷机	Mechanical refrigerators	–	–	1.4
蒸煮机	Juice boilers	–	–	1.4
甜菜清洗机	Sugar beet washing machines,	–	–	1.4
甜菜切碎机	Sugar beet cutters	–	–	1.5
造纸机械	Paper machines			
各种类型	Of all kind	–	1.8	2.0
碎浆机驱动装置(敬请垂询)	Pulper drives (on request)	–	2	2.25
离心式压缩机	Centrifugal compressors	–	1.4	1.5
索道缆车	Cableways			
运货索道	Material ropeways	–	1.3	1.4
往复式空中索道	To-and-fro system	–	1.6	1.8
拖牵式索道	Aerial ropeways	–	1.3	1.4
循环式索道	T-bar lifts ropeways	–	1.4	1.6
水泥工业	Cement industry			
混凝土搅拌机	Concrete mixers	–	1.5	1.5
破碎机	Breakers	–	1.2	1.4
回转窑	Rotary kilns	–	–	2.0
管式磨机	Tube mills	–	–	2.0
选粉机	Separators	–	1.6	1.6
辊压机	Roll crushers	–	–	2.0

工作机额定功率P2的确定：*)按最大扭矩确定额定功率；**)检验热功率是绝对必要的。

表2 起动系数 f_2 Table 2 Starting coefficient f_2

起动次数/每小时	≤0.5h	0.5-10h	>10h
<10	1.00	1.00	1.0
<100	1.15	1.25	1.4
<500	1.25	1.40	1.7

表3 环境温度系数 f_3 Table 3 Environment temperature f_3

环境温度	10℃	20℃	30℃	40℃	50℃
环境温度系数	0.88	1.00	1.15	1.35	1.65

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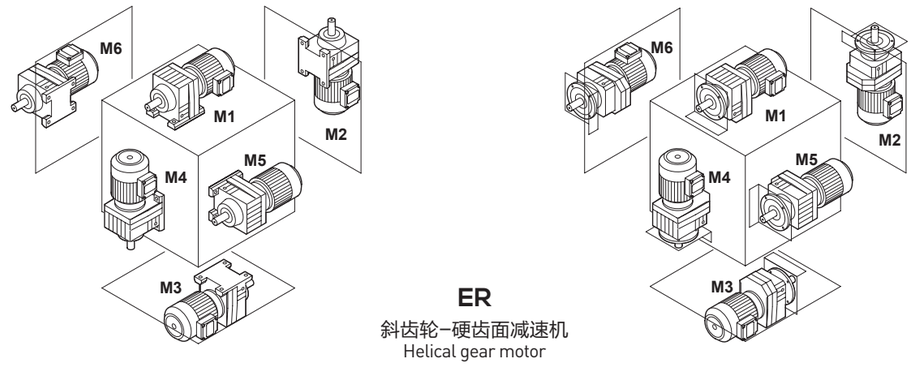
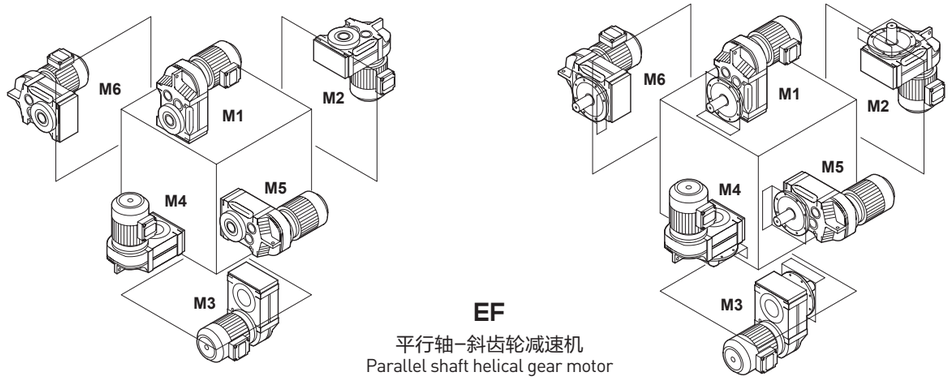
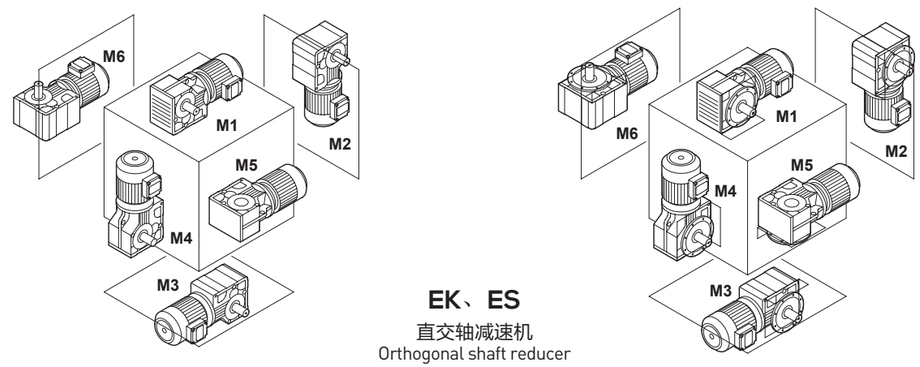
④ 安装位置概览 Survey of install ation position



ER
斜齿轮–硬齿面减速机
Helical gear motor



EF
平行轴–斜齿轮减速机
Parallel shaft helical gear motor



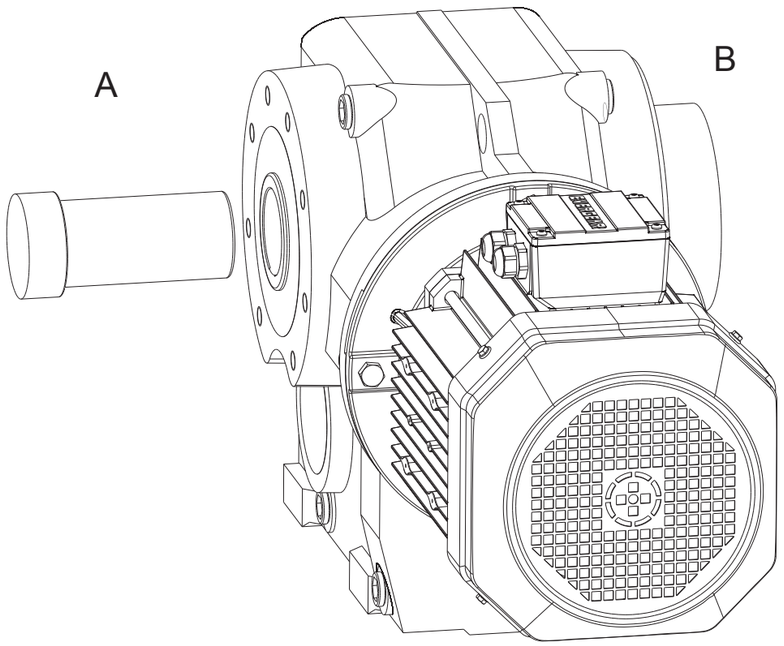
EK、ES
直交轴减速机
Orthogonal shaft reducer

EK\ES Series

减速机胀紧盘安装位置说明 Description to installation position of expansion plante of gear reductor

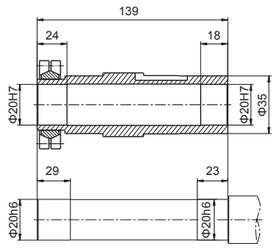
EK、ES系列减速机的EKH..、ESH..结构型式必须标明胀紧盘输出端位置(即设备轴插入的方向)。
For structural forms EKH..,ESH.. of EK,ES series gear reductor, the position of output end of expansion plate must be indicated (i.e.,insertion direction of equipment shaft).

如下图:输出端位置在A面。
As shown in the following figure:The output end is at Side A.

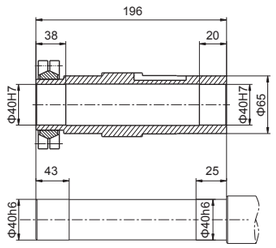


ES、EF、EK系列胀紧盘尺寸图
Size figure of expansion plate of ES、EF、EKseries

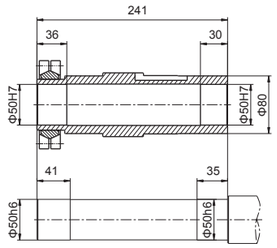
ESH..37



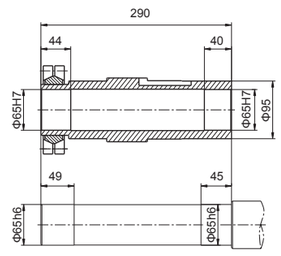
ESH..67



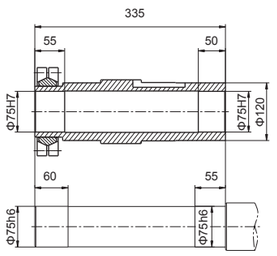
ESH..77



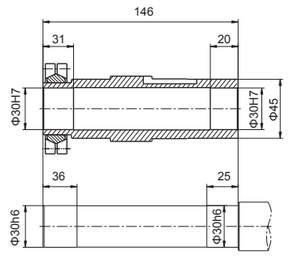
ESH..87



ESH..97

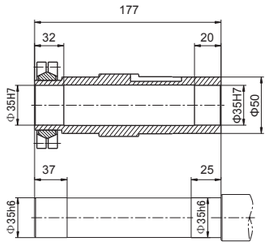


EKH..37/EFH..37/ESH..47



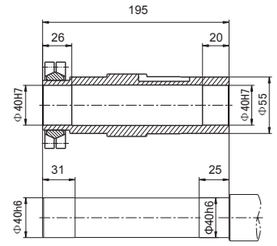
EF系列带电机时配置最大机座号:71
The maximum frame size is 71 for
EF series when connect with motor.

EKH..47/EFH..47/ESH..57



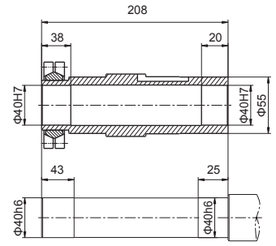
EF系列带电机时配置最大机座号:80
The maximum frame size is 80
for EF series when connect with motor.

EKH..57/EFH..57



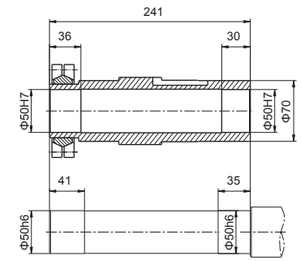
EF系列带电机时配置最大机座号:90
The maximum frame size is 90
for EF series when connect with motor.

EKH..67/EFH..67



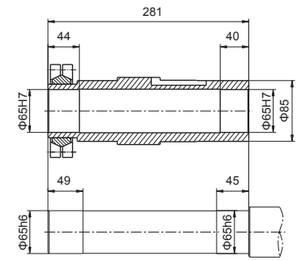
EF系列带电机时配置最大机座号:112
The maximum frame size is 112
for EF series when connect with motor.

EKH..77/EFH..77



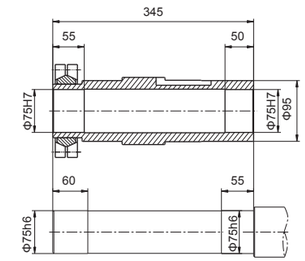
EF系列带电机时配置最大机座号:132
The maximum frame size is 132
for EF series when connect with motor.

EKH..87/EFH..87



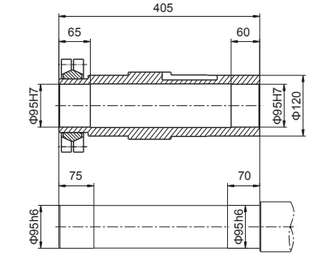
EF系列带电机时配置最大机座号:160
The maximum frame size is 160 for
EF series whenconnect with motor.

EKH..97/EFH..97



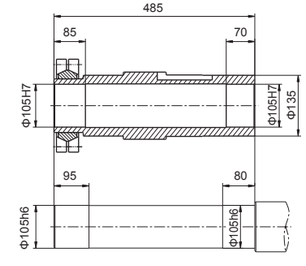
EF系列带电机时配置最大机座号:200
The maximum frame size is 200
for EF series when connect with motor.

EKH..107/EFH..107



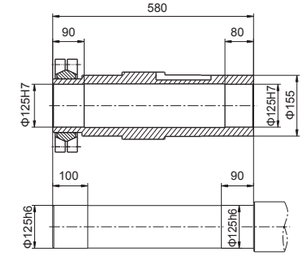
EF系列带电机时配置最大机座号:200
The maximum frame size is 200 for
EF series when connect with motor.

EKH..127/EFH..127



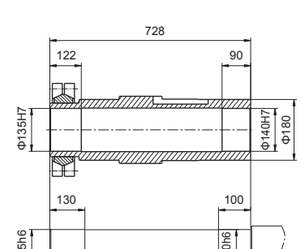
EF系列带电机时配置最大机座号:250
The maximum frame size is 250 for
EF series when connect with motor.

EKH..157/EFH..157

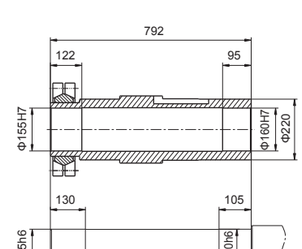


EF系列带电机时配置最大机座号:280
The maximum frame size is 280 for
EF series when connect with motor.

EKH..167



EKH..187



注：EK、EF、ES系列带胀紧盘减速机除输出轴不同外，其余尺寸同平键空心轴标准产品。
NOTE: Except the output shafts are different,The size of EK、EF、ES series gear reductor with expansion plate are same as flat key hollow shaft standard products.

ER、EK、EF、ES系列减速机联接法兰重量表(kg)
Coupling flange weight form of ER、EK、EF、ES series speed reducer(kg)

减速机型号 Reducer type					电机机座号 Motor frame size										
ES	EF	EK	ER	ERX	63/71	80/90	100/112	132	160	180	200	225	250	280	315
			17		4	6	9								
			27												
37	37	37	37												
47	47														
57															
		47	47		5	7	10	16							
	57	57	57	57											
67	67	67	67	67											
77	77	77	77	77	6	8	11	18	29	28					
87	87	87	87	87		10	13	20	34	34					
97	97	97	97	97		14	16	23	35	35	41				
	107	107	107	107			20	26	39	38	45	67			
			137					32	43	43	49	71	111	109	
	127	127	147	127				39	50	49	56	78	117	115	
	157	157		157					66	65	72	92	131	129	168
	167	167	167												
		187	177												

ER、EK、EF、ES系列减速机轴输入型输入部分重量表(kg)
Weight form of shaft input type of ER、EK、EF、ES series speed reducer(kg)

减速机型号 Reducer type					电机机座号 Motor frame size							
ES	EF	EK	ER	ERX	AD1	AD2	AD3	AD4	AD5	AD6	AD7	AD8
			17		3	4						
			27									
37	37	37	37									
47	47											
57												
		47	47			5	6					
	57	57	57	57								
67	67	67	67	67								
77	77	77	77	77		6	7	14				
87	87	87	87	87		8	9	16	25			
97	97	97	97	97			12	18	26	29		
	107	107	107	107			16	22	29	33		
			137					28	34	37	56	
	127	127	147	127				34	41	44	63	85
	157	157		157					57	60	77	99
	167	167	167									
		187	177									

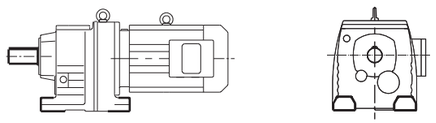
ER Series

斜齿轮硬齿面减速机
Helical Gear Motor

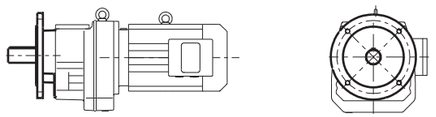
EVERGEAR

⑤ 结构形式
Mounting type:

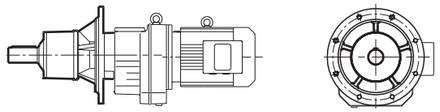
ER
底脚安装三级或二级斜齿轮减速机。
Three-stage or two-stage foot-mounted helical gear reductor



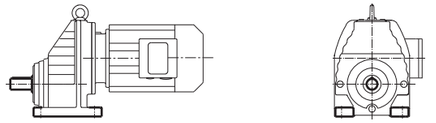
ERF
法兰安装三级或二级斜齿轮减速机。
Three-stage or two-stage flange-mounted helical gear reductor



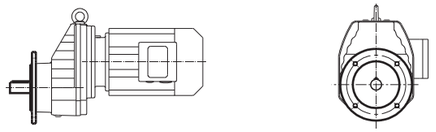
ERM
法兰安装带加长轴承箱三级或二级斜齿轮减速机。
Three-stage or two-stage flange-mounted helical gear reductor with extended bearing hub



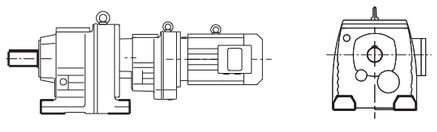
ERX
底脚安装单级斜齿轮减速机。
Single-stage foot-mounted helical gear reductor



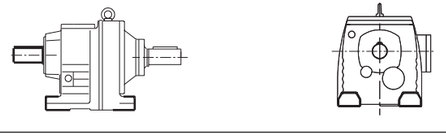
ERXF
法兰安装单级斜齿轮减速机。
Single-stage flange-mounted helical gear reductor



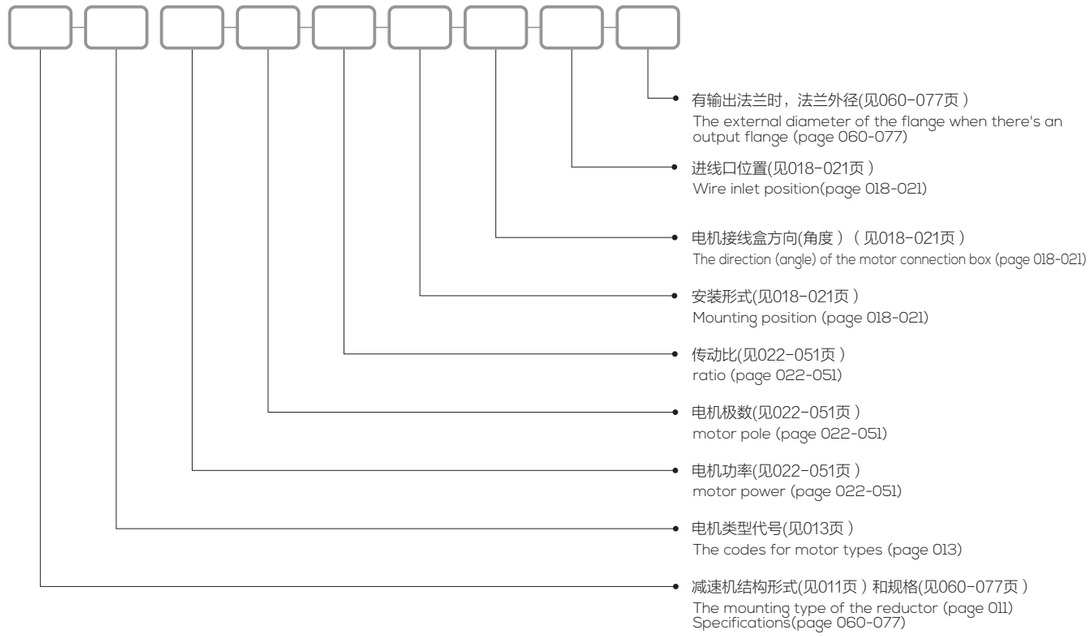
ER..ER
两ER..7机型组合减速机。
Combination of two Model ER..7 reductors



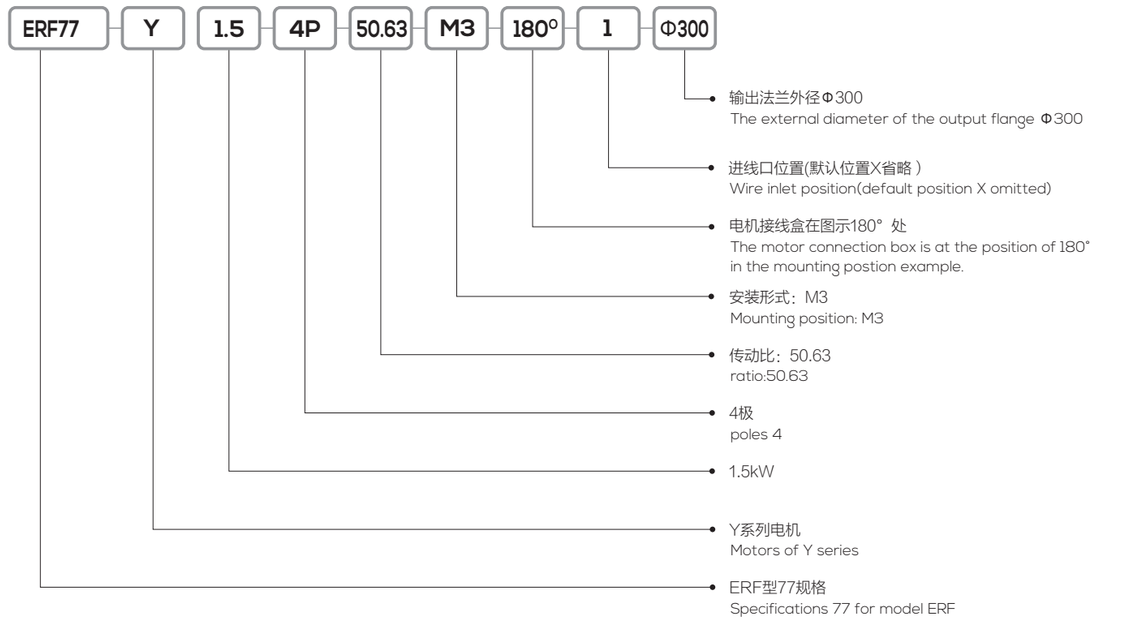
ERS..,ERXS..
轴输入型，即配输入轴不配电动机的斜齿轮减速机。
Shaft-input style, in another word, helical gear reductor equipped with input shaft but without the motor

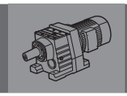


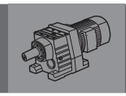
⑥ 型号说明
Instmctions for Models:



示例
Sample







⚠ 注 Notes

1、轴输入型没有电动机的各项内容。
2、无特别说明时Y系列电动机供货按IP54防护等级。
3、不注明安装形式时，按安装形式图(见018–021)中M1安装形式供货。
4、不注明接线盒角度时，按安装形式图(见018–021页)中0度位置供货。
5、有输出法兰时，不注明法兰大小按安装结构尺寸图(见060–077页)中的小法兰供货。
6、对输出旋转方向与输入旋转方向有特殊要求的用户，请与我公司技术部联系。

1. The shaft-input style is not equipped with any motor
2. Motors of Y series are supplied with protection grade of IP54 unless otherwise specified.
3. The mounting position of M1 as shown in the mounting position example (Page 018-021) is the default way when supplying unless otherwise specified.
4. 0° as shown in the mounting position example (Page 018-021) is the default connection box angle when supplying unless otherwise specified.
5. If there's an output flange, the small flange as shown in the Physical Dimension Illustration (Page 060-077) will be supplied unless otherwise specified.
6. Please contact our technical supporting department in case there's any special requirements on the output and input rotatory directions.

⑦ 电机类型代号
Codes for Motor Types:

Y	Y系列 Y series	YB	防爆电机 Flameproof Motor	Z	直流电机 Direct Current Motor
YEJ	制动电机 Brake Motor	YG	辊道电机 Roll Motor	YVP	变频电机 Variable Frequency Motor
YVPEJ	变频制动 Transduction braking	YGP	变频辊道 Transduction roller way	YZR	冶金起重 Metallurgy hoisting

⑧ 安装形式图释义
Explanation of mounting position example

通气孔 Breather valve　油位孔 Oil level plug　放油孔 Oil drain plug

⑨ 选型参数表释义
Explanation of Parameter Selection List

输出转速 Output speed	输出转矩 Output torque	传动比 Ratio	使用系数 Service factor	机型号 Type	电机极数 Motor pole
(r/min)	(Nm)	(i)	(f_B)		
0.75kW					
4.9	1470	285.61	2.0		
5.5	1300	252.07	2.3		
5.8	1230	237.82	2.4	ER 97	4
6.5	1100	213.20	2.7	ERF97	4
7.6	950	183.65	3.2		
8.3	860	167.60	3.5		

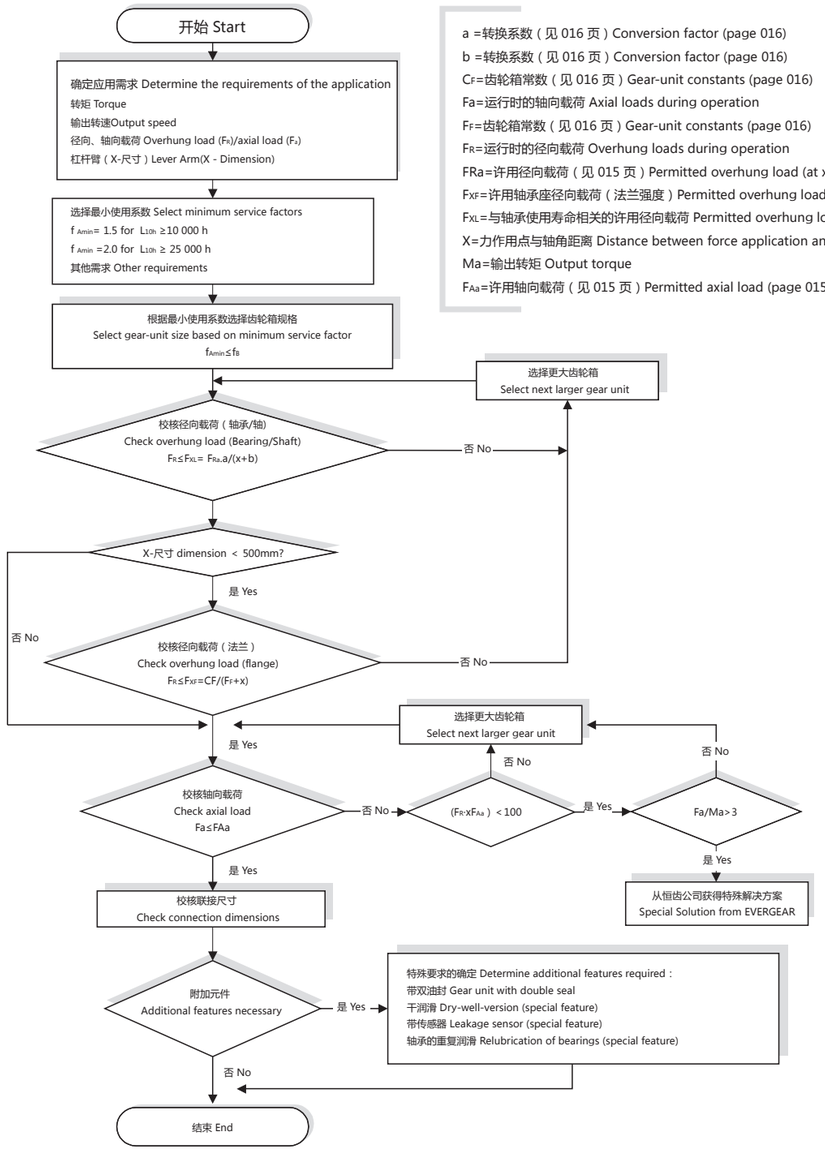
1. 选型参数表中的机型可与该栏中的任一传动比搭配。
2. 选型参数表中的参数也适用于ERM机型。

1. The machine types in the parameter selection list can match any transmission ratio in the column.
2. The parameters in this list also fits model ERM.

⑩ ERM减速机
Model ERM Reductor

ERM斜齿轮硬齿面减速机是法兰安装带加长轴承箱三级或二级斜齿轮减速机，可用于大径向载荷、大轴向载荷的场合。
The ERM helical gear reductor is the three-stage or two-stage flange-mounted helical gear reductor with the extended bearing hub and can be applied to circumstances with the higher overhung loads and axial forces.

1. ERM减速机选型
1. ERM Reductor Selection



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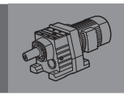


2.许用径向和轴向载荷
2. Permitted overhung loads and axial forces

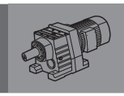
根据不同的使用系数f_A和不同的标称轴承使用寿命L_{10h}提供下述的许用径向载荷F_{Ra}和轴向载荷F_{Aa}
The permitted overhung loads F_{Ra} and axial forces F_{Aa} are specified for various service factors F_A and nominal bearing service life L_{10h}

F_{Amin}=1.5/L_{10h}=10 000h

	n [rpm]	<16	16–25	26–40	41–60	61–100	101–160	161–250	251–400
ERM57	F_{Ra} [N]	400	400	400	400	400	405	410	415
	F_{Aa} [N]	18800	15000	11500	9700	7100	5650	4450	3800
ERM67	F_{Ra} [N]	575	575	575	580	575	585	590	600
	F_{Aa} [N]	19000	18900	15300	11900	9210	7470	5870	5050
ERM77	F_{Ra} [N]	1200	1200	1200	1200	1200	1200	1210	1200
	F_{Aa} [N]	22000	22000	19400	15100	11400	9220	7200	6710
ERM87	F_{Ra} [N]	1970	1970	1970	1970	1980	1990	2000	2010
	F_{Aa} [N]	30000	30000	23600	18000	14300	11000	8940	8030
ERM97	F_{Ra} [N]	2980	2980	2980	2990	3010	3050	3060	3080
	F_{Aa} [N]	40000	36100	27300	20300	15900	12600	9640	7810
ERM107	F_{Ra} [N]	4230	4230	4230	4230	4230	4230	3580	3830
	F_{Aa} [N]	48000	41000	30300	23000	18000	13100	9550	9030
ERM137	F_{Ra} [N]	8710	8710	8710	8710	7220	5060	3980	6750
	F_{Aa} [N]	70000	70000	70000	57600	46900	44000	35600	32400
ERM147	F_{Ra} [N]	11100	11100	11100	11100	11100	10600	8640	10800
	F_{Aa} [N]	70000	70000	69700	58400	45600	38000	32800	30800
ERM167	F_{Ra} [N]	14600	14600	14600	14600	14600	14700	–	–
	F_{Aa} [N]	70000	70000	70000	60300	45300	36900	–	–

F_{Amin}=2.0/L_{10h}=25 000h

	n [rpm]	<16	16–25	26–40	41–60	61–100	101–160	161–250	251–400
ERM57	F_{Ra} [N]	410	410	410	410	410	415	415	420
	F_{Aa} [N]	12100	9600	7350	6050	4300	3350	2600	2200
ERM67	F_{Ra} [N]	590	590	590	595	590	595	600	605
	F_{Aa} [N]	15800	12000	9580	7330	5580	4460	3460	2930
ERM77	F_{Ra} [N]	1210	1210	1210	1210	1210	1220	1220	1220
	F_{Aa} [N]	20000	15400	11900	9070	6670	5280	4010	3700
ERM87	F_{Ra} [N]	2000	2000	2000	2000	2000	1720	1690	1710
	F_{Aa} [N]	24600	19200	14300	10600	8190	6100	5490	4860
ERM97	F_{Ra} [N]	3040	3040	3040	3050	3070	3080	2540	2430
	F_{Aa} [N]	28400	22000	16200	11600	8850	6840	5830	4760
ERM107	F_{Ra} [N]	4330	4330	4330	4330	4330	3350	2810	2990
	F_{Aa} [N]	32300	24800	17800	13000	9780	8170	5950	5620
ERM137	F_{Ra} [N]	8850	8850	8850	8830	5660	4020	3200	5240
	F_{Aa} [N]	70000	59900	48000	37900	33800	31700	25600	23300
ERM147	F_{Ra} [N]	11400	11400	11400	11400	11400	8320	6850	8440
	F_{Aa} [N]	70000	60600	45900	39900	33500	27900	24100	22600
ERM167	F_{Ra} [N]	15100	15100	15100	15100	15100	13100	–	–
	F_{Aa} [N]	70000	63500	51600	37800	26800	23600	–	–



3.转换系数和齿轮箱常数
3. Conversion factors and gear unit constants

计算ERM齿轮减速机额定径向载荷F_{XL} (X≠1000mm)的转换系数
The following conversion factors and gear unit constants apply to calculating the permitted overhung load F_{XL} X≠1000mm for ERM gear reductor

型号 Type	a	b	C_F(f_A=1.5)	C_F(f_A=2.0)	F_F
ERM57	1047	47	1020600	1260400	277
ERM67	1047	47	2047600	2100000	297.5
ERM77	1050	50	2512800	2574700	340.5
ERM87	1056.5	56.5	4917800	5029000	414
ERM97	1061	61	10911600	11124100	481
ERM107	1069	69	15367000	15652000	554.5
ERM137	1088	88	25291700	25993600	650
ERM147	1091	91	30038700	31173900	756
ERM167	1089.5	89.5	42096100	43654300	869

11 ER系列输入功率及最大扭矩
Input power and maximum torque of ER series

型号	Type	ER17	ER27	ER37	ER47	ER57	ER67	ER77
结构形式	Structure	ER ERF				ER ERF ERM		
输入功率	Input power rating(kw)	0.12~0.75	0.12~3	0.12~3	0.12~5.5	0.12~7.5	0.12~7.5	0.18~11
传动比	Ratio	3.83~81.64	3.37~138.79	3.41~134.82	3.06~172.76	4.28~169.54	4.29~190.00	4.54~225.68
最大扭矩*	Maximum torque(Nm)	85	130	200	300	450	600	820

型号	Type	ER87	ER97	ER107	ER137	ER147	ER167	ER177
结构形式	Structure	ER ERF ERM						
输入功率	Input power rating(kw)	0.55~22	0.55~30	2.2~45	5.5~55	7.5~90	11~160	11~200
传动比	Ratio	4.54~253.56	4.50~285.61	4.39~250.65	4.94~216.82	5.00~170.22	10.24~229.71	8.74~216.07
最大扭矩*	Maximum torque(Nm)	1550	3000	4300	8000	13000	18000	32000

型号	Type	ERX57	ERX67	ERX77	ERX87	ERX97	ERX107	ERX127	ERX157
结构形式	Structure	ERX ERXF							
输入功率	Input power rating(kw)	0.12~5.5	0.12~7.5	1.1~11	3~22	5.5~30	5.5~45	7.5~90	11~132
传动比	Ratio	1.26~5.50	1.40~6.07	1.42~5.63	1.39~6.45	1.42~5.79	1.44~6.63	1.56~7	1.63~6.2
最大扭矩*	Maximum torque(Nm)	69	134	215	405	595	830	1110	1680

*)最大扭矩指该规格不同传动比对应的最大扭矩的最大值
*)The maximum torque indicates the maximum value of maximum torque corresponding to different transmission ratios in this specification.

12 ER系列主机重量表
Main machine weight form of ER series

型号	Type	ER17	ER27	ER37	ER47	ER57	ER67	ER77	ER87	ER97	ER107	ER137	ER147	ER167	ER177
重量	Weight(kg)	6.5	8	15	18	23	29	35	65	102	162	248	420	762	980
型号	Type	ERF17	ERF27	ERF37	ERF47	ERF57	ERF67	ERF77	ERF87	ERF97	ERF107	ERF137	ERF147	ERF167	ERF177
重量	Weight(kg)	6.5	8	16	18	26	32	41	72	118	168	272	430	770	985
型号	Type					ERM57	ERM67	ERM77	ERM87	ERM97	ERM107	ERM137	ERM147	ERM167	
重量	Weight(kg)					36	48	66	102	170	258	387	600	970	
型号	Type					ERX57	ERX67	ERX77	ERX87	ERX97	ERX107	ERX127	ERX157		
重量	Weight(kg)					11	14	24	41	68	103	150	250		
型号	Type					ERXF57	ERXF67	ERXF77	ERXF87	ERXF97	ERXF107	ERXF127	ERXF157		
重量	Weight(kg)					13	18	27	46	75	118	150	250		

⑬ ER系列润滑油量表
Lubricating oil quantity form of ER series

型号 Type	润滑油量(升)Fill quantity in liters(L)					
	M1 1)	M2 1)	M3	M4	M5	M6
ER17	0.25	0.55	0.35	0.55	0.35	0.35
ER27	0.25/0.40	0.7	0.5	0.7	0.5	0.5
ER37	0.30/0.95	0.85	0.95	1.05	0.75	0.95
ER47	0.70/1.50	1.6	1.5	1.65	1.5	1.5
ER57	0.80/1.70	1.9	1.7	2.1	1.7	1.7
ER67	1.10/2.3	2.6/3.5	2.8	3.2	1.8	2
ER77	1.20/3.0	3.8/4.1	3.6	4.1	2.5	3.4
ER87	2.3/6.0	6.7/8.2	7.2	7.7	6.3	6.5
ER97	4.6/9.8	11.7/14.0	11.7	13.4	11.3	11.7
ER107	6.0/13.7	16.3	16.9	19.2	13.2	15.9
ER137	10.0/25.0	28	29.5	31.5	25	25
ER147	15.4/40.0	46.5	48	52	39.5	41
ER167	27.0/70	82	78	88	66	69
ER177	60/126	145	135	150	120	125

型号 Type	润滑油量(升)Fill quantity in liters(L)					
	M1 1)	M2 1)	M3	M4	M5	M6
ERF17	0.25	0.55	0.35	0.55	0.35	0.35
ERF27	0.25/0.40	0.7	0.5	0.7	0.5	0.5
ERF37	0.35/0.95	0.9	0.95	1.05	0.75	0.95
ERF47	0.65/1.50	1.6	1.5	1.65	1.5	1.5
ERF/ERM57	0.80/1.70	1.8	1.7	2	1.7	1.7
ERF/ERM67	1.20/2.5	2.7/3.6	2.7	3.1	1.9	2.1
ERF/ERM77	1.20/2.6	3.8/4.1	3.3	4.1	2.4	3
ERF/ERM87	2.4/6.0	6.8/7.9	7.1	7.7	6.3	6.4
ERF/ERM97	5.1/10.2	11.9/14.0	11.2	14	11.2	11.8
ERF/ERM107	6.3/14.9	15.9	17	19.2	13.1	15.9
ERF/ERM137	9.5/25.0	27	29	32.5	25	25
ERF/ERM147	16.4/42.0	47	48	52	42	42
ERF/ERM167	26.0/70	82	78	88	65	71
ERF177	60/126	145	135	150	120	125

型号 Type	润滑油量(升)Fill quantity in liters(L)					
	M1	M2	M3	M4	M5	M6
ERX57	0.6	0.8	1.3	1.3	0.9	0.9
ERX67	0.8	0.8	1.7	1.9	1.1	1.1
ERX77	1.1	1.5	2.6	2.7	1.6	1.6
ERX87	1.7	2.5	4.8	4.8	2.9	2.9
ERX97	2.1	3.4	7.4	7	4.8	4.8
ERX107	3.9	5.6	11.6	11.9	7.7	7.7
ERX127	5.6	11.6	21.9	22.7	9.7	9.7
ERX157	11.6	21.9	31.3	32.7	13.2	13.2

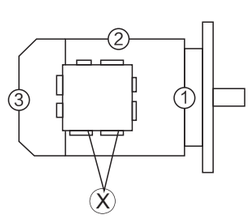
型号 Type	润滑油量(升)Fill quantity in liters(L)					
	M1	M2	M3	M4	M5	M6
ERXF57	0.5	0.8	1.1	1.1	0.7	0.7
ERXF67	0.7	0.8	1.5	1.4	1	1
ERXF77	0.9	1.3	2.4	1.8	1.6	1.6
ERXF87	1.6	2	4.9	4	2.9	2.9
ERXF97	2.1	3.7	7.1	6.3	4.8	4.8
ERXF107	3.1	5.7	11.2	9.3	7.2	7.2
ERXF127	5.6	11.6	21.9	22.7	9.7	9.7
ERXF157	11.6	21.9	31.3	32.7	13.2	13.2

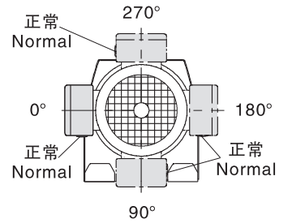
1)表示减速机为组合型时低速级加油量为大值。

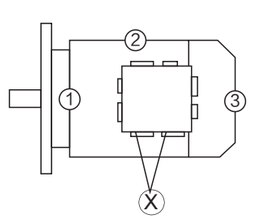
1) The large gear unit of multi-stage gear units must be filled with the larger oil volume.

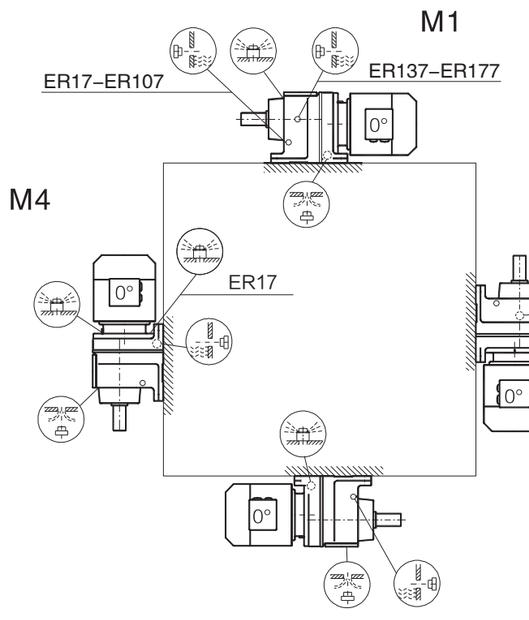
ER17-ER177

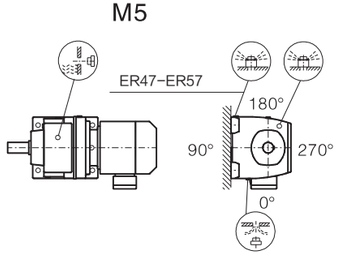
安装形式图 Mounting position example

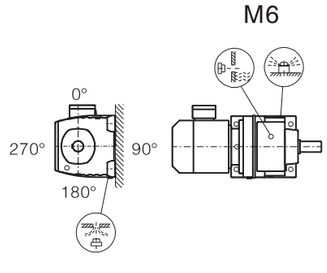












ER17,ER27	⊗	M6
ER17,ER27	⊗	M5
ER17,ER27	⊗	M1 , M2 , M3
ER47,ER57	⊗	M5

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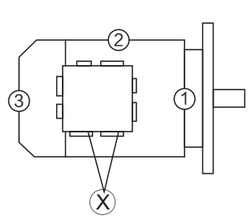
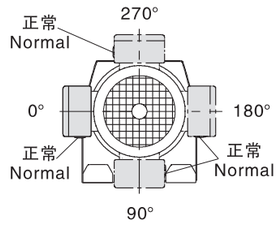
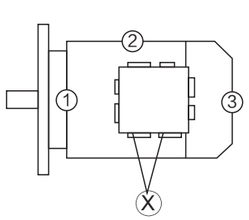
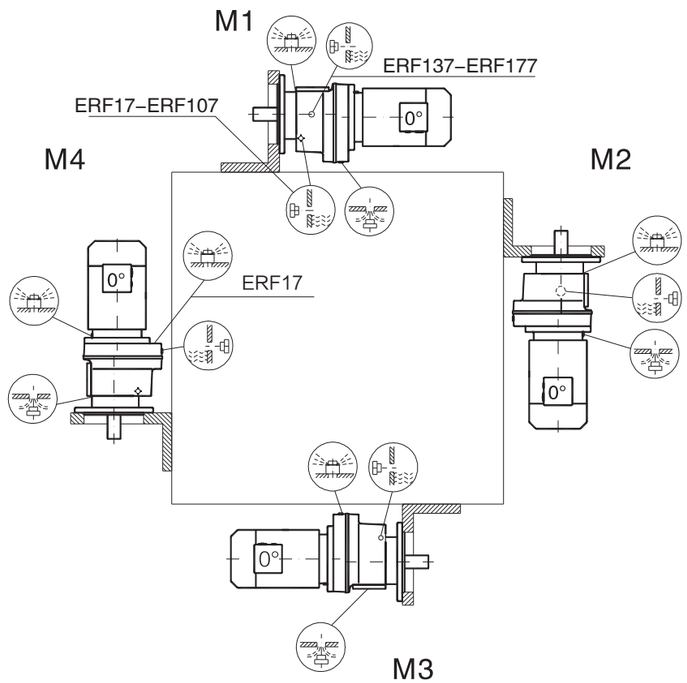
ERF17-ERF177

安装形式图 Mounting position example

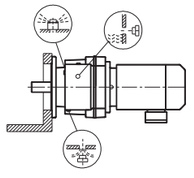




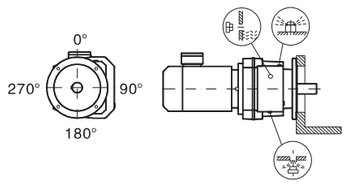




M5



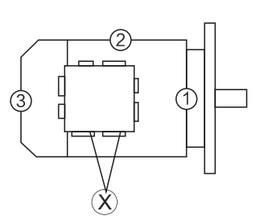
M6

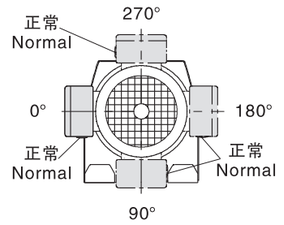


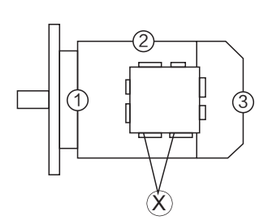
ERF17,ERF27	⊗	M6
ERF17,ERF27	⊗	M5
ERF17,ERF27	⊗	M1,M2,M3
ERF47,ERF57	⊗	M5

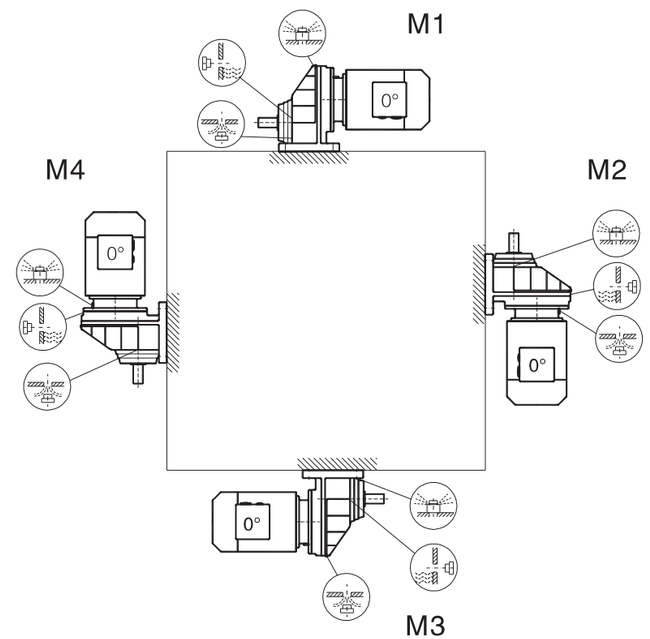
ERX57-ERX157

安装形式图 Mounting position example

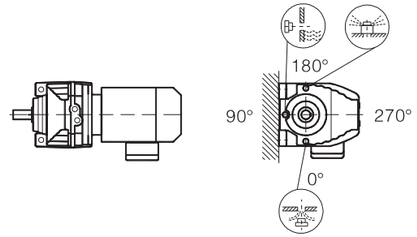




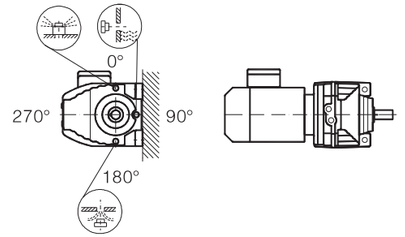




M5

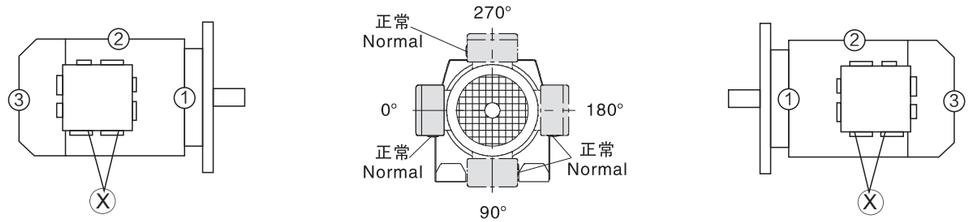


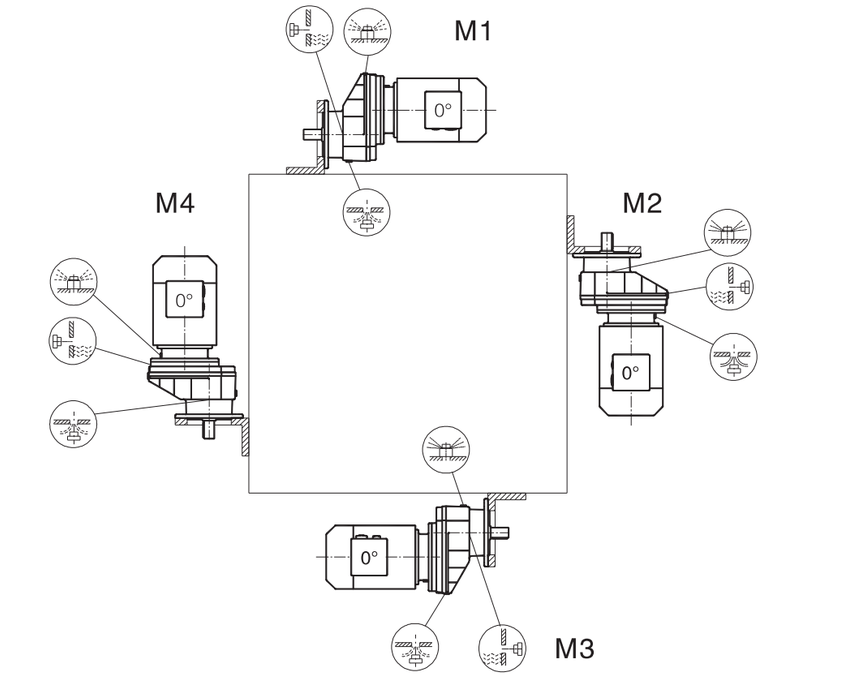
M6

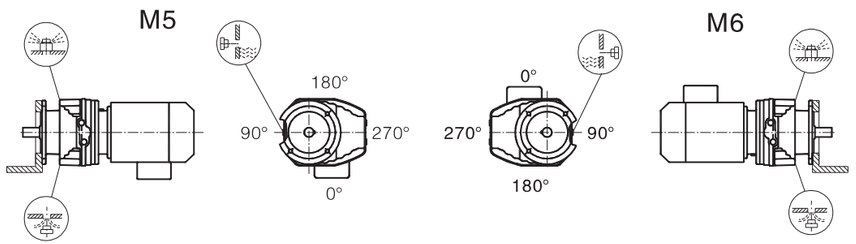


ERXF57-ERXF157

安装形式图 Mounting position example







ER系列恒功率选型参数表
Constant power model selection parameter form of ER series

输出转速 Output speed (r/min)	输出转矩 Output torque (Nm)	传动比 Ratio (i)	使用系数 Service factor (f_B)	机型号 Type	电机极数 Motor pole
0.12kW					
0.06	14700	21490	0.90		
0.08	12500	18227	1.05		
0.09	11000	15989	1.20		
0.10	9480	13838	1.35		
0.11	8390	12244	1.55		
0.12	7640	11153	1.70	ER 147ER77	4
0.14	6710	9795	1.95	ERF147ER77	4
0.17	5700	8312	2.3		
0.19	5020	7320	2.6		
0.21	4490	6556	2.9		
0.25	3800	5546	3.4		
0.11	8910	12996	0.90		
0.12	8020	11701	1.00		
0.13	7240	10563	1.10		
0.16	6010	8776	1.35	ER 137ER77	4
0.19	5120	7472	1.55	ERF137ER77	4
0.21	4500	6571	1.80		
0.24	4030	5882	2.0		
0.27	3510	5119	2.3		
0.18	5200	7589	0.85		
0.21	4640	6767	0.95		
0.24	4040	5897	1.05		
0.27	3550	5187	1.20	ER 107ER77	4
0.31	3030	4423	1.40	ERF107ER77	4
0.36	2670	3892	1.60		
0.41	2350	3423	1.85		
0.46	2090	3048	2.1		
0.36	2650	3863	1.60		
0.41	2310	3372	1.85		
0.45	2100	3060	2.1	ER 107ER77	4
0.53	1780	2603	2.4	ERF107ER77	4
0.61	1570	2296	2.7		
0.66	1430	2092	3.0		
0.31	3110	4534	0.95	ER 97ER57	4
0.35	2740	4002	1.10	ERF97ER57	4
0.40	2390	3485	1.25		
0.31	3110	4543	0.95		
0.33	2910	4239	1.05		
0.38	2530	3690	1.20		
0.46	2090	3054	1.45	ER 97ER57	4
0.52	1830	2664	1.65	ERF97ER57	4
0.62	1540	2251	1.95		
0.70	1360	1980	2.2		
0.80	1190	1738	2.5		
0.45	2120	3099	1.40		
0.52	1850	2698	1.60		
0.60	1590	2324	1.90		
0.77	1240	1813	2.4	ER 97ER57	4
0.88	1080	1581	2.8	ERF97ER57	4
1.0	950	1389	3.2		
1.1	840	1230	3.6		
0.49	1940	2834	0.80		
0.55	1740	2545	0.90	ER 87ER57	4
0.63	1500	2192	1.05	ERF87ER57	4
0.71	1340	1961	1.15		
0.54	1760	2571	0.90		
0.66	1450	2119	1.05	ER 87ER57	4
0.72	1320	1922	1.20	ERF87ER57	4
0.80	1180	1728	1.30		
0.81	1180	1722	1.30		
0.90	1060	1541	1.45		
1.1	900	1312	1.70	ER 87ER57	4
1.2	780	1140	2.0	ERF87ER57	4
1.4	695	1011	2.2		

输出转速 Output speed (r/min)	输出转矩 Output torque (Nm)	传动比 Ratio (i)	使用系数 Service factor (f_B)	机型号 Type	电机极数 Motor pole
0.12kW					
1.6	610	889	2.5	ER 87ER57	4
1.8	535	783	2.9	ERF87ER57	4
1.1	880	1281	0.95		
1.2	770	1121	1.05	ER 77ER37	4
1.3	705	1030	1.15	ERF77ER37	4
1.5	620	908	1.30		
1.2	820	1203	1.00		
1.3	745	1086	1.10		
1.5	640	936	1.30	ER 77ER37	4
1.7	560	818	1.45	ERF77ER37	4
1.9	500	728	1.65		
2.2	440	640	1.85		
2.7	360	523	2.3		
3.0	315	458	2.6	ER 77ER37	4
3.3	290	421	2.8	ERF77ER37	4
3.9	245	360	3.3		
1.6	610	893	1.00		
1.9	495	722	1.20		
2.2	440	640	1.35	ER 67ER37	4
2.4	395	574	1.55	ERF67ER37	4
2.9	335	487	1.80		
1.7	570	835	1.05		
1.8	515	754	1.15		
2.1	450	653	1.35	ER 67ER37	4
2.4	395	573	1.55	ERF67ER37	4
2.8	340	496	1.75		
3.2	300	438	2.0		
1.8	535	779	0.85		
2.1	460	673	1.00		
2.3	410	597	1.10		
2.6	365	536	1.25	ER 57ER37	4
3.0	325	471	1.40	ERF57ER37	4
3.9	245	357	1.85		
4.3	220	323	2.0		
3.9	245	359	1.85		
4.3	225	326	2.0		
4.7	200	294	2.2	ER 57ER37	4
5.3	180	263	2.5	ERF57ER37	4
5.7	167	244	2.7		
6.3	151	221	3.0		
2.8	340	498	0.90		
3.3	290	426	1.05	ER 47ER37	4
3.5	275	399	1.10	ERF47ER37	4
4.1	230	336	1.30		
2.6	365	533	0.80		
2.8	335	490	0.90		
3.3	285	419	1.05		
3.8	250	363	1.20		
4.1	235	340	1.30	ER 47ER37	4
4.7	200	294	1.50	ERF47ER37	4
5.6	171	249	1.75		
6.2	153	223	1.95		
7.3	130	190	2.3		
4.1	230	338	0.85		
4.7	205	296	1.00		
5.4	177	258	1.15	ER 37ER17	4
6.1	156	228	1.30	ERF37ER17	4
7.0	136	199	1.45		
8.1	118	172	1.70		
4.2	225	328	0.90		
4.8	198	289	1.00	ER 37ER17	4
5.2	182	265	1.10	ERF37ER17	4
6.2	155	226	1.30		

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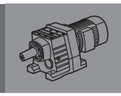
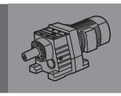


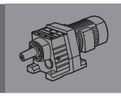
输出转速 Output speed (r/min)	输出转矩 Output torque (Nm)	传动比 Ratio (i)	使用系数 Service factor (f_B)	机型号 Type	电机极数 Motor pole
0.12kW					
6.9	138	202	1.45	ER 37ER17	4
7.8	123	179	1.65	ERF37ER17	4
5.9	161	235	0.80		
6.8	140	205	0.95	ER 27ER17	4
7.6	125	182	1.05	ERF27ER17	4
8.2	117	170	1.10		
6.0	160	233	0.80		
6.7	143	208	0.90	ER 27ER17	4
7.6	126	184	1.05	ERF27ER17	4
8.7	110	160	1.20		
7.3	157	190.00	3.8	ER 67	4
7.9	144	175.03	4.2	ERF67	4
8.2	140	169.54	3.2		
8.9	129	156.18	3.5	ER 57	4
10	111	134.18	4.1	ERF57	4
12	96	116.81	4.7		
8.0	142	172.76	2.1		
8.7	131	159.15	2.3		
10	113	136.73	2.7		
12	98	119.03	3.1	ER 47	4
12	92	111.51	3.3	ERF47	4
14	81	98.52	3.7		
15	75	91.50	4.0		
10	111	134.82	1.80		
11	102	123.66	1.95		
13	87	105.28	2.3	ER 37	4
15	75	90.77	2.7	ERF37	4
16	70	84.61	2.9		
19	61	73.96	3.3		
10	114	138.79	1.15		
11	105	127.30	1.25		
13	89	108.38	1.45		
15	77	93.45	1.70		
16	72	87.10	1.80		
18	63	76.14	2.1	ER 27	4
19	59	71.37	2.2	ERF27	4
22	52	62.98	2.5		
24	47	57.40	2.7		
28	41	49.49	3.2		
30	38	46.13	3.4		
17	67	81.64	1.25		
20	58	70.39	1.45		
21	54	65.61	1.55		
24	47	57.35	1.80		
26	44	53.76	1.90		
29	39	47.44	2.2	ER 17	4
33	35	42.06	2.5	ERF17	4
36	32	38.61	2.7		
38	30	36.20	2.8		
44	26	31.94	3.2		
49	23	28.32	3.6		
58	20	24.07	4.3		
229	5.0	6.07	8.6		
268	4.3	5.18	18	ERX 67	4
307	3.7	4.53	22	ERXF67	4
327	3.5	4.25	23		
253	4.5	5.50	8.6		
274	4.2	5.07	8.6		
320	3.6	4.35	19		
367	3.1	3.79	22	ERX 57	4
392	2.9	3.55	24	ERXF57	4
443	2.6	3.14	25		
478	2.4	2.91	28		

输出转速 Output speed (r/min)	输出转矩 Output torque (Nm)	传动比 Ratio (i)	使用系数 Service factor (f_B)	机型号 Type	电机极数 Motor pole
0.12kW					
527	2.2	2.64	32		
586	2.0	2.37	35	ERX 57	4
681	1.7	2.04	41	ERXF57	4
724	1.6	1.92	44		
842	1.4	1.65	51		
0.18kW					
0.10	14500	13838	0.90		
0.11	12800	12244	1.00		
0.12	11700	11153	1.10		
0.14	10300	9795	1.25		
0.17	8710	8312	1.50		
0.19	7670	7320	1.70	ER 147ER77	4
0.21	6870	6556	1.90	ERF147ER77	4
0.25	5810	5546	2.2		
0.28	5140	4907	2.5		
0.33	4480	4270	2.9		
0.37	3930	3749	3.3		
0.42	3500	3338	3.7		
0.16	9200	8776	0.85		
0.19	7830	7472	1.00		
0.21	6890	6571	1.15		
0.24	6160	5882	1.30	ER 137ER77	4
0.27	5360	5119	1.50	ERF137ER77	4
0.31	4690	4474	1.70		
0.36	4090	3905	1.95		
0.29	5070	4836	1.60		
0.35	4150	3956	1.95		
0.39	3780	3608	2.1	ER 137ER77	4
0.42	3460	3298	2.3	ERF137ER77	4
0.46	3150	3007	2.5		
0.31	4640	4423	0.95		
0.36	4080	3892	1.05	ER 107ER77	4
0.41	3590	3423	1.20	ERF107ER77	4
0.46	3190	3048	1.35		
0.36	4050	3863	1.05		
0.41	3530	3372	1.20		
0.45	3210	3060	1.35	ER 107ER77	4
0.53	2730	2603	1.60	ERF107ER77	4
0.61	2410	2296	1.80		
0.66	2190	2092	1.95		
0.70	2090	1995	2.1		
0.77	1900	1809	2.3	ER 107ER77	4
0.87	1670	1597	2.6	ERF107ER77	4
1.1	1270	1216	3.4		
0.52	2790	2664	1.05		
0.62	2360	2251	1.25		
0.70	2080	1980	1.45		
0.80	1820	1738	1.65		
0.86	1690	1616	1.75		
0.97	1500	1427	2.0	ER 97ER57	4
1.2	1260	1203	2.4	ERF97ER57	4
1.3	1140	1090	2.6		
1.5	980	933	3.1		
1.6	920	874	3.3		
1.8	810	769	3.7		
0.45	3250	3099	0.90		
0.52	2830	2698	1.05	ER 97ER57	4
0.60	2440	2324	1.25	ERF97ER57	4
0.77	1900	1813	1.60		
0.93	1570	1500	1.00		
0.98	1490	1418	1.05	ER 87ER57	4
1.1	1290	1231	1.20	ERF87ER57	4



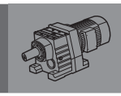
输出转速 Output speed (r/min)	输出转矩 Output torque (Nm)	传动比 Ratio (i)	使用系数 Service factor (f_B)	机型号 Type	电机极数 Motor pole
0.18kW					
1.2	1190	1136	1.30		
1.3	1100	1052	1.40	ER 87ER57	4
1.5	990	941	1.55	ERF87ER57	4
1.7	830	795	1.85		
0.90	1620	1541	0.95		
1.1	1380	1312	1.15		
1.2	1190	1140	1.30	ER 87ER57	4
1.4	1060	1011	1.45	ERF87ER57	4
1.6	930	889	1.65		
1.8	820	783	1.90		
1.6	920	874	0.90		
1.8	800	764	1.00	ER 77ER37	4
2.0	710	679	1.15	ERF77ER37	4
2.4	600	573	1.35		
1.7	860	818	0.95		
1.9	765	728	1.05		
2.2	670	640	1.20		
2.5	595	566	1.40		
2.9	505	482	1.60	ER 77ER37	4
3.2	455	435	1.80	ERF77ER37	4
3.7	390	374	2.1		
4.2	345	328	2.4		
4.8	305	291	2.7		
2.4	600	574	1.00	ER 67ER37	4
2.9	510	487	1.20	ERF67ER37	4
2.4	600	573	1.00		
2.8	520	496	1.15		
3.2	460	438	1.30		
3.5	415	394	1.45	ER 67ER37	4
4.1	360	343	1.65	ERF67ER37	4
4.7	305	293	1.95		
5.3	275	261	2.2		
3.1	470	447	0.95	ER 57ER37	4
3.4	430	410	1.05	ERF57ER37	4
3.0	495	471	0.90		
3.9	375	357	1.20		
4.3	340	323	1.35	ER 57ER37	4
5.1	285	271	1.60	ERF57ER37	4
5.8	250	239	1.80		
6.5	225	215	2.0		
3.9	375	359	1.20		
4.3	340	326	1.30		
4.7	310	294	1.45		
5.3	275	263	1.65	ER 57ER37	4
5.7	255	244	1.75	ERF57ER37	4
6.3	230	221	1.95		
7.4	197	188	2.3		
8.7	167	159	2.7		
4.7	310	294	0.95		
5.6	260	249	1.15	ER 47ER37	4
6.2	235	223	1.30	ERF47ER37	4
7.3	199	190	1.50		
7.0	210	199	0.95		
8.1	180	172	1.10	ER 37ER17	4
9.3	157	150	1.25	ERF37ER17	4
6.9	210	202	0.95		
7.8	188	179	1.05	ER 37ER17	4
8.9	163	156	1.20	ERF37ER17	4
9.6	152	145	0.85		
11	134	128	0.95	ER 27ER17	4
12	118	113	1.10	ERF27ER17	4
14	101	96	1.30		

输出转速 Output speed (r/min)	输出转矩 Output torque (Nm)	传动比 Ratio (i)	使用系数 Service factor (f_B)	机型号 Type	电机极数 Motor pole
0.18kW					
10	146	139	0.90		
11	127	121	1.05	ER 27ER17	4
13	112	107	1.15	ERF27ER17	4
15	97	93	1.35		
3.8	455	225.68	1.80		
4.4	390	192.56	2.1		
5.0	340	168.38	2.4	ER 77	6
5.4	320	158.10	2.6	ERF77	6
6.1	285	140.35	2.9		
7.1	240	119.04	3.4		
6.2	280	225.68	2.9		
7.2	240	192.56	3.4		
8.3	210	168.38	3.9	ER 77	4
8.8	196	158.10	4.2	ERF77	4
9.9	174	140.35	4.7		
4.5	385	190.00	1.55		
4.9	355	175.03	1.70		
5.7	305	150.37	1.95		
6.5	265	130.91	2.3		
6.9	250	122.64	2.4	ER 67	6
7.8	220	108.35	2.7	ERF67	6
8.4	205	100.63	2.9		
9.3	184	91.20	3.3		
10	166	81.89	3.6		
12	143	70.53	4.2		
7.3	235	190.00	2.6		
7.9	215	175.03	2.8		
9.2	186	150.37	3.2		
11	162	130.91	3.7	ER 67	4
11	152	122.64	4.0	ERF67	4
13	134	108.35	4.5		
14	124	100.63	4.8		
5.0	345	169.54	1.30		
5.4	315	156.18	1.40	ER 57	6
6.3	270	134.18	1.65	ERF57	6
7.3	235	116.81	1.90		
8.2	210	169.54	2.1		
8.9	193	156.18	2.3		
10	166	134.18	2.7		
12	144	116.81	3.1	ER 57	4
13	135	109.43	3.3	ERF57	4
14	120	96.68	3.8		
15	111	89.80	4.1		
8.0	215	172.76	1.40		
8.7	197	159.15	1.50		
10	169	136.73	1.75		
12	147	119.03	2.0		
12	138	111.51	2.2	ER 47	4
14	122	98.52	2.5	ERF47	4
15	113	91.50	2.7		
17	103	82.93	2.9		
19	92	74.46	3.3		
6.9	250	123.66	0.80		
8.1	215	105.28	0.95	ER 37	6
9.4	184	90.77	1.10	ERF37	6
10	171	84.61	1.15		
10	167	134.82	1.20		
11	153	123.66	1.30		
13	130	105.28	1.55		
15	112	90.77	1.80	ER 37	4
16	105	84.61	1.90	ERF37	4
19	91	73.96	2.2		
20	86	69.33	2.3		



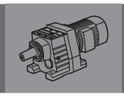
输出转速 Output speed (r/min)	输出转矩 Output torque (Nm)	传动比 Ratio (i)	使用系数 Service factor (f_B)	机型号 Type	电机极数 Motor pole
0.18kW					
23	76	61.18	2.6	ER 37	4
25	69	55.76	2.9	ERF37	4
29	59	48.08	3.4		
11	157	127.30	0.85		
13	134	108.38	0.95		
15	116	93.45	1.10		
16	108	87.10	1.20		
18	94	76.14	1.40		
19	88	71.37	1.45		
22	78	62.98	1.65		
24	71	57.40	1.85	ER 27	4
28	61	49.49	2.1	ERF27	4
30	57	46.13	2.3		
34	50	40.33	2.6		
37	47	37.80	2.8		
42	41	33.36	3.2		
47	37	29.57	3.6		
55	31	25.14	4.2		
48	36	29.15	3.6		
52	33	26.80	3.9		
61	28	22.93	4.6		
70	25	19.88	5.3	ER 27	4
75	23	18.58	5.7	ERF27	4
87	20	16.06	6.5		
102	17	13.64	7.7		
17	101	81.64	0.85		
20	87	70.39	1.00		
21	81	65.61	1.05		
24	71	57.35	1.20		
26	66	53.76	1.30		
29	59	47.44	1.45	ER 17	4
33	52	42.06	1.65	ERF17	4
36	48	38.61	1.80		
38	45	36.20	1.90		
44	39	31.94	2.2		
49	35	28.32	2.4		
58	30	24.07	2.9		
55	31	25.23	2.7		
60	29	23.15	3.0		
71	24	19.71	3.5		
82	21	16.99	4.0		
88	20	15.84	4.3		
100	17	13.84	5.0		
107	16	12.98	5.3		
121	14	11.45	5.7		
137	13	10.15	6.1	ER 17	4
161	11	8.63	6.7	ERF17	4
184	9.3	7.55	6.0		
197	8.7	7.04	6.3		
226	7.6	6.15	7.1		
241	7.1	5.76	7.4		
273	6.3	5.09	8.1		
308	5.6	4.51	8.6		
363	4.7	3.83	9.5		
140	12	6.07	3.5		
164	10	5.18	7.2	ERX 67	6
188	9.2	4.53	9.0	ERXF67	6
200	8.6	4.25	9.3		
229	7.5	6.07	5.7		
268	6.4	5.18	12		
307	5.6	4.53	15	ERX 67	4
327	5.3	4.25	15	ERXF67	4
369	4.7	3.77	19		
434	4.0	3.20	25		

输出转速 Output speed (r/min)	输出转矩 Output torque (Nm)	传动比 Ratio (i)	使用系数 Service factor (f_B)	机型号 Type	电机极数 Motor pole
0.18kW					
481	3.6	2.89	30		
547	3.1	2.54	38	ERX 67	4
579	3.0	2.40	41	ERXF67	4
681	2.5	2.04	53		
155	11	5.50	3.5		
168	10	5.07	3.5	ERX 57	6
195	8.8	4.35	7.7	ERXF57	6
224	7.7	3.79	9.0		
253	6.8	5.50	5.7		
274	6.3	5.07	5.7		
320	5.4	4.35	13		
367	4.7	3.79	15		
392	4.4	3.55	16		
443	3.9	3.14	17	ERX 57	4
478	3.6	2.91	19	ERXF57	4
527	3.3	2.64	21		
586	2.9	2.37	24		
681	2.5	2.04	27		
724	2.4	1.92	29		
842	2.0	1.65	34		
0.25kW					
0.14	14300	9795	0.90		
0.17	12200	8312	1.05		
0.19	10700	7320	1.20		
0.21	9600	6556	1.35		
0.25	8120	5546	1.60	ER 147ER77	4
0.28	7190	4907	1.80	ERF147ER77	4
0.33	6250	4270	2.1		
0.37	5490	3749	2.4		
0.42	4890	3338	2.7		
0.48	4250	2901	3.1		
0.24	8610	5882	0.95		
0.27	7500	5119	1.05	ER 137ER77	4
0.31	6550	4474	1.20	ERF137ER77	4
0.36	5720	3905	1.40		
0.29	7080	4836	1.15		
0.35	5790	3956	1.40		
0.39	5280	3608	1.50	ER 137ER77	4
0.42	4830	3298	1.65	ERF137ER77	4
0.46	4400	3007	1.80		
0.52	3920	2675	2.0		
0.57	3570	2435	2.2		
0.67	3030	2071	2.6	ER 137ER77	4
0.87	2340	1597	3.4	ERF137ER77	4
0.99	2050	1397	3.9		
1.1	1820	1246	4.4		
0.46	4460	3048	0.95	ER 107ER77	4
				ERF107ER77	4
0.45	4480	3060	0.95		
0.53	3810	2603	1.15	ER 107ER77	4
0.61	3360	2296	1.30	ERF107ER77	4
0.66	3060	2092	1.40		
0.70	2920	1995	1.45		
0.77	2650	1809	1.60		
0.87	2340	1597	1.85		
1.1	1780	1216	2.4	ER 107ER77	4
1.3	1610	1096	2.7	ERF107ER77	4
1.5	1360	929	3.2		
1.7	1210	828	3.5		
0.80	2550	1738	1.20	ER 97ER57	4
0.86	2370	1616	1.25	ERF97ER57	4



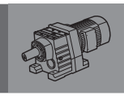
输出转速 Output speed (r/min)	输出转矩 Output torque (Nm)	传动比 Ratio (i)	使用系数 Service factor (f_B)	机型号 Type	电机极数 Motor pole
0.25kW					
0.77	2660	1813	1.15		
0.88	2320	1581	1.30		
1.0	2030	1389	1.45		
1.1	1800	1230	1.65	ER 97ER57	4
1.5	1380	944	2.2	ERF97ER57	4
1.7	1210	823	2.5		
1.9	1080	737	2.8		
2.2	930	637	3.2		
1.2	1660	1136	0.95		
1.3	1540	1052	1.00	ER 87ER57	4
1.5	1380	941	1.10	ERF87ER57	4
1.7	1160	795	1.35		
1.2	1670	1140	0.95		
1.4	1480	1011	1.05		
1.6	1300	889	1.20	ER 87ER57	4
1.8	1150	783	1.35	ERF87ER57	4
3.0	670	456	2.3		
3.4	590	404	2.6		
3.5	575	394	2.7		
3.9	520	354	3.0	ER 87ER57	4
4.6	440	299	3.5	ERF87ER57	4
5.5	370	253	4.2		
2.4	840	573	1.00	ER 77ER37	4
				ERF77ER37	4
2.5	830	566	1.00		
2.9	705	482	1.15		
3.2	635	435	1.30		
3.7	550	374	1.50	ER 77ER37	4
4.2	480	328	1.70	ERF77ER37	4
4.8	425	291	1.90		
5.4	380	259	2.2		
6.3	325	222	2.5		
3.6	575	391	1.05		
3.8	535	365	1.10		
4.5	455	311	1.30		
5.3	385	264	1.55	ER 67ER37	4
5.9	345	234	1.75	ERF67ER37	4
7.0	290	199	2.1		
7.8	260	179	2.3		
4.3	475	323	0.95		
5.1	395	271	1.15		
5.8	350	239	1.30		
6.5	315	215	1.45	ER 57ER37	4
7.5	270	186	1.65	ERF57ER37	4
8.5	240	164	1.85		
9.8	210	142	2.2		
4.3	475	326	0.95		
4.7	430	294	1.05		
5.3	385	263	1.15	ER 57ER37	4
5.7	355	244	1.25	ERF57ER37	4
6.3	325	221	1.40		
6.2	325	223	0.90		
7.3	280	190	1.10	ER 47ER37	4
7.8	260	178	1.15	ERF47ER37	4
9.3	220	150	1.35		
9.3	220	150	0.90		
11	190	130	1.05		
11	182	124	1.10	ER 37ER17	4
13	161	110	1.25	ERF37ER17	4
15	138	94	1.45		
10	198	135	1.00		
11	186	127	1.10	ER 37ER17	4
13	152	104	1.30	ERF37ER17	4
15	132	90	1.50		

输出转速 Output speed (r/min)	输出转矩 Output torque (Nm)	传动比 Ratio (i)	使用系数 Service factor (f_B)	机型号 Type	电机极数 Motor pole
0.25kW					
2.3	1060	285.61	2.8		
2.6	930	252.07	3.2	ER 97	8
2.7	880	237.82	3.4	ERF97	8
3.0	790	213.20	3.8		
2.5	940	253.56	1.65		
2.9	820	222.70	1.90	ER 87	8
3.1	775	209.59	2.0	ERF87	8
3.5	690	186.94	2.2		
3.8	625	168.38	1.30		
4.1	585	158.10	1.40	ER 77	8
4.6	520	140.35	1.60	ERF77	8
5.4	440	119.04	1.85		
3.8	635	225.68	1.30		
4.4	540	192.56	1.50		
5.0	475	168.38	1.75	ER 77	6
5.4	445	158.10	1.85	ERF77	6
6.1	395	140.35	2.1		
6.2	390	225.68	2.1		
7.2	330	192.56	2.5		
8.3	290	168.38	2.8	ER 77	4
8.8	270	158.10	3.0	ERF77	4
9.9	240	140.35	3.4		
12	205	119.04	4.0		
4.5	535	190.00	1.10		
4.9	490	175.03	1.20		
5.7	420	150.37	1.40		
6.5	370	130.91	1.65	ER 67	6
6.9	345	122.64	1.75	ERF67	6
7.8	305	108.35	1.95		
8.4	285	100.63	2.1		
7.3	325	190.00	1.85		
7.9	300	175.03	2.0		
9.2	260	150.37	2.3		
11	225	130.91	2.7	ER 67	4
11	210	122.64	2.8	ERF67	4
13	186	108.35	3.2		
14	173	100.63	3.5		
15	157	91.20	3.8		
5.0	475	169.54	0.95		
5.4	440	156.18	1.05		
6.3	375	134.18	1.20	ER 57	6
7.3	330	116.81	1.35	ERF57	6
7.8	305	109.43	1.45		
8.8	270	96.68	1.65		
8.2	290	169.54	1.55		
8.9	270	156.18	1.70		
10	230	134.18	1.95		
12	200	116.81	2.2		
13	188	109.43	2.4	ER 57	4
14	166	96.68	2.7	ERF57	4
15	154	89.80	2.9		
17	140	81.38	3.2		
19	125	73.07	3.6		
8.0	295	172.76	1.00		
8.7	275	159.15	1.10		
10	235	136.73	1.30		
12	205	119.03	1.45		
12	192	111.51	1.55	ER 47	4
14	169	98.52	1.75	ERF47	4
15	157	91.50	1.90		
17	142	82.93	2.1		
19	128	74.46	2.3		
21	115	66.95	2.6		



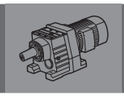
输出转速 Output speed (r/min)	输出转矩 Output torque (Nm)	传动比 Ratio (i)	使用系数 Service factor (f_B)	机型号 Type	电机极数 Motor pole
0.25kW					
22	108	62.72	2.8		
25	95	55.41	3.2	ER 47	4
27	88	51.46	3.4	ERF47	4
30	80	46.64	3.7		
10	230	134.82	0.85		
11	210	123.66	0.95		
13	181	105.28	1.10		
15	156	90.77	1.30		
16	145	84.61	1.40		
19	127	73.96	1.55		
20	119	69.33	1.70	ER 37	4
23	105	61.18	1.90	ERF37	4
25	96	55.76	2.1		
29	83	48.08	2.4		
31	77	44.81	2.6		
35	67	39.17	3.0		
38	63	36.72	3.2		
43	56	32.40	3.6		
16	150	87.10	0.85		
18	131	76.14	1.00		
19	123	71.37	1.05		
22	108	62.98	1.20		
24	99	57.40	1.30		
28	85	49.49	1.55	ER 27	4
30	79	46.13	1.65	ERF27	4
34	69	40.33	1.90		
37	65	37.80	2.0		
42	57	33.36	2.3		
47	51	29.57	2.6		
55	43	25.14	3.0		
48	50	29.15	2.6		
52	46	26.80	2.8		
61	39	22.93	3.3		
70	34	19.88	3.8		
75	32	18.58	4.1		
87	28	16.06	4.7		
102	23	13.64	5.5		
114	21	12.18	6.2		
134	18	10.41	6.8	ER 27	4
148	16	9.41	7.5	ERF27	4
170	14	8.16	8.3		
182	13	7.63	8.5		
211	11	6.59	9.4		
248	9.6	5.60	10		
278	8.6	5.00	11		
326	7.3	4.27	12		
348	6.9	4.00	12		
412	5.8	3.37	14		
24	98	57.35	0.85		
26	92	53.76	0.90		
29	81	47.44	1.05		
33	72	42.06	1.20		
36	66	38.61	1.30	ER 17	4
38	62	36.20	1.35	ERF17	4
44	55	31.94	1.55		
49	49	28.32	1.75		
58	41	24.07	2.1		
55	43	25.23	1.95		
60	40	23.15	2.1		
71	34	19.71	2.5		
82	29	16.99	2.9	ER 17	4
88	27	15.84	3.1	ERF17	4
100	24	13.84	3.6		
107	22	12.98	3.8		
121	20	11.45	4.1		

输出转速 Output speed (r/min)	输出转矩 Output torque (Nm)	传动比 Ratio (i)	使用系数 Service factor (f_B)	机型号 Type	电机极数 Motor pole
0.25kW					
137	17	10.15	4.4		
161	15	8.63	4.9		
184	13	7.55	4.3		
197	12	7.04	4.5		
226	11	6.15	5.1	ER 17	4
241	9.9	5.76	5.4	ERF17	4
273	8.7	5.09	5.8		
308	7.7	4.51	6.2		
363	6.6	3.83	6.8		
140	17	6.07	2.5		
164	15	5.18	5.2	ERX 67	6
188	13	4.53	6.4	ERXF67	6
200	12	4.25	6.7		
229	10	6.07	4.1		
268	8.9	5.18	8.4		
307	7.8	4.53	11		
327	7.3	4.25	11		
369	6.5	3.77	13	ERX 67	4
434	5.5	3.20	18	ERXF67	4
481	5.0	2.89	21		
547	4.4	2.54	27		
579	4.1	2.40	30		
681	3.5	2.04	38		
155	15	5.50	2.5		
168	14	5.07	2.5	ERX 57	6
195	12	4.35	5.6	ERXF57	6
224	11	3.79	6.5		
253	9.4	5.50	4.1		
274	8.7	5.07	4.1		
320	7.5	4.35	9.1		
367	6.5	3.79	11		
392	6.1	3.55	11		
443	5.4	3.14	12		
478	5.0	2.91	13	ERX 57	4
527	4.5	2.64	15	ERXF57	4
586	4.1	2.37	17		
681	3.5	2.04	20		
724	3.3	1.92	21		
842	2.8	1.65	24		
0.37kW					
0.19	16000	7320	0.80		
0.21	14400	6556	0.90		
0.25	12100	5546	1.05		
0.28	10700	4907	1.20	ER 147ER77	4
0.33	9350	4270	1.40	ERF147ER77	4
0.37	8210	3749	1.60		
0.42	7310	3338	1.80		
0.48	6350	2901	2.0		
0.31	9800	4474	0.80	ER 137ER77	4
0.36	8550	3905	0.95	ERF137ER77	4
0.35	8660	3956	0.90		
0.39	7900	3608	1.00		
0.42	7220	3298	1.10	ER 137ER77	4
0.46	6590	3007	1.20	ERF137ER77	4
0.55	5530	2525	1.45		
0.63	4870	2222	1.65		
0.52	5860	2675	1.35		
0.57	5330	2435	1.50		
0.67	4540	2071	1.75		
0.87	3500	1597	2.3	ER 137ER77	4
0.99	3060	1397	2.6	ERF137ER77	4
1.1	2730	1246	2.9		
1.3	2410	1100	3.3		
1.5	2080	952	3.8		



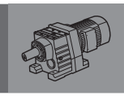
输出转速 Output speed (r/min)	输出转矩 Output torque (Nm)	传动比 Ratio (i)	使用系数 Service factor (f_B)	机型号 Type	电机极数 Motor pole
0.37kW					
0.66	4580	2092	0.95		
0.81	3760	1718	1.15		
0.91	3330	1522	1.30	ER 107ER77	4
1.0	3050	1394	1.40	ERF107ER77	4
1.2	2600	1187	1.65		
1.3	2270	1036	1.90		
0.70	4370	1995	1.00		
0.77	3960	1809	1.10		
0.87	3500	1597	1.25		
1.1	2660	1216	1.60	ER 107ER77	4
1.3	2400	1096	1.80	ERF107ER77	4
1.5	2030	929	2.1		
1.7	1810	828	2.4		
1.2	2630	1203	1.15	ER 97ER57	4
1.3	2390	1090	1.25	ERF97ER57	4
1.0	3040	1389	1.00		
1.1	2690	1230	1.10		
1.5	2070	944	1.45		
1.7	1800	823	1.65		
1.9	1610	737	1.85	ER 97ER57	4
2.2	1400	637	2.2	ERF97ER57	4
2.5	1230	560	2.4		
2.9	1050	478	2.9		
3.7	830	377	3.6		
4.2	725	332	4.1		
1.7	1740	795	0.90		
1.9	1630	744	0.95	ER 87ER57	4
2.2	1410	644	1.10	ERF87ER57	4
1.8	1710	783	0.90		
3.0	1000	456	1.55	ER 87ER57	4
3.4	880	404	1.75	ERF87ER57	4
2.6	1180	539	1.30		
3.0	1030	469	1.50		
3.5	860	394	1.80		
3.9	775	354	2.0	ER 87ER57	4
4.6	655	299	2.4	ERF87ER57	4
5.5	555	253	2.8		
6.0	505	231	3.1		
3.7	820	374	1.00		
4.2	720	328	1.15		
4.8	635	291	1.30		
5.4	565	259	1.45	ER 77ER37	4
6.3	485	222	1.70	ERF77ER37	4
7.1	430	196	1.90		
8.0	380	173	2.2		
9.3	330	150	2.5		
4.7	640	293	0.95		
5.3	570	261	1.05	ER 67ER37	4
6.1	500	229	1.20	ERF67ER37	4
7.0	435	198	1.40		
3.1	1140	285.61	2.6		
3.5	1010	252.07	3.0	ER 97	6
3.7	950	237.82	3.2	ERF97	6
4.2	850	213.20	3.5		
3.5	1010	253.56	1.55		
4.0	890	222.70	1.75		
4.2	840	209.59	1.85	ER 87	6
4.7	745	186.94	2.1	ERF87	6
5.5	640	159.76	2.4		
6.1	580	145.00	2.7		

输出转速 Output speed (r/min)	输出转矩 Output torque (Nm)	传动比 Ratio (i)	使用系数 Service factor (f_B)	机型号 Type	电机极数 Motor pole
0.37kW					
5.3	670	168.38	1.20		
5.6	630	158.10	1.30	ER 77	6
6.3	560	140.35	1.45	ERF77	6
6.2	575	225.68	1.45		
7.2	490	192.56	1.70		
8.3	430	168.38	1.90		
8.8	400	158.10	2.0	ER 77	4
9.9	355	140.35	2.3	ERF77	4
12	305	119.04	2.7		
13	275	107.47	3.0		
15	240	94.55	3.4		
16	225	89.28	3.6		
5.9	600	150.37	1.00		
6.8	525	130.91	1.15	ER 67	6
7.2	490	122.64	1.25	ERF67	6
8.2	435	108.35	1.40		
7.3	485	190.00	1.25		
7.9	445	175.03	1.35		
9.2	380	150.37	1.55		
11	335	130.91	1.80		
11	310	122.64	1.90		
13	275	108.35	2.2		
14	255	100.63	2.3	ER 67	4
15	230	91.20	2.6	ERF67	4
17	210	81.89	2.9		
20	179	70.53	3.3		
21	169	66.33	3.6		
23	153	60.01	3.9		
25	142	55.74	4.2		
6.6	535	134.18	0.85		
7.6	465	116.81	0.95	ER 57	6
8.1	435	109.43	1.05	ERF57	6
9.2	385	96.68	1.15		
8.2	430	169.54	1.05		
8.9	395	156.18	1.15		
10	340	134.18	1.30		
12	295	116.81	1.50		
13	280	109.43	1.60		
14	245	96.68	1.85		
15	230	89.80	1.95	ER 57	4
17	205	81.38	2.2	ERF57	4
19	186	73.07	2.4		
21	164	64.70	2.7		
23	154	60.61	2.9		
26	136	53.55	3.3		
28	126	49.74	3.6		
10	350	136.73	0.85		
12	305	119.03	1.00		
12	285	111.51	1.05		
14	250	98.52	1.20		
15	235	91.50	1.30		
17	210	82.93	1.40		
19	189	74.46	1.60		
21	170	66.95	1.75	ER 47	4
22	159	62.72	1.90	ERF47	4
25	141	55.41	2.1		
27	131	51.46	2.3		
30	119	46.64	2.5		
33	106	41.88	2.8		
39	92	36.07	3.3		
41	86	33.92	3.5		



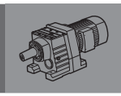
输出转速 Output speed (r/min)	输出转矩 Output torque (Nm)	传动比 Ratio (i)	使用系数 Service factor (f_B)	机型号 Type	电机极数 Motor pole
0.37kW					
42	84	33.00	2.9		
46	77	30.40	2.8		
53	66	26.12	4.5	ER 47	4
61	58	22.74	5.2	ERF47	4
65	54	21.30	5.5		
15	230	90.77	0.85		
16	215	84.61	0.95		
19	188	73.96	1.05		
20	176	69.33	1.15		
23	156	61.18	1.30		
25	142	55.76	1.40		
29	122	48.08	1.65	ER 37	4
31	114	44.81	1.75	ERF37	4
35	100	39.17	2.0		
38	93	36.72	2.1		
43	82	32.40	2.4		
48	73	28.73	2.7		
57	62	24.42	3.2		
49	72	28.32	2.8		
53	66	26.03	2.8		
62	57	22.27	3.5		
72	49	19.31	4.1	ER 37	4
77	46	18.05	4.4	ERF37	4
89	40	15.60	5.0		
105	34	13.25	5.6		
117	30	11.83	6.1		
22	160	62.98	0.80		
24	146	57.40	0.90		
28	126	49.49	1.05		
30	117	46.13	1.10		
34	103	40.33	1.25	ER 27	4
37	96	37.80	1.35	ERF27	4
42	85	33.36	1.55		
47	75	29.57	1.75		
55	64	25.14	2.0		
48	74	29.15	1.75		
52	68	26.80	1.90		
61	58	22.93	2.2		
70	51	19.88	2.6	ER 27	4
75	47	18.58	2.8	ERF27	4
87	41	16.06	3.2		
102	35	13.64	3.7		
36	98	38.61	0.85		
38	92	36.20	0.90		
44	81	31.94	1.05	ER 17	4
49	72	28.32	1.20	ERF17	4
58	61	24.07	1.40		
55	64	25.23	1.35		
60	59	23.15	1.45		
71	50	19.71	1.70		
82	43	16.99	1.95		
88	40	15.84	2.1		
100	35	13.84	2.4		
107	33	12.98	2.6	ER 17	4
121	29	11.45	2.8	ERF17	4
137	26	10.15	3.0		
161	22	8.63	3.3		
184	19	7.55	2.9		
197	18	7.04	3.1		
226	16	6.15	3.5		
241	15	5.76	3.6		
273	13	5.09	3.9		
308	11	4.51	4.2		
363	9.7	3.83	4.6		

输出转速 Output speed (r/min)	输出转矩 Output torque (Nm)	传动比 Ratio (i)	使用系数 Service factor (f_B)	机型号 Type	电机极数 Motor pole
0.37kW					
171	21	5.18	3.6		
195	18	4.53	4.5	ERX 67	6
208	17	4.25	4.7	ERXF67	6
235	15	3.77	5.8		
229	15	6.07	2.8		
268	13	5.18	5.7		
307	12	4.53	7.1		
327	11	4.25	7.4		
369	9.6	3.77	9.1	ERX 67	4
434	8.1	3.20	12	ERXF67	4
481	7.3	2.89	14		
547	6.5	2.54	18		
579	6.1	2.40	20		
681	5.2	2.04	26		
203	17	4.35	3.9		
234	15	3.79	4.6	ERX 57	6
249	14	3.55	4.9	ERXF57	6
253	14	5.50	2.8		
274	13	5.07	2.8		
320	11	4.35	6.1		
367	9.6	3.79	7.2		
392	9.0	3.55	7.6		
443	8.0	3.14	8.1	ERX 57	4
478	7.4	2.91	9.1	ERXF57	4
527	6.7	2.64	10		
586	6.0	2.37	11		
681	5.2	2.04	13		
724	4.9	1.92	14		
842	4.2	1.65	16		
0.55kW					
0.23	19800	6064	0.90		
0.26	17600	5395	1.00	ER 167ER97	4
0.30	15100	4644	1.20	ERF167ER97	4
0.37	12200	3741	1.50		
0.28	16000	4907	0.80		
0.33	13900	4270	0.95		
0.37	12200	3749	1.05	ER 147ER77	4
0.42	10900	3338	1.20	ERF147ER77	4
0.48	9450	2901	1.40		
0.55	8160	2506	1.60		
0.63	7240	2222	1.80		
0.71	6380	1957	2.0	ER 147ER77	4
0.80	5630	1727	2.3	ERF147ER77	4
1.1	4290	1318	3.0		
1.2	3770	1156	3.5		
0.55	8230	2525	0.95	ER 137ER77	4
				ERF137ER77	4
0.52	8720	2675	0.90		
0.57	7930	2435	1.00		
0.67	6750	2071	1.20		
0.87	5200	1597	1.55		
0.99	4550	1397	1.75	ER 137ER77	4
1.1	4060	1246	1.95	ERF137ER77	4
1.3	3580	1100	2.2		
1.5	3100	952	2.6		
1.7	2680	824	3.0		
1.0	4540	1394	0.95		
1.2	3870	1187	1.10	ER 107ER77	4
1.3	3380	1036	1.25	ERF107ER77	4



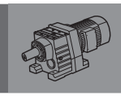
输出转速 Output speed (r/min)	输出转矩 Output torque (Nm)	传动比 Ratio (i)	使用系数 Service factor (f_B)	机型号 Type	电机极数 Motor pole
0.55kW					
1.5	3000	920	1.45		
1.7	2660	815	1.60	ER 107ER77	4
1.9	2400	737	1.80	ERF107ER77	4
2.2	2070	636	2.1		
1.1	3960	1216	1.10		
1.3	3570	1096	1.20	ER 107ER77	4
1.5	3030	929	1.40	ERF107ER77	4
1.7	2700	828	1.60		
1.7	2680	823	1.10		
1.9	2400	737	1.25		
2.2	2080	637	1.45		
2.5	1820	560	1.65		
2.9	1560	478	1.95	ER 97ER57	4
3.7	1230	377	2.4	ERF97ER57	4
4.2	1080	332	2.8		
4.7	970	297	3.1		
5.7	795	244	3.8		
2.6	1710	525	0.90		
3.0	1490	456	1.05		
3.4	1320	404	1.20	ER 87ER57	4
3.9	1160	357	1.35	ERF87ER57	4
4.5	1010	309	1.55		
3.0	1530	469	1.00		
3.5	1280	394	1.20	ER 87ER57	4
3.9	1150	354	1.35	ERF87ER57	4
4.9	920	281	0.90		
6.0	755	231	1.10	ER 77ER37	4
6.3	715	219	1.15	ERF77ER37	4
7.5	605	185	1.35		
2.7	1980	252.07	1.50		
2.8	1860	237.82	1.60	ER 97	8
3.1	1670	213.20	1.80	ERF97	8
3.1	1690	285.61	1.75		
3.5	1500	252.07	2.0	ER 97	6
3.7	1410	237.82	2.1	ERF97	6
4.2	1270	213.20	2.4		
4.9	1080	285.61	2.8		
5.5	950	252.07	3.1	ER 97	4
5.8	900	237.82	3.3	ERF97	4
6.5	810	213.20	3.7		
3.5	1500	253.56	1.05		
4.0	1320	222.70	1.15		
4.2	1240	209.59	1.25	ER 87	6
4.7	1110	186.94	1.40	ERF87	6
5.5	950	159.76	1.65		
6.1	860	145.00	1.80		
6.2	840	222.70	1.85		
6.6	790	209.59	1.95		
7.4	705	186.94	2.2		
8.7	605	159.76	2.6		
9.6	550	145.00	2.8	ER 87	4
11	485	128.52	3.2	ERF87	4
11	460	121.80	3.4		
13	405	106.60	3.8		
7.2	730	192.56	1.15		
8.3	635	168.38	1.30		
8.8	595	158.10	1.35		
9.9	530	140.35	1.55	ER 77	4
12	450	119.04	1.80	ERF77	4
13	405	107.47	2.0		
15	355	94.55	2.3		
16	335	89.28	2.4		

输出转速 Output speed (r/min)	输出转矩 Output torque (Nm)	传动比 Ratio (i)	使用系数 Service factor (f_B)	机型号 Type	电机极数 Motor pole
0.55kW					
18	285	76.02	2.9		
20	260	69.09	3.1	ER 77	4
22	240	63.74	3.4	ERF77	4
9.2	570	150.37	1.05		
11	495	130.91	1.20		
11	465	122.64	1.30		
13	410	108.35	1.45		
14	380	100.63	1.60		
15	345	91.20	1.75	ER 67	4
17	310	81.89	1.95	ERF67	4
20	265	70.53	2.3		
21	250	66.33	2.4		
23	225	60.01	2.6		
25	210	55.74	2.8		
10	505	134.18	0.90		
12	440	116.81	1.00		
13	415	109.43	1.10		
14	365	96.68	1.25		
15	340	89.80	1.35		
17	305	81.38	1.45		
19	275	73.07	1.65		
21	245	64.70	1.85		
23	230	60.61	1.95	ER 57	4
26	200	53.55	2.2	ERF57	4
28	188	49.74	2.4		
31	170	45.07	2.6		
34	153	40.47	2.9		
40	132	34.86	3.4		
42	124	32.78	3.6		
49	107	28.21	4.2		
55	95	25.20	4.7		
58	90	23.87	5.0		
62	85	22.41	5.3	ER 57	4
70	75	19.89	6.0	ERF57	4
14	370	98.52	0.80		
15	345	91.50	0.85		
17	315	82.93	0.95		
19	280	74.46	1.05		
21	255	66.95	1.20		
22	235	62.72	1.25		
25	210	55.41	1.45	ER 47	4
27	194	51.46	1.55	ERF47	4
30	176	46.64	1.70		
33	158	41.88	1.90		
39	136	36.07	2.2		
41	128	33.92	2.3		
48	110	29.19	2.7		
53	99	26.08	3.0		
61	86	22.74	3.5	ER 47	4
65	80	21.30	3.7	ERF47	4
23	230	61.18	0.85		
25	210	55.76	0.95		
29	182	48.08	1.10		
31	169	44.81	1.20		
35	148	39.17	1.35	ER 37	4
38	139	36.72	1.45	ERF37	4
43	122	32.40	1.65		
48	109	28.73	1.85		
57	92	24.42	2.2		
72	73	19.31	2.7		
77	68	18.05	2.9		
89	59	15.60	3.4	ER 37	4
105	50	13.25	3.8	ERF37	4
117	45	11.83	4.1		



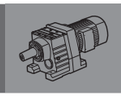
输出转速 Output speed (r/min)	输出转矩 Output torque (Nm)	传动比 Ratio (i)	使用系数 Service factor (f_B)	机型号 Type	电机极数 Motor pole
0.55kW					
34	152	40.33	0.85		
37	143	37.80	0.90		
42	126	33.36	1.05	ER 27	4
47	112	29.57	1.15	ERF27	4
55	95	25.14	1.35		
61	87	22.93	1.50		
70	75	19.88	1.75		
75	70	18.58	1.85		
87	61	16.06	2.1		
102	52	13.64	2.5		
114	46	12.18	2.8		
134	39	10.41	3.1		
142	37	9.75	3.3	ER 27	4
170	31	8.16	3.8	ERF27	4
182	29	7.63	3.9		
211	25	6.59	4.3		
248	21	5.60	4.7		
278	19	5.00	5.0		
326	16	4.27	5.4		
348	15	4.00	5.6		
412	13	3.37	6.2		
49	107	28.32	0.80	ER 17	4
58	91	24.07	0.95	ERF17	4
71	74	19.71	1.15		
82	64	16.99	1.30		
88	60	15.84	1.40		
100	52	13.84	1.65		
107	49	12.98	1.75		
121	43	11.45	1.85		
137	38	10.15	2.0		
161	33	8.63	2.2	ER 17	4
184	29	7.55	1.95	ERF17	4
197	27	7.04	2.1		
226	23	6.15	2.3		
241	22	5.76	2.4		
273	19	5.09	2.7		
308	17	4.51	2.8		
363	14	3.83	3.1		
171	31	5.18	2.4		
195	27	4.53	3.1	ERX 67	6
208	25	4.25	3.2	ERXF67	6
235	22	3.77	3.9		
268	20	5.18	3.8		
307	17	4.53	4.8		
327	16	4.25	5.0		
369	14	3.77	6.1		
434	12	3.20	8.3		
481	11	2.89	9.7	ERX 67	4
547	9.6	2.54	12	ERXF67	4
579	9.1	2.40	14		
681	7.7	2.04	17		
747	7.0	1.86	18		
863	6.1	1.61	19		
203	26	4.35	2.6		
234	22	3.79	3.1		
249	21	3.55	3.3	ERX 57	6
282	19	3.14	3.5	ERXF57	6
304	17	2.91	3.9		
320	16	4.35	4.1		
367	14	3.79	4.8		
392	13	3.55	5.1	ERX 57	4
443	12	3.14	5.5	ERXF57	4
478	11	2.91	6.1		
527	10	2.64	6.9		

输出转速 Output speed (r/min)	输出转矩 Output torque (Nm)	传动比 Ratio (i)	使用系数 Service factor (f_B)	机型号 Type	电机极数 Motor pole
0.55kW					
586	9.0	2.37	7.7		
681	7.7	2.04	9.0		
724	7.3	1.92	9.5	ERX 57	4
842	6.2	1.65	11	ERXF57	4
939	5.6	1.48	12		
1105	4.8	1.26	13		
0.75kW					
0.30	20700	4644	0.85		
0.37	16700	3741	1.10	ER 167ER97	4
0.45	13800	3092	1.30	ERF167ER97	4
0.52	11800	2652	1.50		
0.60	10300	2300	1.75	ER 167ER97	4
0.68	9180	2055	1.95	ERF167ER97	4
0.97	6410	1434	2.8		
0.42	14900	3338	0.85	ER 147ER77	4
0.48	13000	2901	1.00	ERF147ER77	4
0.55	11200	2506	1.15		
0.63	9930	2222	1.30		
0.71	8740	1957	1.50	ER 147ER77	4
0.80	7710	1727	1.70	ERF147ER77	4
1.1	5890	1318	2.2		
1.2	5160	1156	2.5		
0.73	8550	1913	0.95		
0.86	7250	1623	1.10	ER 137ER77	4
1.0	6100	1366	1.30	ERF137ER77	4
1.1	5510	1233	1.45		
0.67	9250	2071	0.85		
0.87	7130	1597	1.10		
0.99	6240	1397	1.30		
1.1	5570	1246	1.45	ER 137ER77	4
1.3	4910	1100	1.65	ERF137ER77	4
1.5	4250	952	1.90		
1.7	3680	824	2.2		
2.2	2780	622	2.9		
1.3	4630	1036	0.95		
1.5	4110	920	1.05	ER 107ER77	4
1.7	3640	815	1.20	ERF107ER77	4
1.5	4150	929	1.05		
1.7	3700	828	1.15	ER 107ER77	4
3.8	1630	366	2.6	ERF107ER77	4
4.3	1440	323	3.0		
2.2	2850	637	1.05		
2.5	2500	560	1.20		
2.9	2140	478	1.40		
3.7	1680	377	1.80	ER 97ER57	4
4.2	1480	332	2.0	ERF97ER57	4
4.7	1330	297	2.3		
5.7	1090	244	2.8		
3.4	1800	404	0.85		
3.9	1590	357	0.95	ER 87ER57	4
4.5	1380	309	1.10	ERF87ER57	4
3.9	1580	354	1.00		
4.6	1340	299	1.15	ER 87ER57	4
5.5	1130	253	1.35	ERF87ER57	4
2.7	2640	250.65	1.65		
3.0	2420	229.49	1.80	ER 107	8
3.4	2140	202.75	2.0	ERF107	8
3.2	2250	213.20	1.35		
3.7	1930	183.65	1.55	ER 97	8
4.1	1770	167.60	1.70	ERF97	8



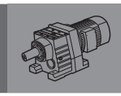
输出转速 Output speed (r/min)	输出转矩 Output torque (Nm)	传动比 Ratio (i)	使用系数 Service factor (f_B)	机型号 Type	电机极数 Motor pole
0.75kW					
3.6	1980	252.07	1.50		
3.8	1870	237.82	1.60	ER 97	6
4.3	1680	213.20	1.80	ERF97	6
4.9	1470	285.61	2.0		
5.5	1300	252.07	2.3		
5.8	1230	237.82	2.4	ER 97	4
6.5	1100	213.20	2.7	ERF97	4
7.6	950	183.65	3.2		
8.3	860	167.60	3.5		
4.1	1750	222.70	0.90		
4.3	1650	209.59	0.95		
4.9	1470	186.94	1.05	ER 87	6
5.7	1260	159.76	1.25	ERF87	6
6.3	1140	145.00	1.35		
6.2	1150	222.70	1.35		
6.6	1080	209.59	1.45		
7.4	960	186.94	1.60		
8.7	820	159.76	1.90		
9.6	745	145.00	2.1	ER 87	4
11	660	128.52	2.3	ERF87	4
11	630	121.80	2.5		
13	550	106.60	2.8		
14	495	96.04	3.1		
8.3	870	168.38	0.95		
8.8	810	158.10	1.00		
9.9	725	140.35	1.15		
12	615	119.04	1.35		
13	555	107.47	1.50		
15	485	94.55	1.70		
16	460	89.28	1.80	ER 77	4
18	390	76.02	2.1	ERF77	4
20	355	69.09	2.3		
22	330	63.74	2.5		
24	295	57.55	2.8		
27	260	50.63	3.1		
29	245	47.81	3.3		
34	210	40.71	3.9		
11	675	130.91	0.90		
11	630	122.64	0.95		
13	560	108.35	1.05		
14	520	100.63	1.15		
15	470	91.20	1.30		
17	420	81.89	1.40	ER 67	4
20	365	70.53	1.65	ERF67	4
21	340	66.33	1.75		
23	310	60.01	1.95		
25	285	55.74	2.1		
28	260	50.51	2.3		
31	235	45.36	2.6		
13	565	109.43	0.80		
14	500	96.68	0.90		
15	465	89.80	0.95		
17	420	81.38	1.05		
19	375	73.07	1.20		
21	335	64.70	1.35		
23	310	60.61	1.45		
26	275	53.55	1.65	ER 57	4
28	255	49.74	1.75	ERF57	4
31	230	45.07	1.95		
34	210	40.47	2.2		
40	180	34.86	2.5		
42	169	32.78	2.7		
49	145	28.21	3.1		
55	130	25.20	3.5		

输出转速 Output speed (r/min)	输出转矩 Output torque (Nm)	传动比 Ratio (i)	使用系数 Service factor (f_B)	机型号 Type	电机极数 Motor pole
0.75kW					
58	123	23.87	3.7		
62	115	22.41	3.9	ER 57	4
70	102	19.89	4.4	ERF57	4
21	345	66.95	0.85		
22	325	62.72	0.95		
25	285	55.41	1.05		
27	265	51.46	1.15		
30	240	46.64	1.25		
33	215	41.88	1.40	ER 47	4
39	186	36.07	1.60	ERF47	4
41	175	33.92	1.70		
48	150	29.19	2.0		
53	134	26.08	2.2		
62	115	22.28	2.6		
61	117	22.74	2.6		
65	110	21.30	2.7		
74	97	18.82	3.0	ER 47	4
80	90	17.48	3.2	ERF47	4
88	82	15.84	3.4		
29	250	48.08	0.80		
31	230	44.81	0.85		
35	200	39.17	1.00		
38	189	36.72	1.05	ER 37	4
43	167	32.40	1.20	ERF37	4
48	148	28.73	1.35		
57	126	24.42	1.60		
62	115	22.27	1.75		
72	99	19.31	2.0		
77	93	18.05	2.2		
89	80	15.60	2.5	ER 37	4
105	68	13.25	2.8	ERF37	4
117	61	11.83	3.0		
137	52	10.11	3.3		
147	49	9.47	3.4		
47	152	29.57	0.85	ER 27	4
55	130	25.14	1.00	ERF27	4
61	118	22.93	1.10		
70	102	19.88	1.25		
75	96	18.58	1.35		
87	83	16.06	1.55		
102	70	13.64	1.85		
114	63	12.18	2.1		
134	54	10.41	2.3	ER 27	4
142	51	9.75	2.4	ERF27	4
170	42	8.16	2.8		
182	39	7.63	2.8		
211	34	6.59	3.1		
248	29	5.60	3.4		
278	26	5.00	3.7		
71	102	19.71	0.85		
82	88	16.99	0.95		
88	82	15.84	1.05		
100	71	13.84	1.20		
107	67	12.98	1.25		
121	59	11.45	1.35		
137	52	10.15	1.45		
161	44	8.63	1.60	ER 17	4
184	39	7.55	1.45	ERF17	4
197	36	7.04	1.50		
226	32	6.15	1.70		
241	30	5.76	1.80		
273	26	5.09	1.95		
308	23	4.51	2.1		
363	20	3.83	2.3		



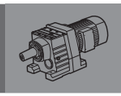
输出转速 Output speed (r/min)	输出转矩 Output torque (Nm)	传动比 Ratio (i)	使用系数 Service factor (f_B)	机型号 Type	电机极数 Motor pole
0.75kW					
201	36	4.53	2.3		
214	33	4.25	2.4	ERX 67	6
241	30	3.77	2.9	ERXF67	6
284	25	3.20	4.0		
307	23	4.53	3.5		
327	22	4.25	3.7		
369	19	3.77	4.5		
434	16	3.20	6.1		
481	15	2.89	7.1		
547	13	2.54	9.0	ERX 67	4
579	12	2.40	9.9	ERXF67	4
681	11	2.04	13		
747	9.6	1.86	13		
863	8.3	1.61	14		
240	30	3.79	2.3		
256	28	3.55	2.5		
290	25	3.14	2.6	ERX 57	6
313	23	2.91	2.9	ERXF57	6
345	21	2.64	3.3		
367	20	3.79	3.5		
392	18	3.55	3.8		
443	16	3.14	4.0		
478	15	2.91	4.5		
527	14	2.64	5.1		
586	12	2.37	5.7	ERX 57	4
681	11	2.04	6.6	ERXF57	4
724	9.9	1.92	7.0		
842	8.5	1.65	8.1		
939	7.6	1.48	8.9		
1105	6.5	1.26	9.7		
1.1kW					
0.53	17300	2652	1.05		
0.61	15000	2300	1.20		
0.68	13400	2055	1.35		
0.84	10900	1676	1.65	ER 167ER97	4
0.98	9350	1434	1.95	ERF167ER97	4
1.1	8380	1285	2.1		
1.2	7370	1131	2.4		
0.63	14500	2222	0.90		
0.72	12800	1957	1.00		
0.81	11300	1727	1.15		
0.91	9980	1531	1.30		
1.1	8590	1318	1.50	ER 147ER77	4
1.2	7540	1156	1.75	ERF147ER77	4
1.4	6650	1020	1.95		
1.6	5750	882	2.3		
1.8	5140	788	2.5		
2.0	4550	698	2.9		
1.0	8900	1366	0.90		
1.1	8040	1233	1.00		
1.2	7320	1123	1.10	ER 137ER77	4
1.4	6680	1024	1.20	ERF137ER77	4
1.6	5680	872	1.40		
1.0	9110	1397	0.90		
1.1	8120	1246	1.00		
1.3	7170	1100	1.10		
1.5	6210	952	1.30		
1.7	5370	824	1.50	ER 137ER77	4
1.9	4760	730	1.70	ERF137ER77	4
2.3	4050	622	1.95		
2.5	3660	561	2.2		
2.8	3210	492	2.5		

输出转速 Output speed (r/min)	输出转矩 Output torque (Nm)	传动比 Ratio (i)	使用系数 Service factor (f_B)	机型号 Type	电机极数 Motor pole
1.1kW					
1.9	4800	737	0.90	ER 107ER77	4
2.2	4150	636	1.05	ERF107ER77	4
2.3	4000	613	1.10		
2.6	3550	544	1.20		
2.8	3210	492	1.35		
3.4	2720	417	1.60	ER 107ER77	4
3.8	2390	366	1.80	ERF107ER77	4
4.3	2110	323	2.0		
4.9	1870	287	2.3		
5.7	1600	246	2.7		
3.2	2850	437	1.05		
3.7	2460	377	1.20		
4.2	2160	332	1.40		
4.7	1940	297	1.55	ER 97ER57	4
5.7	1590	244	1.90	ERF97ER57	4
6.0	1530	234	1.95		
6.7	1370	210	2.2		
5.2	1750	269	0.90		
5.9	1540	236	1.00	ER 87ER57	4
6.6	1380	212	1.10	ERF87ER57	4
5.5	1650	253	0.95		
6.1	1510	231	1.05	ER 87ER57	4
7.3	1250	192	1.25	ERF87ER57	4
2.7	3870	250.65	1.10		
3.0	3540	229.49	1.20	ER 107	8
3.4	3130	202.75	1.35	ERF107	8
4.0	2660	171.99	1.60		
3.6	2910	252.07	1.05		
3.8	2750	237.82	1.10	ER 97	6
4.3	2460	213.20	1.20	ERF97	6
5.0	2120	183.65	1.40		
5.6	1890	252.07	1.60		
5.9	1780	237.82	1.70		
6.6	1600	213.20	1.90		
7.6	1380	183.65	2.2	ER 97	4
8.4	1260	167.60	2.4	ERF97	4
9.4	1120	148.64	2.7		
11	940	124.94	3.2		
12	860	114.82	3.5		
6.3	1670	222.70	0.95		
6.7	1570	209.59	1.00		
7.5	1400	186.94	1.10		
8.8	1200	159.76	1.30		
9.7	1090	145.00	1.40		
11	960	128.52	1.60		
11	910	121.80	1.70	ER 87	4
13	800	106.60	1.95	ERF87	4
15	720	96.04	2.2		
17	630	84.25	2.5		
19	560	74.86	2.8		
21	500	66.35	3.1		
22	470	62.88	3.3		
25	415	55.04	3.8		
10	1050	140.35	0.80		
12	890	119.04	0.90		
13	810	107.47	1.00		
15	710	94.55	1.15		
16	670	89.28	1.20	ER 77	4
18	570	76.02	1.45	ERF77	4
20	520	69.09	1.60		
22	480	63.74	1.70		
24	430	57.55	1.90		
28	380	50.63	2.2		



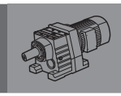
输出转速 Output speed (r/min)	输出转矩 Output torque (Nm)	传动比 Ratio (i)	使用系数 Service factor (f_B)	机型号 Type	电机极数 Motor pole
1.1kW					
29	360	47.81	2.3		
34	305	40.71	2.7	ER 77	4
38	280	36.99	3.0	ERF77	4
44	240	32.05	3.4		
15	685	91.20	0.90		
17	615	81.89	1.00		
20	530	70.53	1.15		
21	500	66.33	1.20		
23	450	60.01	1.35		
25	420	55.74	1.45	ER 67	4
28	380	50.51	1.60	ERF67	4
31	340	45.36	1.75		
36	295	39.07	2.0		
38	275	36.74	2.1		
44	235	31.61	2.3		
50	210	28.25	2.5		
52	200	26.75	2.7		
56	188	25.11	2.9	ER 67	4
63	167	22.29	3.3	ERF67	4
74	142	18.91	4.2		
19	550	73.07	0.80		
22	485	64.70	0.95		
23	455	60.61	1.00		
26	400	53.55	1.10		
28	375	49.74	1.20		
31	340	45.07	1.35	ER 57	4
35	305	40.47	1.50	ERF57	4
40	260	34.86	1.70		
43	245	32.78	1.85		
50	210	28.21	2.1		
56	189	25.20	2.4		
59	179	23.87	2.5		
62	168	22.41	2.7	ER 57	4
70	149	19.89	3.0	ERF57	4
83	127	16.87	3.6		
30	350	46.64	0.85		
33	315	41.88	0.95		
39	270	36.07	1.10		
41	255	33.92	1.20	ER 47	4
48	220	29.19	1.35	ERF47	4
54	196	26.08	1.55		
63	167	22.28	1.80		
62	171	22.74	1.75		
66	160	21.30	1.90		
74	141	18.82	2.1		
80	131	17.48	2.2		
88	119	15.84	2.3	ER 47	4
98	107	14.22	2.5	ERF47	4
114	92	12.25	2.7		
122	86	11.52	2.8		
141	74	9.91	3.1		
158	66	8.86	3.3		
43	245	32.40	0.80		
49	215	28.73	0.95	ER 37	4
57	183	24.42	1.10	ERF37	4
73	145	19.31	1.40		
78	135	18.05	1.50		
90	117	15.60	1.70		
106	99	13.25	1.90	ER 37	4
118	89	11.83	2.1	ERF37	4
138	76	10.11	2.2		
148	71	9.47	2.4		
176	60	7.97	2.6		

输出转速 Output speed (r/min)	输出转矩 Output torque (Nm)	传动比 Ratio (i)	使用系数 Service factor (f_B)	机型号 Type	电机极数 Motor pole
1.1kW					
210	50	6.67	2.9		
247	43	5.67	3.3	ER 37	4
277	38	5.06	3.6	ERF37	4
70	149	19.88	0.85		
75	139	18.58	0.95		
87	120	16.06	1.10		
103	102	13.64	1.25		
115	91	12.18	1.40		
134	78	10.41	1.55		
172	61	8.16	1.90	ER 27	4
183	57	7.63	1.95	ERF27	4
212	49	6.59	2.1		
250	42	5.60	2.4		
280	38	5.00	2.5		
328	32	4.27	2.7		
350	30	4.00	2.8		
415	25	3.37	3.1		
249	42	5.63	2.6		
264	40	5.30	2.6	ERX 77	4
296	35	4.73	3.5	ERXF77	4
201	52	4.53	1.55		
214	49	4.25	1.65	ERX 67	6
241	44	3.77	2.0	ERXF67	6
309	34	4.53	2.4		
329	32	4.25	2.5		
371	28	3.77	3.1		
438	24	3.20	4.2		
484	22	2.89	4.9		
551	19	2.54	6.2	ERX 67	4
583	18	2.40	6.8	ERXF67	4
686	15	2.04	8.8		
753	14	1.86	9.0		
870	12	1.61	9.4		
1000	11	1.40	9.9		
240	44	3.79	1.60		
256	41	3.55	1.70		
290	36	3.14	1.80	ERX 57	6
313	34	2.91	2.0	ERXF57	6
345	30	2.64	2.3		
369	28	3.79	2.4		
394	27	3.55	2.6		
446	24	3.14	2.8		
481	22	2.91	3.1		
530	20	2.64	3.5		
591	18	2.37	3.9	ERX 57	4
686	15	2.04	4.5	ERXF57	4
729	14	1.92	4.8		
848	12	1.65	5.6		
946	11	1.48	6.1		
1110	9.5	1.26	6.7		
1.5kW					
0.61	20500	2300	0.90		
0.68	18300	2055	1.00		
0.84	14900	1676	1.20		
0.98	12800	1434	1.40	ER 167ER97	4
1.1	11500	1285	1.55	ERF167ER97	4
1.2	10100	1131	1.80		
1.4	8900	998	2.0		
3.1	4070	456	3.2	ER 147ER87	4
5.0	2510	281	5.2	ERF147ER87	4
0.81	15400	1727	0.85		
0.91	13700	1531	0.95	ER 147ER77	4
1.1	11800	1318	1.10	ERF147ER77	4



输出转速 Output speed (r/min)	输出转矩 Output torque (Nm)	传动比 Ratio (i)	使用系数 Service factor (f_B)	机型号 Type	电机极数 Motor pole
1.5kW					
1.2	10300	1156	1.25		
1.4	9100	1020	1.45		
1.6	7870	882	1.65		
1.8	7030	788	1.85	ER 147ER77	4
2.0	6230	698	2.1	ERF147ER77	4
2.3	5550	622	2.3		
2.5	4910	551	2.6		
2.9	4330	486	3.0		
1.4	9130	1024	0.90		
1.6	7780	872	1.05	ER 137ER77	4
2.0	6130	687	1.30	ERF137ER77	4
2.3	5330	598	1.50		
1.3	9810	1100	0.80		
1.5	8490	952	0.95		
1.7	7350	824	1.10		
1.9	6510	730	1.25		
2.3	5550	622	1.45	ER 137ER77	4
2.5	5000	561	1.60	ERF137ER77	4
2.8	4390	492	1.80		
3.3	3780	424	2.1		
3.6	3430	385	2.3		
4.3	2890	324	2.8		
2.8	4520	507	0.95	ER 107ER77	4
				ERF107ER77	4
2.6	4850	544	0.90		
2.8	4390	492	1.00		
3.4	3720	417	1.15	ER 107ER77	4
3.8	3260	366	1.30	ERF107ER77	4
4.3	2880	323	1.50		
3.1	4090	459	1.05	ER 107ER77	4
				ERF107ER77	4
4.2	2960	332	1.00		
4.7	2650	297	1.15		
5.7	2180	244	1.40	ER 97ER57	4
6.0	2090	234	1.45	ERF97ER57	4
6.7	1870	210	1.60		
3.0	4760	229.49	0.90		
3.4	4210	202.75	1.00	ER 107	8
4.0	3570	171.99	1.20	ERF107	8
4.4	3290	158.36	1.30		
3.7	3900	250.65	1.10		
4.0	3570	229.49	1.20		
4.5	3160	202.75	1.35	ER 107	6
5.3	2680	171.99	1.60	ERF107	6
5.8	2470	158.36	1.75		
6.5	2200	141.55	1.95		
5.6	2580	252.07	1.15		
5.9	2430	237.82	1.25		
6.6	2180	213.20	1.40		
7.6	1880	183.65	1.60		
8.4	1710	167.60	1.75	ER 97	4
9.4	1520	148.64	1.95	ERF97	4
11	1280	124.94	2.3		
12	1170	114.82	2.6		
14	1040	101.96	2.9		
15	930	91.16	3.2		
7.5	1910	186.94	0.80		
8.8	1630	159.76	0.95		
9.7	1480	145.00	1.05		
11	1310	128.52	1.20	ER 87	4
11	1250	121.80	1.25	ERF87	4
13	1090	106.60	1.40		
15	980	96.04	1.60		
17	860	84.25	1.80		

输出转速 Output speed (r/min)	输出转矩 Output torque (Nm)	传动比 Ratio (i)	使用系数 Service factor (f_B)	机型号 Type	电机极数 Motor pole
1.5kW					
19	765	74.86	2.0		
21	680	66.35	2.3		
22	645	62.88	2.4		
25	565	55.04	2.8	ER 87	4
28	505	49.58	3.1	ERF87	4
32	445	43.50	3.5		
36	395	38.38	3.9		
41	350	34.03	4.5		
15	970	94.55	0.85		
16	910	89.28	0.90		
18	780	76.02	1.05		
20	705	69.09	1.15		
22	650	63.74	1.25		
24	590	57.55	1.40	ER 77	4
28	520	50.63	1.60	ERF77	4
29	490	47.81	1.70		
34	415	40.71	1.95		
38	380	36.99	2.2		
44	330	32.05	2.5		
50	285	27.89	2.7		
58	250	24.24	3.3		
64	225	22.00	3.6	ER 77	4
72	200	19.50	3.9	ERF77	4
76	189	18.48	4.1		
23	615	60.01	1.00		
25	570	55.74	1.05		
28	515	50.51	1.15		
31	465	45.36	1.30	ER 67	4
36	400	39.07	1.45	ERF67	4
38	375	36.74	1.50		
44	325	31.61	1.65		
50	290	28.25	1.80		
52	275	26.75	1.95		
56	255	25.11	2.1		
63	230	22.29	2.5	ER 67	4
74	193	18.91	3.1	ERF67	4
82	175	17.07	3.4		
26	550	53.55	0.80		
28	510	49.74	0.90		
31	460	45.07	1.00		
35	415	40.47	1.10	ER 57	4
40	355	34.86	1.25	ERF57	4
43	335	32.78	1.35		
50	290	28.21	1.55		
56	260	25.20	1.75		
59	245	23.87	1.85		
62	230	22.41	1.95		
70	205	19.89	2.2		
83	173	16.87	2.6	ER 57	4
92	156	15.23	2.9	ERF57	4
104	137	13.40	3.2		
111	129	12.65	3.3		
130	110	10.77	3.7		
39	370	36.07	0.80		
41	345	33.92	0.85		
48	300	29.19	1.00	ER 47	4
54	265	26.08	1.10	ERF47	4
63	230	22.28	1.30		
62	235	22.74	1.30		
66	220	21.30	1.40		
74	193	18.82	1.55	ER 47	4
80	179	17.48	1.60	ERF47	4
88	162	15.84	1.70		
98	145	14.22	1.80		



输出转速 Output speed (r/min)	输出转矩 Output torque (Nm)	传动比 Ratio (i)	使用系数 Service factor (f_B)	机型号 Type	电机极数 Motor pole
1.5kW					
114	125	12.25	2.0		
122	118	11.52	2.1		
141	101	9.91	2.3		
158	91	8.86	2.4		
185	77	7.57	2.6		
201	71	6.96	2.2	ER 47	4
233	61	6.00	2.5	ERF47	4
248	58	5.64	2.7		
289	50	4.85	3.0		
323	44	4.34	3.3		
378	38	3.70	3.8		
73	198	19.31	1.00		
78	185	18.05	1.10		
90	160	15.60	1.25		
106	136	13.25	1.40		
118	121	11.83	1.50		
138	103	10.11	1.65		
148	97	9.47	1.70	ER 37	4
176	82	7.97	1.90	ERF37	4
210	68	6.67	2.1		
247	58	5.67	2.4		
277	52	5.06	2.6		
324	44	4.32	2.9		
346	41	4.05	2.9		
411	35	3.41	3.2		
87	164	16.06	0.80		
103	140	13.64	0.95		
115	125	12.18	1.05		
134	107	10.41	1.15		
172	83	8.16	1.40		
183	78	7.63	1.45	ER 27	4
212	67	6.59	1.55	ERF27	4
250	57	5.60	1.75		
280	51	5.00	1.85		
328	44	4.27	2.0		
350	41	4.00	2.1		
415	34	3.37	2.3		
249	58	5.63	1.90		
264	54	5.30	1.90		
296	48	4.73	2.5		
347	41	4.04	3.5		
381	38	3.67	4.1	ERX 77	4
431	33	3.25	5.5	ERXF77	4
455	32	3.08	6.1		
519	28	2.70	7.8		
576	25	2.43	8.6		
309	46	4.53	1.75		
329	43	4.25	1.85		
371	39	3.77	2.3		
438	33	3.20	3.1		
484	30	2.89	3.6		
551	26	2.54	4.5	ERX 67	4
583	25	2.40	5.0	ERXF67	4
686	21	2.04	6.4		
753	19	1.86	6.6		
870	16	1.61	6.9		
1000	14	1.40	7.3		
369	39	3.79	1.80		
394	36	3.55	1.90		
446	32	3.14	2.0		
481	30	2.91	2.3	ERX 57	4
530	27	2.64	2.6	ERXF57	4
591	24	2.37	2.8		
686	21	2.04	3.3		
729	20	1.92	3.5		

输出转速 Output speed (r/min)	输出转矩 Output torque (Nm)	传动比 Ratio (i)	使用系数 Service factor (f_B)	机型号 Type	电机极数 Motor pole
1.5kW					
848	17	1.65	4.1		
946	15	1.48	4.5	ERX 57	4
1110	13	1.26	4.9	ERXF57	4
2.2kW					
0.85	21700	1676	0.85		
0.99	18500	1434	0.95		
1.1	16600	1285	1.10		
1.3	14600	1131	1.25	ER 167ER97	4
1.4	12900	998	1.40	ERF167ER97	4
1.6	11100	863	1.60		
2.1	8570	663	2.1		
2.7	6820	528	1.90		
3.1	5890	456	2.2	ER 147ER87	4
3.3	5530	428	2.4	ERF147ER87	4
3.9	4720	365	2.8		
4.3	4290	332	3.0		
1.2	14900	1156	0.85		
1.4	13200	1020	1.00		
1.6	11400	882	1.15		
1.8	10200	788	1.30	ER 147ER77	4
2.0	9020	698	1.45	ERF147ER77	4
2.3	8040	622	1.60		
2.6	7120	551	1.85		
2.9	6280	486	2.1		
2.1	8880	687	0.90	ER 137ER77	4
2.4	7730	598	1.05	ERF137ER77	4
1.9	9430	730	0.85		
2.3	8040	622	1.00		
2.5	7250	561	1.10		
2.9	6360	492	1.25		
3.3	5480	424	1.45	ER 137ER77	4
3.7	4970	385	1.60	ERF137ER77	4
4.4	4190	324	1.90		
4.9	3710	287	2.2		
5.6	3260	252	2.5		
6.4	2870	222	2.8		
4.4	4170	323	1.05		
4.9	3710	287	1.15	ER 107ER77	4
5.8	3180	246	1.35	ERF107ER77	4
6.8	2690	208	1.60		
4.4	4190	324	1.05	ER 107ER77	4
				ERF107ER77	4
6.8	2710	210	1.10	ER 97ER57	4
				ERF97ER57	4
3.3	6420	216.82	1.25		
3.9	5430	183.56	1.45		
4.2	5030	169.87	1.60		
4.7	4500	152.25	1.80	ER 137	8
5.2	4070	137.45	1.95	ERF137	8
5.7	3690	124.85	2.2		
6.4	3280	110.77	2.4		
7.1	2970	100.52	2.7		
4.6	4530	202.75	0.95		
5.5	3840	171.99	1.10	ER 107	6
5.9	3540	158.36	1.20	ERF107	6
6.6	3160	141.55	1.35		
5.7	3710	250.65	1.15		
6.2	3400	229.49	1.25		
7.0	3000	202.75	1.45	ER 107	4
8.3	2540	171.99	1.70	ERF107	4
9.0	2340	158.36	1.85		
10	2090	141.55	2.1		

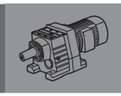
ER

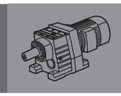
输出转速 Output speed (r/min)	输出转矩 Output torque (Nm)	传动比 Ratio (i)	使用系数 Service factor (f_B)	机型号 Type	电机极数 Motor pole
2.2kW					
11	1890	127.43	2.3		
12	1710	115.39	2.5	ER 107	4
14	1510	102.33	2.8	ERF107	4
15	1370	92.52	3.1		
6.7	3150	213.20	0.95		
7.7	2720	183.65	1.10		
8.5	2480	167.60	1.20		
9.6	2200	148.64	1.35		
11	1850	124.94	1.60		
12	1700	114.82	1.75		
14	1510	101.96	2.0	ER 97	4
16	1350	91.16	2.2	ERF97	4
17	1210	81.96	2.5		
20	1050	71.14	2.9		
22	960	65.07	3.1		
24	880	59.80	3.4		
27	785	53.10	3.8		
30	700	47.48	4.3		
11	1900	128.52	0.80		
12	1800	121.80	0.85		
13	1580	106.60	1.00		
15	1420	96.04	1.10		
17	1250	84.25	1.25		
19	1110	74.86	1.40		
21	980	66.35	1.60	ER 87	4
23	930	62.88	1.65	ERF87	4
26	810	55.04	1.90		
29	735	49.58	2.1		
33	645	43.50	2.4		
37	570	38.38	2.7		
42	505	34.03	3.1		
49	430	29.05	3.5		
40	525	35.38	2.9		
44	480	32.29	3.2		
50	425	28.64	3.7	ER 87	4
59	355	24.07	4.4	ERF87	4
64	325	22.12	4.6		
21	1020	69.09	0.80		
22	940	63.74	0.85		
25	850	57.55	0.95		
28	750	50.63	1.10		
30	705	47.81	1.15	ER 77	4
35	600	40.71	1.35	ERF77	4
38	545	36.99	1.50		
44	475	32.05	1.75		
51	415	27.89	1.90		
59	360	24.24	2.3		
65	325	22.00	2.5		
73	290	19.50	2.7	ER 77	4
77	275	18.48	2.9	ERF77	4
88	240	16.17	3.1		
97	215	14.57	3.3		
36	580	39.07	1.00		
39	545	36.74	1.05	ER 67	4
45	470	31.61	1.15	ERF67	4
50	420	28.25	1.25		
64	330	22.29	1.70		
75	280	18.91	2.1		
83	255	17.07	2.3		
95	220	15.02	2.5	ER 67	4
100	210	14.18	2.6	ERF67	4
118	179	12.08	2.9		
129	162	10.97	3.1		
149	141	9.51	3.3		

输出转速 Output speed (r/min)	输出转矩 Output torque (Nm)	传动比 Ratio (i)	使用系数 Service factor (f_B)	机型号 Type	电机极数 Motor pole
2.2kW					
172	122	8.27	3.6	ER 67	4
182	115	7.79	2.9	ERF67	4
41	515	34.86	0.85		
43	485	32.78	0.95	ER 57	4
50	415	28.21	1.10	ERF57	4
56	375	25.20	1.20		
71	295	19.89	1.55		
84	250	16.87	1.80		
93	225	15.23	2.0		
106	198	13.40	2.2		
112	187	12.65	2.3	ER 57	4
132	159	10.77	2.5	ERF57	4
145	145	9.79	2.7		
161	131	8.84	2.5		
167	125	8.48	2.9		
183	115	7.77	2.9		
75	280	18.82	1.05		
81	260	17.48	1.10		
90	235	15.84	1.15		
100	210	14.22	1.25		
116	181	12.25	1.40		
123	170	11.52	1.45		
143	147	9.91	1.55		
160	131	8.86	1.70	ER 47	4
188	112	7.57	1.85	ERF47	4
204	103	6.96	1.55		
237	89	6.00	1.75		
252	83	5.64	1.85		
293	72	4.85	2.1		
327	64	4.34	2.3		
384	55	3.70	2.6		
91	230	15.60	0.85		
107	196	13.25	0.95		
120	175	11.83	1.05		
140	150	10.11	1.15		
150	140	9.47	1.20		
178	118	7.97	1.30	ER 37	4
213	99	6.67	1.45	ERF37	4
250	84	5.67	1.70		
281	75	5.06	1.80		
329	64	4.32	1.95		
351	60	4.05	2.0		
416	50	3.41	2.2		
136	154	10.41	0.80		
215	97	6.59	1.10		
254	83	5.60	1.20		
284	74	5.00	1.30	ER 27	4
333	63	4.27	1.40	ERF27	4
355	59	4.00	1.45		
421	50	3.37	1.60		
300	70	4.73	1.75		
351	60	4.04	2.4		
387	54	3.67	2.8		
437	48	3.25	3.8		
461	46	3.08	4.2		
526	40	2.70	5.4	ERX 77	4
584	36	2.43	6.0	ERXF77	4
667	32	2.13	6.3		
755	28	1.88	6.7		
850	25	1.67	7.0		
1000	21	1.42	7.4		
377	56	3.77	1.55		
444	47	3.20	2.1	ERX 67	4
491	43	2.89	2.5	ERXF67	4

输出转速 Output speed (r/min)	输出转矩 Output torque (Nm)	传动比 Ratio (i)	使用系数 Service factor (f_B)	机型号 Type	电机极数 Motor pole
2.2kW					
559	38	2.54	3.1		
592	36	2.40	3.5		
696	30	2.04	4.4	ERX 67	4
763	28	1.86	4.6	ERXF67	4
882	24	1.61	4.8		
1015	21	1.40	5.0		
452	46	3.14	1.40		
488	43	2.91	1.55		
538	39	2.64	1.75		
599	35	2.37	1.95		
696	30	2.04	2.3	ERX 57	4
740	28	1.92	2.4	ERXF57	4
861	24	1.65	2.8		
959	22	1.48	3.1		
1125	19	1.26	3.4		
3kW					
1.3	20000	1131	0.90		
1.4	17600	998	1.00		
1.6	15200	863	1.20	ER 167ER97	4
2.1	11700	663	1.55	ERF167ER97	4
2.9	8700	493	2.1		
2.7	9320	528	1.40		
3.1	8050	456	1.60		
3.3	7560	428	1.70	ER 147ER87	4
3.9	6440	365	2.0	ERF147ER87	4
4.3	5860	332	2.2		
5.1	4960	281	2.6		
1.6	15600	882	0.85		
1.8	13900	788	0.95		
2.0	12300	698	1.05	ER 147ER77	4
2.3	11000	622	1.20	ERF147ER77	4
2.6	9730	551	1.35		
2.9	8690	492	0.90		
3.3	7480	424	1.05		
3.7	6800	385	1.20		
4.4	5720	324	1.40	ER 137ER77	4
4.9	5070	287	1.60	ERF137ER77	4
5.6	4450	252	1.80		
6.4	3920	222	2.0		
2.7	9130	517	0.90	ER 137ER77	4
3.1	8080	458	1.00	ERF137ER77	4
5.8	4340	246	1.00		
6.8	3670	208	1.15	ER 107ER77	4
7.8	3210	182	1.35	ERF107ER77	4
5.5	4520	256	0.95	ER 107ER77	4
				ERF107ER77	4
3.3	8750	216.82	0.90		
3.9	7410	183.56	1.10		
4.2	6850	169.87	1.15		
4.7	6140	152.25	1.30		
5.2	5550	137.45	1.45	ER 137	8
5.7	5040	124.85	1.60	ERF137	8
6.4	4470	110.77	1.80		
7.1	4060	100.52	1.95		
8.2	3490	86.40	2.3		
4.4	6470	216.82	1.25		
5.2	5480	183.56	1.45		
5.7	5070	169.87	1.60		
6.3	4540	152.25	1.75	ER 137	6
7.0	4100	137.45	1.95	ERF137	6
7.7	3730	124.85	2.1		
8.7	3310	110.77	2.4		
9.6	3000	100.52	2.7		

输出转速 Output speed (r/min)	输出转矩 Output torque (Nm)	传动比 Ratio (i)	使用系数 Service factor (f_B)	机型号 Type	电机极数 Motor pole
3kW					
6.1	4730	158.36	0.90		
6.8	4220	141.55	1.00	ER 107	6
7.5	3800	127.43	1.15	ERF107	6
6.2	4630	229.49	0.95		
7.0	4090	202.75	1.05		
8.3	3470	171.99	1.25		
9.0	3190	158.36	1.35		
10	2860	141.55	1.50		
11	2570	127.43	1.65	ER 107	4
12	2330	115.39	1.85	ERF107	4
14	2060	102.33	2.1		
15	1870	92.52	2.3		
18	1580	78.42	2.7		
20	1430	70.81	3.0		
9.6	3000	148.64	1.00		
11	2520	124.94	1.20		
12	2320	114.82	1.30		
14	2060	101.96	1.45		
16	1840	91.16	1.65		
17	1650	81.96	1.80		
20	1440	71.14	2.1	ER 97	4
22	1310	65.07	2.3	ERF97	4
24	1210	59.80	2.5		
27	1070	53.10	2.8		
30	960	47.48	3.1		
33	860	42.69	3.5		
38	745	37.05	4.0		
43	670	33.18	4.3		
15	1940	96.04	0.80		
17	1700	84.25	0.90		
19	1510	74.86	1.05		
21	1340	66.35	1.15		
23	1270	62.88	1.20		
26	1110	55.04	1.40	ER 87	4
29	1000	49.58	1.55	ERF87	4
33	880	43.50	1.75		
37	775	38.38	2.0		
42	685	34.03	2.3		
49	585	29.05	2.6		
40	715	35.38	2.1		
44	650	32.29	2.4		
50	580	28.64	2.7		
59	485	24.07	3.2	ER 87	4
64	445	22.12	3.4	ERF87	4
72	395	19.64	3.6		
81	355	17.56	3.9		
90	320	15.79	4.2		
30	960	47.81	0.85		
35	820	40.71	1.00		
38	745	36.99	1.10	ER 77	4
44	645	32.05	1.25	ERF77	4
51	565	27.89	1.40		
59	490	24.24	1.70		
65	445	22.00	1.85		
73	395	19.50	2.0		
77	375	18.48	2.1		
88	325	16.17	2.3		
97	295	14.57	2.4	ER 77	4
111	260	12.78	2.7	ERF77	4
126	230	11.28	2.9		
142	200	10.00	3.1		
165	173	8.59	3.5		
183	156	7.74	3.9		
209	137	6.79	4.2		



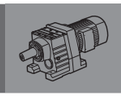


输出转速 Output speed (r/min)	输出转矩 Output torque (Nm)	传动比 Ratio (i)	使用系数 Service factor (f_B)	机型号 Type	电机极数 Motor pole
3kW					
64	450	22.29	1.25		
75	380	18.91	1.55		
83	345	17.07	1.70		
95	305	15.02	1.85	ER 67	4
100	285	14.18	1.90	ERF67	4
118	245	12.08	2.1		
129	220	10.97	2.3		
149	192	9.51	2.4		
50	570	28.21	0.80	ER 57	4
56	510	25.20	0.90	ERF57	4
71	400	19.89	1.10		
84	340	16.87	1.30		
93	305	15.23	1.45		
106	270	13.40	1.60		
112	255	12.65	1.70		
132	215	10.77	1.85		
145	198	9.79	1.95		
161	178	8.84	1.85	ER 57	4
167	171	8.48	2.2	ERF57	4
183	157	7.77	2.1		
193	148	7.34	2.2		
227	126	6.25	2.6		
250	115	5.68	2.8		
289	99	4.92	3.1		
332	86	4.28	3.2		
81	355	17.48	0.80		
90	320	15.84	0.85		
100	285	14.22	0.90		
116	245	12.25	1.00		
123	230	11.52	1.05		
143	200	9.91	1.15		
160	179	8.86	1.25		
188	153	7.57	1.35	ER 47	4
204	140	6.96	1.15	ERF47	4
237	121	6.00	1.30		
252	114	5.64	1.35		
293	98	4.85	1.55		
327	88	4.34	1.65		
384	75	3.70	1.95		
464	62	3.06	2.3		
140	205	10.11	0.85		
150	191	9.47	0.85		
178	161	7.97	0.95		
213	135	6.67	1.05		
250	114	5.67	1.25	ER 37	4
281	102	5.06	1.30	ERF37	4
329	87	4.32	1.45		
351	82	4.05	1.50		
416	69	3.41	1.65		
254	113	5.60	0.90		
284	101	5.00	0.95		
333	86	4.27	1.00	ER 27	4
355	81	4.00	1.05	ERF27	4
421	68	3.37	1.15		
220	130	6.45	1.50		
255	112	5.56	2.0		
280	102	5.07	2.4	ERX 87	4
316	91	4.50	3.2	ERXF87	4
376	76	3.78	4.0		
300	95	4.73	1.30		
351	82	4.04	1.75		
387	74	3.67	2.1	ERX 77	4
437	66	3.25	2.8	ERXF77	4
461	62	3.08	3.1		

输出转速 Output speed (r/min)	输出转矩 Output torque (Nm)	传动比 Ratio (i)	使用系数 Service factor (f_B)	机型号 Type	电机极数 Motor pole
3kW					
377	76	3.77	1.15		
444	65	3.20	1.55		
491	58	2.89	1.80		
559	51	2.54	2.3		
592	48	2.40	2.5	ERX 67	4
696	41	2.04	3.3	ERXF67	4
763	38	1.86	3.4		
882	32	1.61	3.5		
1015	28	1.40	3.7		
452	63	3.14	1.05		
488	59	2.91	1.15		
538	53	2.64	1.30		
599	48	2.37	1.45		
696	41	2.04	1.70	ERX 57	4
740	39	1.92	1.80	ERXF57	4
861	33	1.65	2.1		
959	30	1.48	2.3		
1125	25	1.26	2.5		
4kW					
1.7	20100	863	0.90		
2.2	15400	663	1.15	ER 167ER97	4
2.9	11500	493	1.55	ERF167ER97	4
4.3	7790	335	2.3		
2.7	12300	528	1.05		
3.2	10600	456	1.25		
3.4	9950	428	1.30		
3.9	8480	365	1.55		
4.3	7720	332	1.70	ER 147ER87	4
5.1	6530	281	2.0	ERF147ER87	4
5.7	5900	254	2.2		
6.6	5090	219	2.6		
7.4	4510	194	2.9		
9.1	3700	159	3.5		
2.3	14500	622	0.90		
2.6	12800	551	1.00	ER 147ER77	4
3.0	11300	486	1.15	ERF147ER77	4
3.4	9720	418	1.35		
3.7	8950	385	0.90		
4.4	7530	324	1.05		
5.0	6670	287	1.20	ER 137ER77	4
5.7	5860	252	1.35	ERF137ER77	4
6.5	5160	222	1.55		
3.8	8830	380	0.90		
4.2	7950	342	1.00	ER 137ER77	4
4.8	6970	300	1.15	ERF137ER77	4
7.9	4230	182	1.00	ER 107ER77	4
				ERF107ER77	4
7.5	4460	192	0.95	ER 107ER77	4
8.4	4000	172	1.10	ERF107ER77	4
4.2	9030	170.22	1.45		
4.7	8120	153.12	1.60	ER 147	8
5.8	6630	124.92	1.95	ERF147	8
6.3	6040	113.93	2.2		
4.2	9010	169.87	0.90		
4.7	8080	152.25	1.00		
5.2	7290	137.45	1.10	ER 137	8
5.8	6620	124.85	1.20	ERF137	8
6.5	5880	110.77	1.35		
7.2	5330	100.52	1.50		
4.4	8630	216.82	0.95		
5.2	7300	183.56	1.10	ER 137	6
5.7	6760	169.87	1.20	ERF137	6

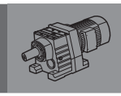
输出转速 Output speed (r/min)	输出转矩 Output torque (Nm)	传动比 Ratio (i)	使用系数 Service factor (f_B)	机型号 Type	电机极数 Motor pole
4kW					
6.3	6060	152.25	1.30		
7.0	5470	137.45	1.45		
7.7	4970	124.85	1.60	ER 137	6
8.7	4410	110.77	1.80	ERF137	6
9.6	4000	100.52	2.0		
11	3440	86.40	2.3		
8.4	4560	171.99	0.95		
9.1	4200	158.36	1.00		
10	3750	141.55	1.15		
11	3380	127.43	1.25		
12	3060	115.39	1.40		
14	2710	102.33	1.60	ER 107	4
16	2450	92.52	1.75	ERF107	4
18	2080	78.42	2.1		
20	1880	70.81	2.3		
23	1690	63.75	2.5		
25	1530	57.73	2.8		
28	1360	51.19	3.2		
13	3050	114.82	1.00		
14	2700	101.96	1.10		
16	2420	91.16	1.25		
18	2170	81.96	1.40		
20	1890	71.14	1.60		
22	1730	65.07	1.75		
24	1590	59.80	1.90	ER 97	4
27	1410	53.10	2.1	ERF97	4
30	1260	47.48	2.4		
34	1130	42.69	2.6		
39	980	37.05	3.1		
43	880	33.18	3.3		
52	730	27.52	3.7		
46	840	31.59	3.1		
54	710	26.80	3.6		
58	655	24.68	4.3	ER 97	4
65	585	22.06	4.6	ERF97	4
73	525	19.85	5.0		
22	1760	66.35	0.90		
23	1670	62.88	0.95		
26	1460	55.04	1.05		
29	1320	49.58	1.20	ER 87	4
33	1150	43.50	1.35	ERF87	4
38	1020	38.38	1.50		
42	900	34.03	1.70		
50	770	29.05	1.95		
41	940	35.38	1.60		
45	860	32.29	1.80		
50	760	28.64	2.0		
60	640	24.07	2.4		
65	585	22.12	2.6		
73	520	19.64	2.8	ER 87	4
82	465	17.56	3.0	ERF87	4
91	420	15.79	3.2		
105	365	13.71	3.5		
117	325	12.27	3.8		
141	270	10.18	4.4		
39	980	36.99	0.85		
45	850	32.05	0.95	ER 77	4
52	740	27.89	1.05	ERF77	4
59	645	24.24	1.30		
65	585	22.00	1.40		
74	515	19.50	1.50	ER 77	4
78	490	18.48	1.60	ERF77	4
89	430	16.17	1.75		
99	385	14.57	1.85		

输出转速 Output speed (r/min)	输出转矩 Output torque (Nm)	传动比 Ratio (i)	使用系数 Service factor (f_B)	机型号 Type	电机极数 Motor pole
4kW					
113	340	12.78	2.0		
128	300	11.28	2.2		
144	265	10.00	2.4		
168	230	8.59	2.7	ER 77	4
186	205	7.74	3.0	ERF77	4
212	180	6.79	3.2		
240	159	5.99	3.4		
271	141	5.31	3.6		
65	590	22.29	0.95		
76	500	18.91	1.20		
84	455	17.07	1.30		
96	400	15.02	1.40		
102	375	14.18	1.45		
119	320	12.08	1.60		
131	290	10.97	1.70		
151	250	9.51	1.85	ER 67	4
174	220	8.27	2.0	ERF67	4
185	205	7.79	1.60		
196	195	7.36	1.70		
230	166	6.27	2.0		
253	151	5.70	2.1		
292	131	4.93	2.2		
336	114	4.29	2.4		
72	530	19.89	0.85		
85	445	16.87	1.00		
95	405	15.23	1.10		
107	355	13.40	1.20		
114	335	12.65	1.30		
134	285	10.77	1.40		
147	260	9.79	1.50		
163	235	8.84	1.40	ER 57	4
170	225	8.48	1.65	ERF57	4
185	205	7.77	1.60		
196	195	7.34	1.70		
230	166	6.25	2.0		
254	151	5.68	2.1		
293	131	4.92	2.3		
336	114	4.28	2.5		
125	305	11.52	0.80		
145	265	9.91	0.85		
163	235	8.86	0.95		
190	200	7.57	1.00		
207	185	6.96	0.85		
240	159	6.00	1.00	ER 47	4
255	150	5.64	1.05	ERF47	4
297	129	4.85	1.15		
332	115	4.34	1.25		
389	98	3.70	1.45		
471	81	3.06	1.75		
259	147	5.56	1.55		
284	134	5.07	1.85	ERX 87	4
320	119	4.50	2.4	ERXF87	4
381	100	3.78	3.0		
356	107	4.04	1.35		
392	97	3.67	1.55		
443	86	3.25	2.1		
468	82	3.08	2.4		
533	72	2.70	3.0	ERX 77	4
593	64	2.43	3.3	ERXF77	4
676	56	2.13	3.5		
766	50	1.88	3.7		
862	44	1.67	3.9		
1015	38	1.42	4.1		
450	85	3.20	1.20	ERX 67	4
498	77	2.89	1.40	ERXF67	4



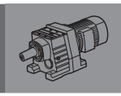
输出转速 Output speed (r/min)	输出转矩 Output torque (Nm)	传动比 Ratio (i)	使用系数 Service factor (f_B)	机型号 Type	电机极数 Motor pole
4kW					
567	67	2.54	1.75		
600	64	2.40	1.95		
706	54	2.04	2.5	ERX 67	4
774	49	1.86	2.6	ERXF67	4
894	43	1.61	2.7		
1030	37	1.40	2.8		
545	70	2.64	1.00		
608	63	2.37	1.10		
706	54	2.04	1.30		
750	51	1.92	1.35	ERX 57	4
873	44	1.65	1.60	ERXF57	4
973	39	1.48	1.75		
1145	33	1.26	1.90		
5.5kW					
2.2	21200	663	0.85		
2.5	18500	579	0.95		
2.9	15800	493	1.15		
3.3	13800	431	1.30	ER 167ER97	4
3.8	12000	375	1.50	ERF167ER97	4
4.3	10700	335	1.70		
4.7	9850	308	1.85		
5.2	8920	279	2.0		
3.2	14600	456	0.90		
3.4	13700	428	0.95		
3.9	11700	365	1.10		
4.3	10600	332	1.20	ER 147ER87	4
5.1	8980	281	1.45	ERF147ER87	4
5.7	8120	254	1.60		
6.6	7000	219	1.85		
7.4	6200	194	2.1		
3.1	16800	229.71	1.05		
3.9	13600	186.93	1.30		
4.7	11200	153.07	1.60	ER 167	8
5.1	10200	139.98	1.75	ERF167	8
5.9	8890	121.81	2.0		
4.2	12400	170.22	1.05		
4.7	11200	153.12	1.15	ER 147	8
5.8	9110	124.92	1.45	ERF147	8
6.3	8310	113.93	1.55		
5.6	9310	170.22	1.40		
6.3	8380	153.12	1.55		
7.7	6830	124.92	1.90	ER 147	6
8.4	6230	113.93	2.1	ERF147	6
9.7	5390	98.60	2.4		
11	4760	87.00	2.7		
5.8	9110	124.85	0.90		
6.5	8080	110.77	1.00	ER 137	8
7.2	7330	100.52	1.10	ERF137	8
8.3	6300	86.40	1.25		
5.7	9290	169.87	0.85		
6.3	8330	152.25	0.95		
7.0	7520	137.45	1.05	ER 137	6
7.7	6830	124.85	1.15	ERF137	6
8.7	6060	110.77	1.30		
9.6	5500	100.52	1.45		
6.6	7910	216.82	1.00		
7.8	6690	183.56	1.20		
8.5	6200	169.87	1.30		
9.5	5550	152.25	1.45	ER 137	4
10	5010	137.45	1.60	ERF137	4
12	4550	124.85	1.75		
13	4040	110.77	2.0		
14	3670	100.52	2.2		

输出转速 Output speed (r/min)	输出转矩 Output torque (Nm)	传动比 Ratio (i)	使用系数 Service factor (f_B)	机型号 Type	电机极数 Motor pole
5.5kW					
17	3150	86.40	2.5		
18	2910	79.72	2.8		
20	2640	72.41	3.0	ER 137	4
22	2340	64.25	3.4	ERF137	4
25	2130	58.30	3.8		
29	1830	50.11	4.4		
11	4650	127.43	0.95		
12	4210	115.39	1.00		
14	3730	102.33	1.15		
16	3370	92.52	1.25		
18	2860	78.42	1.50		
20	2580	70.81	1.65	ER 107	4
23	2330	63.75	1.85	ERF107	4
25	2110	57.73	2.0		
28	1870	51.19	2.3		
31	1690	46.29	2.5		
37	1430	39.23	3.0		
18	2990	81.96	1.00		
20	2590	71.14	1.15		
22	2370	65.07	1.25		
24	2180	59.80	1.40		
27	1940	53.10	1.55	ER 97	4
30	1730	47.48	1.75	ERF97	4
34	1560	42.69	1.95		
39	1350	37.05	2.2		
43	1210	33.18	2.4		
52	1000	27.52	2.7		
46	1150	31.59	2.2		
54	980	26.80	2.6		
58	900	24.68	3.1		
65	800	22.06	3.4	ER 97	4
73	725	19.85	3.6	ERF97	4
80	655	17.98	3.8		
90	580	15.94	4.1		
29	1810	49.58	0.85		
33	1590	43.50	1.00		
38	1400	38.38	1.10	ER 87	4
42	1240	34.03	1.25	ERF87	4
50	1060	29.05	1.40		
50	1040	28.64	1.50		
60	880	24.07	1.75		
65	810	22.12	1.85		
73	715	19.64	2.0		
82	640	17.56	2.2		
91	575	15.79	2.3	ER 87	4
105	500	13.71	2.6	ERF87	4
117	450	12.27	2.7		
141	370	10.18	3.2		
160	330	9.01	3.7		
178	295	8.10	3.9		
205	255	7.03	4.2		
74	710	19.50	1.10		
78	675	18.48	1.15		
89	590	16.17	1.25		
99	530	14.57	1.35		
113	465	12.78	1.50		
128	410	11.28	1.60	ER 77	4
144	365	10.00	1.75	ERF77	4
168	315	8.59	1.95		
186	280	7.74	2.2		
212	250	6.79	2.3		
240	220	5.99	2.5		
271	194	5.31	2.6		
96	550	15.02	1.00	ER 67	4
102	515	14.18	1.05	ERF67	4



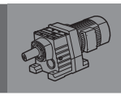
输出转速 Output speed (r/min)	输出转矩 Output torque (Nm)	传动比 Ratio (i)	使用系数 Service factor (f_B)	机型号 Type	电机极数 Motor pole
5.5kW					
119	440	12.08	1.20		
131	400	10.97	1.25		
151	345	9.51	1.35		
174	300	8.27	1.45		
185	285	7.79	1.15	ER 67	4
196	270	7.36	1.25	ERF67	4
230	230	6.27	1.45		
253	210	5.70	1.50		
292	180	4.93	1.60		
336	156	4.29	1.75		
107	490	13.40	0.90		
114	460	12.65	0.95		
134	395	10.77	1.05		
147	355	9.79	1.10		
170	310	8.48	1.20		
185	285	7.77	1.15	ER 57	4
196	270	7.34	1.25	ERF57	4
230	230	6.25	1.45		
254	205	5.68	1.55		
293	179	4.92	1.70		
336	156	4.28	1.80		
297	177	4.85	0.85		
332	158	4.34	0.90	ER 47	4
389	135	3.70	1.05	ERF47	4
471	112	3.06	1.30		
116	452	6.20	3.7	ERX 157	8
127	414	5.67	4.1	ERXF157	8
110	476	6.52	2.3	ERX 127	8
123	428	5.87	2.6	ERXF127	8
137	383	7.00	2.9		
147	357	6.52	3.1	ERX 127	6
164	321	5.87	3.5	ERXF127	6
182	289	5.28	3.8		
217	240	6.63	1.90		
257	205	5.61	2.2	ERX 107	4
277	189	5.19	3.7	ERXF107	4
310	170	4.65	4.1		
249	210	5.79	2.0		
293	179	4.91	2.2		
319	165	4.52	3.6		
356	147	4.04	4.0		
396	133	3.64	4.5	ERX 97	4
436	120	3.30	4.9	ERXF97	4
493	106	2.92	5.6		
545	96	2.64	6.2		
643	82	2.24	7.3		
320	164	4.50	1.75		
381	138	3.78	2.2		
414	127	3.48	3.2		
466	113	3.09	3.6	ERX 87	4
522	101	2.76	4.0	ERXF87	4
581	90	2.48	4.5		
670	78	2.15	4.9		
443	119	3.25	1.55		
468	112	3.08	1.70		
533	98	2.70	2.2		
593	89	2.43	2.4	ERX 77	4
676	78	2.13	2.6	ERXF77	4
766	69	1.88	2.7		
862	61	1.67	2.8		
1015	52	1.42	3.0		
567	93	2.54	1.25		
600	88	2.40	1.40		
706	74	2.04	1.80	ERX 67	4
774	68	1.86	1.85	ERXF67	4
894	59	1.61	1.95		
1030	51	1.40	2.0		

输出转速 Output speed (r/min)	输出转矩 Output torque (Nm)	传动比 Ratio (i)	使用系数 Service factor (f_B)	机型号 Type	电机极数 Motor pole
5.5kW					
706	74	2.04	0.95		
750	70	1.92	1.00		
873	60	1.65	1.15	ERX 57	4
973	54	1.48	1.25	ERXF57	4
1145	46	1.26	1.35		
7.5kW					
3.0	21200	493	0.85		
3.4	18600	431	0.95		
3.9	16100	375	1.10	ER 167ER97	4
4.4	14400	335	1.25	ERF167ER97	4
4.7	13300	308	1.35		
5.2	12000	279	1.50		
4.4	14300	332	0.90		
5.2	12100	281	1.05		
5.7	10900	254	1.20	ER 147ER87	4
6.7	9430	219	1.40	ERF147ER87	4
7.5	8350	194	1.55		
9.2	6840	159	1.90		
3.1	22800	229.71	0.80		
3.9	18600	186.93	0.95		
4.7	15200	153.07	1.20	ER 167	8
5.1	13900	139.98	1.30	ERF167	8
5.9	12100	121.81	1.50		
4.2	17100	229.71	1.05		
5.1	13900	186.93	1.30		
6.3	11400	153.07	1.60		
6.9	10400	139.98	1.70		
7.9	9090	121.81	2.0	ER 167	6
8.9	8020	107.49	2.2	ERF167	6
10	6950	93.19	2.6		
12	6190	82.91	2.9		
13	5390	72.24	3.3		
15	4930	66.06	3.7		
4.7	15200	153.12	0.85		
5.8	12400	124.92	1.05	ER 147	8
6.3	11300	113.93	1.15	ERF147	8
7.3	9810	98.60	1.35		
5.6	12700	170.22	1.00		
6.3	11400	153.12	1.15		
7.7	9320	124.92	1.40	ER 147	6
8.4	8500	113.93	1.55	ERF147	6
9.7	7360	98.60	1.75		
11	6490	87.00	2.0		
8.6	8350	170.22	1.55		
9.5	7510	153.12	1.75		
12	6130	124.92	2.1	ER 147	4
13	5590	113.93	2.3	ERF147	4
15	4840	98.60	2.7		
17	4270	87.00	3.0		
8.0	9000	183.56	0.90		
8.6	8330	169.87	0.95		
9.6	7470	152.25	1.05		
11	6740	137.45	1.20		
12	6120	124.85	1.30		
13	5430	110.77	1.45		
15	4930	100.52	1.60	ER 137	4
17	4240	86.40	1.90	ERF137	4
18	3910	79.72	2.0		
20	3550	72.41	2.3		
23	3150	64.25	2.5		
25	2860	58.30	2.8		
29	2460	50.11	3.3		
16	4540	92.52	0.95		
19	3850	78.42	1.10		
21	3470	70.81	1.25		
23	3130	63.75	1.40	ER 107	4
25	2830	57.73	1.50	ERF107	4
29	2510	51.19	1.70		
32	2270	46.29	1.90		
37	1920	39.23	2.2		



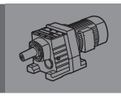
输出转速 Output speed (r/min)	输出转矩 Output torque (Nm)	传动比 Ratio (i)	使用系数 Service factor (f_B)	机型号 Type	电机极数 Motor pole
7.5kW					
43	1680	34.27	2.6	ER 107	4
51	1410	28.66	3.1	ERF107	4
48	1510	30.71	2.9		
53	1350	27.53	3.2	ER 107	4
59	1220	24.85	3.5	ERF107	4
65	1110	22.57	3.9		
24	2930	59.80	1.00		
27	2600	53.10	1.15		
31	2330	47.48	1.30		
34	2090	42.69	1.45	ER 97	4
39	1820	37.05	1.65	ERF97	4
44	1630	33.18	1.80		
53	1350	27.52	2.0		
46	1550	31.59	1.65		
54	1310	26.80	1.95		
59	1210	24.68	2.3	ER 97	4
66	1080	22.06	2.5	ERF97	4
74	970	19.85	2.7		
81	880	17.98	2.8		
38	1880	38.38	0.80		
43	1670	34.03	0.95	ER 87	4
50	1420	29.05	1.05	ERF87	4
51	1400	28.64	1.10		
61	1180	24.07	1.30		
66	1090	22.12	1.40		
74	960	19.64	1.50		
83	860	17.56	1.60		
92	775	15.79	1.75		
106	675	13.71	1.90	ER 87	4
119	600	12.27	2.0	ERF87	4
143	500	10.18	2.4		
162	440	9.01	2.7		
180	395	8.10	2.9		
208	345	7.03	3.1		
232	310	6.29	3.3		
280	255	5.22	3.6		
79	910	18.48	0.85		
90	795	16.17	0.95		
100	715	14.57	1.00		
114	625	12.78	1.10		
129	555	11.28	1.20		
146	490	10.00	1.30	ER 77	4
170	420	8.59	1.45	ERF77	4
189	380	7.74	1.60		
215	335	6.79	1.75		
244	295	5.99	1.85		
275	260	5.31	1.95		
322	225	4.54	2.3		
103	695	14.18	0.80		
121	595	12.08	0.90		
133	540	10.97	0.95		
154	465	9.51	1.00		
177	405	8.27	1.10		
187	380	7.79	0.85	ER 67	4
198	360	7.36	0.90	ERF67	4
233	310	6.27	1.05		
256	280	5.70	1.10		
296	240	4.93	1.20		
340	210	4.29	1.30		
188	380	7.77	0.85		
199	360	7.34	0.90		
234	305	6.25	1.10	ER 57	4
257	280	5.68	1.15	ERF57	4
297	240	4.92	1.25		
341	210	4.28	1.35		
156	458	6.20	3.7	ERX 157	6
171	419	5.67	4.0	ERXF157	6

输出转速 Output speed (r/min)	输出转矩 Output torque (Nm)	传动比 Ratio (i)	使用系数 Service factor (f_B)	机型号 Type	电机极数 Motor pole
7.5kW					
110	649	6.52	1.71	ERX 127	8
123	584	5.87	1.90	ERXF127	8
139	517	7.00	2.1		
149	482	6.52	2.3		
165	433	5.87	2.6	ERX 127	6
184	390	5.28	2.8	ERXF127	6
201	356	4.81	3.1		
225	318	4.31	3.5		
207	346	7.00	3.2		
222	322	6.52	3.4	ERX 127	4
247	290	5.87	3.8	ERXF127	4
220	325	6.63	1.40		
260	275	5.61	1.65		
281	255	5.19	2.7	ERX 107	4
314	230	4.65	3.0	ERXF107	4
348	205	4.20	4.0		
252	285	5.79	1.50		
297	240	4.91	1.65		
323	220	4.52	2.7		
361	198	4.04	3.0	ERX 97	4
401	179	3.64	3.3	ERXF97	4
442	162	3.30	3.7		
500	143	2.92	4.2		
324	220	4.50	1.30		
386	185	3.78	1.65		
420	171	3.48	2.4		
472	152	3.09	2.7		
529	135	2.76	3.0	ERX 87	4
589	122	2.48	3.3	ERXF87	4
679	105	2.15	3.7		
756	95	1.93	3.7		
912	78	1.60	4.0		
1050	68	1.39	4.3		
449	159	3.25	1.15		
474	151	3.08	1.30		
541	132	2.70	1.60		
601	119	2.43	1.80	ERX 77	4
685	104	2.13	1.90	ERXF77	4
777	92	1.88	2.0		
874	82	1.67	2.1		
1030	70	1.42	2.2		
575	125	2.54	0.95		
608	118	2.40	1.05		
716	100	2.04	1.35	ERX 67	4
785	91	1.86	1.40	ERXF67	4
907	79	1.61	1.45		
1045	69	1.40	1.50		
11kW					
4.9	18900	299	0.95		
5.4	17000	269	1.05		
6.4	14500	229	1.25	ER 167ER107	4
7.3	12600	199	1.45	ERF167ER107	4
8.5	10900	172	1.65		
5.0	18300	290	1.00	ER 167ER107	4
				ERF167ER107	4
4.4	21200	335	0.85		
4.7	19500	308	0.95	ER 167ER97	4
5.2	17600	279	1.00	ERF167ER97	4
5.7	16000	254	0.80		
6.7	13800	219	0.95	ER 147ER87	4
7.5	12300	194	1.05	ERF147ER87	4
9.2	10000	159	1.30		



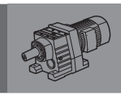
输出转速 Output speed (r/min)	输出转矩 Output torque (Nm)	传动比 Ratio (i)	使用系数 Service factor (f_B)	机型号 Type	电机极数 Motor pole
11kW					
6.8	14614	216.07	2.2		
8.2	11992	177.31	2.7		
10	9757	144.26	3.3	ER 177	4
11	8933	132.08	3.6	ERF177	4
13	7806	115.41	4.1		
5.1	20500	186.93	0.90		
6.3	16700	153.07	1.05	ER 167	6
6.9	15300	139.98	1.20	ERF167	6
7.9	13300	121.81	1.35		
6.4	16500	229.71	1.10		
7.8	13400	186.93	1.35		
9.5	11000	153.07	1.65		
10	10100	139.98	1.80	ER 167	4
12	8760	121.81	2.1	ERF167	4
14	7730	107.49	2.3		
16	6700	93.19	2.7		
18	5960	82.91	3.0		
6.3	16800	153.12	0.80		
7.7	13700	124.92	0.95		
8.4	12500	113.93	1.05	ER 147	6
9.7	10800	98.60	1.20	ERF147	6
11	9520	87.00	1.35		
8.6	12200	170.22	1.05		
9.5	11000	153.12	1.20		
12	8990	124.92	1.45		
13	8200	113.93	1.60		
15	7090	98.60	1.85	ER 147	4
17	6260	87.00	2.1	ERF147	4
19	5410	75.14	2.4		
21	5020	69.82	2.6		
23	4580	63.68	2.8		
26	3960	55.11	3.3		
11	9890	137.45	0.80		
12	8980	124.85	0.90		
13	7970	110.77	1.00		
15	7230	100.52	1.10		
17	6220	86.40	1.30		
18	5740	79.72	1.40		
20	5210	72.41	1.55	ER 137	4
23	4620	64.25	1.75	ERF137	4
25	4190	58.30	1.90		
29	3610	50.11	2.2		
33	3150	43.74	2.5		
39	2670	37.10	3.0		
45	2330	32.43	3.4		
21	5090	70.81	0.85		
23	4590	63.75	0.95		
25	4150	57.73	1.05		
29	3680	51.19	1.15	ER 107	4
32	3330	46.29	1.30	ERF107	4
37	2820	39.23	1.50		
43	2470	34.27	1.75		
51	2060	28.66	2.1		
48	2210	30.71	1.95		
53	1980	27.53	2.2		
59	1790	24.85	2.4	ER 107	4
65	1620	22.57	2.6	ERF107	4
73	1440	20.03	3.0		
80	1310	18.17	3.3		
31	3420	47.48	0.90		
34	3070	42.69	1.00		
39	2670	37.05	1.15	ER 97	4
44	2390	33.18	1.20	ERF97	4
53	1980	27.52	1.35		

输出转速 Output speed (r/min)	输出转矩 Output torque (Nm)	传动比 Ratio (i)	使用系数 Service factor (f_B)	机型号 Type	电机极数 Motor pole
11kW					
59	1780	24.68	1.60		
66	1590	22.06	1.70		
74	1430	19.85	1.85		
81	1290	17.98	1.95		
92	1150	15.94	2.1		
101	1040	14.42	2.2	ER 97	4
119	880	12.22	2.5	ERF97	4
137	770	10.67	2.7		
157	670	9.29	3.0		
174	605	8.39	3.4		
205	510	7.12	3.9		
235	445	6.21	4.2		
66	1590	22.12	0.95		
74	1410	19.64	1.00		
83	1260	17.56	1.10		
92	1140	15.79	1.20		
106	990	13.71	1.30		
119	880	12.27	1.40		
143	730	10.18	1.60	ER 87	4
162	650	9.01	1.85	ERF87	4
180	585	8.10	2.0		
208	505	7.03	2.1		
232	455	6.29	2.3		
280	375	5.22	2.4		
322	325	4.54	2.8		
129	810	11.28	0.80		
146	720	10.00	0.90		
189	555	7.74	1.10		
215	490	6.79	1.20	ER 77	4
244	430	5.99	1.25	ERF77	4
275	380	5.31	1.35		
322	325	4.54	1.55		
156	671	6.20	2.5		
171	614	5.67	2.7		
191	550	5.08	3.1	ERX 157	6
209	503	4.64	3.3	ERXF157	6
240	438	4.04	3.8		
235	446	6.20	3.8	ERX 157	4
257	408	5.67	4.1	ERXF157	4
224	469	6.52	2.4		
249	422	5.87	2.6		
277	380	5.28	2.9	ERX 127	4
303	346	4.81	3.2	ERXF127	4
339	310	4.31	3.6		
372	283	3.93	3.9		
281	375	5.19	1.85		
314	335	4.65	2.1		
348	300	4.20	2.7		
383	275	3.81	3.0	ERX 107	4
432	245	3.38	3.4	ERXF107	4
476	220	3.07	3.8		
553	190	2.64	4.4		
323	325	4.52	1.85		
361	290	4.04	2.0		
401	260	3.64	2.3		
442	235	3.30	2.5		
500	210	2.92	2.8	ERX 97	4
553	190	2.64	3.1	ERXF97	4
652	161	2.24	3.7		
745	141	1.96	4.0		
890	118	1.64	4.3		
1030	102	1.42	4.5		



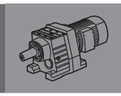
输出转速 Output speed (r/min)	输出转矩 Output torque (Nm)	传动比 Ratio (i)	使用系数 Service factor (f_B)	机型号 Type	电机极数 Motor pole
11kW					
420	250	3.48	1.60		
472	220	3.09	1.80		
529	199	2.76	2.0		
589	178	2.48	2.3	ERX 87	4
679	155	2.15	2.5	ERXF87	4
756	139	1.93	2.6		
912	115	1.60	2.7		
1050	100	1.39	2.9		
601	175	2.43	1.25		
685	153	2.13	1.30		
777	135	1.88	1.40	ERX 77	4
874	120	1.67	1.45	ERXF77	4
1030	102	1.42	1.50		
15kW					
6.4	19700	229	0.90		
7.3	17200	199	1.05	ER 167ER107	4
8.5	14800	172	1.20	ERF167ER107	4
6.5	19500	226	0.90	ER 167ER107	4
7.4	17000	197	1.05	ERF167ER107	4
6.8	21200	216.07	1.51		
8.2	17397	177.31	1.84		
10	14154	144.26	2.3		
11	12959	132.08	2.5	ER 177	4
13	11324	115.41	2.8	ERF177	4
14	10070	102.63	3.2		
16	8774	89.42	3.6		
6.3	22600	153.07	0.80		
6.9	20700	139.98	0.85	ER 167	6
8.0	18000	121.81	1.00	ERF167	6
9.0	15900	107.49	1.15		
6.4	22500	229.71	0.80		
7.8	18300	186.93	1.00		
9.5	15000	153.07	1.20		
10	13700	139.98	1.30		
12	12000	121.81	1.50	ER 167	4
14	10500	107.49	1.70	ERF167	4
16	9140	93.19	1.95		
18	8130	82.91	2.2		
20	7090	72.24	2.5		
22	6480	66.06	2.8		
9.8	14600	98.60	0.90		
11	12800	87.00	1.00		
13	11100	75.14	1.15	ER 147	6
14	10300	69.82	1.25	ERF147	6
15	9400	63.68	1.40		
8.6	16700	170.22	0.80		
9.5	15000	153.12	0.85		
12	12300	124.92	1.05		
13	11200	113.93	1.15		
15	9670	98.60	1.35		
17	8540	87.00	1.50	ER 147	4
19	7370	75.14	1.75	ERF147	4
21	6850	69.82	1.90		
23	6250	63.68	2.1		
26	5410	55.11	2.4		
30	4770	48.63	2.7		

输出转速 Output speed (r/min)	输出转矩 Output torque (Nm)	传动比 Ratio (i)	使用系数 Service factor (f_B)	机型号 Type	电机极数 Motor pole
15kW					
15	9860	100.52	0.80		
17	8480	86.40	0.95		
18	7820	79.72	1.00		
20	7100	72.41	1.15		
23	6300	64.25	1.25		
25	5720	58.30	1.40	ER 137	4
29	4920	50.11	1.65	ERF137	4
33	4290	43.74	1.85		
39	3640	37.10	2.2		
45	3180	32.43	2.5		
53	2690	27.42	2.9		
32	4540	46.29	0.95		
37	3850	39.23	1.10	ER 107	4
43	3360	34.27	1.30	ERF107	4
51	2810	28.66	1.55		
48	3010	30.71	1.45		
53	2700	27.53	1.60		
59	2440	24.85	1.75		
65	2210	22.57	1.95	ER 107	4
73	1970	20.03	2.2	ERF107	4
80	1780	18.17	2.4		
93	1530	15.62	2.8		
107	1340	13.63	3.2		
53	2700	27.52	1.00	ER 97	4
				ERF97	4
59	2420	24.68	1.15		
66	2160	22.06	1.25		
74	1950	19.85	1.35		
81	1760	17.98	1.40		
92	1560	15.94	1.55		
101	1410	14.42	1.65	ER 97	4
119	1200	12.22	1.85	ERF97	4
137	1050	10.67	2.0		
157	910	9.29	2.2		
174	820	8.39	2.5		
205	700	7.12	2.9		
235	610	6.21	3.1		
83	1720	17.56	0.80		
92	1550	15.79	0.85		
106	1350	13.71	0.95		
119	1200	12.27	1.00		
143	1000	10.18	1.20		
162	880	9.01	1.35	ER 87	4
180	795	8.10	1.45	ERF87	4
208	690	7.03	1.55		
232	615	6.29	1.65		
280	510	5.22	1.80		
322	445	4.54	2.0		
235	608	6.20	2.8		
257	556	5.67	3.0		
287	498	5.08	3.4	ERX 157	4
315	455	4.64	3.7	ERXF157	4
361	396	4.04	4.2		
224	640	6.52	1.73		
249	576	5.87	1.93		
277	518	5.28	2.1	ERX 127	4
303	472	4.81	2.3	ERXF127	4
339	423	4.31	2.6		
372	385	3.93	2.9		



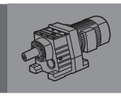
输出转速 Output speed (r/min)	输出转矩 Output torque (Nm)	传动比 Ratio (i)	使用系数 Service factor (f_B)	机型号 Type	电机极数 Motor pole
15kW					
281	510	5.19	1.35		
314	455	4.65	1.50		
348	410	4.20	2.0		
383	375	3.81	2.2		
432	330	3.38	2.5		
476	300	3.07	2.8	ERX 107	4
553	260	2.64	3.2	ERXF107	4
635	225	2.30	3.7		
749	191	1.95	4.0		
854	168	1.71	4.2		
1015	141	1.44	4.6		
323	445	4.52	1.35		
361	395	4.04	1.50		
401	355	3.64	1.65		
442	325	3.30	1.85		
500	285	2.92	2.1	ERX 97	4
553	260	2.64	2.3	ERXF97	4
652	220	2.24	2.7		
745	192	1.96	3.0		
890	161	1.64	3.1		
1030	139	1.42	3.3		
420	340	3.48	1.20		
472	305	3.09	1.35		
529	270	2.76	1.50		
589	245	2.48	1.65	ERX 87	4
679	210	2.15	1.85	ERXF87	4
756	189	1.93	1.85		
912	157	1.60	2.0		
1050	136	1.39	2.1		
18.5kW					
8.3	21310	177.31	1.50		
10	17338	144.26	1.85		
11	15874	132.08	2.0		
13	13871	115.41	2.3	ER 177	4
14	12335	102.63	2.6	ERF177	4
16	10747	89.42	3.0		
18	9589	79.78	3.3		
7.9	22500	186.93	0.80		
9.6	18400	153.07	1.00		
11	16800	139.98	1.05		
12	14600	121.81	1.25		
14	12900	107.49	1.40	ER 167	4
16	11200	93.19	1.60	ERF167	4
18	9960	82.91	1.80		
20	8680	72.24	2.1		
22	7940	66.06	2.3		
26	6910	57.48	2.6		
13	13700	113.93	0.95		
15	11800	98.60	1.10		
17	10500	87.00	1.25		
20	9030	75.14	1.45		
21	8390	69.82	1.55	ER 147	4
23	7650	63.68	1.70	ERF147	4
27	6620	55.11	1.95		
30	5840	48.63	2.2		
35	5050	42.00	2.6		
18	9580	79.72	0.85		
20	8700	72.41	0.90		
23	7720	64.25	1.05		
25	7010	58.30	1.15		
29	6020	50.11	1.35	ER 137	4
34	5260	43.74	1.50	ERF137	4
40	4460	37.10	1.80		
45	3900	32.43	2.1		
54	3300	27.42	2.3		

输出转速 Output speed (r/min)	输出转矩 Output torque (Nm)	传动比 Ratio (i)	使用系数 Service factor (f_B)	机型号 Type	电机极数 Motor pole
18.5kW					
51	3460	28.80	2.2		
63	2820	23.50	2.8		
69	2580	21.43	3.1	ER 137	4
79	2230	18.55	3.6	ERF137	4
90	1970	16.36	4.1		
37	4710	39.23	0.90		
43	4120	34.27	1.05	ER 107	4
51	3440	28.66	1.25	ERF107	4
59	2990	24.85	1.45		
65	2710	22.57	1.60		
73	2410	20.03	1.80		
81	2180	18.17	1.95		
94	1880	15.62	2.3		
108	1640	13.63	2.6	ER 107	4
127	1390	11.56	3.1	ERF107	4
145	1210	10.11	3.5		
172	1030	8.55	4.2		
183	970	8.03	3.1		
210	840	7.01	3.5		
74	2390	19.85	1.10		
82	2160	17.98	1.15		
92	1920	15.94	1.25		
102	1730	14.42	1.35		
120	1470	12.22	1.50		
138	1280	10.67	1.65	ER 97	4
158	1120	9.29	1.80	ERF97	4
175	1010	8.39	2.0		
206	860	7.12	2.3		
237	745	6.21	2.5		
283	625	5.20	2.8		
327	540	4.50	3.0		
107	1650	13.71	0.80		
120	1470	12.27	0.85		
144	1220	10.18	0.95		
163	1080	9.01	1.10		
181	970	8.10	1.20	ER 87	4
209	840	7.03	1.25	ERF87	4
234	755	6.29	1.35		
282	625	5.22	1.45		
324	545	4.54	1.65		
237	745	6.20	2.3		
259	681	5.67	2.5		
289	611	5.08	2.8	ERX 157	4
317	558	4.64	3.0	ERXF157	4
364	486	4.04	3.5		
412	429	3.57	3.9		
278	635	5.28	1.75		
305	579	4.81	1.92	ERX 127	4
341	518	4.31	2.1	ERXF127	4
374	472	3.93	2.4		
350	505	4.20	1.65		
386	460	3.81	1.80		
435	405	3.38	2.0		
479	370	3.07	2.2		
557	315	2.64	2.6	ERX 107	4
639	275	2.30	3.0	ERXF107	4
754	235	1.95	3.3		
860	205	1.71	3.4		
1020	173	1.44	3.7		
404	435	3.64	1.35		
445	395	3.30	1.50		
503	350	2.92	1.70		
557	315	2.64	1.90	ERX 97	4
656	270	2.24	2.2	ERXF97	4
750	235	1.96	2.4		
896	197	1.64	2.6		
1035	171	1.42	2.7		



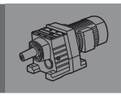
输出转速 Output speed (r/min)	输出转矩 Output torque (Nm)	传动比 Ratio (i)	使用系数 Service factor (f_B)	机型号 Type	电机极数 Motor pole
18.5kW					
533	330	2.76	1.20		
593	300	2.48	1.35		
684	260	2.15	1.50	ERX 87	4
762	230	1.93	1.55	ERXF87	4
919	192	1.60	1.65		
1060	167	1.39	1.75		
22kW					
8.3	25342	177.31	1.26		
10	20618	144.26	1.55		
11	18878	132.08	1.70		
13	16495	115.41	1.94		
14	14668	102.63	2.2	ER 177	4
16	12780	89.42	2.5	ERF177	4
18	11403	79.78	2.8		
22	9719	68.00	3.3		
24	8621	60.32	3.7		
9.6	21900	153.07	0.80		
11	20000	139.98	0.90		
12	17400	121.81	1.05		
14	15400	107.49	1.15		
16	13300	93.19	1.35		
18	11800	82.91	1.50	ER 167	4
20	10300	72.24	1.75	ERF167	4
22	9440	66.06	1.90		
26	8210	57.48	2.2		
29	7250	50.73	2.5		
33	6290	43.98	2.9		
13	16300	113.93	0.80		
15	14100	98.60	0.90		
17	12400	87.00	1.05		
20	10700	75.14	1.20		
21	9980	69.82	1.30		
23	9100	63.68	1.45	ER 147	4
27	7880	55.11	1.65	ERF147	4
30	6950	48.63	1.85		
35	6000	42.00	2.2		
40	5310	37.15	2.4		
47	4460	31.22	2.9		
58	3600	25.21	3.3		
23	9180	64.25	0.85		
25	8330	58.30	0.95		
29	7160	50.11	1.10		
34	6250	43.74	1.30	ER 137	4
40	5300	37.10	1.50	ERF137	4
45	4630	32.43	1.75		
54	3920	27.42	1.95		
51	4120	28.80	1.90		
63	3360	23.50	2.4		
69	3060	21.43	2.6		
79	2650	18.55	3.0	ER 137	4
90	2340	16.36	3.4	ERF137	4
104	2020	14.13	4.0		
118	1790	12.50	4.5		
43	4900	34.27	0.90	ER 107	4
51	4100	28.66	1.05	ERF107	4

输出转速 Output speed (r/min)	输出转矩 Output torque (Nm)	传动比 Ratio (i)	使用系数 Service factor (f_B)	机型号 Type	电机极数 Motor pole
22kW					
59	3550	24.85	1.20		
65	3230	22.57	1.35		
73	2860	20.03	1.50		
81	2600	18.17	1.65		
94	2230	15.62	1.95		
108	1950	13.63	2.2	ER 107	4
127	1650	11.56	2.6	ERF107	4
145	1440	10.11	3.0		
172	1220	8.55	3.5		
183	1150	8.03	2.6		
210	1000	7.01	3.0		
247	850	5.95	3.5		
74	2840	19.85	0.90		
82	2570	17.98	0.95		
92	2280	15.94	1.05		
102	2060	14.42	1.10		
120	1750	12.22	1.25		
138	1520	10.67	1.35	ER 97	4
158	1330	9.29	1.55	ERF97	4
175	1200	8.39	1.70		
206	1020	7.12	1.95		
237	890	6.21	2.1		
283	745	5.20	2.4		
327	645	4.50	2.5		
144	1450	10.18	0.80		
163	1290	9.01	0.95		
181	1160	8.10	1.00		
209	1000	7.03	1.05	ER 87	4
234	900	6.29	1.15	ERF87	4
282	745	5.22	1.20		
324	650	4.54	1.40		
259	810	5.67	2.1		
289	726	5.08	2.3		
317	663	4.64	2.5	ERX 157	4
364	577	4.04	2.9	ERXF157	4
412	510	3.57	3.3		
278	755	5.28	1.47		
305	688	4.81	1.61		
341	616	4.31	1.80	ERX 127	4
374	561	3.93	2.0	ERXF127	4
432	486	3.40	2.3		
350	600	4.20	1.40		
386	545	3.81	1.50		
435	485	3.38	1.70		
479	440	3.07	1.90		
557	375	2.64	2.2	ERX 107	4
639	330	2.30	2.5	ERXF107	4
754	280	1.95	2.7		
860	245	1.71	2.9		
1020	205	1.44	3.1		
404	520	3.64	1.15		
445	470	3.30	1.25		
503	415	2.92	1.45		
557	375	2.64	1.60	ERX 97	4
656	320	2.24	1.85	ERXF97	4
750	280	1.96	2.0		
896	235	1.64	2.2		
1035	205	1.42	2.2		
533	395	2.76	1.05		
593	355	2.48	1.15		
684	305	2.15	1.25	ERX 87	4
762	275	1.93	1.30	ERXF87	4
919	230	1.60	1.40		
1060	199	1.39	1.45		



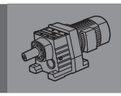
输出转速 Output speed (r/min)	输出转矩 Output torque (Nm)	传动比 Ratio (i)	使用系数 Service factor (f_B)	机型号 Type	电机极数 Motor pole
30kW					
10	28116	144.26	1.14		
11	25742	132.08	1.24		
13	22493	115.41	1.42		
14	20002	102.63	1.60		
16	17428	89.42	1.84	ER 177	4
18	15549	79.78	2.1	ERF177	4
22	13253	68.00	2.4		
24	11756	60.32	2.7		
28	10244	52.56	3.1		
31	9139	46.89	3.5		
14	20800	107.49	0.85		
16	18000	93.19	1.00		
18	16000	82.91	1.10		
20	14000	72.24	1.30		
22	12800	66.06	1.40		
26	11100	57.48	1.60	ER 167	4
29	9820	50.73	1.85	ERF167	4
34	8510	43.98	2.1		
38	7570	39.13	2.4		
45	6430	33.20	2.8		
54	5300	27.40	3.4		
64	4500	23.24	4.0		
20	14500	75.14	0.90		
21	13500	69.82	0.95		
23	12300	63.68	1.05		
27	10700	55.11	1.20		
30	9410	48.63	1.40	ER 147	4
35	8130	42.00	1.60	ERF147	4
40	7190	37.15	1.80		
47	6040	31.22	2.2		
59	4880	25.21	2.4		
69	4120	21.30	2.9		
79	3640	18.80	2.9	ER 147	4
91	3160	16.30	4.1	ERF147	4
102	2810	14.50	4.5		
30	9700	50.11	0.80		
34	8470	43.74	0.95		
40	7180	37.10	1.10	ER 137	4
46	6280	32.43	1.25	ERF137	4
54	5310	27.42	1.45		
63	4550	23.50	1.75		
69	4150	21.43	1.95		
80	3590	18.55	2.2		
90	3170	16.36	2.5		
105	2740	14.13	2.9	ER 137	4
118	2420	12.50	3.3	ERF137	4
141	2030	10.51	3.9		
175	1640	8.48	4.8		
203	1410	7.28	3.6		
242	1180	6.12	4.3		
74	3880	20.03	1.10		
81	3520	18.17	1.20		
95	3020	15.62	1.40		
109	2640	13.63	1.65		
128	2240	11.56	1.90		
146	1960	10.11	2.2	ER 107	4
173	1650	8.55	2.6	ERF107	4
184	1550	8.03	1.90		
211	1360	7.01	2.2		
249	1150	5.95	2.6		
285	1010	5.20	3.0		
337	850	4.39	3.4		

输出转速 Output speed (r/min)	输出转矩 Output torque (Nm)	传动比 Ratio (i)	使用系数 Service factor (f_B)	机型号 Type	电机极数 Motor pole
30kW					
93	3090	15.94	0.80		
121	2370	12.22	0.95		
139	2070	10.67	1.00		
159	1800	9.29	1.15		
176	1620	8.39	1.25	ER 97	4
208	1380	7.12	1.45	ERF97	4
238	1200	6.21	1.55		
285	1010	5.20	1.75		
329	870	4.50	1.85		
289	990	5.08	1.70		
317	904	4.64	1.86	ERX 157	4
364	787	4.04	2.1	ERXF157	4
412	696	3.57	2.4		
341	840	4.31	1.32		
374	766	3.93	1.45		
432	663	3.40	1.68	ERX 127	4
490	585	3.00	1.90	ERXF127	4
567	505	2.59	2.2		
438	655	3.38	1.25		
482	595	3.07	1.40		
561	510	2.64	1.60		
643	445	2.30	1.85	ERX 107	4
759	375	1.95	2.0	ERXF107	4
865	330	1.71	2.1		
1030	280	1.44	2.3		
507	565	2.92	1.05		
561	510	2.64	1.15		
661	435	2.24	1.35	ERX 97	4
755	380	1.96	1.50	ERXF97	4
902	315	1.64	1.60		
1040	275	1.42	1.65		
37kW					
11	31534	132.08	1.01		
13	27554	115.41	1.16		
14	24503	102.63	1.31		
17	21349	89.42	1.50		
19	19047	79.78	1.68	ER 177	4
22	16235	68.00	1.97	ERF177	4
25	14401	60.32	2.2		
28	12549	52.56	2.6		
32	11195	46.89	2.9		
37	9543	39.97	3.4		
16	22200	93.19	0.80		
18	19800	82.91	0.90		
20	17200	72.24	1.05		
22	15800	66.06	1.15		
26	13700	57.48	1.30	ER 167	4
29	12100	50.73	1.50	ERF167	4
34	10500	43.98	1.70		
38	9340	39.13	1.95		
45	7930	33.20	2.3		
54	6540	27.40	2.8		
48	7330	30.71	1.35		
60	5870	24.57	2.4		
68	5220	21.85	2.5	ER 167	4
78	4540	19.03	3.5	ERF167	4
87	4050	16.98	3.7		
21	16700	69.82	0.80		
23	15200	63.68	0.85		
27	13200	55.11	1.00	ER 147	4
30	11600	48.63	1.10	ERF147	4
35	10000	42.00	1.30		
40	8870	37.15	1.45		



输出转速 Output speed (r/min)	输出转矩 Output torque (Nm)	传动比 Ratio (i)	使用系数 Service factor (f_B)	机型号 Type	电机极数 Motor pole
37kW					
47	7450	31.22	1.75	ER 147	4
59	6020	25.21	2.0	ERF147	4
69	5080	21.30	2.4		
79	4490	18.80	2.3		
91	3890	16.30	3.3	ER 147	4
102	3460	14.50	3.6	ERF147	4
120	2940	12.30	4.4		
40	8860	37.10	0.90		
46	7740	32.43	1.05	ER 137	4
54	6550	27.42	1.15	ERF137	4
63	5610	23.50	1.45		
69	5120	21.43	1.55		
80	4430	18.55	1.80		
90	3910	16.36	2.0		
105	3370	14.13	2.4		
118	2980	12.50	2.7	ER 137	4
141	2510	10.51	3.2	ERF137	4
175	2020	8.48	3.9		
203	1740	7.28	2.9		
242	1460	6.12	3.5		
300	1180	4.94	3.9		
74	4780	20.03	0.90		
81	4340	18.17	1.00		
95	3730	15.62	1.15		
109	3250	13.63	1.30		
128	2760	11.56	1.55		
146	2410	10.11	1.80	ER 107	4
173	2040	8.55	2.1	ERF107	4
184	1920	8.03	1.55		
211	1670	7.01	1.75		
249	1420	5.95	2.1		
285	1240	5.20	2.4		
337	1050	4.39	2.8		
291	1213	5.08	1.39		
319	1108	4.64	1.52		
366	965	4.04	1.74	ERX 157	4
415	852	3.57	1.97	ERXF157	4
479	738	3.09	2.3		
344	1028	4.31	1.08		
377	938	3.93	1.18		
435	812	3.40	1.37	ERX 127	4
493	716	3.00	1.55	ERXF127	4
571	619	2.59	1.79		
646	547	2.29	2.0		
438	810	3.38	1.05		
482	735	3.07	1.15		
561	630	2.64	1.30		
643	550	2.30	1.50	ERX 107	4
759	465	1.95	1.65	ERXF107	4
865	410	1.71	1.75		
1030	345	1.44	1.90		
45kW					
13	33512	115.41	0.95		
14	29801	102.63	1.07		
17	25965	89.42	1.23		
19	23166	79.78	1.38		
22	19745	68.00	1.62	ER 177	4
25	17515	60.32	1.83	ERF177	4
28	15262	52.56	2.1		
32	13616	46.89	2.4		
37	11606	39.97	2.8		
45	9617	33.12	3.3		

输出转速 Output speed (r/min)	输出转矩 Output torque (Nm)	传动比 Ratio (i)	使用系数 Service factor (f_B)	机型号 Type	电机极数 Motor pole
45kW					
20	21000	72.24	0.85		
22	19200	66.06	0.95		
26	16700	57.48	1.10		
29	14700	50.73	1.20		
34	12800	43.98	1.40	ER 167	4
38	11400	39.13	1.60	ERF167	4
45	9640	33.20	1.85		
54	7960	27.40	2.3		
64	6750	23.24	2.7		
48	8920	30.71	1.10		
60	7130	24.57	1.95		
68	6340	21.85	2.0	ER 167	4
78	5530	19.03	2.9	ERF167	4
87	4930	16.98	3.0		
27	16000	55.11	0.80		
30	14100	48.63	0.90		
35	12200	42.00	1.05	ER 147	4
40	10800	37.15	1.20	ERF147	4
47	9060	31.22	1.45		
59	7320	25.21	1.65		
69	6180	21.30	1.95		
79	5460	18.80	1.90		
91	4730	16.30	2.7		
102	4210	14.50	3.0	ER 147	4
120	3570	12.30	3.6	ERF147	4
146	2950	10.15	4.4		
172	2500	8.61	5.2		
207	2070	7.14	4.2		
46	9420	32.43	0.85	ER 137	4
54	7960	27.42	0.95	ERF137	4
63	6820	23.50	1.15		
69	6220	21.43	1.30		
80	5390	18.55	1.50		
90	4750	16.36	1.70		
105	4100	14.13	1.95		
118	3630	12.50	2.2	ER 137	4
141	3050	10.51	2.6	ERF137	4
175	2460	8.48	3.2		
203	2110	7.28	2.4		
242	1780	6.12	2.9		
300	1430	4.94	3.2		
95	4540	15.62	0.95		
109	3960	13.63	1.10		
128	3360	11.56	1.30		
146	2940	10.11	1.45		
173	2480	8.55	1.75	ER 107	4
184	2330	8.03	1.25	ERF107	4
211	2040	7.01	1.45		
249	1730	5.95	1.70		
285	1510	5.20	1.95		
337	1270	4.39	2.3		
291	1475	5.08	1.14		
319	1347	4.64	1.25		
366	1173	4.04	1.43	ERX 157	4
415	1037	3.57	1.62	ERXF157	4
479	897	3.09	1.87		
538	799	2.75	2.1		
377	1141	3.93	0.97		
435	987	3.40	1.12		
493	871	3.00	1.27		
571	752	2.59	1.48	ERX 127	4
646	665	2.29	1.67	ERXF127	4
768	559	1.93	1.98		
951	452	1.56	2.5		



输出转速 Output speed (r/min)	输出转矩 Output torque (Nm)	传动比 Ratio (i)	使用系数 Service factor (f_B)	机型号 Type	电机极数 Motor pole
45kW					
438	980	3.38	0.85		
482	890	3.07	0.95		
561	765	2.64	1.10		
643	670	2.30	1.25	ERX 107	4
759	565	1.95	1.35	ERXF107	4
865	495	1.71	1.40		
1030	420	1.44	1.55		
55kW					
17	31735	89.42	1.01		
19	28314	79.78	1.13		
22	24133	68.00	1.33		
25	21407	60.32	1.49		
28	18653	52.56	1.72	ER 177	4
32	16641	46.89	1.92	ERF177	4
37	14185	39.97	2.3		
45	11754	33.12	2.7		
52	10029	28.26	3.2		
26	20400	57.48	0.90		
29	18000	50.73	1.00		
34	15600	43.98	1.15		
38	13900	39.13	1.30	ER 167	4
45	11800	33.20	1.55	ERF167	4
54	9720	27.40	1.85		
64	8250	23.24	2.2		
60	8720	24.57	1.60		
68	7750	21.85	1.70		
78	6750	19.03	2.4	ER 167	4
87	6030	16.98	2.5	ERF167	4
102	5140	14.48	3.5		
123	4250	11.99	4.0		
35	14900	42.00	0.85		
40	13200	37.15	1.00	ER 147	4
47	11100	31.22	1.15	ERF147	4
59	8950	25.21	1.35		
69	7560	21.30	1.60		
79	6670	18.80	1.55		
91	5780	16.30	2.2		
102	5150	14.50	2.4		
120	4360	12.30	3.0	ER 147	4
146	3600	10.15	3.6	ERF147	4
172	3060	8.61	4.3		
207	2530	7.14	3.4		
251	2090	5.89	4.1		
80	6580	18.55	1.20		
90	5810	16.36	1.40		
105	5010	14.13	1.60		
118	4440	12.50	1.80		
141	3730	10.51	2.1	ER 137	4
175	3010	8.48	2.6	ERF137	4
203	2580	7.28	2.0		
242	2170	6.12	2.4		
300	1750	4.94	2.6		
366	1434	4.04	1.17		
415	1267	3.57	1.33		
479	1097	3.09	1.53	ERX 157	4
538	976	2.75	1.72	ERXF157	4
635	827	2.33	2.0		
767	685	1.93	2.5		
908	578	1.63	2.9		
768	684	1.93	1.62	ERX 127	4
951	552	1.56	2.0	ERXF127	4

输出转速 Output speed (r/min)	输出转矩 Output torque (Nm)	传动比 Ratio (i)	使用系数 Service factor (f_B)	机型号 Type	电机极数 Motor pole
75kW					
22	32909	68.00	0.97		
25	29192	60.32	1.10		
28	25437	52.56	1.26		
32	22693	46.89	1.41	ER 177	4
37	19344	39.97	1.65	ERF177	4
45	16029	33.12	2.0		
52	13677	28.26	2.3		
53	13444	27.78	2.4		
59	12060	24.92	2.7	ER 177	4
68	10473	21.64	3.1	ERF177	4
75	9500	19.63	3.4		
34	21300	43.98	0.85		
38	18900	39.13	0.95		
45	16100	33.20	1.10	ER 167	4
54	13300	27.40	1.35	ERF167	4
64	11200	23.24	1.60		
60	11900	24.57	1.20		
68	10600	21.85	1.25		
78	9210	19.03	1.75		
87	8220	16.98	1.85	ER 167	4
102	7010	14.48	2.6	ERF167	4
123	5800	11.99	2.9		
145	4960	10.24	3.4		
47	15100	31.22	0.85	ER 147	4
59	12200	25.21	1.00	ERF147	4
69	10300	21.30	1.15		
79	9100	18.80	1.15		
91	7890	16.30	1.65		
102	7020	14.50	1.80		
120	5950	12.30	2.2	ER 147	4
146	4910	10.15	2.6	ERF147	4
172	4170	8.61	3.1		
207	3460	7.14	2.5		
251	2850	5.89	3.0		
296	2420	5.00	3.6		
479	1495	3.09	1.12		
538	1331	2.75	1.26		
635	1128	2.33	1.49	ERX 157	4
767	934	1.93	1.80	ERXF157	4
908	789	1.63	2.1		
768	932	1.93	1.19	ERX 127	4
951	753	1.56	1.47	ERXF127	4
90kW					
28	30421	52.56	1.05		
32	27139	46.89	1.18		
37	23134	39.97	1.38	ER 177	4
45	19169	33.12	1.67	ERF177	4
53	16357	28.26	1.96		
53	16079	27.78	1.99		
60	14423	24.92	2.2		
69	12525	21.64	2.6	ER 177	4
76	11362	19.63	2.8	ERF177	4
88	9787	16.91	3.3		
38	22600	39.13	0.80		
45	19200	33.20	0.95	ER 167	4
54	15900	27.40	1.15	ERF167	4
64	13400	23.24	1.35		

输出转速 Output speed (r/min)	输出转矩 Output torque (Nm)	传动比 Ratio (i)	使用系数 Service factor (f_B)	机型号 Type	电机极数 Motor pole
90kW					
60	14200	24.57	1.00		
68	12600	21.85	1.05		
78	11000	19.03	1.45		
87	9830	16.98	1.55	ER 167	4
103	8380	14.48	2.1	ERF167	4
124	6940	11.99	2.4		
145	5930	10.24	2.9		
91	9430	16.30	1.40		
102	8390	14.50	1.50		
121	7120	12.30	1.85		
146	5870	10.15	2.2	ER 147	4
172	4980	8.61	2.6	ERF147	4
208	4130	7.14	2.1		
252	3410	5.89	2.5		
297	2890	5.00	3.0		
540	1592	2.75	1.06		
637	1349	2.33	1.25	ERX 157	4
769	1117	1.93	1.50	ERXF157	4
911	943	1.63	1.78		
771	1115	1.93	1.00	ERX 127	4
955	900	1.56	1.23	ERXF127	4
110kW					
31.7	33170	46.89	0.96		
37.2	28275	39.97	1.13	ER 177	4
44.8	23429	33.12	1.37	ERF177	4
52.5	19991	28.26	1.60		
69	15308	21.64	2.1		
76	13886	19.63	2.3		
88	11962	16.91	2.7	ER 177	4
105	10052	14.21	3.2	ERF177	4
121	8701	12.30	3.7		
54	19400	27.40	0.95	ER 167	4
64	16400	23.24	1.10	ERF167	4
78	13500	19.03	1.20		
87	12000	16.98	1.25		
103	10200	14.48	1.75	ER 167	4
124	8480	11.99	2.0	ERF167	4
145	7240	10.24	2.3		
637	1648	2.33	1.02	ERX 157	4
769	1365	1.93	1.23	ERXF157	4
911	1153	1.63	1.46		
132kW					
45	28115	33.12	1.14	ER 177	4
53	23990	28.26	1.33	ERF177	4
69	18370	21.64	1.74		
76	16664	19.63	1.92		
88	14355	16.91	2.2		
105	12063	14.21	2.7	ER 177	4
121	10441	12.30	3.1	ERF177	4
145	8701	10.25	3.7		
170	7419	8.74	4.3		
64	19700	23.24	0.90	ER 167	4
				ERF167	4

输出转速 Output speed (r/min)	输出转矩 Output torque (Nm)	传动比 Ratio (i)	使用系数 Service factor (f_B)	机型号 Type	电机极数 Motor pole
132kW					
78	16200	19.03	1.00		
87	14400	16.98	1.05		
103	12300	14.48	1.45	ER 167	4
124	10200	11.99	1.65	ERF167	4
145	8690	10.24	1.95		
769	1638	1.93	1.03	ERX 157	4
911	1384	1.63	1.21	ERXF157	4
160kW					
45	34079	33.12	0.94	ER 177	4
53	29078	28.26	1.10	ERF177	4
69	22267	21.64	1.44		
76	20198	19.63	1.58		
88	17400	16.91	1.84	ER 177	4
105	14621	14.21	2.2	ERF177	4
121	12656	12.30	2.5		
145	10547	10.25	3.0		
170	8993	8.74	3.6		
103	14900	14.48	1.20		
124	12300	11.99	1.40	ER 167	4
145	10500	10.24	1.60	ERF167	4
200kW					
69	27833	21.64	1.15		
76	25248	19.63	1.27		
88	21750	16.91	1.47	ER 177	4
105	18277	14.21	1.75	ERF177	4
121	15820	12.30	2.0		
145	13184	10.25	2.4		
170	11241	8.74	2.8		

ER系列恒扭矩选型参数表
Constant torque model selection parameter form of ER series

输出转速 Output speed (r/min)	传动比 Ratio (i)	机型号 Type	电机功率 Power (kW)/4P
130Nm			
0.16	8848		
0.19	7301		
0.20	6844		
0.22	6216		
0.26	5359		
0.30	4682		0.12
0.33	4185		
0.38	3612		
0.44	3153		
0.49	2838		
0.56	2480		
0.64	2168		
0.74	1872		
0.89	1567		
0.96	1441		
1.1	1271	ER 27ER17	
1.3	1088	ERF27ER17	
1.4	999		0.12
1.6	863		
1.8	762		
2.1	672		
2.4	581		
2.7	513		
3.1	452		
3.5	392		
4.1	338		
4.7	298		0.12
5.3	263		
6.0	233		
6.7	208		
7.6	184		
8.7	160		
10	139		0.18
11	121		
13	107		
15	93		0.25
200Nm			
0.16	8595		
0.19	7248		
0.20	7092		
0.23	6038		
0.27	5206		
0.31	4548		
0.34	4065		0.12
0.37	3727		
0.45	3110		
0.50	2757		
0.58	2409		
0.66	2106		
0.76	1818		
0.88	1576		
1.0	1343		
1.1	1267		
1.3	1107		
1.4	970	ER 37ER17	0.12
1.7	839	ERF37ER17	
1.9	740		
2.1	653		
2.4	576		
2.8	498		
3.2	439		
3.7	378		
4.2	328		0.12
4.8	289		
5.2	265		
6.2	226		
6.9	202		0.18
7.8	179		
8.9	156		
10	135		0.25
11	127		
13	104		
15	90		0.37

输出转速 Output speed (r/min)	传动比 Ratio (i)	机型号 Type	电机功率 Power (kW)/4P
300Nm			
0.10	13282		
0.11	12183		
0.13	10372		
0.16	8943		
0.17	8336		
0.19	7286		
0.20	6830		
0.23	6027		
0.25	5494		0.12
0.29	4737		
0.31	4415		
0.36	3859		
0.38	3618		
0.44	3192		
0.49	2830		
0.58	2406		
0.55	2537	ER 47ER37	
0.60	2327	ERF47ER37	
0.70	1981		
0.81	1708		
0.87	1592		
1.00	1392		
1.1	1305		0.12
1.2	1151		
1.3	1049		
1.5	905		
1.6	843		
1.9	737		
2.5	546		
2.8	502		0.12
3.2	429		
3.7	372		
4.0	348		0.18
4.6	301		
5.5	255		
6.1	228		0.25
450Nm			
0.10	14445		
0.11	12106		
0.13	10971		
0.15	9454		
0.16	8568		
0.19	7387		
0.21	6633		
0.25	5642		
0.28	4979		0.12
0.32	4332		
0.36	3913		
0.41	3356		
0.48	2910		
0.54	2579		
0.62	2226		
0.71	1964		
0.80	1734	ER 57ER37	
0.90	1548	ERF57ER37	
0.99	1401		
1.2	1190		0.12
1.3	1034		
1.8	779		
2.1	673		
2.3	597		
2.6	536		0.18
3.0	471		
3.9	357		
4.3	323		0.25
5.1	271		
5.8	239		0.37

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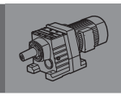
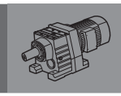


输出转速 Output speed (r/min)	传动比 Ratio (i)	机型号 Type	电机功率 Power (kW)/4P
600Nm			
0.09	15165	ER 67ER37 ERF67ER37	0.12
0.11	12911		
0.12	11883		
0.14	10126		
0.15	9070		
0.18	7716		
0.21	6745		
0.23	5967		
0.27	5216		
0.29	4716		
0.34	4122		
0.39	3572		
0.45	3112		
0.50	2763		
0.58	2390		
0.50	2757		0.12
0.55	2549		
0.66	2111		
0.77	1797		
0.84	1649		
0.93	1493		
1.0	1364		
1.9	722		0.18
2.2	640		
2.4	574		
2.9	487		0.25
0.84	1646		0.12
0.97	1436		
1.1	1273		
1.3	1100		
1.7	835		0.18
1.8	754		
2.1	653		
2.4	573		
2.8	496		0.25
3.2	438		
3.5	394		
4.1	343		0.37
4.7	293		
820Nm			
0.08	16645	ER 77ER37 ERF77ER37	0.12
0.09	15284		
0.10	14246		
0.11	12740		
0.13	10961		
0.14	9730		
0.16	8804		
0.18	7601		
0.21	6748		
0.24	5805		
0.27	5153		
0.31	4542		
0.35	4001		
0.40	3482		
0.45	3064		
0.51	2706		
0.43	3268		0.12
0.46	2997		
0.58	2411		
0.64	2180		
0.71	1946		
0.82	1703		
0.84	1650		
0.96	1442		
1.1	1281		
1.2	1121		0.18
1.3	1030		
1.5	908		
1.6	874		
1.8	764		

输出转速 Output speed (r/min)	传动比 Ratio (i)	机型号 Type	电机功率 Power (kW)/4P
820Nm			
2.0	679	ER 77ER37 ERF77ER37	0.25
2.4	573		
2.5	566		0.25
2.9	482		0.37
3.2	435		
3.7	374		
4.2	328		0.55
4.8	291		
5.4	259		
1550Nm			
0.08	17483	ER 87ER57 ERF87ER57	0.12
0.09	15213		
0.10	13659		
0.11	12095		
0.13	10509		
0.15	9219		
0.17	8145		
0.20	7017		
0.23	6156		
0.25	5490		
0.29	4848		
0.33	4205		
0.37	3723		
0.49	2834		
0.71	1961		0.18
0.34	4081		0.12
0.37	3759		
0.44	3134		
0.50	2769		
0.54	2571		
0.66	2119		0.18
0.72	1922		
0.80	1728		
0.93	1500		
0.98	1418		
1.1	1231		0.25
1.2	1136		
1.3	1052		
1.5	941		0.37
1.7	795		
1.9	744		
0.81	1722		0.18
0.90	1541		
1.1	1312		0.25
1.2	1140		
1.4	1011		
1.6	889		0.37
1.8	783		
2.0	684		
2.3	599		0.55
2.6	525		
3.0	456		
3.4	404		0.75
3.9	357		
4.5	309		1.1
5.2	269		
2.6	539		0.55
3.0	469		
3.5	394		0.75
3.9	354		
4.7	299		1.1
5.5	253		



输出转速 Output speed (r/min)	传动比 Ratio (i)	机型号 Type	电机功率 Power (kW)/4P
3000Nm			
0.06	21452	ER 97ER57 ERF97ER57	0.12
0.07	19466		
0.08	17287		
0.09	14945		
0.10	13347		
0.12	11158		
0.14	9976		
0.16	8814		
0.18	7601		
0.21	6700		
0.23	6015		
0.27	5175		
0.31	4534		
0.35	4002		0.18
0.40	3485		
0.31	4543		0.12
0.33	4239		0.18
0.38	3690		
0.46	3054		
0.52	2664		0.25
0.62	2251		
0.70	1980		
0.80	1738		0.37
0.86	1616		
0.97	1427		
1.2	1203		0.55
1.3	1090		
1.5	933		
1.6	874		
1.8	769		0.75
0.77	1813		0.37
0.88	1581		
1.0	1389		
1.1	1230		0.55
1.3	1060		
1.5	944		
1.7	823		0.75
1.9	737		
2.2	637		1.1
2.5	560		
2.9	478		
3.2	437		1.5
3.7	377		
4.2	332		
4.8	297		2.2
5.8	244		
6.1	234		
2.2	628		1.1
2.7	526		
3.0	474		
3.3	429		1.5
3.8	372		
4.1	344		
4.8	296		2.2
5.3	269		
6.2	228		
4300Nm			
0.07	19866	ER 107ER77 ERF107ER77	0.12
0.08	17230		
0.09	15169		
0.11	12924		
0.12	11196		
0.14	9675		
0.16	8620		
0.18	7589		
0.21	6767		0.18
0.24	5897		
0.27	5187		
0.31	4423		

输出转速 Output speed (r/min)	传动比 Ratio (i)	机型号 Type	电机功率 Power (kW)/4P
4300Nm			
0.36	3892	ER 107ER77 ERF107ER77	0.25
0.41	3423		
0.46	3048		
0.36	3863		0.25
0.41	3372		
0.45	3060		
0.53	2603		0.37
0.61	2296		
0.66	2092		
0.81	1718		0.55
0.91	1522		
1.00	1394		
1.2	1187		0.75
1.3	1036		
1.5	920		1.1
1.7	815		
1.9	737		
2.2	636		1.5
2.8	507		
0.70	1995		0.37
0.77	1809		0.55
0.87	1597		
0.98	1415		
1.1	1216		0.75
1.3	1096		
1.5	929		1.1
1.7	828		
2.3	613		1.5
2.6	544		
2.8	492		
3.4	417		2.2
3.9	366		
4.4	323		
4.9	287		3
5.8	246		
6.9	208		4
7.9	182		
3.1	459		1.5
3.4	417		2.2
3.7	379		
4.4	324		
4.9	289		3
5.5	256		
6.5	221		4
7.5	192		
8.4	172		5.5
8000Nm			
0.06	21851	ER 137ER77 ERF137ER77	0.12
0.07	18651		
0.08	16482		
0.09	14772		
0.11	12996		
0.12	11701		0.18
0.13	10563		
0.16	8776		
0.19	7472		0.25
0.21	6571		
0.24	5882		
0.27	5119		0.37
0.31	4474		
0.36	3905		
0.40	3462		0.55
0.46	3022		

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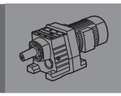
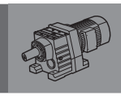


ER

输出转速 Output speed (r/min)	传动比 Ratio (i)	机型号 Type	电机功率 Power (kW)/4P
8000Nm			
0.29	4836		
0.35	3956		0.37
0.39	3608		
0.42	3298		
0.46	3007		0.55
0.55	2525		
0.63	2222		
0.73	1913		0.75
0.86	1623		
1.0	1366		1.1
1.1	1233		
1.2	1123		
1.4	1024		1.5
1.6	872		
2.1	687		
2.4	598		2.2
0.52	2675		
0.57	2435		0.55
0.67	2071	ER 137ER77	
0.76	1836	ERF137ER77	0.75
0.88	1597		
1.0	1397		1.1
1.1	1246		
1.3	1100		
1.5	952		1.5
1.7	824		
1.9	730		2.2
2.3	622		
2.5	561		
2.9	492		3
3.4	424		
3.7	385		4
4.4	324		
5.0	287		5.5
5.7	252		
2.5	570		
2.7	517		3
3.1	458		
3.8	380		
4.2	342		4
4.8	300		5.5
13000Nm			
0.06	23889		
0.06	21490		0.12
0.08	18227		
0.09	15989		
0.10	13838		0.18
0.11	12244		
0.12	11153		
0.14	9795		0.25
0.17	8312		
0.19	7320	ER 147ER77	0.37
0.21	6556	ERF147ER77	
0.25	5546		
0.28	4907		0.55
0.33	4270		
0.37	3749		
0.42	3338		0.75
0.48	2901		1.1
0.56	2506		
0.63	2222		1.1
0.72	1957		

输出转速 Output speed (r/min)	传动比 Ratio (i)	机型号 Type	电机功率 Power (kW)/4P
13000Nm			
0.81	1727		
0.91	1531		1.5
1.1	1318		
1.2	1156		2.2
1.4	1020		
1.6	882	ER 147ER77	
1.8	788	ERF147ER77	3
2.1	698		
2.3	622		4
2.6	551		
3.0	486		5.5
2.7	528		
3.2	456		5.5
3.4	428		
4.0	365	ER 147ER87	
4.4	332	ERF147ER87	7.5
5.2	281		
5.7	254		11
6.7	219		
18000Nm			
0.05	27096		
0.06	22369		
0.07	19741		
0.08	17489		
0.09	15607		0.55
0.10	13954		
0.12	11643		
0.13	10359		
0.15	9520		
0.18	7647		0.75
0.20	6995		
0.23	6064		0.55
0.26	5395		
0.30	4644		0.75
0.33	4158		
0.37	3741		
0.45	3092		1.1
0.53	2652	ER 167ER97	
0.61	2300	ERF167ER97	1.5
0.68	2055		
0.76	1870		
0.85	1676		2.2
0.99	1434		
1.1	1285		
1.3	1131		3
1.4	998		
1.7	863		4
1.9	757		
2.2	663		5.5
2.5	579		
3.0	493		
3.4	431		7.5
3.9	375		
4.4	335		
4.7	308		11
5.2	279		
4.9	295		11
5.4	270		
6.4	229	ER 167ER107	15
7.3	199	ERF167ER107	
5.0	291		11
5.5	264		
6.4	227		15
7.4	198		



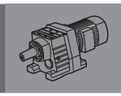
ER

ER系列轴输入型选型参数表（n=1400 r/min）

Model selection parameter form of shaft input type of ER series (n=1400 r/min)

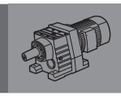
传动比 Ratio (i)	输出转速 Output speed (r/min)	许用扭矩 Permissible torque (Nm)	额定功率 Nominal Power Ratings (kW)	机型号 Type	
5.50	255	37	1.0		
5.07	276	34	1.0		
4.35	322	61	2.1		
3.79	369	58	2.3		
3.55	394	55	2.3		AD2
3.14	446	65	3.1		
2.91	481	49	2.5	ERX 57	
2.64	530	69	3.9	ERXF57	
2.37	591	69	4.4		
2.04	686	69	5.1		
1.92	729	69	5.4		AD3
1.65	847	69	6.2		
1.48	948	68	6.9		
1.26	1110	63	7.5		
6.07	231	41	1.0		
5.18	270	75	2.2		
4.53	309	71	2.3		AD2
4.25	329	69	2.4		
3.77	371	87	3.4		
3.20	438	100	4.7		
2.89	485	105	5.4	ERX 67	
2.54	551	118	6.9	ERXF67	
2.40	583	123	7.7		AD3
2.04	685	114	8.3		
1.86	754	108	8.7		
1.61	870	99	9.2		
1.40	1000	90	9.6		
8.00	175	54	1.0		
7.40	189	50	1.0		
6.41	218	101	2.4		AD2
5.63	249	107	2.8		
5.30	264	101	2.9		
4.73	296	123	3.9		
4.04	347	143	5.3		AD3
3.67	382	143	5.8		
3.25	431	182	8.4	ERX 77	
3.08	455	193	9.4	ERXF77	
2.70	519	215	11.9		
2.43	576	215	13.2		AD4
2.13	657	200	14.0		
1.88	745	187	14.9		
1.67	840	173	15.5		
1.42	984	155	16.3		
8.65	162	139	2.4		
7.63	183	145	2.8		AD2
7.20	194	136	2.8		
6.45	217	192	4.4		
5.56	252	225	6.1		AD3
5.07	276	215	6.3		
4.50	311	290	9.6	ERX 87	
3.78	370	305	12.1	ERXF87	AD4
3.48	403	405	17.4		
3.09	454	405	20		
2.76	507	405	22		
2.48	564	405	24		
2.15	650	385	27		AD5
1.93	726	355	28		
1.60	875	315	29		
1.39	1006	290	31		
8.23	170	225	4.1		
7.16	196	260	5.4		AD3
6.56	214	300	6.8		
5.79	242	420	10.8	ERX 97	
4.91	285	395	12.0	ERXF97	AD4

传动比 Ratio (i)	输出转速 Output speed (r/min)	许用扭矩 Permissible torque (Nm)	额定功率 Nominal Power Ratings (kW)	机型号 Type	
4.52	309	595	20		
4.04	346	595	22		
3.64	385	595	24		AD5
3.30	425	595	27		
2.92	479	595	30	ERX 97	
2.64	530	595	34	ERXF97	
2.24	625	595	40		AD6
1.96	716	570	44		
1.64	856	505	46		
1.42	988	455	48		
6.63	211	460	10.4		
5.61	250	455	12.1		AD4
5.19	270	695	20		
4.65	301	695	22		
4.20	333	830	30		AD5
3.81	367	830	33		
3.38	414	830	37	ERX 107	
3.07	456	830	40	ERXF107	
2.64	530	830	47		
2.30	608	830	54		AD6
1.95	716	730	56		
1.71	820	640	56		
1.44	969	540	56		
138.79	10	130	0.15		
127.30	11	130	0.17		
108.38	13	130	0.20		
93.45	15	130	0.23		
87.10	16	130	0.24		
76.14	18	130	0.28		
71.37	20	130	0.30		
62.98	22	130	0.34		
57.40	24	130	0.37		AD1
49.49	28	130	0.43		
46.13	30	130	0.46		
40.33	35	130	0.53		
37.80	37	130	0.56		
33.36	42	130	0.63		
29.57	47	130	0.72		
25.14	56	130	0.84		
29.15	48	130	0.70	ER 27	
26.80	52	130	0.76	ERF27	
22.93	61	130	0.88		
19.88	70	130	1.0		
18.58	75	130	1.1		
16.06	87	130	1.3		
13.64	103	130	1.5		
12.18	115	129	1.7		
10.41	135	122	1.8		
9.75	143	122	2.0		AD2
8.16	172	116	2.2		
7.63	184	112	2.3		
6.59	212	106	2.5		
5.60	250	99	2.8		
5.00	280	95	3.0		
4.27	328	87	3.2		
4.00	350	85	3.3		
3.37	415	79	3.7		
134.82	10	200	0.24		
123.66	11	200	0.26		
105.28	13	200	0.31		
90.77	15	200	0.36		
84.61	17	200	0.39	ER 37	AD1
73.96	19	200	0.44	ERF37	
69.33	20	200	0.47		
61.18	23	200	0.53		
55.76	25	200	0.58		



传动比 Ratio (i)	输出转速 Output speed (r/min)	许用扭矩 Permissible torque (Nm)	额定功率 Nominal Power Ratings (kW)	机型号 Type	
48.08	29	200	0.68	ER 37 ERF37	AD2
44.81	31	200	0.73		
39.17	36	200	0.83		
36.72	38	200	0.89		
32.40	43	200	1.0		
28.73	49	200	1.1		
24.42	57	200	1.3		
28.32	49	189	1.0		AD2
26.03	54	173	1.0		
22.27	63	200	1.4		
19.31	73	200	1.6		
18.05	78	200	1.7		
15.60	90	200	2.0		
13.25	106	190	2.2		
11.83	118	183	2.4		
10.11	139	170	2.6		
9.47	148	167	2.8		
7.97	176	156	3.1		
6.67	210	144	3.4		
5.67	247	142	3.9		
5.06	277	135	4.2		
4.32	324	126	4.5		
4.05	346	121	4.7		
3.41	411	107	4.9		
172.76	8.1	300	0.28		AD2
159.15	8.8	300	0.31		
136.73	10	300	0.36		
119.03	12	300	0.41		
111.51	13	300	0.44		
98.52	14	300	0.50		
91.50	15	300	0.53		
82.93	17	300	0.59		
74.46	19	300	0.66		
66.95	21	300	0.73		
62.72	22	300	0.78		
55.41	25	300	0.88		
51.46	27	300	0.95		
46.64	30	300	1.0		
41.88	33	300	1.2		
36.07	39	300	1.4		
33.92	41	300	1.4		
29.19	48	300	1.7		
26.08	54	300	1.9		
22.28	63	300	2.2		
33.00	42	225	1.1	ER 47 ERF47	AD2
30.40	46	205	1.1		
26.12	54	300	1.8		
22.74	62	300	2.1		
21.30	66	300	2.2		
18.82	74	295	2.4		
17.48	80	290	2.6		
15.84	88	275	2.7		
14.22	98	265	2.9		
12.25	114	250	3.2		
11.52	122	245	3.3		
9.91	141	230	3.6		
8.86	158	220	3.9		
7.57	185	163	3.4		
6.96	201	159	3.6		
6.00	233	156	4.1		
5.64	248	155	4.3		
4.85	288	150	4.8		
4.34	323	146	5.3		
3.70	378	144	6.1		AD3
3.06	458	144	7.4		

传动比 Ratio (i)	输出转速 Output speed (r/min)	许用扭矩 Permissible torque (Nm)	额定功率 Nominal Power Ratings (kW)	机型号 Type	
169.54	8.3	450	0.43	ER 57 ERF57	AD2
156.18	9.0	450	0.47		
134.18	10	450	0.55		
116.81	12	450	0.63		
109.43	13	450	0.67		
96.68	14	450	0.76		
89.80	16	450	0.82		
81.38	17	450	0.90		
73.07	19	450	1.0		
64.70	22	450	1.1		
60.61	23	450	1.2		
53.55	26	450	1.4		
49.74	28	450	1.5		
45.07	31	450	1.6		
40.47	35	450	1.8		
34.86	40	450	2.1		
32.78	43	450	2.2		
28.21	50	450	2.6		
25.20	56	450	2.9		
23.87	59	420	2.7		AD2
22.41	62	410	2.9		
19.89	70	450	3.5		
16.87	83	450	4.2		
15.23	92	450	4.6		
13.40	104	435	5.1		
12.65	111	430	5.3		AD3
10.77	130	405	5.9		
9.79	143	390	6.2		
8.84	158	335	5.9		
8.48	165	370	6.8		
7.77	180	355	7.1		
7.34	191	350	7.4		
6.25	224	335	8.4		
5.68	246	320	8.8		
4.92	285	305	9.7		
4.28	327	280	10.2		
190.00	7.4	600	0.51	ER 67 ERF67	AD2
175.03	8.0	600	0.56		
150.37	9.3	600	0.65		
130.91	11	600	0.75		
122.64	11	600	0.80		
108.35	13	600	0.90		
100.63	14	600	0.97		
91.20	15	600	1.1		
81.89	17	600	1.2		
70.53	20	600	1.4		
66.33	21	600	1.5		
60.01	23	600	1.6		
55.74	25	600	1.8		
50.51	28	600	1.9		
45.36	31	600	2.2		
39.07	36	580	2.4		
36.74	38	570	2.5		
31.61	44	540	2.8		
28.25	50	520	3.0		
26.75	52	410	2.4		AD2
25.11	56	400	2.5		
22.29	63	560	3.9		
18.91	74	600	4.9		AD3
17.07	82	590	5.4		
15.02	93	560	5.8		
14.18	99	550	6.0		



传动比 Ratio (i)	输出转速 Output speed (r/min)	许用扭矩 Permissible torque (Nm)	额定功率 Nominal Power Ratings (kW)	机型号 Type	
12.08	116	520	6.7	ER 67 ERF67	AD3
10.97	128	500	7.1		
9.51	147	470	7.7		
8.27	169	440	8.3		
7.79	180	380	7.6		
7.36	190	370	7.8		
6.27	223	330	8.2		
5.70	246	310	8.5		
4.93	284	290	9.2		
4.29	326	270	9.8		
225.68	6.2	820	0.59	ER 77 ERF77	AD2
192.56	7.3	820	0.69		
168.38	8.3	820	0.79		
158.10	8.9	820	0.84		
140.35	10.0	820	0.95		
119.04	12	820	1.1		
107.47	13	820	1.2		
94.55	15	820	1.4		
89.28	16	820	1.5		
76.02	18	820	1.8		
69.09	20	820	1.9		
63.74	22	820	2.1		
57.55	24	820	2.3		
50.63	28	820	2.6		
47.81	29	820	2.8		
40.71	34	820	3.3		
36.99	38	820	3.6		
32.05	44	820	4.2		
27.89	50	780	4.6		
24.24	58	820	5.3		AD3
22.00	64	820	5.8		
19.50	72	780	6.2		
18.48	76	780	6.6		
16.17	87	740	7.1		
14.57	96	720	7.7		AD4
12.78	110	690	8.4		
11.28	124	660	9.1		
10.00	140	630	9.8		
8.59	163	630	11.4		
7.74	181	610	12.3		
6.79	206	580	13.3		
5.99	234	540	14.1		
5.31	264	510	15.0		
4.54	309	510	17.5		
253.56	5.5	1550	1.00	ER 87 ERF87	AD2
222.70	6.3	1550	1.1		
209.59	6.7	1550	1.2		
186.94	7.5	1550	1.4		
159.76	8.8	1550	1.6		
145.00	9.7	1550	1.7		
128.52	11	1550	2.0		
121.80	11	1550	2.1		
106.60	13	1550	2.4		
96.04	15	1550	2.6		
84.25	17	1550	3.0		
74.86	19	1550	3.4		
66.35	21	1550	3.8		
62.88	22	1550	4.0		
55.04	25	1550	4.6		
49.58	28	1550	5.1		
43.50	32	1550	5.8		AD3
38.38	36	1550	6.6		
34.03	41	1550	7.4		
29.05	48	1500	8.4		
28.64	49	1550	8.4		AD4
24.07	58	1550	10.0		
22.12	63	1500	10.6		
19.64	71	1440	11.4		
17.56	80	1390	12.3		
15.79	89	1280	12.6		
13.71	102	1280	14.6		
12.27	114	1230	15.6		
10.18	138	1180	18.1		

传动比 Ratio (i)	输出转速 Output speed (r/min)	许用扭矩 Permissible torque (Nm)	额定功率 Nominal Power Ratings (kW)	机型号 Type	
9.01	155	1210	21	ER 87 ERF87	AD5
8.10	173	1160	22		
7.03	199	1070	24		
6.29	222	1020	25		
5.22	268	910	27		
4.54	308	910	31		
213.20	6.6	3000	2.3	ER 97 ERF97	AD3
183.65	7.6	3000	2.7		
167.60	8.4	3000	2.9		
148.64	9.4	3000	3.3		
124.94	11	3000	3.9		
114.82	12	3000	4.3		
101.96	14	3000	4.8		
91.16	15	3000	5.4		
81.96	17	3000	6.0		
71.14	20	3000	6.9		
65.07	22	3000	7.5		AD4
59.80	23	3000	8.2		
53.10	26	3000	9.2		
47.48	29	3000	10.3		
42.69	33	3000	11.4		
37.05	38	3000	13.2		
33.18	42	2890	14.2		
27.52	51	2670	15.8		
31.59	44	2560	12.6		AD4
26.80	52	2430	14.1		
24.68	57	2830	17.9		AD5
22.06	63	2720	19		
19.85	71	2610	21		
17.98	78	2500	22		
15.94	88	2400	23		
14.42	97	2300	25		
12.22	115	2190	28		
10.67	131	2090	31		
9.29	151	2030	34		AD6
8.39	167	2030	38		
7.12	197	2000	44		
6.21	225	1890	47		
5.20	269	1780	53		
4.50	311	1630	56		
250.65	5.6	4300	2.8	ER 107 ERF107	AD3
229.49	6.1	4300	3.1		
202.75	6.9	4300	3.5		
171.99	8.1	4300	4.1		
158.36	8.8	4300	4.4		
141.55	9.9	4300	4.9		
127.43	11	4300	5.5		
115.39	12	4300	6.1		
102.33	14	4300	6.8		
92.52	15	4300	7.6		
78.42	18	4300	8.9		
70.81	20	4300	9.9		AD4
63.75	22	4300	11.0		
57.73	24	4300	12.1		
51.19	27	4300	13.7		
46.29	30	4300	15.1		
39.23	36	4300	17.9		
34.27	41	4300	20		
28.66	49	4300	24		
30.71	46	4300	22		AD5
27.53	51	4300	24		
24.85	56	4300	27		
22.57	62	4300	30		

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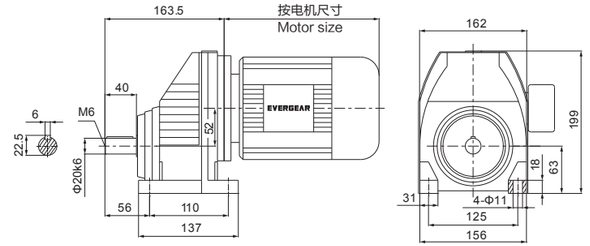
ER

传动比 Ratio (i)	输出转速 Output speed (r/min)	许用扭矩 Permissible torque (Nm)	额定功率 Nominal Power Ratings (kW)	机型号 Type	
20.03	70	4300	33	ER 107 ERF107	AD6
18.17	77	4300	37		
15.62	90	4300	43		
13.63	103	4300	49		
11.56	121	4300	58		
10.11	139	4300	58		
8.55	164	4300	58		
8.03	174	2970	56		
7.01	200	2970	55		
5.95	235	2970	56		
5.20	269	2970	60		
4.39	319	2900	71		
216.82	6.5	8000	6.0	ER 137 ERF137	AD4
183.56	7.6	8000	7.1		
169.87	8.2	8000	7.7		
152.25	9.2	8000	8.6		
137.45	10	8000	9.5		
124.85	11	8000	10.4		
110.77	13	8000	11.8		
100.52	14	8000	13.0		
86.40	16	8000	15.1		
79.72	18	8000	16.3		
72.41	19	8000	18.0		
64.25	22	8000	20		AD5
58.30	24	8000	22		
50.11	28	8000	26		
43.74	32	8000	30		
37.10	38	8000	35		
32.43	43	8000	40		
27.42	51	7680	46		AD6
28.80	49	7780	42		AD5
23.50	60	8000	53		AD7
21.43	65	8000	58		
18.55	75	8000	67		
16.36	86	8000	76		
14.13	99	8000	88		
12.50	112	8000	92		
10.51	133	8000	107		
8.48	165	7840	127		
7.28	192	5110	99		
6.12	229	5110	112		
4.94	283	4600	129		
170.22	8.2	13000	12.4	ER 147 ERF147	AD4
153.12	9.1	13000	13.8		
124.92	11	13000	17.0		
113.93	12	13000	18.6		
98.60	14	13000	21		
87.00	16	13000	24		
75.14	19	13000	28		AD5
69.82	20	13000	30		
63.68	22	13000	33		AD6
55.11	25	13000	38		
48.63	29	13000	44		
42.00	33	13000	50		
37.15	38	13000	57		AD7
31.22	45	13000	68		
25.21	56	11900	77		
21.30	66	11700	86		AD8
18.80	74	10300	85		
16.30	86	13000	124		
14.50	97	12300	132		
12.30	114	10600	134		
10.15	138	13000	133		
8.61	163	13000	133		
7.14	196	8670	141		
5.89	238	8670	138		
5.00	280	8670	138		

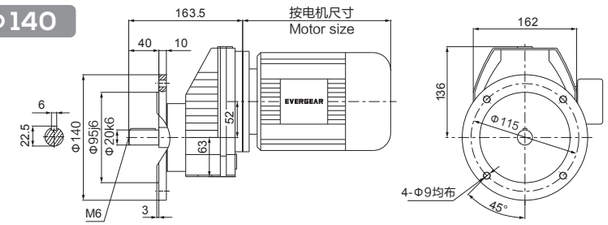
传动比 Ratio (i)	输出转速 Output speed (r/min)	许用扭矩 Permissible torque (Nm)	额定功率 Nominal Power Ratings (kW)	机型号 Type	
229.71	6.1	18000	12.8	ER 167 ERF167	AD5
186.93	7.5	18000	15.7		
153.07	9.1	18000	19		
139.98	10	18000	21		
121.81	11	18000	24		
107.49	13	18000	27		
93.19	15	18000	31		
82.91	17	18000	35		
72.24	19	18000	41		AD6
66.06	21	18000	44		AD7
57.48	24	18000	51		
50.73	28	18000	58		AD8
43.98	32	18000	67		
39.13	36	18000	75		
33.20	42	18000	88		
27.40	51	18000	107		
23.24	60	18000	126		
46.00	30	7000	24		AD5
37.74	37	9000	37		
30.71	46	10000	51		AD7
24.57	57	14000	89		AD8
21.85	64	13000	93		
19.03	74	16000	131		
16.98	82	15000	138		
14.48	97	18000	194		
11.99	117	17000	221		
10.24	137	17000	259		

ERX57

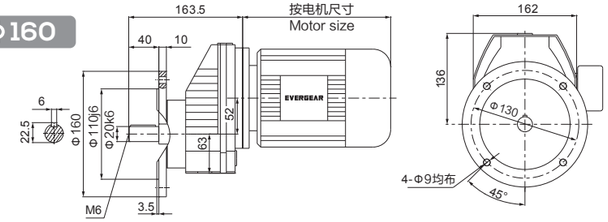


ERXF57

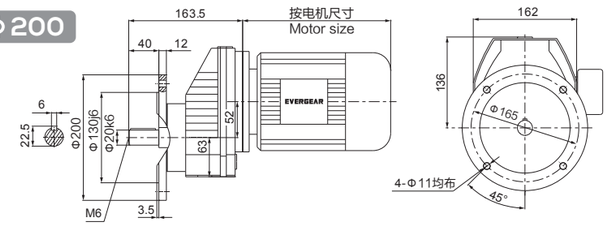
ϕ140



ϕ160

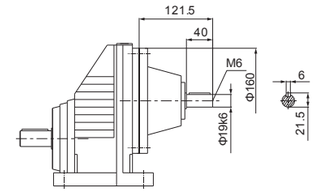


ϕ200

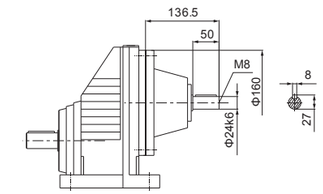


ERX..S57

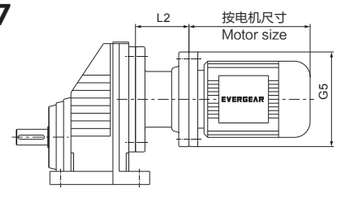
AD2



AD3



ERX..57



需方自配电机需加联接法兰

Customers provide the motor by themselves need connected flange

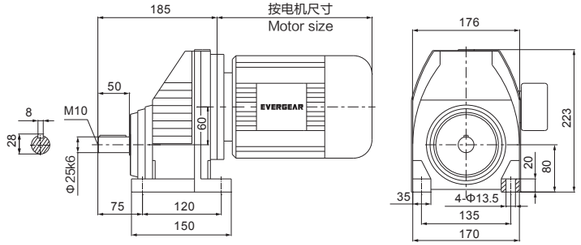
Y2电机座号 Motor size	63		71		80		90		100		112	132
功率/4P Power/(kw)	0.12	0.18	0.25	0.37	0.55	0.75	1.1	1.5	2.2	3	4	5.5
L2	68		68		81.5		81.5		88.5		88.5	124.5
G5	Φ140		Φ160		Φ200		Φ200		Φ250		Φ250	Φ300

注 Note

1. “ERX..57”表示ERX..57、ERXF..57。
2.需方自配电机G5≥Φ250时，是否影响正常安装。

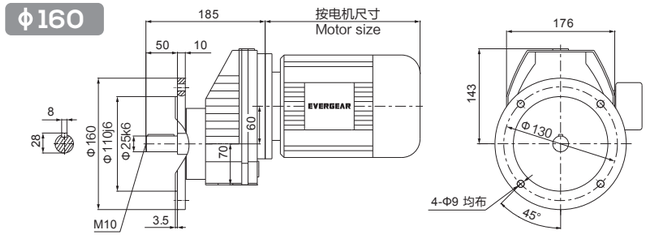
1. “ERX..57” Means ERX..57、ERXF..57。
2.If the motor provided by the purchaser isG5≥Φ250, please check if normal installation is influenced.

ERX67

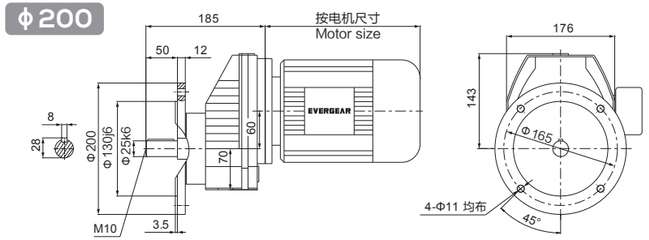


ERXF67

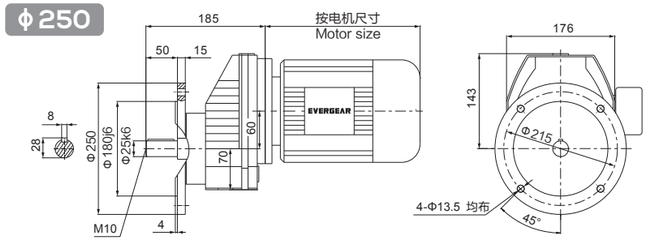
ϕ160



ϕ200

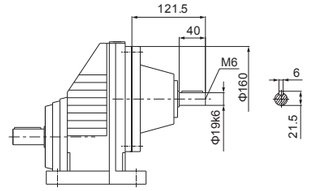


ϕ250

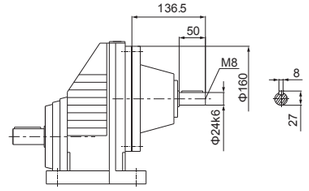


ERX..S67

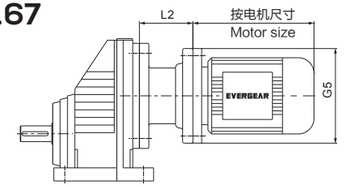
AD2



AD3



ERX..67



需方自配电机需加联接法兰
Customers provide the motor by themselves need connected flange

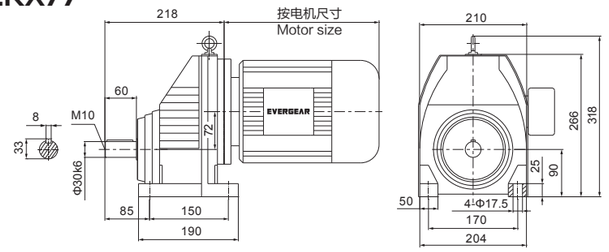
Y2电机机座号 Motor size	63		71		80		90		100		112	132	
功率/4P Power/(kw)	0.12	0.18	0.25	0.37	0.55	0.75	1.1	1.5	2.2	3	4	5.5	7.5
L2	68		68		81.5		81.5		88.5		88.5	124.5	
G5	Φ140		Φ160		Φ200		Φ200		Φ250		Φ250	Φ300	

注 Note

1. “ERX..67”表示ERX..67、ERXF..67。
2.需方自配电机G5≥Φ300时，是否影响正常安装。

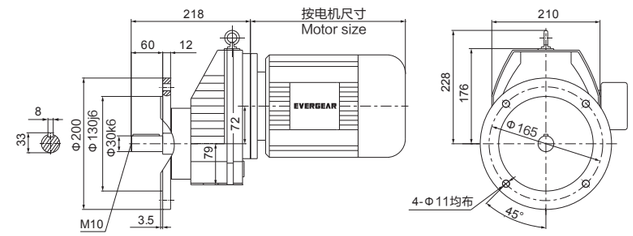
1. “ERX..67” Means ERX..67、ERXF..67。
2.If the motor provided by the purchaser isG5≥Φ300, please check if normal installation is influenced.

ERX77

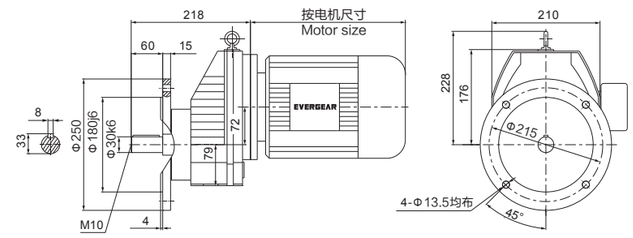


ERXF77

ϕ200

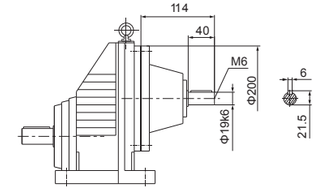


ϕ250

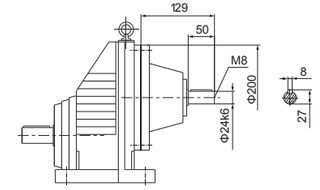


ERX..S77

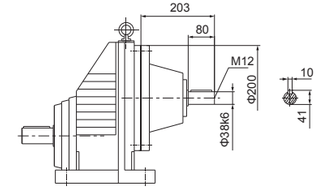
AD2



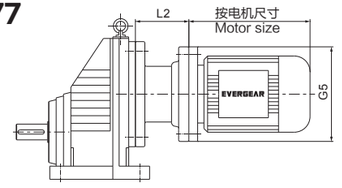
AD3



AD4



ERX..77



需方自配电机需加联接法兰
Customers provide the motor by themselves need connected flange

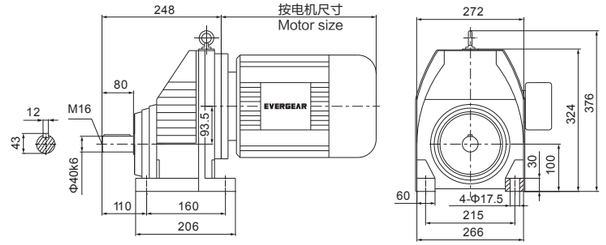
Y2电机机座号 Motor size	90		100		112	132		160
功率/4P Power/(kw)	1.1	1.5	2.2	3	4	5.5	7.5	11
L2	74		81		81	117		156
G5	Φ200		Φ250		Φ250	Φ300		Φ350

注 Note

1. “ERX..77”表示ERX..77、ERXF..77。
2.需方自配电机G5≥Φ350时，是否影响正常安装。

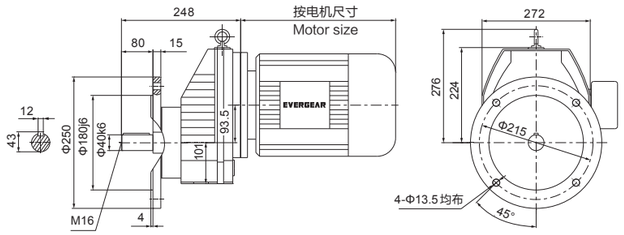
1. “ERX..77” Means ERX..77、ERXF..77。
2.If the motor provided by the purchaser isG5≥Φ350, please check if normal installation is influenced.

ERX87

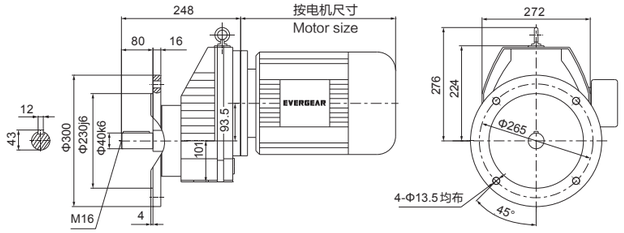


ERXF87

ϕ250

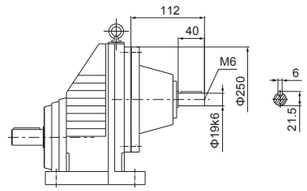


ϕ300

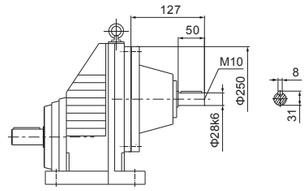


ERX..S87

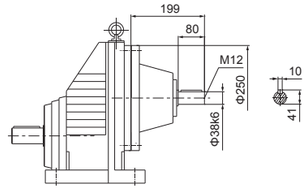
AD2



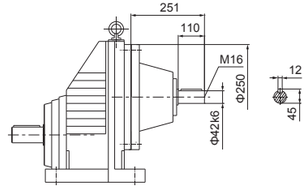
AD3



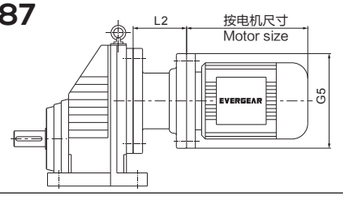
AD4



AD5



ERX..87

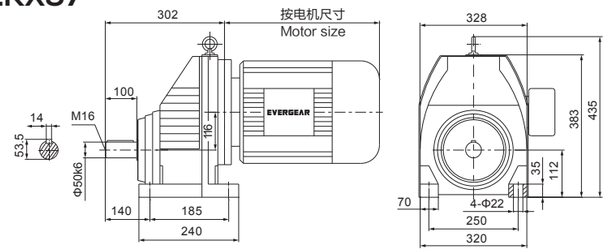


需方自配电机需加联接法兰
Customers provide the motor by themselves need connected flange

Y2电机机座号 Motor size	100	112	132		160		180	
功率/4P Power/(kw)	3	4	5.5	7.5	11	15	18.5	22
L2	79	79	113		152		152	
G5	Φ250	Φ250	Φ300		Φ350		Φ350	

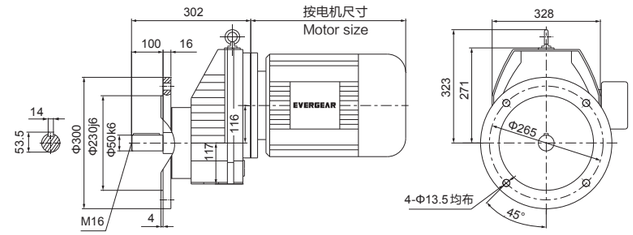
注 Note “ERX..87”表示ERX..87、ERXF..87。 “ERX..87” Means ERX..87、ERXF..87。

ERX97

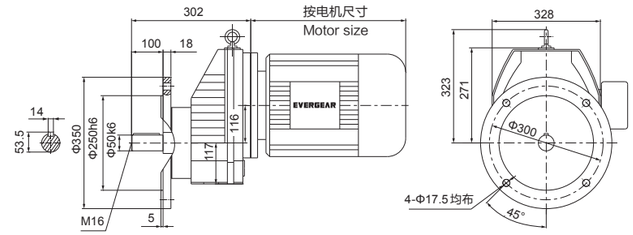


ERXF97

ϕ300

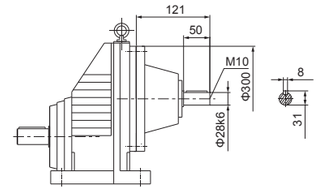


ϕ350

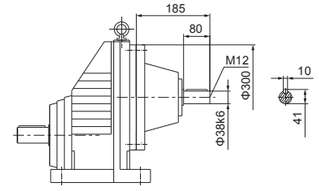


ERX..S97

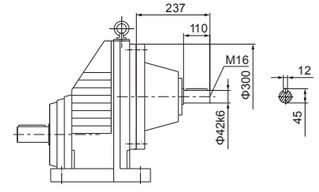
AD3



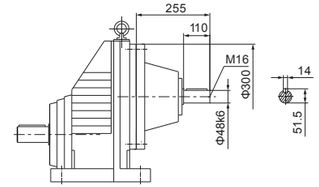
AD4



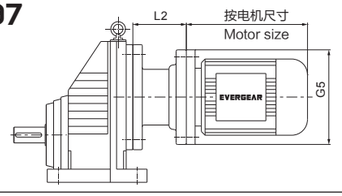
AD5



AD6



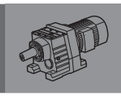
ERX..97



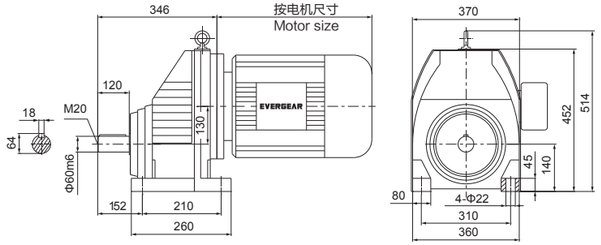
需方自配电机需加联接法兰
Customers provide the motor by themselves need connected flange

Y2电机机座号 Motor size	132		160		180		200
功率/4P Power/(kw)	5.5	7.5	11	15	18.5	22	30
L2	99		138		138		146
G5	Φ300		Φ350		Φ350		Φ400

注 Note “ERX..97”表示ERX..97、ERXF..97。 “ERX..97” Means ERX..97、ERXF..97。

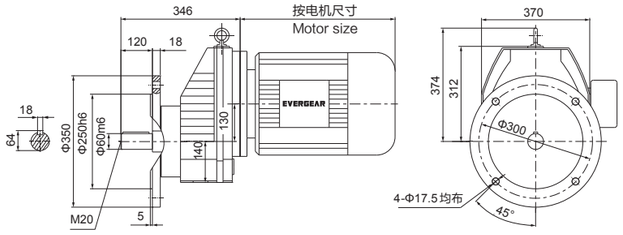


ERX107

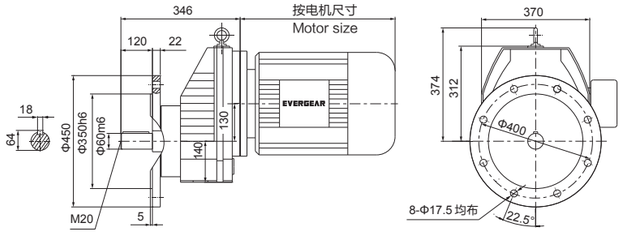


ERXF107

ϕ350

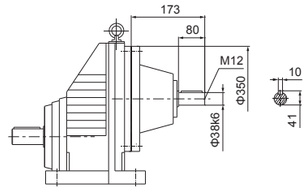


ϕ450

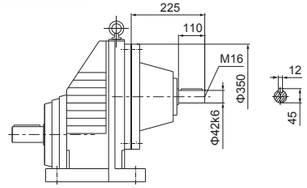


ERX..S107

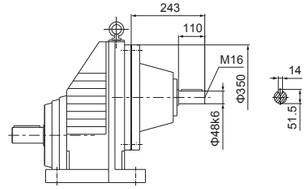
AD4



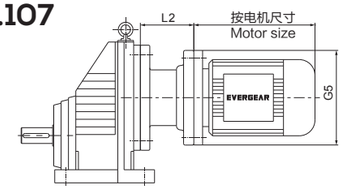
AD5



AD6



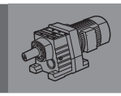
ERX..107



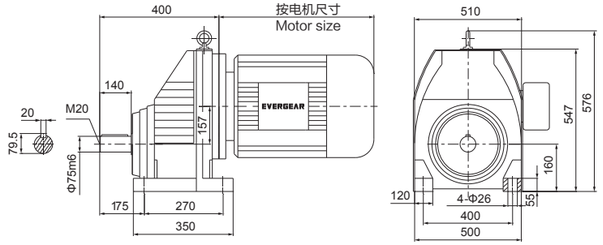
需方自配电机需加联接法兰
Customers provide the motor by themselves need connected flange

Y2电机机座号 Motor size	132		160		180		200	225	
功率4P Power(kw)	5.5	7.5	11	15	18.5	22	30	37	45
L2	87		126		126		134	177	
G5	Φ300		Φ350		Φ350		Φ400	Φ450	

注 Note “ERX..107”表示ERX..107、ERXF..107。 “ERX..107”Means ERX..107、ERXF..107。

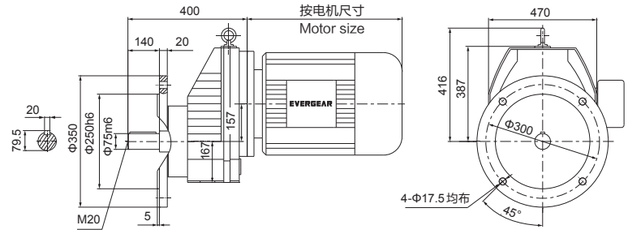


ERX127

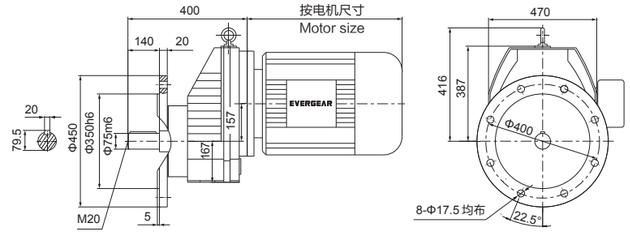


ERXF127

ϕ350

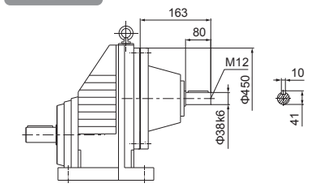


ϕ450

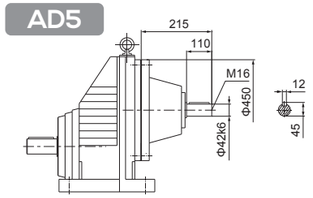


ERX..S127

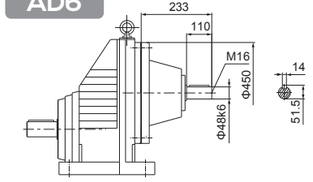
AD4



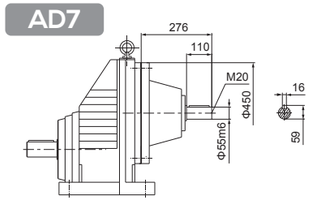
AD5



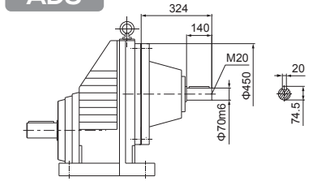
AD6



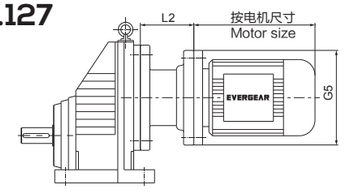
AD7



AD8



ERX..127

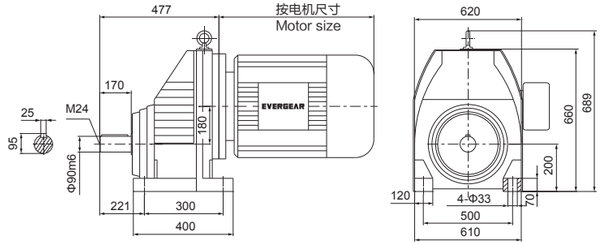


需方自配电机需加联接法兰
Customers provide the motor by themselves need connected flange

Y2电机机座号 Motor size	132		160		180		200	225		250	280	
功率4P Power(kw)	5.5	7.5	11	15	18.5	22	30	37	45	55	75	90
L2	77		111		111		122	160		176	176	
G5	Φ300		Φ350		Φ350		Φ400	Φ450		Φ550	Φ550	

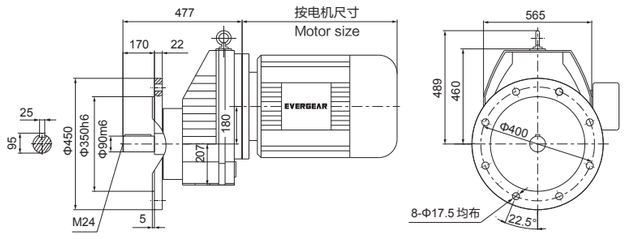
注 Note “ERX..127”表示ERX..127、ERXF..127。 “ERX..127”Means ERX..127、ERXF..127。

ERX157

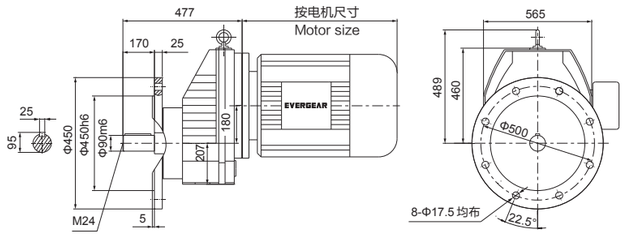


ERXF157

ϕ450

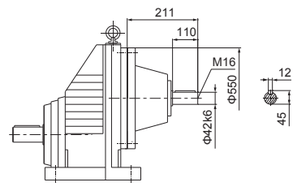


ϕ550

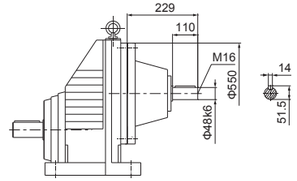


ERX..S157

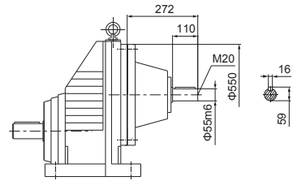
AD5



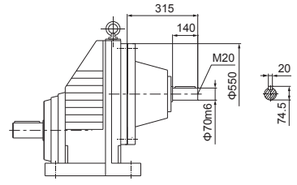
AD6



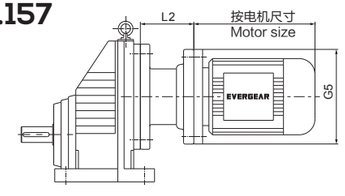
AD7



AD8



ERX..157

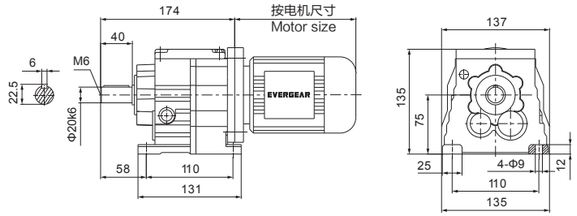


需方自配电机需加联接法兰
Customers provide the motor by themselves need connected flange

Y2电机机座号 Motor size	160		180		200	225		250	280		315	
功率4P Power(kw)	11	15	18.5	22	30	37	45	55	75	90	110	132
L2	107		107		118	156		167	167		171	
G5	Φ350		Φ350		Φ400	Φ450		Φ550	Φ550		Φ660	

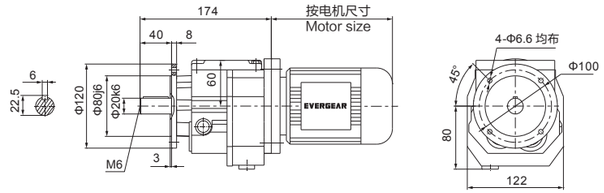
注 Note “ERX..157”表示ERX..157、ERXF..157。 “ERX..157”Means ERX..157、ERXF..157。

ER17

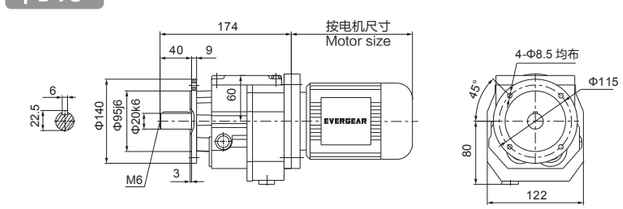


ERF17

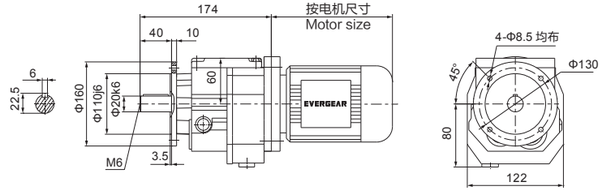
ϕ120



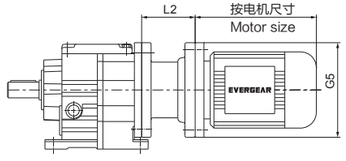
ϕ140



ϕ160



ER..17



需方自配电机需加联接法兰
Customers provide the motor by themselves need connected flange

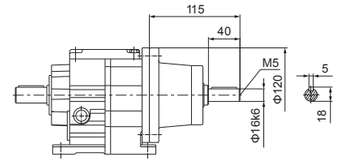
Y2电机机座号 Motor size	63		71		80	
功率4P Power(kw)	0.12	0.18	0.25	0.37	0.55	0.75
L2	75		75		88.5	
G5	Φ140		Φ160		Φ200	

注 Note 1.“ER..”表示ER..、ERF..
2.需方自配电机G5≥Φ160时，是否影响正常安装。

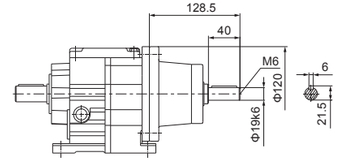
1.“ER..”Means ER..、ERF..。
2.If the motor provided by the purchaser isG5≥Φ160, please check if normal installation is influenced.

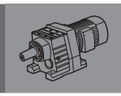
ER..S17

AD1

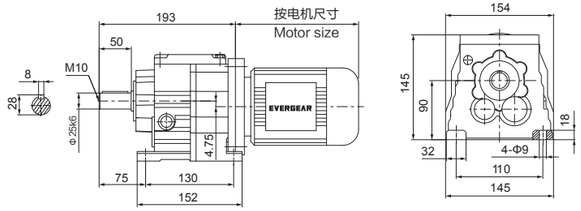


AD2



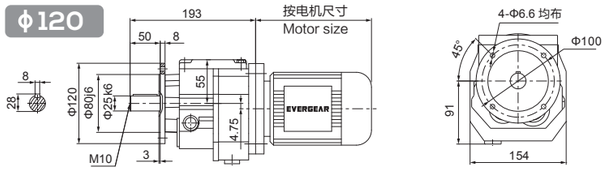


ER27

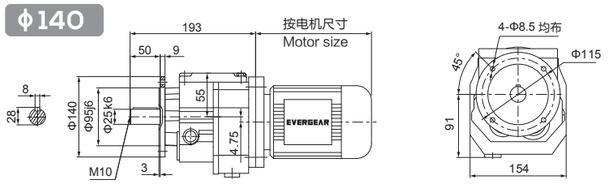


ERF27

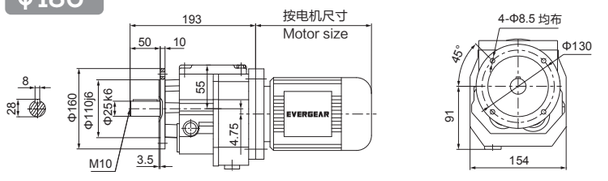
ϕ120



ϕ140

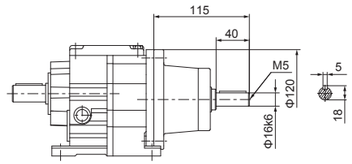


ϕ160

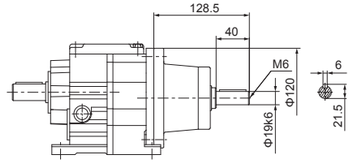


ER..S27

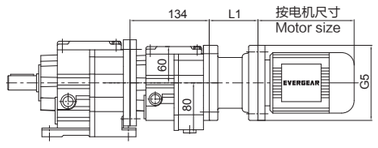
AD1



AD2

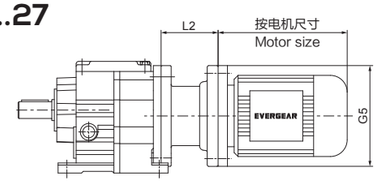


ER..27ER17



Y2电机机座号 Motor size	63	
功率/4P Power/(kw)	0.12	0.18
L1	75	
G5	Φ140	

ER..27



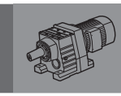
需方自配电机需加联接法兰
Customers provide the motor by themselves need connected flange

Y2电机机座号 Motor size	63		71		80		90		100	
功率/4P Power/(kw)	0.12	0.18	0.25	0.37	0.55	0.75	1.1	1.5	2.2	3
L2	75		75		88.5		88.5		95.5	
G5	Φ140		Φ160		Φ200		Φ200		Φ250	

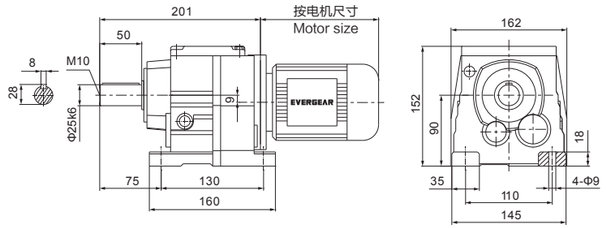
注 Note

1. “ER..”表示ER..、ERF..
2.需方自配电机G5≥Φ200时，是否影响正常安装。

1. “ER..” Means ER.., ERF..。
2.If the motor provided by the purchaser isG5≥Φ200, please check if normal installation is influenced.

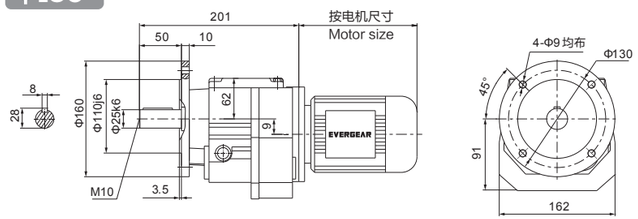


ER37

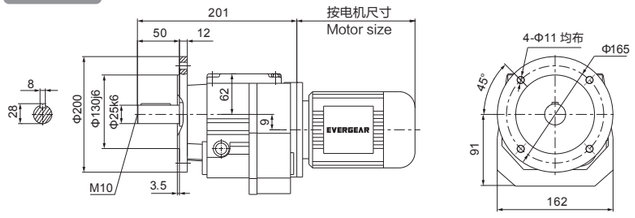


ERF37

ϕ160

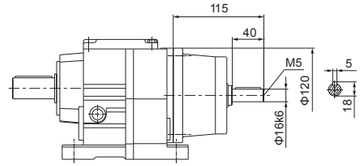


ϕ200

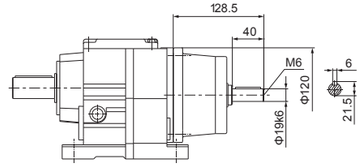


ER..S37

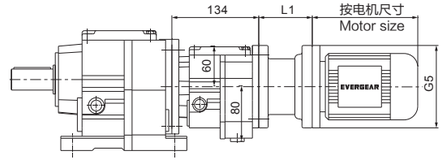
AD1



AD2

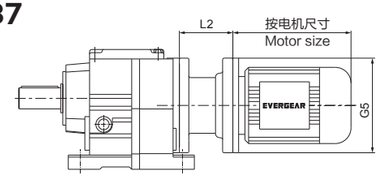


ER..37ER17



Y2电机机座号 Motor size	63		71
功率/4P Power/(kw)	0.12	0.18	0.25
L1	75		75
G5	Φ140		Φ160

ER..37



需方自配电机需加联接法兰
Customers provide the motor by themselves need connected flange

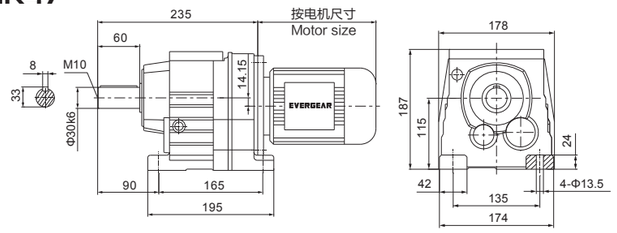
Y2电机机座号 Motor size	63		71		80		90		100	
功率/4P Power/(kw)	0.12	0.18	0.25	0.37	0.55	0.75	1.1	1.5	2.2	3
L2	75		75		88.5		88.5		95.5	
G5	Φ140		Φ160		Φ200		Φ200		Φ250	

注 Note

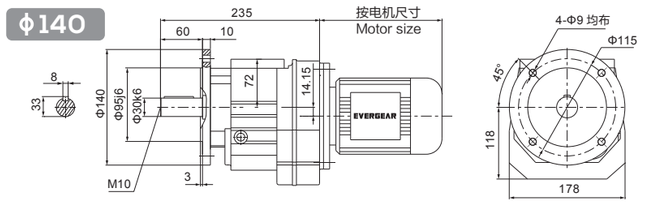
1. “ER..”表示ER..、ERF..
2.需方自配电机G5≥Φ200时，是否影响正常安装。

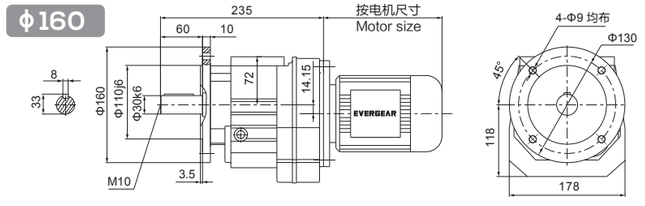
1. “ER..” Means ER.., ERF..。
2.If the motor provided by the purchaser isG5≥Φ200, please check if normal installation is influenced.

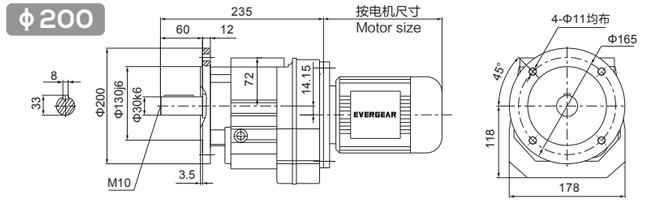
ER47



ERF47

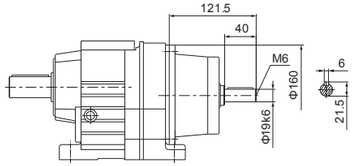




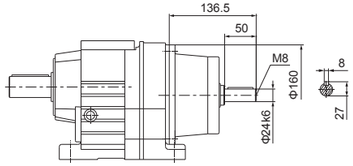


ER..S47

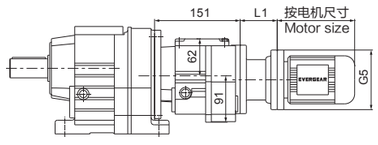
AD2



AD3

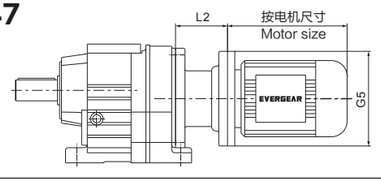


ER..47ER37



Y2电机机座号 Motor size	63	71
功率/4P Power/(kw)	0.12 0.18	0.25
L1	75	75
G5	Φ140	Φ160

ER..47



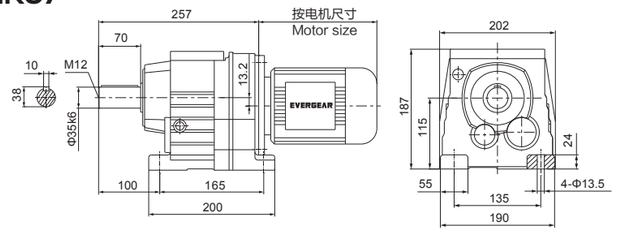
需方自配电机需加联接法兰
Customers provide the motor by themselves need connected flange

Y2电机机座号 Motor size	63	71	80	90	100	112	132
功率/4P Power/(kw)	0.12 0.18	0.25 0.37	0.55 0.75	1.1 1.5	2.2 3	4	5.5
L2	68	68	81.5	81.5	88.5	88.5	124.5
G5	Φ140	Φ160	Φ200	Φ200	Φ250	Φ250	Φ300

注 Note
1. “ER..”表示ER..、ERF..
2.需方自配电机G5≥Φ250时，是否影响正常安装。

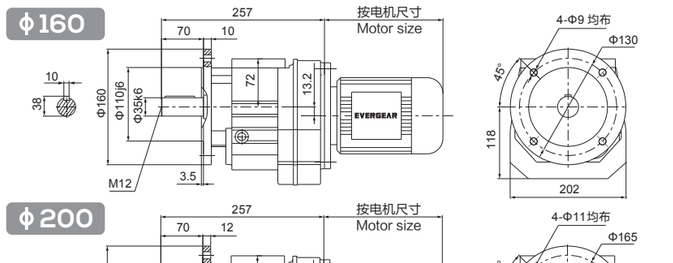
1. “ER..” Means ER..、ERF..。
2.If the motor provided by the purchaser isG5≥Φ250, please check if normal installation is influenced.

ER57

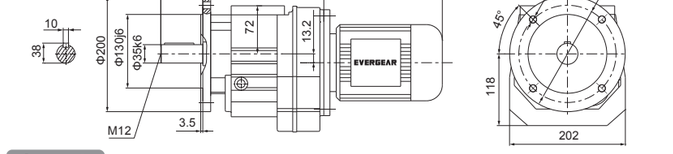


ERF57

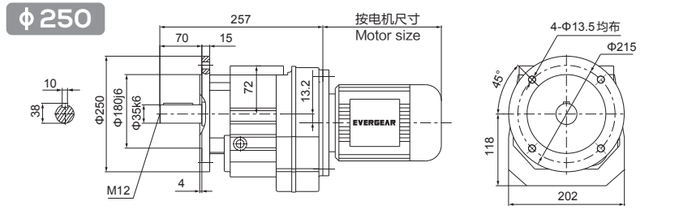
ϕ160



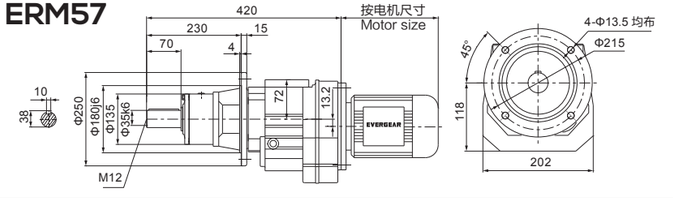
ϕ200



ϕ250

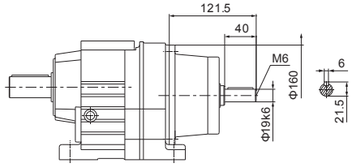


ERM57

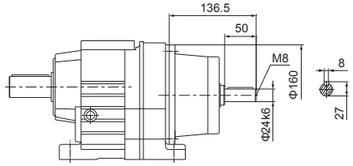


ER..S57

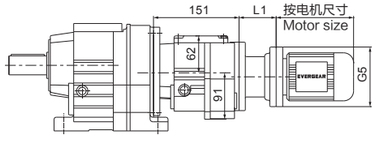
AD2



AD3

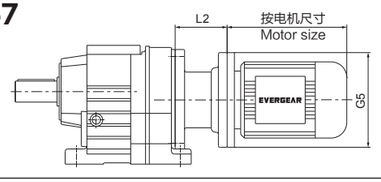


ER..57ER37



Y2电机机座号 Motor size	63	71
功率/4P Power/(kw)	0.12 0.18	0.25
L1	75	75
G5	Φ140	Φ160

ER..57



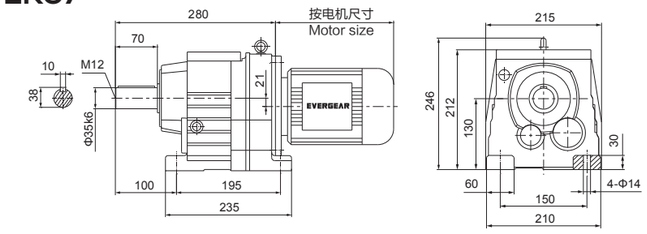
需方自配电机需加联接法兰
Customers provide the motor by themselves need connected flange

Y2电机机座号 Motor size	63	71	80	90	100	112	132
功率/4P Power/(kw)	0.12 0.18	0.25 0.37	0.55 0.75	1.1 1.5	2.2 3	4	5.5 7.5
L2	68	68	81.5	81.5	88.5	88.5	124.5
G5	Φ140	Φ160	Φ200	Φ200	Φ250	Φ250	Φ300

注 Note
1. “ER..”表示ER..、ERF..
2.需方自配电机G5≥Φ250时，是否影响正常安装。

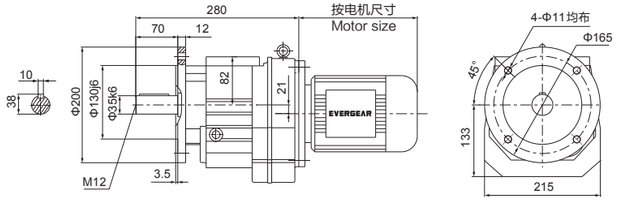
1. “ER..” Means ER..、ERF..。
2.If the motor provided by the purchaser isG5≥Φ250, please check if normal installation is influenced.

ER67

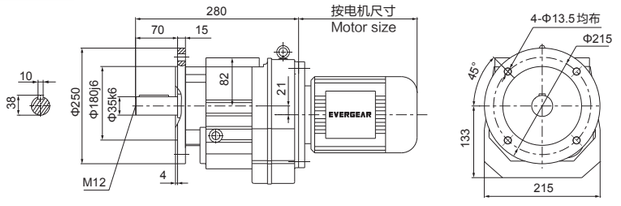


ERF67

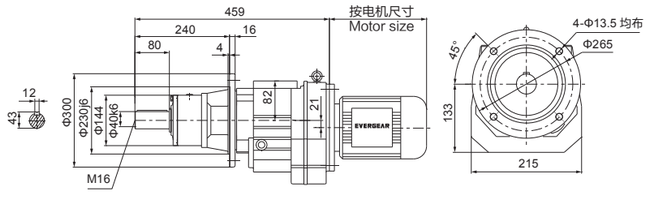
ϕ200



ϕ250

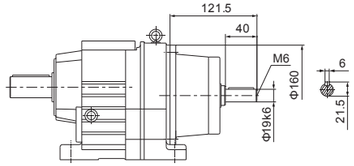


ERM67

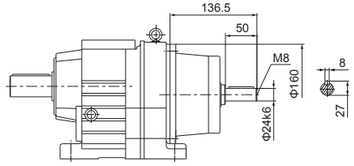


ER..S67

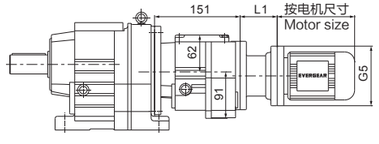
AD2



AD3

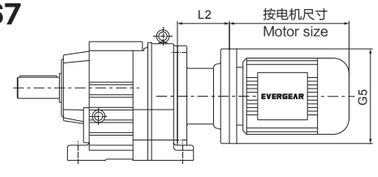


ER..67ER37



Y2电机机座号 Motor size	63		71	
功率/4P Power/(kw)	0.12	0.18	0.25	0.37
L1	75		75	
G5	Φ140		Φ160	

ER..67



需方自配电机需加联接法兰

Customers provide the motor by themselves need connected flange

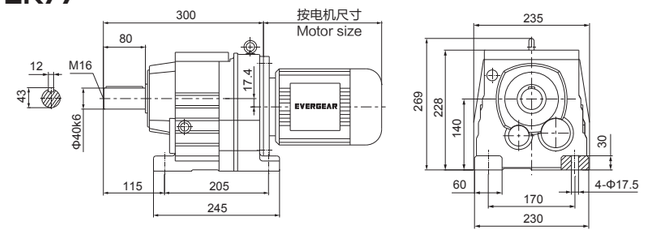
Y2电机机座号 Motor size	63		71		80		90		100		112	132		
功率/4P Power/(kw)	0.12	0.18	0.25	0.37	0.55	0.75	1.1	1.5	2.2	3	4	5.5	7.5	
L2	68		68		81.5		81.5		88.5		88.5	124.5		
G5	Φ140		Φ160		Φ200		Φ200		Φ250		Φ250	Φ300		

注 Note

1. “ER..”表示ER..、ERF..
2.需方自配电机G5≥Φ250时，是否影响正常安装。

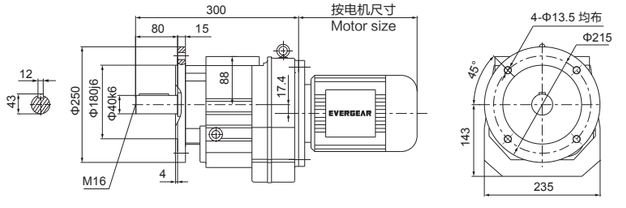
1. “ER..” Means ER..、ERF..
2.If the motor provided by the purchaser isG5≥Φ250, please check if normal installation is influenced.

ER77

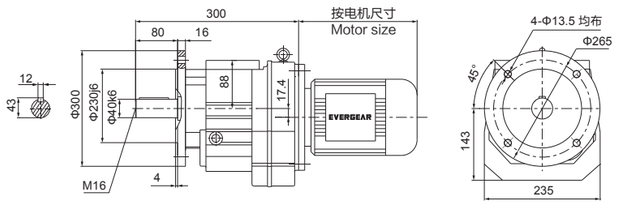


ERF77

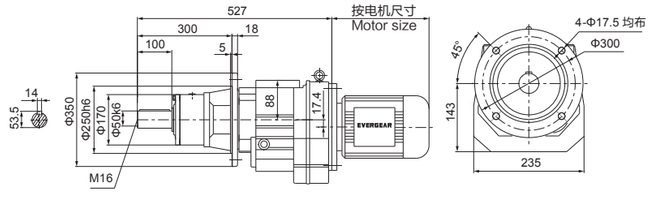
ϕ250



ϕ300

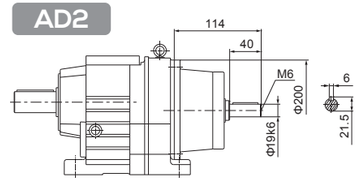


ERM77

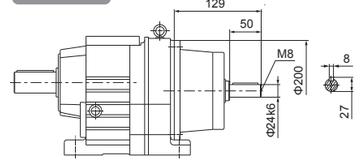


ER..S77

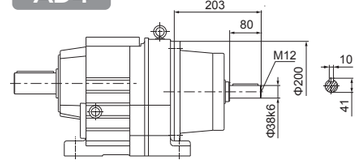
AD2



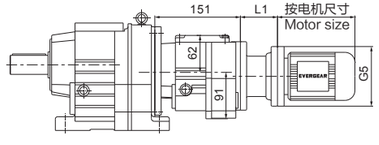
AD3



AD4

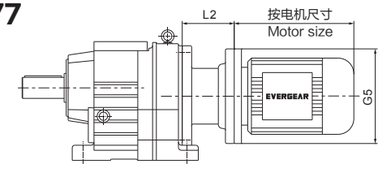


ER..77ER37



Y2电机机座号 Motor size	63		71		80
功率/4P Power/(kw)	0.12	0.18	0.25	0.37	0.55
L1	75		75		88.5
G5	Φ140		Φ160		Φ200

ER..77



需方自配电机需加联接法兰

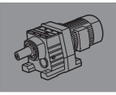
Customers provide the motor by themselves need connected flange

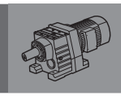
Y2电机机座号 Motor size	63		71		80		90		100		112	132		160
功率/4P Power/(kw)	0.18		0.25	0.37	0.55	0.75	1.1	1.5	2.2	3	4	5.5	7.5	11
L2	60.5		60.5		74		74		81		81	117		156
G5	Φ140		Φ160		Φ200		Φ200		Φ250		Φ250	Φ300		Φ350

注 Note

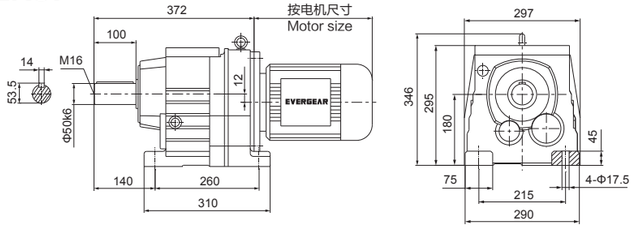
1. “ER..”表示ER..、ERF..
2.需方自配电机G5≥Φ250时，是否影响正常安装。

1. “ER..” Means ER..、ERF..
2.If the motor provided by the purchaser isG5≥Φ250, please check if normal installation is influenced.



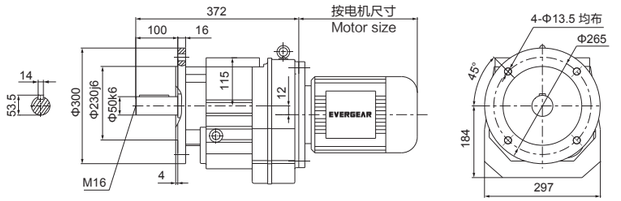


ER87

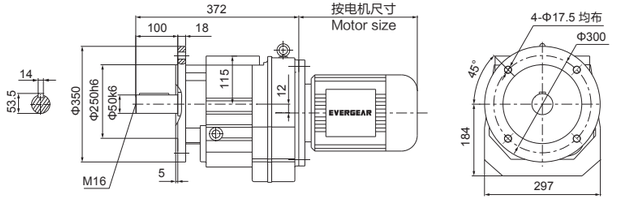


ERF87

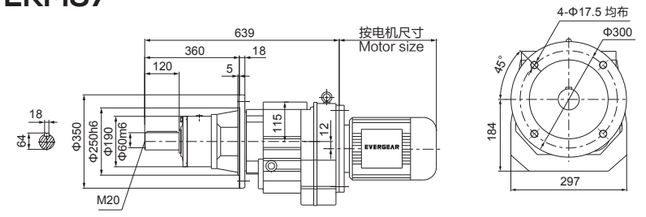
ϕ300



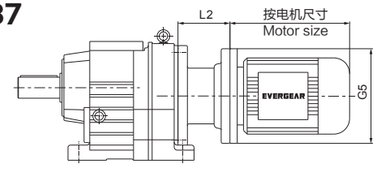
ϕ350



ERM87



ER..87



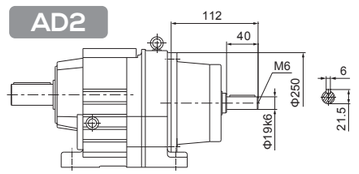
需方自配电机需加联接法兰
Customers provide the motor by themselves need connected flange

Y2电机机座号 Motor size	80		90		100		112	132		160		180	
功率/4P Power/(kw)	0.55	0.75	1.1	1.5	2.2	3	4	5.5	7.5	11	15	18.5	22
L2	72		72		79		79	113		152		152	
G5	Φ200		Φ200		Φ250		Φ250	Φ300		Φ350		Φ350	

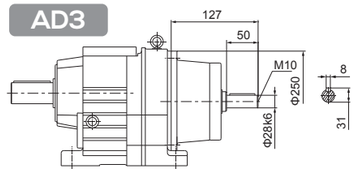
注 Note
1. “ER..”表示ER..、ERF..
2.需方自配电机G5≥Φ350时，是否影响正常安装。

ER..S87

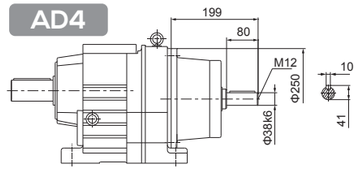
AD2



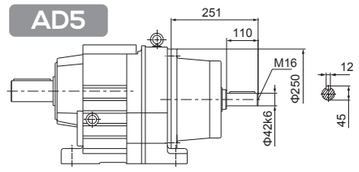
AD3



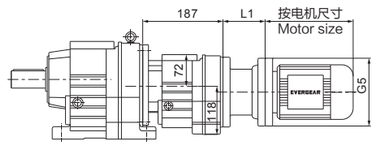
AD4



AD5

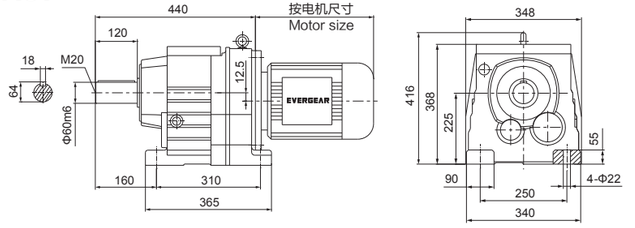


ER..87ER57



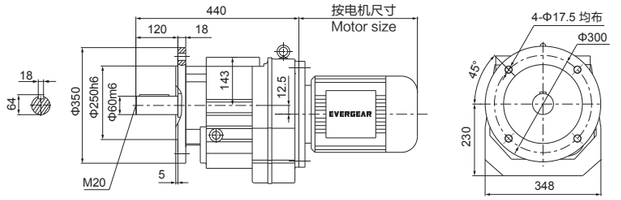
Y2电机机座号 Motor size	63		71		80		90	
功率/4P Power/(kw)	0.12	0.18	0.25	0.37	0.55	0.75	1.1	
L1	68		68		81.5		81.5	
G5	Φ140		Φ160		Φ200		Φ200	

ER97

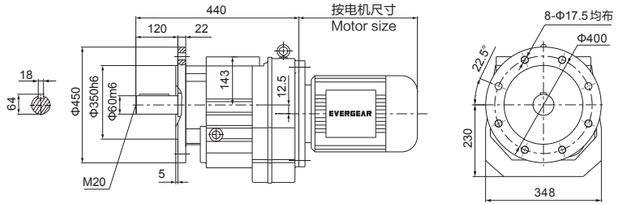


ERF97

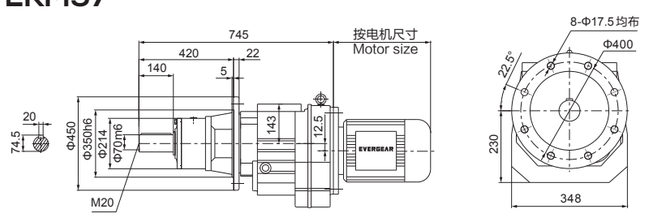
ϕ350



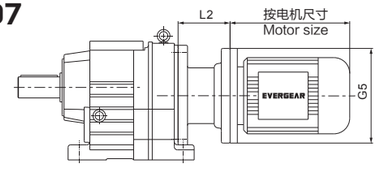
ϕ450



ERM97



ER..97



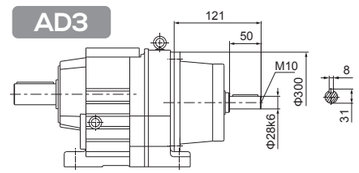
需方自配电机需加联接法兰
Customers provide the motor by themselves need connected flange

Y2电机机座号 Motor size	80		90		100		112	132		160		180		200
功率/4P Power/(kw)	0.55	0.75	1.1	1.5	2.2	3	4	5.5	7.5	11	15	18.5	22	30
L2	66		66		73		73	99		138		138		146
G5	Φ200		Φ200		Φ250		Φ250	Φ300		Φ350		Φ350		Φ400

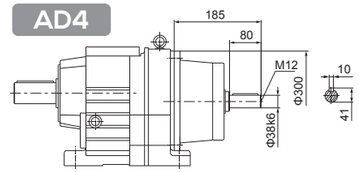
注 Note
“ER..”表示ER..、ERF..

ER..S97

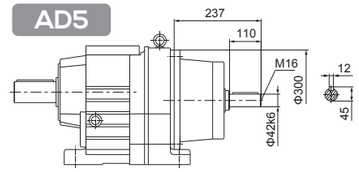
AD3



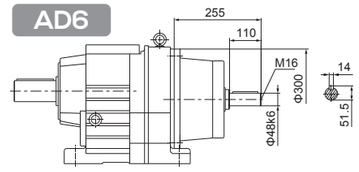
AD4



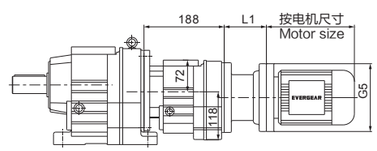
AD5



AD6



ER..97ER57

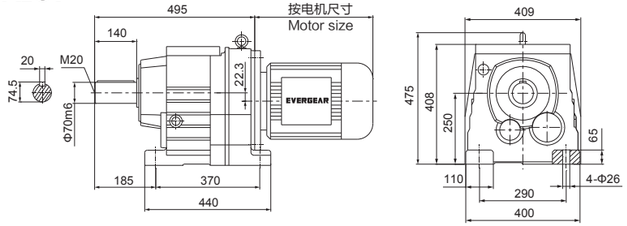


Y2电机机座号 Motor size	63		71		80		90		100
功率/4P Power/(kw)	0.12	0.18	0.25	0.37	0.55	0.75	1.1	1.5	2.2
L1	68		68		81.5		81.5		88.5
G5	Φ140		Φ160		Φ200		Φ200		Φ250

1. “ER..”Means ER..、ERF..
2.If the motor provided by the purchaser isG5≥Φ350, please check if normal installation is influenced.

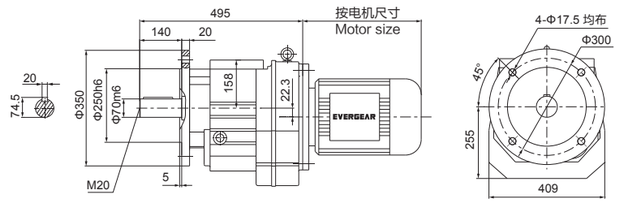
“ER..”Means ER..、ERF..

ER107

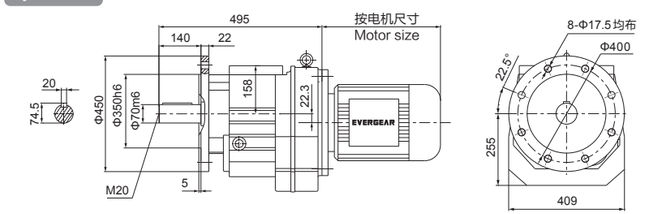


ERF107

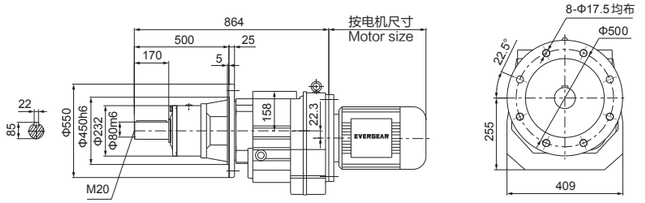
ϕ350



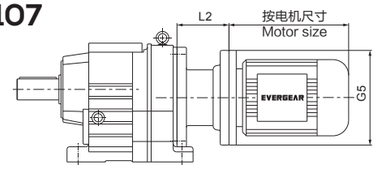
ϕ450



ERM107



ER..107

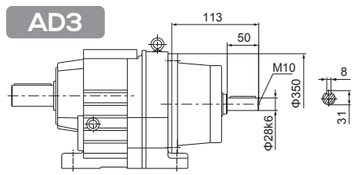


需方自配电机需加联接法兰
Customers provide the motor by themselves need connected flange

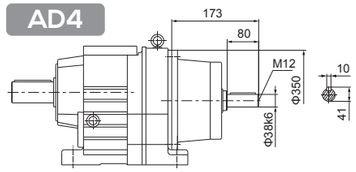
Y2电机机座号 Motor size	100	112	132	160	180	200	225
功率/4P Power/(kw)	2.2 3	4	5.5 7.5	11 15	18.5 22	30	37 45
L2	65	65	87	126	126	134	177
G5	Φ250	Φ250	Φ300	Φ350	Φ350	Φ400	Φ450

ER..S107

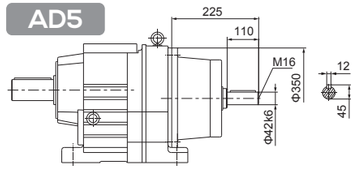
AD3



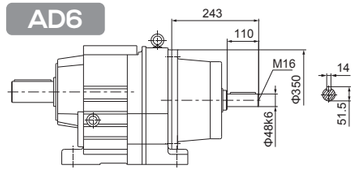
AD4



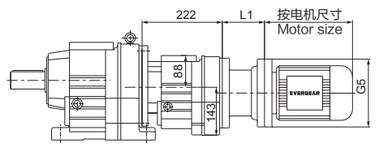
AD5



AD6



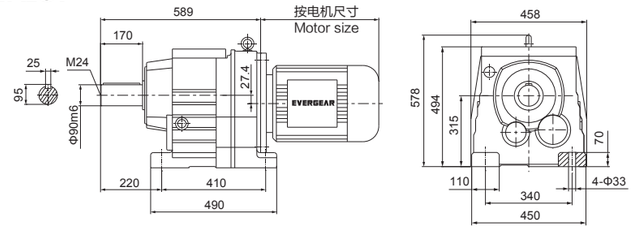
ER..107R77



Y2电机机座号 Motor size	63	71	80	90	100	112
功率/4P Power/(kw)	0.12 0.18 0.25	0.37 0.55 0.75	1.1	1.5	2.2 3	4
L1	60.5	60.5	74	74	81	81
G5	Φ140	Φ160	Φ200	Φ200	Φ250	Φ250

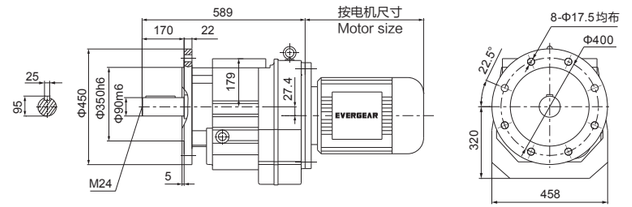
注 Note “ER..”表示ER..、ERF..　“ER..” Means ER..、ERF..

ER137

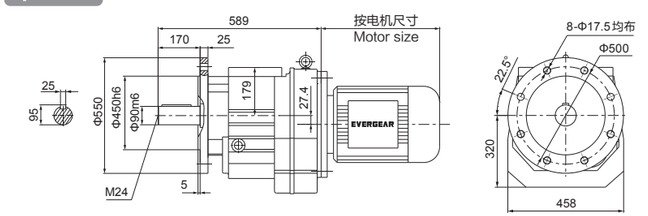


ERF137

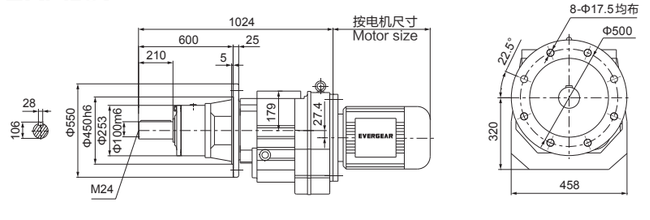
ϕ450



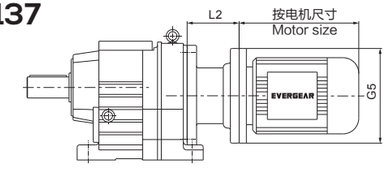
ϕ550



ERM137



ER..137

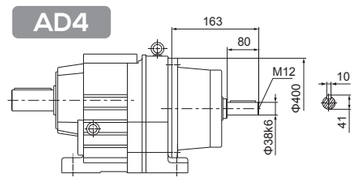


需方自配电机需加联接法兰
Customers provide the motor by themselves need connected flange

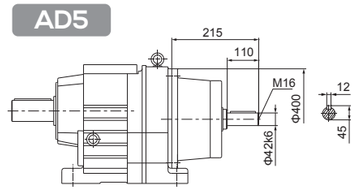
Y2电机机座号 Motor size	132	160	180	200	225	250
功率/4P Power/(kw)	5.5 7.5	11 15	18.5 22	30	37 45	55
L2	77	116	116	124	167	194
G5	Φ300	Φ350	Φ350	Φ400	Φ450	Φ550

ER..S137

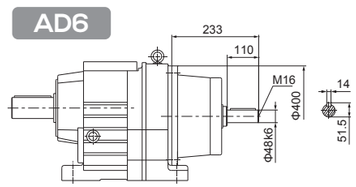
AD4



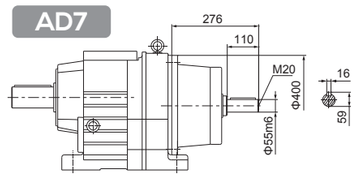
AD5



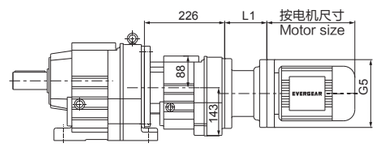
AD6



AD7



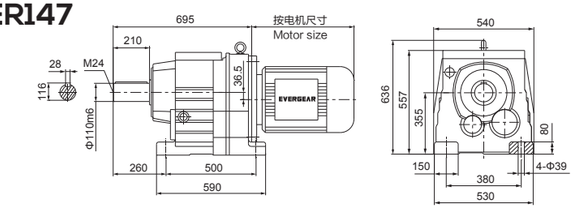
ER..137ER77



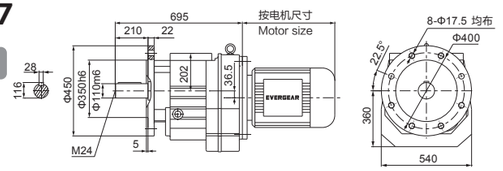
Y2电机机座号 Motor size	63	71	80	90	100	112
功率/4P Power/(kw)	0.12 0.18 0.25	0.37 0.55 0.75	1.1	1.5	2.2 3	4
L1	60.5	60.5	74	74	81	81
G5	Φ140	Φ160	Φ200	Φ200	Φ250	Φ250

注 Note “ER..”表示ER..、ERF..　“ER..” Means ER..、ERF..

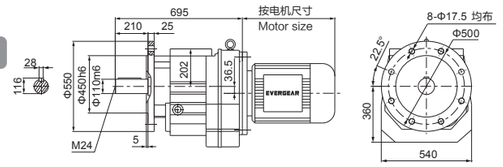
ER147



ERF147

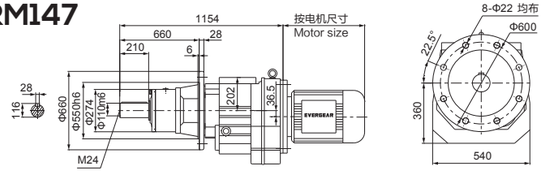


ϕ450



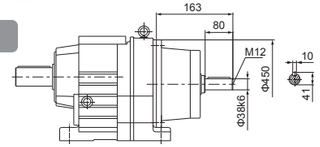
ϕ550

ERM147

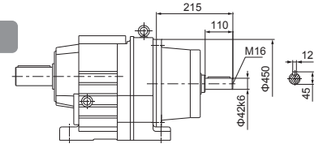


ER..S147

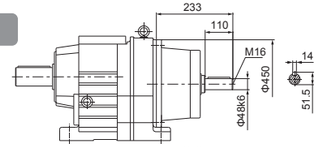
AD4



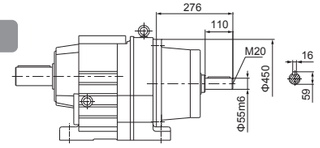
AD5



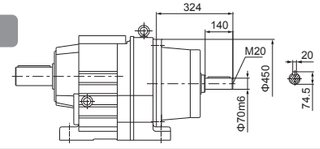
AD6



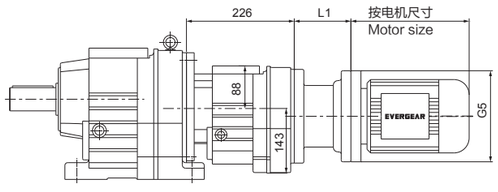
AD7



AD8

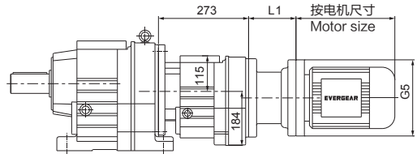


ER..147ER77



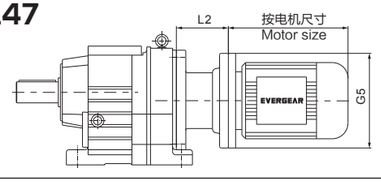
Y2电机机座号 Motor size	63	71	80	90	100	112
功率/4P Power/(kw)	0.12 0.18	0.25 0.37	0.55 0.75	1.1 1.5	2.2 3	4
L1	60.5	60.5	74	74	81	81
G5	Φ140	Φ160	Φ200	Φ200	Φ250	Φ250

ER..147ER87



Y2电机机座号 Motor size	90	100	112	132	160
功率/4P Power/(kw)	1.5	2.2 3	4	5.5 7.5	11
L1	72	79	79	113	152
G5	Φ200	Φ250	Φ250	Φ300	Φ350

ER..147

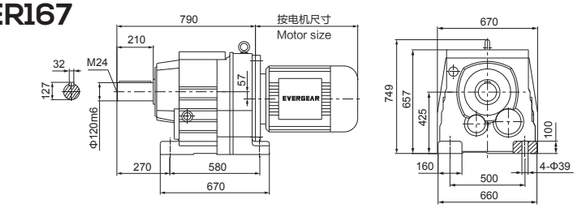


需方自配电机需加联接法兰
Customers provide the motor by themselves need connected flange

Y2电机机座号 Motor size	132	160	180	200	225	250	280
功率/4P Power/(kw)	7.5	11 15	18.5 22	30	37 45	55	75 90
L2	77	116	116	124	167	192	192
G5	Φ300	Φ350	Φ350	Φ400	Φ450	Φ550	Φ550

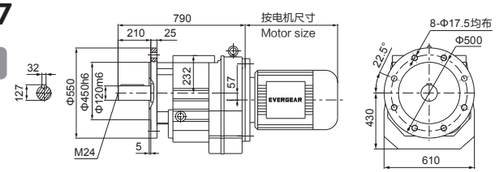
注 Note “ER..”表示ER..、ERF.. “ER..” Means ER..、ERF..

ER167

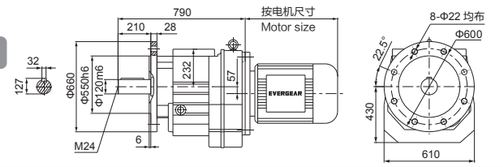


ERF167

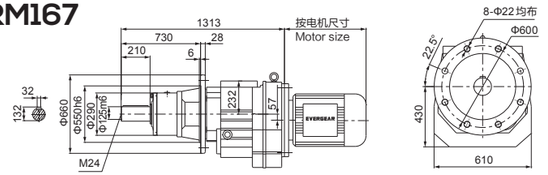
ϕ550



ϕ660

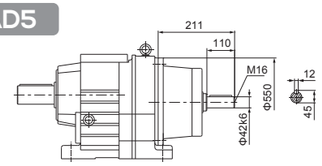


ERM167

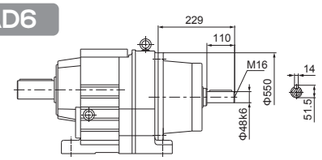


ER..S167

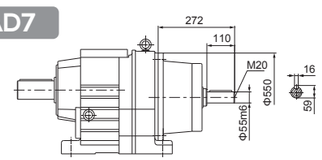
AD5



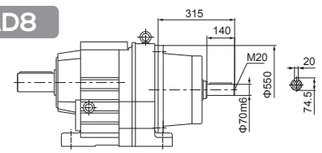
AD6



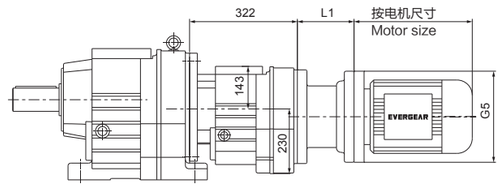
AD7



AD8

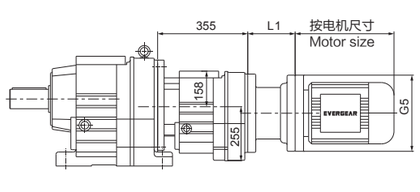


ER..167ER97



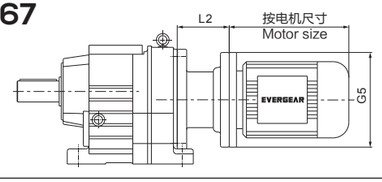
Y2电机机座号 Motor size	80	90	100	112	132	160
功率/4P Power/(kw)	0.55 0.75	1.1 1.5	2.2 3	4	5.5 7.5	11
L1	66	66	73	73	99	138
G5	Φ200	Φ200	Φ250	Φ250	Φ300	Φ350

ER..167ER107



Y2电机机座号 Motor size	160
功率/4P Power/(kw)	11 15
L1	126
G5	Φ350

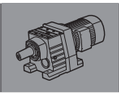
ER..167



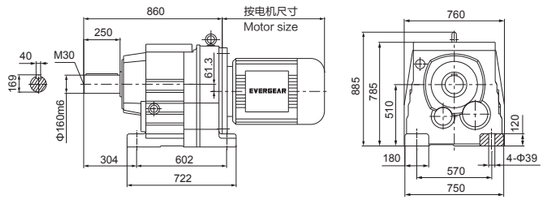
需方自配电机需加联接法兰
Customers provide the motor by themselves need connected flange

Y2电机机座号 Motor size	160	180	200	225	250	280	315
功率/4P Power/(kw)	11 15	18.5 22	30	37 45	55	75 90	110 132 160
L2	112	112	120	163	183	183	196
G5	Φ350	Φ350	Φ400	Φ450	Φ550	Φ550	Φ660

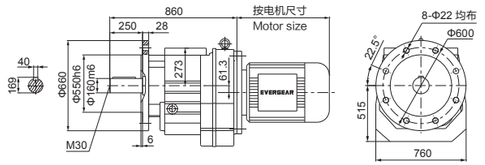
注 Note “ER..”表示ER..、ERF.. “ER..” Means ER..、ERF..



ER177

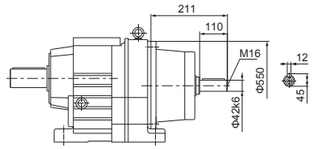


ERF177

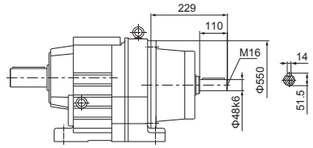


ER..S177

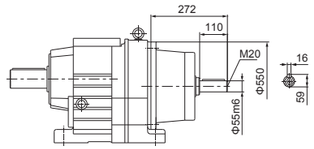
AD5



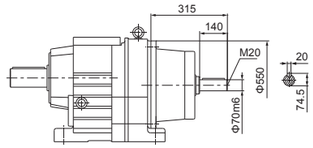
AD6



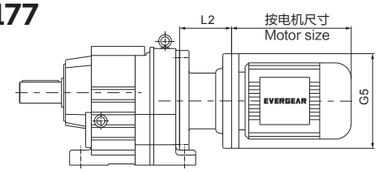
AD7



AD8



ER..177



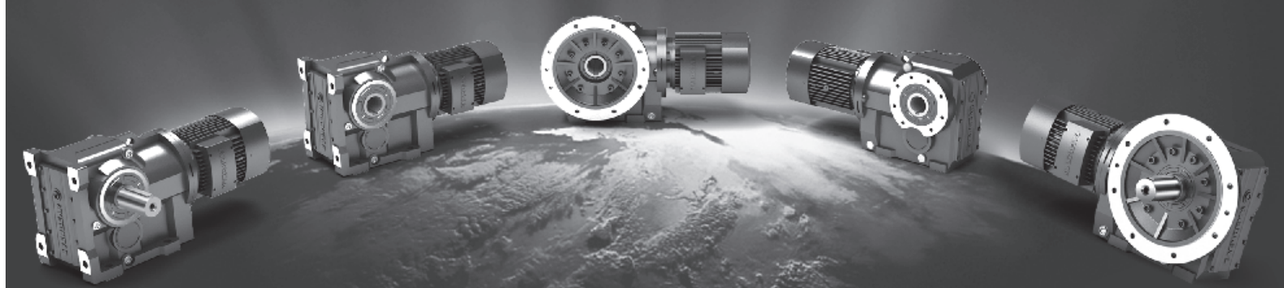
需方自配电机需加联接法兰
Customers provide the motor by themselves need connected flange

Y2电机机座号 Motor size	160		180		200	225		250	280		315			
功率/4P Power/(kw)	11	15	18.5	22	30	37	45	55	75	90	110	132	160	200
L2	107		107		118	156		167	167		171			
G5	Φ350		Φ350		Φ400	Φ450		Φ550	Φ550		Φ660			

注 Note “ER..” 表示ER..、ERF.. “ER..” Means ER..、ERF..

EK Series

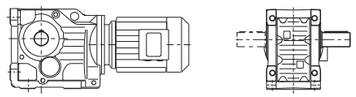
斜齿轮–弧齿锥齿轮减速机
Helical - Bevel Gear Motor



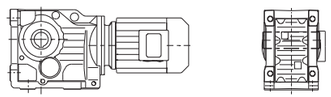
EVERGEAR

⑤ 结构形式
Mounting type:

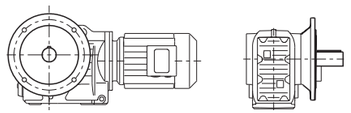
EK
底脚安装弧齿锥齿轮硬齿面减速机。
Foot-mounted helical-bevel gear reductor



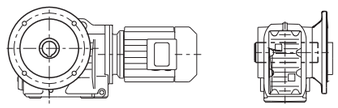
EKAB
底脚空心轴安装弧齿锥齿轮硬齿面减速机
Foot-mounted helical-bevel gear reductor with hollow shaft



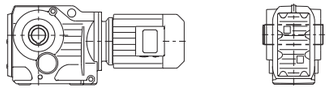
EKF
B5法兰安装弧齿锥齿轮硬齿面减速机。
Helical-bevel gear reductor in B5 flange-mounted version



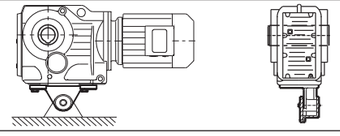
EKAF
B5法兰空心轴安装弧齿锥齿轮硬齿面减速机。
Helical-bevel gear reductor in B5 flange-mounted version with hollow shaft



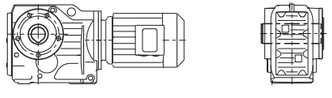
EKA
空心轴安装弧齿锥齿轮硬齿面减速机。
Helical-bevel gear reductor with hollow shaft



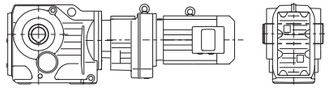
EKAT
空心轴安装防转臂固定弧齿锥齿轮硬齿面减速机。
Helical-bevel gear reductor in torque-arm version with hollow shaft



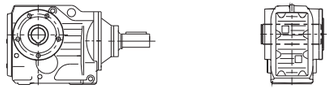
EKAZ
B14法兰空心轴安装弧齿锥齿轮硬齿面减速机。
Helical-bevel gear reductor in B14 flange-mounted version with hollow shaft



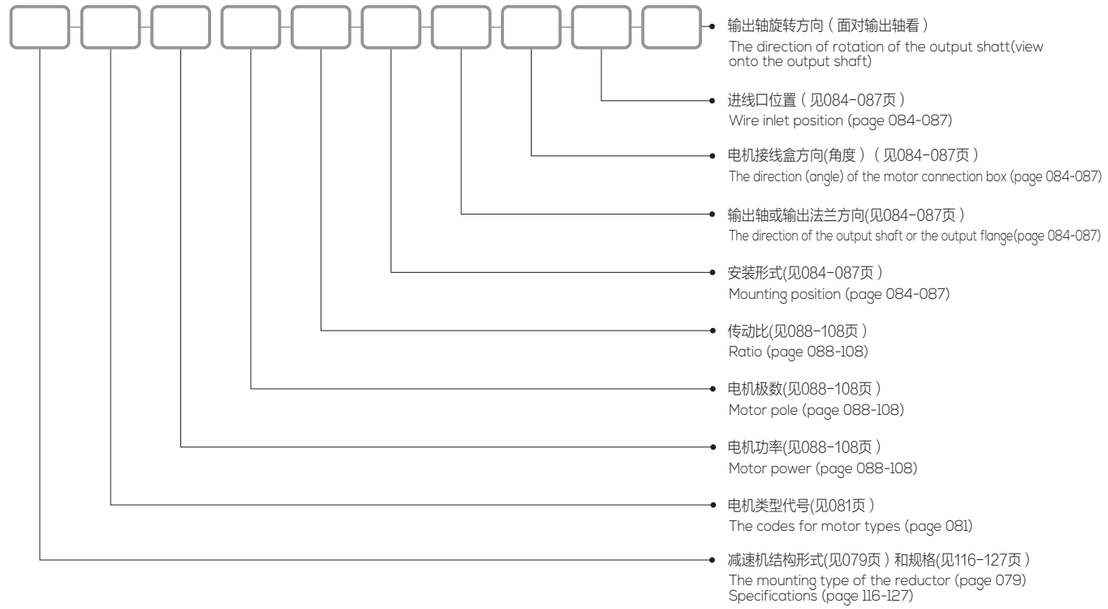
EK..ER
EK系列与ER..7系列组合减速机。
Combination of EK series reductor and ER..7 series reductor



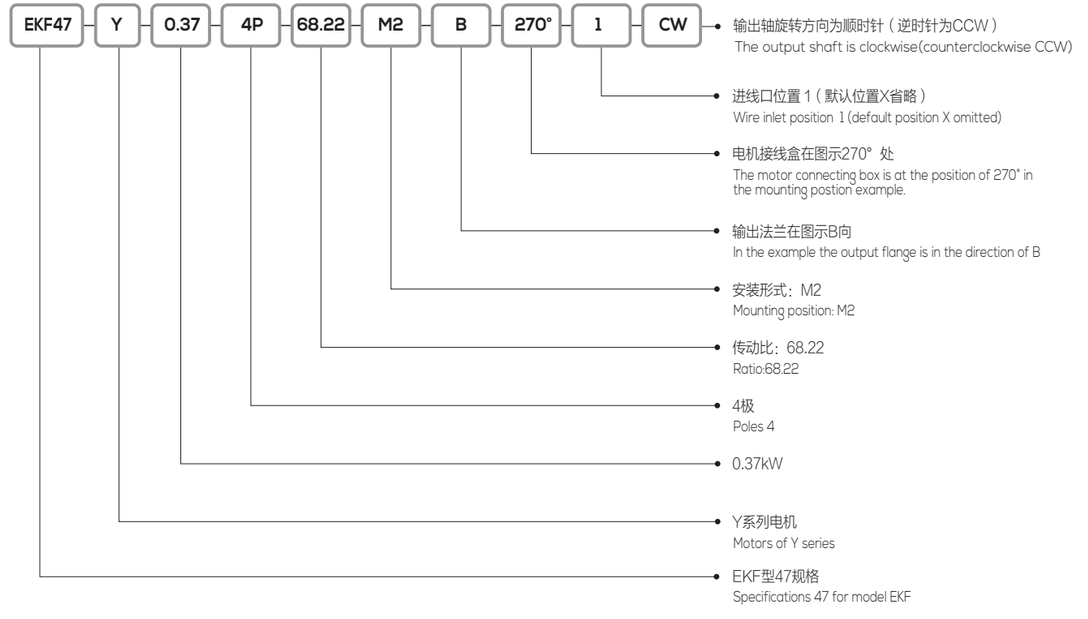
EK..S
轴输入型，即配输入轴不配电动机的弧齿锥齿轮硬齿面减速机
Shaft-input style, in another word, helical-bevel gear reductor equipped with input shaft but without the motor

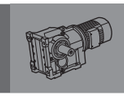


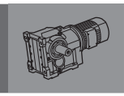
⑥ 型号说明
Instmctions for Models:



示例
Sample







⚠ 注 Notes

1.轴输入型没有电动机的各项内容。
2.无特别说明时Y系列电动机供货按IP54防护等级。
3.不注明安装形式时，按安装形式图(见084–087页) 中M1安装形式供货。
4.不注明接线盒角度时，按安装形式图(见084–087页) 中0度位置供货。
5.EK、EKF、EKAF、EKAZ型减速机不注明输出轴或输出法兰方向时，按安装形式图(见084–087页) 中A向供货。
6.如果减速机只承受单向载荷，请注明从输出轴端方向看的旋转方向，这有利于改善弧齿锥齿轮轴的受力。

1. The shaft-input style is not equipped with any motor
2.Motors of Y series are supplied with protection grade of IP54 unless otherwise specified.
3.The mounting position of M1 as shown in the mounting position example (Page 084-087) is the default way when supplying unless otherwise specified.
4.0° as shown in the mounting position example (Page 084-087) is the default connection box angle when supplying unless otherwise specified.
5.The mounting position of A as shown in the mounting position example (Page 084-087) is the default way when supplying reductors such as EK、EKF、EKAF、EKAZ model unless otherwise specified.
6.It is necessary to note the direction of rotation from the output shaft end.

⑦ 电机类型代号
Codes for Motor Types:

Y	Y系列 Y series	YB	防爆电机 Flameproof Motor	Z	直流电机 Direct Current Motor
YEJ	制动电机 Brake Motor	YG	辊道电机 Roll Motor	YVP	变频电机 Variable Frequency Motor
YVPEJ	变频制动 Transduction braking	YGP	变频辊道 Transduction roller way	YZR	冶金起重 Metallurgy hoisting

⑧ 安装形式图释义
Explanation of mounting position example

通气孔 Breather valve

油位孔 Oil level plug

放油孔 Oil drain plug

⑨ 选型参数表释义
Explanation of Parameter Selection List

输出转速 Output speed	输出转矩 Output torque	传动比 Ratio	使用系数 Service factor	机型号 Type	电机极数 Motor pole
(r/min)	(Nm)	(i)	(f_B)		
15kW					
7.9	18100	122.39	1.00		
9.7	14800	100.22	1.20	EK 157	6
11	13500	91.65	1.35	EKA 157	6
12	11800	79.75	1.55	EKF 157	6
14	10400	70.38	1.75	EKAF157	6

1. 选型参数表中的机型可与该栏中的任一传动比搭配。
2. 选型参数表中的参数也适用于EKAB、EKAZ、EKAT、EKH、EKHB、EKHF、EKHT、EKHZ机型。

1. The machine types in the parameter selection list can match any transmission ratio in the column.
2. The parameters in this list also fits model EKAB、EKAZ、EKAT、EKH、EKHB、EKHF、EKHT、EKHZ.

⑩ EK系列输入功率及最大扭矩
Input power and maximum torque of EK series

型号	Type	EK37	EK47	EK57	EK67	EK77	EK87	EK97	EK107	EK127	EK157	EK167	EK187
结构形式	Structure	EK、EKA、EKH、EKF、EKAF、EKHF、EKAZ、EKHZ、EKAT、EKHT、EKAB、EKHB										EK、EKA、EKH	
输入功率	Input power rating(kw)	0.12~3	0.12~3	0.12~4	0.18~5.5	0.37~11	0.75~22	1.1~30	3~45	7.5~90	11~200	11~200	18.5~200
传动比	Ratio	3.73~106.93	4.52~119.63	5.00~147.88	5.20~150.15	7.58~210.00	7.21~194.56	7.13~185.35	7.49~149.06	8.68~152.25	12.66~150.41	17.34~164.50	17.18~179.86
最大扭矩*	Maximum torque(Nm)	200	400	600	820	1550	2700	4300	8000	13000	18000	32000	50000

*)最大扭矩指该规格不同传动比对应的最大扭矩的最大值

*)The maximum torque indicates the maximum value of maximum torque corresponding to different transmission ratios in this specification

⑪ EK系列主机重量表
Main machine weight form of EK series

型号	Type	EK37	EK47	EK57	EK67	EK77	EK87	EK97	EK107	EK127	EK157	EK167	EK187
重量	Weight(kg)	19	26	29	33.5	62	103	170	275	437	679	1110	1736
型号	Type	EKF37	EKF47	EKF57	EKF67	EKF77	EKF87	EKF97	EKF107	EKF127	EKF157	EKF167	
重量	Weight(kg)	21	29	33	39.5	70	113	190	286	478	757	1310	
型号	Type	EKA37	EKA47	EKA57	EKA67	EKA77	EKA87	EKA97	EKA107	EKA127	EKA157	EKA167	EKA187
重量	Weight(kg)	19	25	26	31.5	55	91	151	247	409	647	1071	1669
型号	Type	EKAF37	EKAF47	EKAF57	EKAF67	EKAF77	EKAF87	EKAF97	EKAF107	EKAF127	EKAF157	EKAF167	
重量	Weight(kg)	20	28	33	36.5	62	104	175	270	445	703	1271	
型号	Type	EKAT37	EKAT47	EKAT57	EKAT67	EKAT77	EKAT87	EKAT97	EKAT107	EKAT127	EKAT157		
重量	Weight(kg)	21	28	31	36.5	62	103	169	272	469	747		

注：
1)EKAB、EKAZ、EKHB、EKH、EKHZ与EKA主机重量近似。
2)EKHF与EKAF主机重量近似。
3)EKHT与EKAT主机重量近似。

Note:
1)The weight of main machine of EKAB、EKAZ、EKHB、EKH、EKHZ is similar to that of EKA.
2)The weight of main machine of EKHF is similar to that of EKAF.
3)The weight of main machine of EKHT is similar to that of EKAT.

⑫ EK系列润滑油量表
Lubricating oil quantity form of EK series

EK..、EKAB..、EKHB..

型号 Type	润滑油量(升)Fill quantity in liters(L)					
	M1	M2	M3	M4	M5	M6
EK..37	0.5	1	1	1.3	1	1
EK..47	0.8	1.3	1.5	2	1.6	1.6
EK..57	1.2	2.3	2.5	3	2.6	2.4
EK..67	1.1	2.4	2.6	3.4	2.6	2.6
EK..77	2.2	4.1	4.4	5.9	4.2	4.4
EK..87	3.7	8	8.7	10.9	7.8	8
EK..97	7	14	15.7	20	15.7	15.5
EK..107	10	21	25.5	33.5	24	24
EK..127	21	41.5	44	54	40	41
EK..157	31	62	65	90	58	62
EK..167	35	100	100	125	85	85
EK..187	60	170	170	205	130	130

EKF..

型号 Type	润滑油量(升)Fill quantity in liters(L)					
	M1	M2	M3	M4	M5	M6
EKF37	0.5	1.1	1.1	1.5	1	1
EKF47	0.8	1.3	1.7	2.2	1.6	1.6
EKF57	1.3	2.3	2.7	3	2.9	2.7
EKF67	1.1	2.4	2.8	3.6	2.7	2.7
EKF77	2.1	4.1	4.4	6	4.5	4.5
EKF87	3.7	8.2	9	11.9	8.4	8.4
EKF97	7	14.7	17.3	21.5	15.7	16.5
EKF107	10	22	26	35	25	25
EKF127	21	41.5	46	55	41	41
EKF157	31	66	69	92	62	62
EKF167	35	100	100	125	85	85

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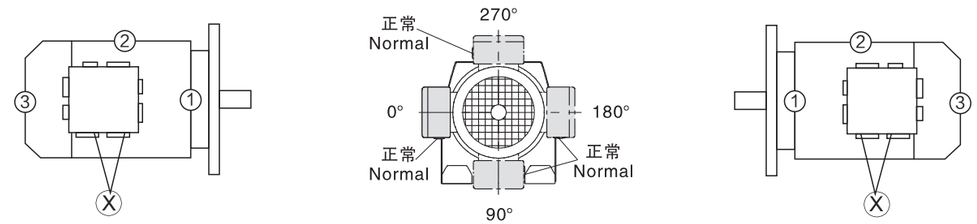
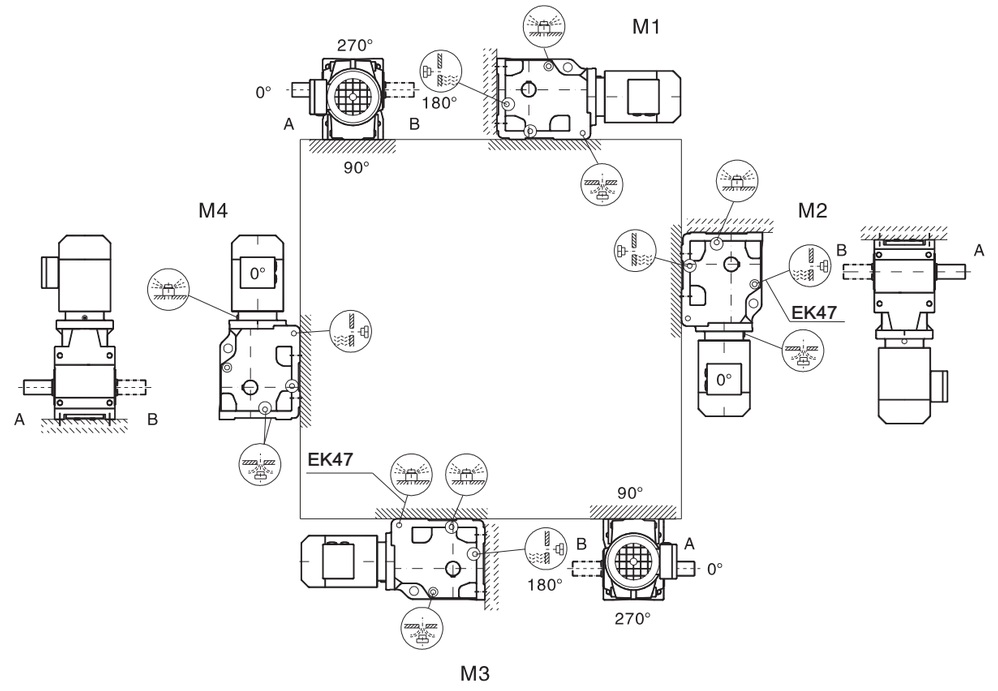
EKA、EKH、EKAF、EKHF、EKAZ、EKHZ、EKAT、EKHT

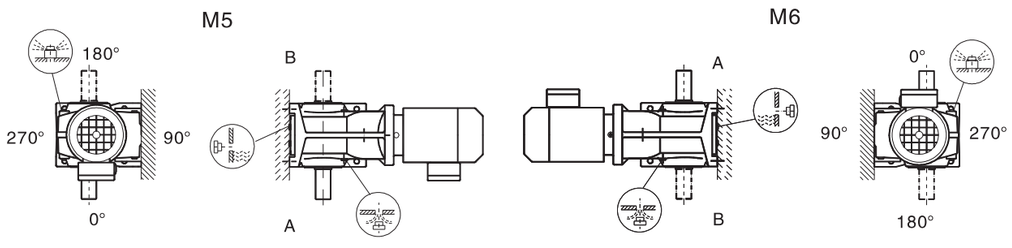
型号 Type	润滑油量(升) Fill quantity in liters(L)					
	M1	M2	M3	M4	M5	M6
EK..37	0.5	1	1	1.4	1	1
EK..47	0.8	1.3	1.6	2.1	1.6	1.6
EK..57	1.3	2.3	2.7	3	2.9	2.7
EK..67	1.1	2.4	2.7	3.6	2.6	2.6
EK..77	2.1	4.1	4.6	6	4.4	4.4
EK..87	3.7	8.2	8.8	11.1	8	8
EK..97	7	14.7	15.7	20	15.7	15.7
EK..107	10	20.5	24	32	24	24
EK..127	21	41.5	43	52	40	40
EK..157	31	66	67	87	62	62
EK..167	35	100	100	125	85	85
EK..187	60	170	170	205	130	130

EK/EKAB37-157

安装形式图 Mounting position example

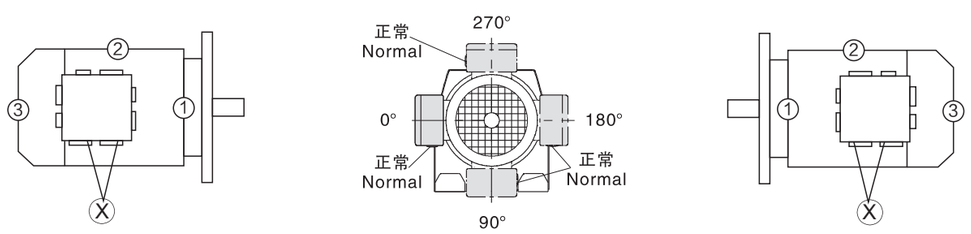






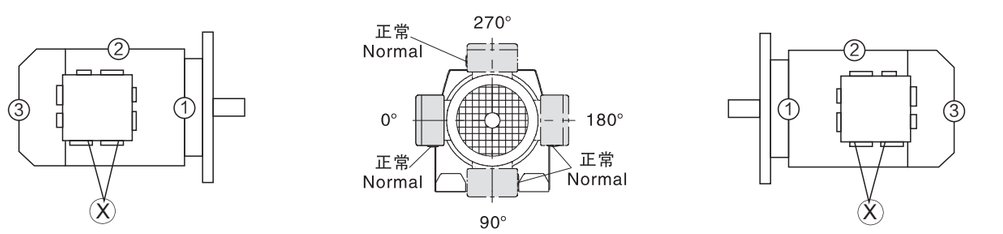
EK/EKA167-187

安装形式图 Mounting position example



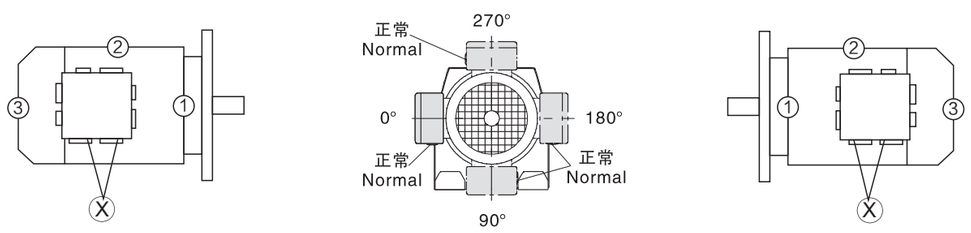
EKA/EKAT37-157

安装形式图 Mounting position example



EKF/EKAF/EKAZ37-157

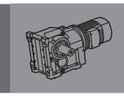
安装形式图 Mounting position example



EK系列恒功率选型参数表
Constant power model selection parameter form of EK series

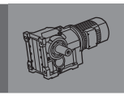
输出转速 Output speed (r/min)	输出转矩 Output torque (Nm)	传动比 Ratio (i)	使用系数 Service factor (f_B)	机型号 Type	电机极数 Motor pole
0.12kW					
0.08	12300	17917	1.05		
0.09	11000	16117	1.20		
0.09	10200	14813	1.30	EK 127ER77	4
0.11	8460	12341	1.55	EKA 127ER77	4
0.13	7440	10858	1.75	EKF 127ER77	4
0.14	6650	9705	1.95	EKAF127ER77	4
0.17	5730	8365	2.3		
0.19	5040	7347	2.6		
0.10	9660	14094	0.85		
0.12	8260	12046	0.95		
0.13	7320	10688	1.10		
0.15	6510	9502	1.25	EK 107ER77	4
0.16	5780	8437	1.40	EKA 107ER77	4
0.19	4990	7277	1.60	EKF 107ER77	4
0.23	4230	6170	1.90	EKAF107ER77	4
0.25	3850	5616	2.1		
0.27	3520	5138	2.3		
0.32	2980	4346	2.7		
0.17	5500	8023	0.80		
0.20	4790	6987	0.90		
0.23	4160	6076	1.05		
0.25	3740	5458	1.15	EK 97ER57	4
0.30	3150	4594	1.35	EKA 97ER57	4
0.34	2800	4079	1.55	EKF 97ER57	4
0.39	2430	3553	1.75	EKAF97ER57	4
0.45	2140	3122	2.0		
0.50	1912	2790	2.2		
0.57	1680	2457	2.6		
0.64	1480	2162	2.9		
0.74	1280	1869	3.4	EK 97ER57	4
0.85	1120	1631	3.8	EKA 97ER57	4
0.98	980	1425	4.4	EKF 97ER57	4
1.1	860	1254	5.0	EKAF97ER57	4
1.3	755	1099	5.7		
0.30	3130	4564	0.85		
0.35	2750	4018	1.00	EK 87ER57	4
0.38	2510	3660	1.10	EKA 87ER57	4
0.44	2150	3131	1.25	EKF 87ER57	4
0.51	1870	2726	1.45	EKAF87ER57	4
0.58	1650	2401	1.65		
0.66	1450	2111	1.85		
0.76	1260	1838	2.1		
0.84	1140	1658	2.4		
0.98	970	1422	2.8	EK 87ER57	4
1.1	840	1232	3.2	EKA 87ER57	4
1.3	730	1066	3.7	EKF 87ER57	4
1.5	650	946	4.2	EKAF87ER57	4
1.7	575	838	4.7		
1.9	495	722	5.5		
2.2	435	633	6.2		
0.52	1840	2689	0.85	EK 77ER37	4
0.59	1610	2350	0.95	EKA 77ER37	4
				EKF 77ER37	4
				EKAF77ER37	4
0.68	1400	2048	1.10		
0.79	1200	1749	1.30		
0.93	1030	1501	1.50		
0.99	960	1399	1.60	EK 77ER37	4
1.1	840	1231	1.85	EKA 77ER37	4
1.3	735	1072	2.1	EKF 77ER37	4
1.5	635	928	2.4	EKAF77ER37	4
1.7	555	808	2.8		
2.0	485	707	3.2		
2.2	430	628	3.6		

输出转速 Output speed (r/min)	输出转矩 Output torque (Nm)	传动比 Ratio (i)	使用系数 Service factor (f_B)	机型号 Type	电机极数 Motor pole
0.12kW					
1.0	910	1326	0.90		
1.2	785	1147	1.05		
1.3	720	1050	1.15		
1.5	625	913	1.30		
1.7	550	801	1.50		
2.0	480	701	1.70		
2.2	425	623	1.90	EK 67ER37	4
2.6	375	544	2.2	EKA 67ER37	4
2.9	325	472	2.5	EKF 67ER37	4
3.3	285	419	2.9	EKAF67ER37	4
3.8	250	362	3.3		
4.3	220	321	3.7		
5.0	191	278	4.3		
5.7	169	246	4.9		
6.3	150	219	5.5		
1.5	625	913	0.95		
1.7	565	821	1.05		
2.0	475	691	1.25		
2.3	420	613	1.45		
2.6	365	536	1.65		
3.0	320	470	1.85	EK 57ER37	4
3.3	285	419	2.1	EKA 57ER37	4
3.9	245	361	2.4	EKF 57ER37	4
4.4	215	316	2.8	EKAF57ER37	4
4.9	193	282	3.1		
5.7	169	246	3.6		
6.5	147	215	4.1		
7.1	134	195	4.5		
2.5	380	553	1.05		
2.8	340	494	1.20	EK 47ER37	4
3.3	290	426	1.35	EKA 47ER37	4
3.7	260	380	1.55	EKF 47ER37	4
4.3	225	325	1.80	EKAF47ER37	4
4.8	199	290	2.0		
4.0	240	347	0.85		
4.5	210	306	0.95		
5.2	182	266	1.10	EK 37ER17	4
5.9	161	235	1.25	EKA 37ER17	4
6.7	141	206	1.40	EKF 37ER17	4
7.6	125	182	1.60	EKAF37ER17	4
8.6	110	161	1.80		
10	93	136	2.1		
9.4	122	147.88	4.9		
11	104	126.18	5.8	EK 57	4
13	91	110.33	6.6	EKA 57	4
13	85	103.59	7.0	EKF 57	4
15	76	91.96	7.9	EKAF57	4
12	99	119.63	4.1	EK 47	4
13	91	110.20	4.4	EKA 47	4
				EKF 47	4
				EKAF47	4
13	88	106.93	2.3		
14	81	98.31	2.5		
17	69	84.12	2.9		
19	60	72.91	3.3		
20	56	68.15	3.6		
24	49	58.91	4.1		
28	41	50.05	4.8		
31	37	44.69	5.4		
36	31	38.17	6.4	EK 37	4
39	29	35.75	6.8	EKA 37	4
46	25	30.12	8.1	EKF 37	4
48	24	28.98	8.4	EKAF37	4
55	21	25.12	9.7		
59	19	23.48	10		
69	17	20.29	11		
81	14	17.24	13		
90	13	15.39	14		
106	11	13.15	15		
122	9.4	11.38	17		



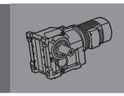
输出转速 Output speed (r/min)	输出转矩 Output torque (Nm)	传动比 Ratio (i)	使用系数 Service factor (f_B)	机型号 Type	电机极数 Motor pole
0.18kW					
0.09	15500	14813	0.85		
0.11	12900	12341	1.00		
0.13	11400	10858	1.15		
0.14	10200	9705	1.30		
0.17	8770	8365	1.50	EK 127ER77	4
0.19	7700	7347	1.70	EKA 127ER77	4
0.21	6930	6609	1.90	EKF 127ER77	4
0.24	6090	5814	2.1	EKAF127ER77	4
0.28	5270	5031	2.5		
0.31	4660	4450	2.8		
0.36	4080	3893	3.2		
0.42	3460	3304	3.8		
0.16	8840	8437	0.90		
0.19	7630	7277	1.05		
0.23	6470	6170	1.25		
0.25	5890	5616	1.35		
0.27	5380	5138	1.50	EK 107ER77	4
0.32	4550	4346	1.75	EKA 107ER77	4
0.36	4030	3847	2.0	EKF 107ER77	4
0.41	3520	3354	2.3	EKAF107ER77	4
0.47	3130	2984	2.6		
0.53	2750	2625	2.9		
0.61	2400	2290	3.3		
0.30	4810	4594	0.90		
0.34	4270	4079	1.00	EK 97ER57	4
0.39	3720	3553	1.15	EKA 97ER57	4
0.45	3270	3122	1.30	EKF 97ER57	4
0.50	2924	2790	1.47	EKAF97ER57	4
0.57	2580	2457	1.65		
0.64	2270	2162	1.90		
0.74	1960	1869	2.2		
0.85	1710	1631	2.5		
0.98	1490	1425	2.9	EK 97ER57	4
1.1	1310	1254	3.3	EKA 97ER57	4
1.3	1150	1099	3.7	EKF 97ER57	4
1.5	1000	958	4.3	EKAF97ER57	4
1.6	900	861	4.8		
1.9	785	748	5.5		
2.1	690	656	6.3		
0.44	3280	3131	0.80	EK 87ER57	4
0.51	2860	2726	0.95	EKA 87ER57	4
0.58	2520	2401	1.05	EKF 87ER57	4
				EKAF87ER57	4
0.66	2210	2111	1.20		
0.76	1930	1838	1.40		
0.84	1740	1658	1.55		
0.98	1490	1422	1.80	EK 87ER57	4
1.1	1290	1232	2.1	EKA 87ER57	4
1.3	1120	1066	2.4	EKF 87ER57	4
1.5	990	946	2.7	EKAF87ER57	4
1.7	880	838	3.1		
1.9	755	722	3.6		
2.2	665	633	4.1		
0.93	1570	1501	1.00		
0.99	1470	1399	1.05		
1.1	1290	1231	1.20		
1.3	1120	1072	1.40		
1.5	970	928	1.60	EK 77ER37	4
1.7	850	808	1.85	EKA 77ER37	4
2.0	740	707	2.1	EKF 77ER37	4
2.2	660	628	2.4	EKAF77ER37	4
2.6	570	545	2.7		
2.9	510	487	3.0		
3.2	450	429	3.4		
3.8	385	369	4.0		
1.7	840	801	1.00		
2.0	735	701	1.10	EK 67ER37	4
2.2	655	623	1.25	EKA 67ER37	4
2.6	570	544	1.45	EKF 67ER37	4
2.9	495	472	1.65	EKAF67ER37	4

输出转速 Output speed (r/min)	输出转矩 Output torque (Nm)	传动比 Ratio (i)	使用系数 Service factor (f_B)	机型号 Type	电机极数 Motor pole
0.18kW					
3.3	440	419	1.85	EK 67ER37	4
3.8	380	362	2.2	EKA 67ER37	4
4.3	335	321	2.4	EKF 67ER37	4
5.0	290	278	2.8	EKAF67ER37	4
2.6	560	536	1.05		
3.0	495	470	1.20		
3.3	440	419	1.35		
3.9	380	361	1.60	EK 57ER37	4
4.4	330	316	1.80	EKA 57ER37	4
4.9	295	282	2.0	EKF 57ER37	4
5.7	260	246	2.3	EKAF57ER37	4
6.5	225	215	2.7		
7.1	205	195	2.9		
8.2	177	169	3.4		
3.7	400	380	1.00		
4.3	340	325	1.15		
4.8	305	290	1.30		
5.4	270	256	1.50	EK 47ER37	4
6.2	235	225	1.70	EKA 47ER37	4
7.0	210	200	1.90	EKF 47ER37	4
8.2	177	169	2.3	EKAF47ER37	4
9.0	162	155	2.5		
11	137	131	2.9		
6.7	215	206	0.95		
7.6	191	182	1.05	EK 37ER17	4
8.6	169	161	1.20	EKA 37ER17	4
10	143	136	1.40	EKF 37ER17	4
11	134	128	1.50	EKAF37ER17	4
5.7	305	150.15	2.7	EK 67	6
6.6	260	128.12	3.2	EKA 67	6
7.6	225	112.03	3.6	EKF 67	6
8.1	215	105.19	3.9	EKAF67	6
9.3	186	150.15	4.4	EK 67	4
11	158	128.12	5.2	EKA 67	4
12	139	112.03	5.9	EKF 67	4
13	130	105.19	6.3	EKAF67	4
5.7	300	147.88	2.0		
6.7	255	126.18	2.4	EK 57	6
7.7	225	110.33	2.7	EKA 57	6
8.2	210	103.59	2.9	EKF 57	6
9.2	186	91.96	3.2	EKAF57	6
9.4	183	147.88	3.3		
11	156	126.18	3.8	EK 57	4
13	136	110.33	4.4	EKA 57	4
13	128	103.59	4.7	EKF 57	4
15	114	91.96	5.3	EKAF57	4
18	96	78.00	6.2		
7.1	240	119.63	1.65	EK 47	6
7.7	225	110.20	1.80	EKA 47	6
9.0	191	94.68	2.1	EKF 47	6
10	167	82.42	2.4	EKAF47	6
12	148	119.63	2.7	EK 47	4
13	136	110.20	2.9	EKA 47	4
15	117	94.68	3.4	EKF 47	4
17	102	82.42	3.9	EKAF47	4
7.9	215	106.93	0.90	EK 37	6
8.6	199	98.31	1.00	EKA 37	6
10	170	84.12	1.20	EKF 37	6
12	147	72.91	1.35	EKAF37	6



输出转速 Output speed (r/min)	输出转矩 Output torque (Nm)	传动比 Ratio (i)	使用系数 Service factor (f_B)	机型号 Type	电机极数 Motor pole
0.18kW					
13	132	106.93	1.50		
14	122	98.31	1.65		
17	104	84.12	1.90		
19	90	72.91	2.2		
20	84	68.15	2.4		
24	73	58.91	2.7		
28	62	50.05	3.2		
31	55	44.69	3.6		
36	47	38.17	4.2		
39	44	35.75	4.5		
46	37	30.12	5.4	EK 37	4
48	36	28.98	5.6	EKA 37	4
55	31	25.12	6.4	EKF 37	4
59	29	23.48	6.7	EKAF37	4
69	25	20.29	7.4		
81	21	17.24	8.4		
90	19	15.39	9.2		
106	16	13.15	10		
122	14	11.38	11		
141	12	9.83	13		
166	10	8.36	15		
186	9.2	7.46	17		
218	7.9	6.37	19		
233	7.4	5.97	20		
0.25kW					
0.14	14200	9705	0.90		
0.17	12300	8365	1.05		
0.19	10800	7347	1.20		
0.21	9680	6609	1.35	EK 127ER77	4
0.24	8510	5814	1.55	EKA 127ER77	4
0.28	7370	5031	1.75	EKF 127ER77	4
0.31	6520	4450	2.0	EKAF127ER77	4
0.36	5700	3893	2.3		
0.42	4840	3304	2.7		
0.23	9040	6170	0.90		
0.25	8220	5616	0.95		
0.27	7520	5138	1.05		
0.32	6360	4346	1.25	EK 107ER77	4
0.36	5630	3847	1.40	EKA 107ER77	4
0.41	4910	3354	1.65	EKF 107ER77	4
0.47	4370	2984	1.85	EKAF107ER77	4
0.53	3840	2625	2.1		
0.61	3350	2290	2.4		
0.71	2850	1946	2.8		
0.82	2480	1693	3.2	EK 107ER77	4
0.91	2230	1525	3.6	EKA 107ER77	4
1.0	1960	1338	4.1	EKF 107ER77	4
				EKAF107ER77	4
0.45	4570	3122	0.95	EK 97ER57	4
0.50	4090	2790	1.05	EKA 97ER57	4
				EKF 97ER57	4
				EKAF97ER57	4
0.57	3600	2457	1.20		
0.64	3170	2162	1.35		
0.74	2740	1869	1.55		
0.85	2390	1631	1.80	EK 97ER57	4
0.98	2090	1425	2.1	EKA 97ER57	4
1.1	1840	1254	2.3	EKF 97ER57	4
1.3	1610	1099	2.7	EKAF97ER57	4
1.5	1400	958	3.1		
1.6	1260	861	3.4		

输出转速 Output speed (r/min)	输出转矩 Output torque (Nm)	传动比 Ratio (i)	使用系数 Service factor (f_B)	机型号 Type	电机极数 Motor pole
0.25kW					
0.66	3090	2111	0.85		
0.76	2690	1838	1.00		
0.84	2430	1658	1.10		
0.98	2080	1422	1.30	EK 87ER57	4
1.1	1800	1232	1.50	EKA 87ER57	4
1.3	1560	1066	1.75	EKF 87ER57	4
1.5	1390	946	1.95	EKAF87ER57	4
1.7	1230	838	2.2		
1.9	1060	722	2.6		
2.2	930	633	2.9		
1.3	1570	1072	1.00		
1.5	1360	928	1.15		
1.7	1180	808	1.30		
2.0	1040	707	1.50		
2.2	920	628	1.70		
2.6	800	545	1.95		
2.9	715	487	2.2	EK 77ER37	4
3.2	630	429	2.5	EKA 77ER37	4
3.8	540	369	2.9	EKF 77ER37	4
4.2	480	329	3.2	EKAF77ER37	4
4.8	430	292	3.6		
5.6	365	250	4.2		
6.3	325	221	4.8		
7.1	290	197	5.4		
7.9	260	177	6.0		
2.2	910	623	0.90		
2.6	795	544	1.05		
2.9	690	472	1.20		
3.3	615	419	1.35	EK 67ER37	4
3.8	530	362	1.55	EKA 67ER37	4
4.3	470	321	1.75	EKF 67ER37	4
5.0	405	278	2.0	EKAF67ER37	4
5.7	360	246	2.3		
6.3	320	219	2.6		
3.3	615	419	1.00		
3.9	530	361	1.15		
4.4	465	316	1.30		
4.9	415	282	1.45		
5.7	360	246	1.65	EK 57ER37	4
6.5	315	215	1.90	EKA 57ER37	4
7.1	285	195	2.1	EKF 57ER37	4
8.2	250	169	2.4	EKAF57ER37	4
9.5	215	147	2.8		
11	192	131	3.1		
12	164	112	3.7		
14	141	96	4.3		
3.8	625	168.31	2.5		
4.4	545	147.83	2.8	EK 77	8
4.6	515	139.13	3.0	EKA 77	8
5.2	460	124.09	3.4	EKF 77	8
6.1	395	106.05	3.9	EKAF77	8
4.0	590	210.00	2.5		
4.4	545	194.25	2.7	EK 77	6
5.1	475	168.31	3.3	EKA 77	6
5.7	415	147.83	3.7	EKF 77	6
6.1	390	139.13	4.0	EKAF77	6

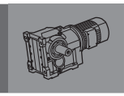


0.25kW

输出转速 Output speed (r/min)	输出转矩 Output torque (Nm)	传动比 Ratio (i)	使用系数 Service factor (f_B)	机型号 Type	电机极数 Motor pole
5.0	475	128.12	1.75	EK 67	8
5.8	415	112.03	2.0	EKA 67	8
6.1	390	105.19	2.1	EKF 67	8
6.9	345	93.38	2.4	EKAF67	8
5.7	420	150.15	1.95	EK 67	6
6.6	360	128.12	2.3	EKA 67	6
7.6	315	112.03	2.6	EKF 67	6
8.1	295	105.19	2.8	EKAF67	6
9.3	260	150.15	3.2	EK 67	4
11	220	128.12	3.7	EKA 67	4
12	192	112.03	4.3	EKF 67	4
13	181	105.19	4.5	EKAF67	4
5.7	415	147.88	1.45		
6.7	355	126.18	1.70	EK 57	6
7.7	310	110.33	1.95	EKA 57	6
8.2	290	103.59	2.1	EKF 57	6
9.2	260	91.96	2.3	EKAF57	6
11	220	78.00	2.7		
9.4	255	147.88	2.4		
11	215	126.18	2.8	EK 57	4
13	189	110.33	3.2	EKA 57	4
13	178	103.59	3.4	EKF 57	4
15	158	91.96	3.8	EKAF57	4
18	134	78.00	4.5		
7.1	335	119.63	1.20	EK 47	6
7.7	310	110.20	1.30	EKA 47	6
9.0	265	94.68	1.50	EKF 47	6
10	230	82.42	1.75	EKAF47	6
12	205	119.63	1.95	EK 47	4
13	189	110.20	2.1	EKA 47	4
15	163	94.68	2.5	EKF 47	4
17	142	82.42	2.8	EKAF47	4
10	235	84.12	0.85		
12	205	72.91	1.00	EK 37	6
12	191	68.15	1.05	EKA 37	6
14	165	58.91	1.20	EKF 37	6
17	141	50.05	1.40	EKAF37	6
13	184	106.93	1.10		
14	169	98.31	1.20		
17	144	84.12	1.40		
19	125	72.91	1.60		
20	117	68.15	1.70		
24	101	58.91	2.0		
28	86	50.05	2.3		
31	77	44.69	2.6		
36	66	38.17	3.1		
39	61	35.75	3.3		
46	52	30.12	3.9	EK 37	4
48	50	28.98	4.0	EKA 37	4
55	43	25.12	4.6	EKF 37	4
59	40	23.48	4.8	EKAF37	4
69	35	20.29	5.3		
81	30	17.24	6.1		
90	26	15.39	6.6		
106	23	13.15	7.3		
122	20	11.38	8.2		
141	17	9.83	9.5		
166	14	8.36	11		
186	13	7.46	12		
218	11	6.37	14		
233	10	5.97	14		

0.37kW

输出转速 Output speed (r/min)	输出转矩 Output torque (Nm)	传动比 Ratio (i)	使用系数 Service factor (f_B)	机型号 Type	电机极数 Motor pole
0.19	16100	7347	0.80		
0.21	14500	6609	0.90		
0.24	12700	5814	1.00		
0.28	11000	5031	1.20	EK 127ER77	4
0.31	9750	4450	1.35	EKA 127ER77	4
0.36	8530	3893	1.50	EKF 127ER77	4
0.42	7240	3304	1.80	EKAF127ER77	4
0.46	6570	3002	2.0		
0.53	5720	2613	2.3		
0.61	5020	2294	2.6		
0.74	4120	1880	3.2	EK 127ER77	4
0.80	3790	1731	3.4	EKA 127ER77	4
0.92	3320	1515	3.9	EKF 127ER77	4
				EKAF127ER77	4
0.36	8420	3847	0.95		
0.41	7350	3354	1.10	EK 107ER77	4
0.47	6530	2984	1.20	EKA 107ER77	4
0.53	5750	2625	1.40	EKF 107ER77	4
0.61	5020	2290	1.60	EKAF107ER77	4
0.71	4260	1946	1.90		
0.82	3710	1693	2.2	EK 107ER77	4
0.91	3340	1525	2.4	EKA 107ER77	4
1.0	2930	1338	2.7	EKF 107ER77	4
1.2	2590	1181	3.1	EKAF107ER77	4
0.64	4730	2162	0.90		
0.74	4090	1869	1.05		
0.85	3570	1631	1.20		
0.98	3120	1425	1.40		
1.1	2750	1254	1.55	EK 97ER57	4
1.3	2410	1099	1.80	EKA 97ER57	4
1.5	2100	958	2.0	EKF 97ER57	4
1.6	1890	861	2.3	EKAF97ER57	4
1.9	1640	748	2.6		
2.1	1440	656	3.0		
2.4	1260	577	3.4		
0.98	3110	1422	0.85		
1.1	2700	1232	1.00		
1.3	2330	1066	1.15		
1.5	2070	946	1.30		
1.7	1840	838	1.45	EK 87ER57	4
1.9	1580	722	1.70	EKA 87ER57	4
2.2	1390	633	1.95	EKF 87ER57	4
2.5	1230	562	2.2	EKAF87ER57	4
2.9	1040	474	2.6		
3.2	940	428	2.9		
3.7	830	377	3.3		
1.7	1770	808	0.90		
2.0	1550	707	1.00		
2.2	1380	628	1.15		
2.6	1190	545	1.30		
2.9	1070	487	1.45		
3.2	940	429	1.65	EK 77ER37	4
3.8	810	369	1.90	EKA 77ER37	4
4.2	720	329	2.2	EKF 77ER37	4
4.8	640	292	2.4	EKAF77ER37	4
5.6	545	250	2.8		
6.3	485	221	3.2		
7.1	430	197	3.6		
7.9	390	177	4.0		
8.9	340	156	4.5		



0.37kW

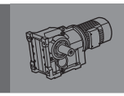
输出转速 Output speed (r/min)	输出转矩 Output torque (Nm)	传动比 Ratio (i)	使用系数 Service factor (f_B)	机型号 Type	电机极数 Motor pole
3.3	920	419	0.90		
3.8	795	362	1.05		
4.3	705	321	1.15		
5.0	610	278	1.35	EK 67ER37	4
5.7	540	246	1.50	EKA 67ER37	4
6.3	480	219	1.70	EKF 67ER37	4
7.4	415	189	2.0	EKAF67ER37	4
8.4	365	166	2.3		
9.7	315	143	2.6		
11	265	122	3.1		
4.9	620	282	0.95		
5.7	540	246	1.10		
6.5	470	215	1.25		
7.1	425	195	1.40	EK 57ER37	4
8.2	370	169	1.60	EKA 57ER37	4
9.5	320	147	1.85	EKF 57ER37	4
11	285	131	2.1	EKAF57ER37	4
12	245	112	2.4		
14	210	96	2.9		
3.9	910	171.71	3.0	EK 87	8
4.1	850	162.00	3.2	EKA 87	8
4.6	765	145.23	3.5	EKF 87	8
				EKAF87	8
4.5	775	194.56	3.5	EK 87	6
5.2	685	171.71	3.9	EKA 87	6
				EKF 87	6
				EKAF87	6
4.5	780	147.83	2.0		
4.8	735	139.13	2.1	EK 77	8
5.4	655	124.09	2.4	EKA 77	8
6.3	560	106.05	2.8	EKF 77	8
7.0	510	96.25	3.1	EKAF77	8
5.3	670	168.31	2.3		
6.0	590	147.83	2.6	EK 77	6
6.4	555	139.13	2.8	EKA 77	6
7.1	495	124.09	3.1	EKF 77	6
8.3	425	106.05	3.7	EKAF77	6
6.6	535	210.00	2.7	EK 77	4
7.2	495	194.25	2.9	EKA 77	4
8.3	430	168.31	3.6	EKF 77	4
9.4	375	147.83	4.1	EKAF77	4
6.0	590	112.03	1.40	EK 67	8
6.4	555	105.19	1.50	EKA 67	8
7.2	490	93.38	1.65	EKF 67	8
				EKAF67	8
6.9	510	128.12	1.60	EK 67	6
7.9	445	112.03	1.85	EKA 67	6
8.4	420	105.19	1.95	EKF 67	6
9.5	375	93.38	2.2	EKAF67	6
9.3	380	150.15	2.1		
11	325	128.12	2.5		
12	285	112.03	2.9	EK 67	4
13	265	105.19	3.1	EKA 67	4
15	235	93.38	3.5	EKF 67	4
18	200	79.20	4.1	EKAF67	4
19	182	71.50	4.5		

0.37kW

输出转速 Output speed (r/min)	输出转矩 Output torque (Nm)	传动比 Ratio (i)	使用系数 Service factor (f_B)	机型号 Type	电机极数 Motor pole
7.0	505	126.18	1.20		
8.0	440	110.33	1.35	EK 57	6
8.5	415	103.59	1.45	EKA 57	6
9.6	365	91.96	1.65	EKF 57	6
11	310	78.00	1.95	EKAF57	6
13	280	70.42	2.1		
9.4	375	147.88	1.60		
11	320	126.18	1.85		
13	280	110.33	2.1	EK 57	4
13	265	103.59	2.3	EKA 57	4
15	235	91.96	2.6	EKF 57	4
18	198	78.00	3.0	EKAF57	4
20	179	70.42	3.4		
9.3	380	94.68	1.05	EK 47	6
11	330	82.42	1.20	EKA 47	6
11	310	77.21	1.30	EKF 47	6
13	270	68.22	1.45	EKAF47	6
12	305	119.63	1.30		
13	280	110.20	1.45		
15	240	94.68	1.65	EK 47	4
17	210	82.42	1.90	EKA 47	4
18	196	77.21	2.0	EKF 47	4
20	173	68.22	2.3	EKAF47	4
22	161	63.36	2.5		
14	250	98.31	0.80		
17	215	84.12	0.95		
19	185	72.91	1.10		
20	173	68.15	1.15		
24	150	58.91	1.35		
28	127	50.05	1.55		
31	114	44.69	1.75		
36	97	38.17	2.1		
39	91	35.75	2.2		
46	77	30.12	2.6		
48	74	28.98	2.7		
55	64	25.12	3.1	EK 37	4
59	60	23.48	3.3	EKA 37	4
69	52	20.29	3.6	EKF 37	4
81	44	17.24	4.1	EKAF37	4
90	39	15.39	4.5		
106	33	13.15	4.9		
122	29	11.38	5.5		
141	25	9.83	6.4		
166	21	8.36	7.5		
186	19	7.46	8.2		
218	16	6.37	9.3		
233	15	5.97	9.6		
276	13	5.03	11		
373	9.5	3.73	13		

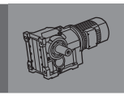
0.55kW

输出转速 Output speed (r/min)	输出转矩 Output torque (Nm)	传动比 Ratio (i)	使用系数 Service factor (f_B)	机型号 Type	电机极数 Motor pole
0.08	54900	16845	0.90		
0.10	45800	14068	1.10		
0.11	42900	13181	1.15	EK 187ER97	4
0.13	33900	10417	1.45	EKA187ER97	4
0.15	30700	9409	1.65		
0.19	23900	7327	2.1		
0.12	37800	11614	0.85		
0.14	33000	10118	0.95		
0.16	27700	8505	1.15		
0.21	21400	6568	1.50	EK 167ER97	4
0.26	17100	5254	1.85	EKA167ER97	4
0.29	15800	4843	2.0		
0.34	13300	4069	2.4		



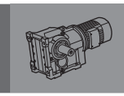
输出转速 Output speed (r/min)	输出转矩 Output torque (Nm)	传动比 Ratio (i)	使用系数 Service factor (f_B)	机型号 Type	电机极数 Motor pole
0.55kW					
0.20	22100	6783	0.80		
0.23	19400	5964	0.95	EK 157ER97	4
0.30	14900	4580	1.20	EKA 157ER97	4
0.35	12900	3971	1.40	EKF 157ER97	4
0.39	11500	3533	1.55	EKAF157ER97	4
0.46	9910	3041	1.80		
0.31	14500	4450	0.90		
0.36	12700	3893	1.00	EK 127ER77	4
0.42	10800	3304	1.20	EKA 127ER77	4
0.46	9780	3002	1.35	EKF 127ER77	4
0.53	8510	2613	1.55	EKAF127ER77	4
0.74	6130	1880	2.1		
0.80	5640	1731	2.3	EK 127ER77	4
0.92	4940	1515	2.6	EKA 127ER77	4
1.0	4450	1365	2.9	EKF 127ER77	4
1.2	3900	1198	3.3	EKAF127ER77	4
1.3	3390	1041	3.8		
0.47	9720	2984	0.80	EK 107ER77	4
0.53	8550	2625	0.95	EKA 107ER77	4
0.61	7460	2290	1.05	EKF 107ER77	4
0.71	6340	1946	1.25	EKAF107ER77	4
0.82	5520	1693	1.45		
0.91	4970	1525	1.60		
1.0	4360	1338	1.85		
1.2	3850	1181	2.1	EK 107ER77	4
1.3	3410	1047	2.3	EKA 107ER77	4
1.5	2930	899	2.7	EKF 107ER77	4
1.8	2580	792	3.1	EKAF107ER77	4
2.0	2250	691	3.6		
2.2	2040	627	3.9		
0.98	4640	1425	0.95		
1.1	4090	1254	1.05		
1.3	3580	1099	1.20		
1.5	3120	958	1.40		
1.6	2810	861	1.55		
1.9	2440	748	1.75	EK 97ER57	4
2.1	2140	656	2.0	EKA 97ER57	4
2.4	1880	577	2.3	EKF 97ER57	4
2.8	1650	505	2.6	EKAF97ER57	4
3.2	1420	437	3.0		
3.6	1260	388	3.4		
4.1	1120	343	3.8		
4.5	1000	306	4.3		
1.5	3080	946	0.90		
1.7	2730	838	1.00		
1.9	2350	722	1.15		
2.2	2060	633	1.30		
2.5	1830	562	1.45		
2.9	1540	474	1.75	EK 87ER57	4
3.2	1390	428	1.95	EKA 87ER57	4
3.7	1230	377	2.2	EKF 87ER57	4
4.2	1070	329	2.5	EKAF87ER57	4
4.7	960	296	2.8		
5.6	800	247	3.4		
5.8	775	238	3.5		
6.9	660	202	4.1		
2.9	1590	487	1.00		
3.2	1400	429	1.10		
3.8	1200	369	1.30		
4.2	1070	329	1.45	EK 77ER37	4
4.8	950	292	1.65	EKA 77ER37	4
5.6	810	250	1.90	EKF 77ER37	4
6.3	720	221	2.2	EKAF77ER37	4
7.1	640	197	2.4		
7.9	575	177	2.7		
8.9	510	156	3.0		

输出转速 Output speed (r/min)	输出转矩 Output torque (Nm)	传动比 Ratio (i)	使用系数 Service factor (f_B)	机型号 Type	电机极数 Motor pole
0.55kW					
5.0	910	278	0.90		
5.7	800	246	1.00		
6.3	715	219	1.15	EK 67ER37	4
7.4	615	189	1.35	EKA 67ER37	4
8.4	540	166	1.50	EKF 67ER37	4
9.7	465	143	1.75	EKAF67ER37	4
11	395	122	2.1		
7.1	635	195	0.95		
8.2	550	169	1.10	EK 57ER37	4
9.5	480	147	1.25	EKA 57ER37	4
11	425	131	1.40	EKF 57ER37	4
12	365	112	1.65	EKAF57ER37	4
14	315	96	1.90		
3.9	1350	171.71	2.0	EK 87	8
4.1	1270	162.00	2.1	EKA 87	8
4.6	1140	145.23	2.4	EKF 87	8
				EKAF87	8
5.2	1020	171.71	2.6	EK 87	6
5.5	960	162.00	2.8	EKA 87	6
6.1	860	145.23	3.1	EKF 87	6
				EKAF87	6
4.5	1160	147.83	1.35		
4.8	1090	139.13	1.40	EK 77	8
5.4	970	124.09	1.60	EKA 77	8
6.3	830	106.05	1.85	EKF 77	8
7.0	755	96.25	2.1	EKAF77	8
6.0	880	147.83	1.75	EK 77	6
6.4	830	139.13	1.90	EKA 77	6
7.1	735	124.09	2.1	EKF 77	6
8.3	630	106.05	2.5	EKAF77	6
9.4	560	147.83	2.8		
10	525	139.13	2.9	EK 77	4
11	470	124.09	3.3	EKA 77	4
13	400	106.05	3.9	EKF 77	4
14	365	96.25	4.3	EKAF77	4
6.9	760	128.12	1.10		
7.9	665	112.03	1.25	EK 67	6
8.4	625	105.19	1.30	EKA 67	6
9.5	555	93.38	1.50	EKF 67	6
11	470	79.20	1.75	EKAF67	6
12	425	112.03	1.95		
13	395	105.19	2.1	EK 67	4
15	355	93.38	2.3	EKA 67	4
18	300	79.20	2.7	EKF 67	4
19	270	71.50	3.0	EKAF67	4
8.0	655	110.33	0.90		
8.5	615	103.59	1.00		
9.6	545	91.96	1.10	EK 57	6
11	465	78.00	1.30	EKA 57	6
13	420	70.42	1.45	EKF 57	6
14	370	61.95	1.65	EKAF57	6
15	345	58.50	1.75		
13	415	110.33	1.45		
13	390	103.59	1.55		
15	345	91.96	1.75	EK 57	4
18	295	78.00	2.0	EKA 57	4
20	265	70.42	2.3	EKF 57	4
22	235	61.95	2.6	EKAF57	4
24	220	58.50	2.7		



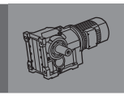
输出转速 Output speed (r/min)	输出转矩 Output torque (Nm)	传动比 Ratio (i)	使用系数 Service factor (f_B)	机型号 Type	电机极数 Motor pole
0.55kW					
17	310	82.42	1.30		
18	290	77.21	1.35		
20	260	68.22	1.55	EK 47	4
22	240	63.36	1.65	EKA 47	4
24	215	57.42	1.85	EKF 47	4
27	195	51.56	2.1	EKAF47	4
31	168	44.41	2.4		
24	225	58.91	0.90		
28	189	50.05	1.05		
31	169	44.69	1.20		
36	144	38.17	1.40		
39	135	35.75	1.50		
46	114	30.12	1.75		
55	95	25.12	2.1		
59	89	23.48	2.2		
69	77	20.29	2.4		
81	65	17.24	2.8	EK 37	4
90	58	15.39	3.0	EKA 37	4
106	50	13.15	3.3	EKF 37	4
122	43	11.38	3.7	EKAF37	4
141	37	9.83	4.3		
166	32	8.36	5.1		
186	28	7.46	5.5		
218	24	6.37	6.2		
233	23	5.97	6.4		
276	19	5.03	7.4		
373	14	3.73	8.9		
0.75kW					
0.11	58900	13181	0.85		
0.13	46500	10417	1.05		
0.15	42000	9409	1.20	EK 187ER97	4
0.19	32700	7327	1.55	EKA187ER97	4
0.21	30100	6734	1.65		
0.23	26700	5980	1.85		
0.16	38000	8505	0.85		
0.21	29300	6568	1.10		
0.26	23500	5254	1.35	EK 167ER97	4
0.29	21600	4843	1.50	EKA167ER97	4
0.34	18200	4069	1.75		
0.41	15000	3369	2.1		
0.35	17700	3971	1.00		
0.39	15800	3533	1.15		
0.46	13600	3041	1.35	EK 157ER97	4
0.53	11700	2608	1.55	EKA 157ER97	4
0.60	10400	2335	1.75	EKF 157ER97	4
0.69	9040	2024	2.0	EKAF157ER97	4
0.77	8060	1805	2.2		
0.84	7360	1648	2.4	EK 157ER97	4
1.0	6010	1346	3.0	EKA 157ER97	4
				EKF 157ER97	4
				EKAF157ER97	4
0.42	14800	3304	0.90	EK 127ER77	4
0.46	13400	3002	0.95	EKA 127ER77	4
0.53	11700	2613	1.10	EKF 127ER77	4
0.61	10200	2294	1.25	EKAF127ER77	4
0.74	8400	1880	1.55		
0.80	7730	1731	1.70		
0.92	6770	1515	1.90	EK 127ER77	4
1.0	6100	1365	2.1	EKA 127ER77	4
1.2	5350	1198	2.4	EKF 127ER77	4
1.3	4650	1041	2.8	EKAF127ER77	4
1.6	3970	889	3.3		

输出转速 Output speed (r/min)	输出转矩 Output torque (Nm)	传动比 Ratio (i)	使用系数 Service factor (f_B)	机型号 Type	电机极数 Motor pole
0.75kW					
0.82	7560	1693	1.05		
0.91	6810	1525	1.15		
1.0	5980	1338	1.35		
1.2	5280	1181	1.50	EK 107ER77	4
1.3	4680	1047	1.70	EKA 107ER77	4
1.5	4020	899	2.0	EKF 107ER77	4
1.8	3540	792	2.3	EKAF107ER77	4
2.0	3090	691	2.6		
2.2	2800	627	2.9		
1.3	4910	1099	0.90		
1.5	4280	958	1.00		
1.6	3850	861	1.10		
1.9	3340	748	1.30		
2.1	2930	656	1.45		
2.4	2580	577	1.65	EK 97ER57	4
2.8	2260	505	1.90	EKA 97ER57	4
3.2	1950	437	2.2	EKF 97ER57	4
3.6	1730	388	2.5	EKAF97ER57	4
4.1	1530	343	2.8		
4.5	1370	306	3.1		
5.3	1160	260	3.7		
6.0	1030	231	4.2		
7.0	890	200	4.8		
1.9	3230	722	0.85		
2.2	2830	633	0.95		
2.5	2510	562	1.10		
2.9	2120	474	1.30		
3.2	1910	428	1.40	EK 87ER57	4
3.7	1680	377	1.60	EKA 87ER57	4
4.2	1470	329	1.85	EKF 87ER57	4
4.7	1320	296	2.0	EKAF87ER57	4
5.6	1100	247	2.4		
5.8	1060	238	2.5		
6.9	900	202	3.0		
3.8	1650	369	0.95		
4.2	1470	329	1.05	EK 77ER37	4
4.8	1300	292	1.20	EKA 77ER37	4
5.6	1120	250	1.40	EKF 77ER37	4
6.3	990	221	1.55	EKAF77ER37	4
3.7	1950	185.35	2.2	EK 97	8
4.2	1700	161.31	2.5	EKA 97	8
4.6	1560	147.69	2.8	EKF 97	8
5.2	1370	130.48	3.1	EKAF97	8
4.7	1530	145.23	1.75	EK 87	8
5.4	1320	125.10	2.0	EKA 87	8
6.0	1200	114.17	2.2	EKF 87	8
6.7	1070	101.25	2.5	EKAF87	8
5.3	1350	171.71	2.0	EK 87	6
5.6	1270	162.00	2.1	EKA 87	6
6.3	1140	145.23	2.4	EKF 87	6
7.3	980	125.10	2.7	EKAF87	6
8.1	880	171.71	3.1	EK 87	4
8.6	830	162.00	3.2	EKA 87	4
9.6	750	145.23	3.6	EKF 87	4
				EKAF87	4
6.2	1160	147.83	1.35		
6.5	1090	139.13	1.40	EK 77	6
7.3	980	124.09	1.60	EKA 77	6
8.6	830	106.05	1.85	EKF 77	6
9.5	755	96.25	2.0	EKAF77	6
11	670	85.31	2.3		



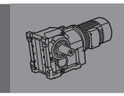
输出转速 Output speed (r/min)	输出转矩 Output torque (Nm)	传动比 Ratio (i)	使用系数 Service factor (f_B)	机型号 Type	电机极数 Motor pole
0.75kW					
9.4	760	147.83	2.0		
10	715	139.13	2.2	EK 77	4
11	640	124.09	2.4	EKA 77	4
13	545	106.05	2.8	EKF 77	4
14	495	96.25	3.1	EKAF77	4
12	575	112.03	1.40		
13	540	105.19	1.50		
15	480	93.38	1.70	EK 67	4
18	410	79.20	2.0	EKA 67	4
19	370	71.50	2.2	EKF 67	4
22	325	62.91	2.5	EKAF67	4
23	305	59.40	2.7		
11	650	126.18	0.90		
13	570	110.33	1.05		
13	535	103.59	1.10		
15	475	91.96	1.25	EK 57	4
18	400	78.00	1.50	EKA 57	4
20	365	70.42	1.65	EKF 57	4
22	320	61.95	1.90	EKAF57	4
24	300	58.50	2.0		
28	255	49.81	2.3		
31	235	45.27	2.6		
18	400	77.21	1.00		
20	350	68.22	1.15		
22	325	63.36	1.25		
24	295	57.42	1.35	EK 47	4
27	265	51.56	1.50	EKA 47	4
31	230	44.41	1.75	EKF 47	4
33	215	41.76	1.85	EKAF47	4
39	185	35.93	2.2		
43	165	32.11	2.4		
49	146	28.39	2.7		
31	230	44.69	0.85		
36	197	38.17	1.00		
39	184	35.75	1.10		
46	155	30.12	1.30		
55	129	25.12	1.55		
59	121	23.48	1.60		
69	105	20.29	1.75		
81	89	17.24	2.0	EK 37	4
90	79	15.39	2.2	EKA 37	4
106	68	13.15	2.4	EKF 37	4
122	59	11.38	2.7	EKAF37	4
141	51	9.83	3.2		
166	43	8.36	3.7		
186	38	7.46	4.0		
218	33	6.37	4.6		
233	31	5.97	4.7		
276	26	5.03	5.4		
373	19	3.73	6.5		
1.1kW					
0.15	61300	9409	0.80		
0.17	52200	8011	0.95		
0.19	47800	7327	1.05		
0.21	43900	6734	1.15	EK 187ER97	4
0.23	39000	5980	1.30	EKA187ER97	4
0.26	34800	5346	1.45		
0.29	31300	4807	1.60		
0.32	28400	4361	1.75		

输出转速 Output speed (r/min)	输出转矩 Output torque (Nm)	传动比 Ratio (i)	使用系数 Service factor (f_B)	机型号 Type	电机极数 Motor pole
1.1kW					
0.27	34300	5254	0.95		
0.29	31600	4843	1.00		
0.34	26500	4069	1.20	EK 167ER97	4
0.42	22000	3369	1.45	EKA167ER97	4
0.51	17900	2749	1.80		
0.62	14700	2258	2.2		
0.64	14200	2181	2.3		
0.81	11200	1723	2.8	EK 167ER97	4
1.0	9130	1401	3.5	EKA167ER97	4
1.1	8320	1277	3.8		
0.40	23000	3533	0.80		
0.46	19800	3041	0.90	EK 157ER97	4
0.54	17000	2608	1.05	EKA 157ER97	4
0.60	15200	2335	1.20	EKF 157ER97	4
0.69	13200	2024	1.35	EKAF157ER97	4
0.78	11800	1805	1.55		
0.85	10700	1648	1.70		
1.0	8770	1346	2.1	EK 157ER97	4
1.1	7990	1225	2.3	EKA 157ER97	4
1.3	7150	1097	2.5	EKF 157ER97	4
1.5	6110	938	2.9	EKAF157ER97	4
1.6	5550	851	3.2		
0.74	12300	1880	1.05		
0.81	11300	1731	1.15		
0.92	9880	1515	1.30		
1.0	8900	1365	1.45		
1.2	7810	1198	1.65	EK 127ER77	4
1.3	6790	1041	1.90	EKA 127ER77	4
1.6	5800	889	2.2	EKF 127ER77	4
1.8	5080	780	2.6	EKAF127ER77	4
2.0	4550	698	2.9		
2.3	3980	610	3.3		
2.5	3590	550	3.6		
2.9	3160	484	4.1		
1.2	7700	1181	1.05		
1.3	6830	1047	1.15		
1.6	5860	899	1.35		
1.8	5160	792	1.55		
2.0	4500	691	1.80	EK 107ER77	4
2.2	4090	627	1.95	EKA 107ER77	4
2.7	3380	518	2.4	EKF 107ER77	4
3.1	2970	456	2.7	EKAF107ER77	4
3.5	2640	405	3.0		
3.8	2390	367	3.3		
4.4	2060	316	3.9		
1.9	4880	748	0.90		
2.1	4280	656	1.00		
2.4	3760	577	1.15	EK 97ER57	4
2.8	3290	505	1.30	EKA 97ER57	4
3.2	2850	437	1.50	EKF 97ER57	4
3.6	2530	388	1.70	EKAF97ER57	4
4.1	2240	343	1.90		
3.0	3090	474	0.85		
3.3	2790	428	0.95		
3.7	2460	377	1.10	EK 87ER57	4
4.3	2140	329	1.25	EKA 87ER57	4
4.7	1930	296	1.40	EKF 87ER57	4
5.7	1610	247	1.70	EKAF87ER57	4
5.9	1550	238	1.75		
6.9	1320	202	2.1		



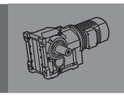
输出转速 Output speed (r/min)	输出转矩 Output torque (Nm)	传动比 Ratio (i)	使用系数 Service factor (f_B)	机型号 Type	电机极数 Motor pole
1.1kW					
3.7	2860	185.35	1.50	EK 97	8
4.2	2490	161.31	1.75	EKA 97	8
4.6	2280	147.69	1.90	EKF 97	8
5.2	2020	130.48	2.1	EKAF97	8
4.9	2140	185.35	2.0	EK 97	6
5.6	1860	161.31	2.3	EKA 97	6
6.2	1700	147.69	2.5	EKF 97	6
7.0	1510	130.48	2.9	EKAF97	6
7.6	1390	185.35	3.1	EK 97	4
8.7	1210	161.31	3.6	EKA 97	4
9.5	1110	147.69	3.9	EKF 97	4
11	980	130.48	4.4	EKAF97	4
5.3	1980	171.71	1.35		
5.6	1870	162.00	1.45	EK 87	6
6.3	1680	145.23	1.60	EKA 87	6
7.3	1440	125.10	1.85	EKF 87	6
8.0	1320	114.17	2.0	EKAF87	6
8.2	1290	171.71	2.1		
8.6	1220	162.00	2.2	EK 87	4
9.6	1090	145.23	2.5	EKA 87	4
11	940	125.10	2.9	EKF 87	4
12	860	114.17	3.2	EKAF87	4
6.5	1610	139.13	0.95	EK 77	6
7.3	1430	124.09	1.10	EKA 77	6
8.6	1220	106.05	1.25	EKF 77	6
9.5	1110	96.25	1.40	EKAF77	6
9.5	1110	147.83	1.40		
10	1040	139.13	1.50		
11	930	124.09	1.65	EK 77	4
13	795	106.05	1.95	EKA 77	4
15	720	96.25	2.1	EKF 77	4
16	640	85.31	2.4	EKAF77	4
17	605	80.85	2.6		
20	530	70.76	2.9		
12	840	112.03	1.00		
13	790	105.19	1.05		
15	700	93.38	1.15		
18	595	79.20	1.40		
20	535	71.50	1.55	EK 67	4
22	470	62.91	1.75	EKA 67	4
24	445	59.40	1.85	EKF 67	4
28	380	50.58	2.2	EKAF67	4
30	345	45.96	2.4		
35	300	39.82	2.7		
38	275	36.93	3.0		
15	690	91.96	0.85		
18	585	78.00	1.05		
20	530	70.42	1.15		
23	465	61.95	1.30		
24	440	58.50	1.35		
28	375	49.81	1.60		
31	340	45.27	1.75		
36	295	39.21	2.0		
38	275	36.37	2.2		
45	230	30.85	2.6		
50	210	27.85	2.9	EK 57	4
57	184	24.50	3.3	EKA 57	4
61	174	23.14	3.5	EKF 57	4
71	148	19.70	3.9	EKAF57	4
78	134	17.90	4.1		
90	116	15.51	4.6		
104	101	13.50	5.0		
110	95	12.72	4.3		
117	90	12.01	4.6		
137	77	10.22	5.3		
151	70	9.29	5.6		
174	60	8.05	6.0		
200	53	7.00	6.6		
280	38	5.00	8.0		

输出转速 Output speed (r/min)	输出转矩 Output torque (Nm)	传动比 Ratio (i)	使用系数 Service factor (f_B)	机型号 Type	电机极数 Motor pole
1.1kW					
24	430	57.42	0.95		
27	385	51.56	1.05		
32	335	44.41	1.20		
34	315	41.76	1.30		
39	270	35.93	1.50	EK 47	4
44	240	32.11	1.65	EKA 47	4
49	215	28.39	1.90	EKF 47	4
53	200	26.60	2.0	EKAF47	4
60	176	23.50	2.3		
64	164	21.83	2.4		
71	148	19.78	2.7		
46	225	30.12	0.90		
56	188	25.12	1.05		
60	176	23.48	1.10		
69	152	20.29	1.20		
81	129	17.24	1.40		
91	115	15.39	1.50		
106	99	13.15	1.65	EK 37	4
123	85	11.38	1.85	EKA 37	4
142	74	9.83	2.2	EKF 37	4
167	63	8.36	2.6	EKAF37	4
188	56	7.46	2.8		
220	48	6.37	3.1		
235	45	5.97	3.2		
278	38	5.03	3.7		
375	28	3.73	4.5		
1.5kW					
0.21	60100	6734	0.85		
0.23	53300	5980	0.95		
0.26	47700	5346	1.05	EK 187ER97	4
0.29	42900	4807	1.15	EKA187ER97	4
0.32	38900	4361	1.30		
0.38	32500	3644	1.55		
0.46	26900	3018	1.85	EK 187ER97	4
0.56	22500	2521	2.2	EKA187ER97	4
0.62	20100	2253	2.5		
0.34	36300	4069	0.90		
0.42	30100	3369	1.05	EK 167ER97	4
0.51	24500	2749	1.30	EKA167ER97	4
0.62	20100	2258	1.60		
0.64	19500	2181	1.65		
0.81	15400	1723	2.1	EK 167ER97	4
1.0	12500	1401	2.6	EKA167ER97	4
1.1	11400	1277	2.8		
0.60	20800	2335	0.85	EK 157ER97	4
0.69	18100	2024	1.00	EKA 157ER97	4
0.78	16100	1805	1.10	EKF 157ER97	4
				EKAF157ER97	4
0.85	14700	1648	1.20		
1.0	12000	1346	1.50		
1.1	10900	1225	1.65	EK 157ER97	4
1.3	9780	1097	1.85	EKA 157ER97	4
1.5	8370	938	2.2	EKF 157ER97	4
1.6	7590	851	2.4	EKAF157ER97	4
2.8	4500	504	4.0		
2.6	4800	538	2.7	EK 127ER87	4
3.0	4150	465	3.1	EKA 127ER87	4
3.4	3670	411	3.5	EKF 127ER87	4
3.7	3360	377	3.9	EKAF127ER87	4



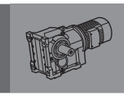
输出转速 Output speed (r/min)	输出转矩 Output torque (Nm)	传动比 Ratio (i)	使用系数 Service factor (f_B)	机型号 Type	电机极数 Motor pole
1.5kW					
0.81	15400	1731	0.85		
0.92	13500	1515	0.95		
1.0	12200	1365	1.05		
1.2	10700	1198	1.20		
1.3	9290	1041	1.40	EK 127ER77	4
1.6	7930	889	1.65	EKA 127ER77	4
1.8	6960	780	1.85	EKF 127ER77	4
2.0	6230	698	2.1	EKAF127ER77	4
2.3	5440	610	2.4		
2.5	4910	550	2.6		
2.9	4320	484	3.0		
3.3	3740	419	3.5		
1.3	9340	1047	0.85		
1.6	8020	899	1.00		
1.8	7060	792	1.15		
2.0	6160	691	1.30	EK 107ER77	4
2.2	5590	627	1.45	EKA 107ER77	4
2.7	4620	518	1.75	EKF 107ER77	4
3.1	4070	456	1.95	EKAF107ER77	4
3.5	3610	405	2.2		
3.8	3270	367	2.4		
4.4	2820	316	2.8		
2.4	5150	577	0.85		
2.8	4500	505	0.95		
3.2	3900	437	1.10		
3.6	3460	388	1.25	EK 97ER57	4
4.1	3060	343	1.40	EKA 97ER57	4
4.6	2730	306	1.60	EKF 97ER57	4
5.4	2320	260	1.85	EKAF97ER57	4
6.1	2060	231	2.1		
7.0	1780	200	2.4		
4.3	2930	329	0.90		
4.7	2640	296	1.00	EK 87ER57	4
5.7	2200	247	1.25	EKA 87ER57	4
5.9	2120	238	1.25	EKF 87ER57	4
6.9	1800	202	1.50	EKAF87ER57	4
7.6	1650	185	1.65		
4.6	3090	149.06	2.6	EK 107	8
5.5	2620	126.20	3.1	EKA 107	8
5.9	2420	116.79	3.3	EKF 107	8
6.6	2170	104.67	3.7	EKAF107	8
3.7	3850	185.35	1.10	EK 97	8
4.3	3350	161.31	1.30	EKA 97	8
4.7	3070	147.69	1.40	EKF 97	8
5.3	2710	130.48	1.60	EKAF97	8
5.0	2890	185.35	1.50	EK 97	6
5.7	2510	161.31	1.70	EKA 97	6
6.2	2300	147.69	1.85	EKF 97	6
7.1	2030	130.48	2.1	EKAF97	6
7.6	1900	185.35	2.3	EK 97	4
8.7	1650	161.31	2.6	EKA 97	4
9.5	1510	147.69	2.8	EKF 97	4
11	1330	130.48	3.2	EKAF97	4
6.3	2260	145.23	1.20	EK 87	6
7.4	1950	125.10	1.40	EKA 87	6
8.1	1780	114.17	1.50	EKF 87	6
9.1	1580	101.25	1.70	EKAF87	6
8.2	1760	171.71	1.55		
8.6	1660	162.00	1.65		
9.6	1490	145.23	1.80	EK 87	4
11	1280	125.10	2.1	EKA 87	4
12	1170	114.17	2.3	EKF 87	4
14	1040	101.25	2.6	EKAF87	4
16	870	85.11	3.1		

输出转速 Output speed (r/min)	输出转矩 Output torque (Nm)	传动比 Ratio (i)	使用系数 Service factor (f_B)	机型号 Type	电机极数 Motor pole
1.5kW					
8.7	1650	106.05	0.95	EK 77	6
9.6	1500	96.25	1.05	EKA 77	6
11	1330	85.31	1.15	EKF 77	6
11	1260	80.85	1.25	EKAF77	6
9.5	1510	147.83	1.00		
10	1420	139.13	1.10		
11	1270	124.09	1.20		
13	1090	106.05	1.45		
15	980	96.25	1.55		
16	870	85.31	1.80	EK 77	4
17	830	80.85	1.85	EKA 77	4
20	725	70.76	2.1	EKF 77	4
22	650	63.75	2.4	EKAF77	4
25	570	55.92	2.7		
28	505	49.35	3.1		
32	450	43.75	3.5		
33	430	41.95	3.5		
37	390	38.07	4.0		
15	960	93.38	0.85		
18	810	79.20	1.00		
20	730	71.50	1.10		
22	645	62.91	1.25		
24	610	59.40	1.35		
28	515	50.58	1.60	EK 67	4
30	470	45.96	1.75	EKA 67	4
35	405	39.82	1.95	EKF 67	4
38	380	36.93	2.2	EKAF67	4
45	320	31.33	2.6		
50	290	28.28	2.8		
56	255	24.88	3.1		
60	240	23.49	3.2		
23	635	61.95	0.95		
24	600	58.50	1.00		
28	510	49.81	1.20		
31	465	45.27	1.30		
36	400	39.21	1.50	EK 57	4
38	370	36.37	1.60	EKA 57	4
45	315	30.85	1.90	EKF 57	4
50	285	27.85	2.1	EKAF57	4
57	250	24.50	2.4		
61	235	23.14	2.5		
71	200	19.70	2.9		
34	425	41.76	0.95		
39	370	35.93	1.10		
44	330	32.11	1.20		
49	290	28.39	1.40		
53	270	26.60	1.45		
60	240	23.50	1.65	EK 47	4
64	225	21.83	1.80	EKA 47	4
71	200	19.78	2.0	EKF 47	4
79	182	17.76	2.2	EKAF47	4
92	157	15.30	2.4		
97	147	14.39	2.6		
113	127	12.38	2.8		
122	117	11.48	2.4		
127	113	11.06	3.1		
60	240	23.48	0.80		
69	210	20.29	0.90		
81	176	17.24	1.00		
91	157	15.39	1.10		
106	135	13.15	1.25		
123	116	11.38	1.35	EK 37	4
142	101	9.83	1.60	EKA 37	4
167	86	8.36	1.85	EKF 37	4
188	76	7.46	2.0	EKAF37	4
220	65	6.37	2.3		
235	61	5.97	2.4		
278	51	5.03	2.7		
375	38	3.73	3.3		



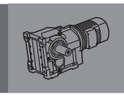
输出转速 Output speed (r/min)	输出转矩 Output torque (Nm)	传动比 Ratio (i)	使用系数 Service factor (f_B)	机型号 Type	电机极数 Motor pole
2.2kW					
0.33	56300	4361	0.90	EK 187ER97	4
0.50	36300	2812	1.40	EKJA187ER97	4
0.39	47100	3644	1.05		
0.47	39000	3018	1.30		
0.56	32600	2521	1.55		
0.63	29100	2253	1.70	EK 187ER97	4
0.69	26700	2068	1.85	EKA187ER97	4
0.77	23700	1837	2.1		
0.87	21000	1623	2.4		
0.52	35500	2749	0.90	EK 167ER97	4
0.63	29200	2258	1.10	EKA167ER97	4
0.65	28200	2181	1.15		
0.82	22300	1723	1.45		
1.0	18100	1401	1.75	EK 167ER97	4
1.1	16500	1277	1.95	EKA167ER97	4
1.3	14100	1092	2.3		
0.86	21300	1648	0.85		
1.1	17400	1346	1.05		
1.2	15800	1225	1.15	EK 157ER97	4
1.3	14200	1097	1.25	EKA 157ER97	4
1.5	12100	938	1.50	EKF 157ER97	4
1.7	11000	851	1.65	EKAF157ER97	4
2.1	8570	663	2.1		
2.6	6950	538	1.85		
3.1	6010	465	2.2	EK 127ER87	4
3.5	5310	411	2.4	EK 127ER87	4
3.8	4870	377	2.7	EK 127ER87	4
4.3	4300	333	3.0	EKAF127ER87	4
1.4	13400	1041	0.95		
1.6	11500	889	1.15		
1.8	10100	780	1.30	EK 127ER77	4
2.0	9020	698	1.45	EKA 127ER77	4
2.3	7880	610	1.65	EKF 127ER77	4
2.6	7110	550	1.85	EKAF127ER77	4
2.9	6250	484	2.1		
3.4	5410	419	2.4		
2.3	8100	627	1.00		
2.7	6690	518	1.20		
3.1	5890	456	1.35	EK 107ER77	4
3.5	5230	405	1.55	EKA 107ER77	4
3.9	4740	367	1.70	EKF 107ER77	4
4.5	4080	316	1.95	EKAF107ER77	4
5.1	3600	279	2.2		
5.6	3260	252	2.5		
3.7	5010	388	0.85		
4.1	4430	343	0.95	EK 97ER57	4
4.6	3950	306	1.10	EKA 97ER57	4
5.5	3360	260	1.30	EKF 97ER57	4
6.1	2980	231	1.45	EKAF97ER57	4
7.1	2580	200	1.65		
4.8	4410	149.06	1.80	EK 107	8
5.6	3730	126.20	2.1	EKA 107	8
6.1	3460	116.79	2.3	EKF 107	8
6.8	3100	104.67	2.6	EKAF107	8
5.1	4140	185.35	1.05		
5.8	3610	161.31	1.20	EK 97	6
6.4	3300	147.69	1.30	EKA 97	6
7.2	2920	130.48	1.45	EKF 97	6
8.5	2470	110.69	1.75	EKAF97	6

输出转速 Output speed (r/min)	输出转矩 Output torque (Nm)	传动比 Ratio (i)	使用系数 Service factor (f_B)	机型号 Type	电机极数 Motor pole
2.2kW					
7.7	2740	185.35	1.55		
8.8	2390	161.31	1.80		
9.6	2180	147.69	1.95	EK 97	4
11	1930	130.48	2.2	EKA 97	4
13	1640	110.69	2.6	EKF 97	4
14	1510	101.92	2.9	EKAF97	4
16	1350	91.09	3.2		
9.8	2150	145.23	1.25		
11	1850	125.10	1.45		
12	1690	114.17	1.60	EK 87	4
14	1500	101.25	1.80	EKA 87	4
17	1260	85.11	2.1	EKF 87	4
18	1160	78.21	2.3	EKAF87	4
20	1030	69.46	2.6		
23	920	62.10	2.9		
11	1840	124.09	0.85		
13	1570	106.05	1.00		
15	1420	96.25	1.10		
17	1260	85.31	1.25		
18	1200	80.85	1.30		
20	1050	70.76	1.50		
22	940	63.75	1.65	EK 77	4
25	830	55.92	1.85	EKA 77	4
29	730	49.35	2.1	EKF 77	4
32	645	43.75	2.4	EKAF77	4
34	620	41.95	2.4		
37	565	38.07	2.8		
42	500	33.74	3.1		
44	475	31.98	3.3		
51	415	27.99	3.7		
56	375	25.22	4.2		
23	930	62.91	0.90		
24	880	59.40	0.95		
28	750	50.58	1.10		
31	680	45.96	1.20		
36	590	39.82	1.35		
38	545	36.93	1.50		
45	465	31.33	1.75		
50	420	28.28	1.95		
57	370	24.88	2.2	EK 67	4
60	350	23.49	2.2	EKA 67	4
71	295	20.00	2.6	EKF 67	4
78	270	18.18	2.8	EKAF67	4
90	235	15.75	3.0		
104	205	13.71	3.3		
114	185	12.48	2.9		
134	157	10.63	3.2		
147	143	9.66	3.4		
170	124	8.37	3.6		
195	108	7.28	3.9		
273	77	5.20	4.5		
31	670	45.27	0.90		
36	580	39.21	1.05		
39	540	36.37	1.10		
46	455	30.85	1.30		
51	410	27.85	1.45		
58	360	24.50	1.65	EK 57	4
61	340	23.14	1.75	EKA 57	4
72	290	19.70	1.95	EKF 57	4
79	265	17.90	2.1	EKAF57	4
92	230	15.51	2.3		
105	200	13.50	2.6		
112	188	12.72	2.2		
118	178	12.01	2.3		
139	151	10.22	2.7		



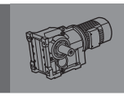
输出转速 Output speed (r/min)	输出转矩 Output torque (Nm)	传动比 Ratio (i)	使用系数 Service factor (f_B)	机型号 Type	电机极数 Motor pole
2.2kW					
44	475	32.11	0.85		
60	350	23.50	1.15		
65	325	21.83	1.25		
72	295	19.78	1.35		
80	265	17.76	1.50	EK 47	4
93	225	15.30	1.70	EKA 47	4
99	215	14.39	1.80	EKF 47	4
115	183	12.38	1.95	EKAF47	4
124	170	11.48	1.65		
128	164	11.06	2.1		
138	152	10.30	1.85		
160	131	8.87	2.1		
108	195	13.15	0.85		
144	145	9.83	1.10		
170	124	8.36	1.30	EK 37	4
190	110	7.46	1.40	EKA 37	4
223	94	6.37	1.60	EKF 37	4
238	88	5.97	1.65	EKAF37	4
282	74	5.03	1.90		
381	55	3.73	2.3		
3kW					
0.50	49600	2812	1.00	EK 187ER97	4
				EKA187ER97	4
0.47	53300	3018	0.95		
0.56	44500	2521	1.10		
0.63	39800	2253	1.25		
0.69	36500	2068	1.35	EK 187ER97	4
0.77	32400	1837	1.55	EKA187ER97	4
0.87	28700	1623	1.75		
1.4	18500	1046	2.7		
0.82	30400	1723	1.05		
1.0	24700	1401	1.30		
1.1	22500	1277	1.40	EK 167ER97	4
1.3	19300	1092	1.65	EKA167ER97	4
1.9	13200	746	2.4		
1.2	21600	1225	0.85		
1.3	19400	1097	0.95		
1.5	16600	938	1.10	EK 157ER97	4
1.7	15000	851	1.20	EKA 157ER97	4
2.1	11700	663	1.55	EKF 157ER97	4
2.5	10000	567	1.80	EKAF157ER97	4
2.8	8900	504	2.0		
2.6	9500	538	1.35		
3.1	8210	465	1.60		
3.5	7260	411	1.80	EK 127ER87	4
3.8	6660	377	1.95	EKA 127ER87	4
4.3	5880	333	2.2	EKF 127ER87	4
4.8	5190	294	2.5	EKAF127ER87	4
5.5	4590	260	2.8		
1.8	13800	780	0.95		
2.0	12300	698	1.05	EK 127ER77	4
2.3	10800	610	1.20	EKA 127ER77	4
2.6	9710	550	1.35	EKF 127ER77	4
2.9	8540	484	1.50	EKAF127ER77	4
3.4	7400	419	1.75		
3.1	8050	456	1.00		
3.5	7150	405	1.10		
3.9	6480	367	1.25		
4.5	5580	316	1.45		
5.1	4930	279	1.60	EK 107ER77	4
5.6	4450	252	1.80	EKA 107ER77	4
6.4	3900	221	2.1	EKF 107ER77	4
7.3	3440	195	2.3	EKAF107ER77	4
8.2	3050	173	2.4		
8.9	2820	160	2.5		
9.8	2560	145	2.8		

输出转速 Output speed (r/min)	输出转矩 Output torque (Nm)	传动比 Ratio (i)	使用系数 Service factor (f_B)	机型号 Type	电机极数 Motor pole
3kW					
5.5	4590	260	0.95	EK 97ER57	4
6.1	4080	231	1.05	EKA 97ER57	4
7.1	3530	200	1.20	EKF 97ER57	4
				EKAF97ER57	4
4.8	6010	149.06	1.35		
5.6	5090	126.20	1.55	EK 107	8
6.1	4710	116.79	1.70	EKA 107	8
6.8	4220	104.67	1.90	EKF 107	8
7.5	3810	94.50	2.1	EKAF107	8
6.4	4450	149.06	1.80		
7.6	3770	126.20	2.1	EK 107	6
8.2	3490	116.79	2.3	EKA 107	6
9.2	3120	104.67	2.6	EKF 107	6
10	2820	94.50	2.8	EKAF107	6
9.5	3010	149.06	2.7	EK 107	4
11	2550	126.20	3.1	EKA 107	4
				EKF 107	4
				EKAF107	4
7.4	3890	130.48	1.10	EK 97	6
8.7	3300	110.69	1.30	EKA 97	6
9.4	3040	101.92	1.40	EKF 97	6
11	2720	91.09	1.60	EKAF97	6
7.7	3740	185.35	1.15		
8.8	3250	161.31	1.30		
9.6	2980	147.69	1.45		
11	2630	130.48	1.65		
13	2230	110.69	1.95	EK 97	4
14	2060	101.92	2.1	EKA 97	4
16	1840	91.09	2.3	EKF 97	4
17	1650	82.01	2.6	EKAF97	4
19	1500	74.26	2.9		
22	1330	65.85	3.2		
24	1200	59.54	3.6		
9.8	2930	145.23	0.90		
11	2520	125.10	1.05		
12	2300	114.17	1.15		
14	2040	101.25	1.30		
17	1720	85.11	1.55	EK 87	4
18	1580	78.21	1.70	EKA 87	4
20	1400	69.46	1.95	EKF 87	4
23	1250	62.10	2.2	EKAF87	4
25	1130	55.83	2.4		
29	980	48.46	2.8		
33	880	43.39	3.0		
39	725	36.00	3.4		
15	1940	96.25	0.80		
17	1720	85.31	0.90		
18	1630	80.85	0.95		
20	1430	70.76	1.10		
22	1290	63.75	1.20		
25	1130	55.92	1.35	EK 77	4
29	1000	49.35	1.55	EKA 77	4
32	880	43.75	1.75	EKF 77	4
34	850	41.95	1.75	EKAF77	4
37	770	38.07	2.0		
42	680	33.74	2.3		
44	645	31.98	2.4		
51	565	27.99	2.7		



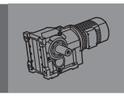
输出转速 Output speed (r/min)	输出转矩 Output torque (Nm)	传动比 Ratio (i)	使用系数 Service factor (f_B)	机型号 Type	电机极数 Motor pole
3kW					
31	930	45.96	0.90		
36	800	39.82	1.00		
38	745	36.93	1.10		
45	630	31.33	1.30		
50	570	28.28	1.45		
57	500	24.88	1.60	EK 67	4
60	475	23.49	1.65	EKA 67	4
71	405	20.00	1.90	EKF 67	4
78	365	18.18	2.0	EKAF67	4
90	320	15.75	2.2		
104	275	13.71	2.4		
114	250	12.48	2.1		
134	215	10.63	2.3		
147	195	9.66	2.5		
46	620	30.85	0.95		
51	560	27.85	1.05		
58	495	24.50	1.20		
61	465	23.14	1.30		
72	395	19.70	1.45		
79	360	17.90	1.55		
92	315	15.51	1.70	EK 57	4
105	270	13.50	1.85	EKA 57	4
112	255	12.72	1.60	EKF 57	4
118	240	12.01	1.70	EKAF57	4
139	205	10.22	1.95		
153	187	9.29	2.1		
176	162	8.05	2.2		
203	141	7.00	2.4		
284	101	5.00	3.0		
72	400	19.78	1.00		
80	360	17.76	1.10		
93	310	15.30	1.25		
99	290	14.39	1.30		
115	250	12.38	1.45		
124	230	11.48	1.20	EK 47	4
128	225	11.06	1.55	EKA 47	4
138	210	10.30	1.35	EKF 47	4
160	179	8.87	1.55	EKAF47	4
170	168	8.35	1.60		
198	145	7.18	1.75		
221	130	6.42	1.85		
259	111	5.48	2.1		
314	91	4.52	2.2		
144	198	9.83	0.80		
170	169	8.36	0.95		
190	150	7.46	1.05	EK 37	4
223	129	6.37	1.15	EKA 37	4
238	120	5.97	1.20	EKF 37	4
282	101	5.03	1.40	EKAF37	4
381	75	3.73	1.65		
4kW					
1.7	19400	834	2.6	EK 187ER107	4
2.8	12100	519	4.1	EKA187ER107	4
0.57	58600	2521	0.85		
0.64	52400	2253	0.95		
0.70	48100	2068	1.05		
0.78	42700	1837	1.15	EK 187ER97	4
0.89	37700	1623	1.35	EKA187ER97	4
1.4	24300	1046	2.1		
1.5	22000	945	2.3		
1.0	32600	1401	1.00		
1.1	29700	1277	1.10		
1.3	25400	1092	1.25	EK 167ER97	4
1.9	17300	746	1.85	EKA167ER97	4
2.3	14700	632	2.2		

输出转速 Output speed (r/min)	输出转矩 Output torque (Nm)	传动比 Ratio (i)	使用系数 Service factor (f_B)	机型号 Type	电机极数 Motor pole
4kW					
1.7	19800	851	0.90		
2.2	15400	663	1.15	EK 157ER97	4
2.5	13200	567	1.35	EKA 157ER97	4
2.9	11700	504	1.55	EKF 157ER97	4
3.3	10100	434	1.80	EKAF157ER97	4
2.7	12500	538	1.05		
3.1	10800	465	1.20		
3.5	9550	411	1.35	EK 127ER87	4
3.8	8760	377	1.50	EKA 127ER87	4
4.3	7740	333	1.70	EKF 127ER87	4
4.9	6830	294	1.90	EKAF127ER87	4
5.5	6040	260	2.2		
2.4	14200	610	0.90	EK 127ER77	4
2.6	12800	550	1.00	EKA 127ER77	4
3.0	11200	484	1.15	EKF 127ER77	4
3.4	9740	419	1.35	EKAF127ER77	4
3.9	8530	367	0.95		
4.6	7340	316	1.10		
5.2	6480	279	1.25		
5.7	5860	252	1.35	EK 107ER77	4
6.5	5140	221	1.55	EKA 107ER77	4
7.4	4530	195	1.75	EKF 107ER77	4
8.3	4020	173	1.80	EKAF107ER77	4
9.0	3720	160	1.95		
9.9	3370	145	2.1		
7.2	4650	200	0.95	EK 97ER57	4
				EKA 97ER57	4
				EKF 97ER57	4
				EKAF97ER57	4
5.1	7530	141.89	1.75	EK 127	8
5.6	6770	127.66	1.90	EKA 127	8
6.3	6090	114.84	2.1	EKF 127	8
				EKAF127	8
6.3	6060	152.25	2.1	EK 127	6
6.8	5650	141.89	2.3	EKA 127	6
7.5	5080	127.66	2.6	EKF 127	6
8.4	4570	114.84	2.8	EKAF127	6
6.2	6200	116.79	1.30	EK 107	8
6.9	5550	104.67	1.45	EKA 107	8
7.6	5010	94.50	1.60	EKF 107	8
8.4	4550	85.83	1.75	EKAF107	8
6.4	5930	149.06	1.35		
7.6	5020	126.20	1.60	EK 107	6
8.2	4650	116.79	1.70	EKA 107	6
9.2	4160	104.67	1.90	EKF 107	6
10	3760	94.50	2.1	EKAF107	6
9.7	3950	149.06	2.0		
11	3350	126.20	2.4		
12	3100	116.79	2.6	EK 107	4
14	2780	104.67	2.9	EKA 107	4
15	2510	94.50	3.2	EKF 107	4
17	2280	85.83	3.5	EKAF107	4
19	2020	76.15	4.0		
8.9	4280	161.31	1.00		
9.8	3920	147.69	1.10		
11	3460	130.48	1.25	EK 97	4
13	2940	110.69	1.45	EKA 97	4
14	2700	101.92	1.60	EKF 97	4
16	2420	91.09	1.80	EKAF97	4
18	2180	82.01	2.0		
19	1970	74.26	2.2		



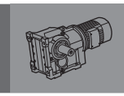
输出转速 Output speed (r/min)	输出转矩 Output torque (Nm)	传动比 Ratio (i)	使用系数 Service factor (f_B)	机型号 Type	电机极数 Motor pole
4kW					
13	3030	114.17	0.90		
14	2690	101.25	1.00		
17	2260	85.11	1.20		
18	2070	78.21	1.30	EK 87	4
21	1840	69.46	1.45	EKA 87	4
23	1650	62.10	1.65	EKF 87	4
26	1480	55.83	1.80	EKAF87	4
30	1290	48.46	2.1		
33	1150	43.39	2.3		
40	950	36.00	2.6		
20	1880	70.76	0.85		
23	1690	63.75	0.90		
26	1480	55.92	1.05		
29	1310	49.35	1.20		
33	1160	43.75	1.35		
34	1110	41.95	1.35	EK 77	4
38	1010	38.07	1.55	EKA 77	4
43	890	33.74	1.75	EKF 77	4
45	850	31.98	1.85	EKAF77	4
51	740	27.99	2.1		
57	670	25.22	2.3		
65	585	22.12	2.6		
74	520	19.52	2.8		
46	830	31.33	1.00		
51	750	28.28	1.10		
58	660	24.88	1.20		
61	625	23.49	1.25		
72	530	20.00	1.45		
79	480	18.18	1.55	EK 67	4
91	420	15.75	1.70	EKA 67	4
105	365	13.71	1.85	EKF 67	4
115	330	12.48	1.60	EKAF67	4
135	280	10.63	1.75		
149	255	9.66	1.85		
172	220	8.37	2.0		
198	193	7.28	2.2		
277	138	5.20	2.5		
59	650	24.50	0.90		
62	615	23.14	1.00		
73	525	19.70	1.10		
80	475	17.90	1.15		
93	410	15.51	1.30		
107	360	13.50	1.40	EK 57	4
113	335	12.72	1.25	EKA 57	4
120	320	12.01	1.30	EKF 57	4
141	270	10.22	1.50	EKAF57	4
155	245	9.29	1.60		
179	215	8.05	1.70		
206	186	7.00	1.85		
288	133	5.00	2.3		
5.5kW					
0.78	58700	1837	0.85		
0.89	51900	1623	0.95		
1.0	44200	1384	1.15		
1.2	38400	1202	1.30	EK 187ER97	4
1.4	33400	1046	1.50	EKA187ER97	4
1.5	30200	945	1.65		
1.9	23600	739	2.1		
2.3	19900	621	2.5		

输出转速 Output speed (r/min)	输出转矩 Output torque (Nm)	传动比 Ratio (i)	使用系数 Service factor (f_B)	机型号 Type	电机极数 Motor pole
5.5kW					
1.3	34900	1092	0.90		
1.5	30000	938	1.05		
1.7	26700	834	1.20		
1.9	23800	746	1.35	EK 167ER97	4
2.3	20200	632	1.60	EKA167ER97	4
2.6	17800	556	1.80		
3.0	15400	481	2.1		
3.4	13500	423	2.4		
2.2	21200	663	0.85		
2.5	18100	567	1.00	EK 157ER97	4
2.9	16100	504	1.10	EKA 157ER97	4
3.3	13900	434	1.30	EKF 157ER97	4
3.8	12100	379	1.50	EKAF157ER97	4
4.3	10800	337	1.65		
3.5	13100	411	1.00		
3.8	12100	377	1.10		
4.3	10600	333	1.20		
4.9	9400	294	1.40	EK 127ER87	4
5.5	8310	260	1.55	EKA 127ER87	4
6.6	7000	219	1.85	EKF 127ER87	4
7.1	6460	202	1.85	EKAF127ER87	4
8.4	5470	171	2.2		
9.5	4830	151	2.5		
6.5	7060	221	1.15		
7.4	6230	195	1.30	EK 107ER77	4
8.3	5530	173	1.30	EKA 107ER77	4
9.0	5110	160	1.40	EKF 107ER77	4
9.9	4640	145	1.55	EKAF107ER77	4
4.8	11000	150.41	1.65	EK 157	8
5.9	8930	122.39	2.0	EKA 157	8
7.2	7310	100.22	2.5	EKF 157	8
7.9	6690	91.65	2.7	EKAF157	8
5.1	10300	141.89	1.25	EK 127	8
5.6	9310	127.66	1.40	EKA 127	8
6.3	8380	114.84	1.55	EKF 127	8
7.7	6830	93.69	1.90	EKAF127	8
6.8	7760	141.89	1.65	EK 127	6
7.5	6980	127.66	1.85	EKA 127	6
8.4	6280	114.84	2.1	EKF 127	6
10	5130	93.69	2.5	EKAF127	6
7.6	6900	126.20	1.15		
8.2	6390	116.79	1.25	EK 107	6
9.2	5730	104.67	1.40	EKA 107	6
10	5170	94.50	1.55	EKF 107	6
11	4700	85.83	1.70	EKAF107	6
9.7	5440	149.06	1.45		
11	4600	126.20	1.75	EK 107	4
12	4260	116.79	1.90	EKA 107	4
14	3820	104.67	2.1	EKF 107	4
15	3450	94.50	2.3	EKAF107	4
17	3130	85.83	2.6		
11	4760	130.48	0.90		
13	4040	110.69	1.05		
14	3720	101.92	1.15		
16	3320	91.09	1.30	EK 97	4
18	2990	82.01	1.45	EKA 97	4
19	2710	74.26	1.60	EKF 97	4
22	2400	65.85	1.80	EKAF97	4
24	2170	59.54	2.0		
29	1840	50.46	2.3		
33	1610	44.08	2.7		



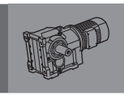
输出转速 Output speed (r/min)	输出转矩 Output torque (Nm)	传动比 Ratio (i)	使用系数 Service factor (f_B)	机型号 Type	电机极数 Motor pole
5.5kW					
17	3100	85.11	0.85		
18	2850	78.21	0.95		
21	2530	69.46	1.05		
23	2260	62.10	1.20	EK 87	4
26	2040	55.83	1.35	EKA 87	4
30	1770	48.46	1.55	EKF 87	4
33	1580	43.39	1.65	EKAF87	4
40	1310	36.00	1.90		
47	1130	30.94	2.4		
52	1000	27.47	2.6		
29	1800	49.35	0.85		
33	1600	43.75	0.95		
43	1230	33.74	1.25		
45	1170	31.98	1.35		
51	1020	27.99	1.50		
57	920	25.22	1.70	EK 77	4
65	810	22.12	1.85	EKA 77	4
74	710	19.52	2.0	EKF 77	4
83	630	17.30	2.2	EKAF77	4
97	540	14.78	2.5		
111	470	12.93	2.1		
127	415	11.34	2.4		
144	365	10.01	2.6		
58	910	24.88	0.90		
61	860	23.49	0.90		
72	730	20.00	1.05		
79	665	18.18	1.10		
91	575	15.75	1.20	EK 67	4
105	500	13.71	1.35	EKA 67	4
115	455	12.48	1.15	EKF 67	4
135	390	10.63	1.30	EKAF67	4
149	350	9.66	1.35		
172	305	8.37	1.45		
198	265	7.28	1.60		
277	190	5.20	1.85		
7.5kW					
1.8	35900	834	1.40		
2.0	31300	728	1.60	EK 187ER107	4
2.4	26700	620	1.85	EKA187ER107	4
1.2	51700	1202	0.95		
1.4	45000	1046	1.10		
1.5	40700	945	1.25	EK 187ER97	4
2.0	31800	739	1.55	EKA187ER97	4
2.4	26700	621	1.85		
2.8	22600	526	2.2		
1.8	35900	834	0.90		
2.0	32100	746	1.00		
2.3	27200	632	1.20		
2.6	23900	556	1.35	EK 167ER97	4
3.0	20700	481	1.55	EKA167ER97	4
3.5	18200	423	1.75		
4.0	15800	368	2.0		
3.4	18700	434	0.95	EK 157ER97	4
3.9	16300	379	1.10	EKA 157ER97	4
4.3	14500	337	1.25	EKF 157ER97	4
5.0	12600	293	1.45	EKAF157ER97	4
4.4	14300	333	0.90		
5.0	12700	294	1.05		
5.6	11200	260	1.15	EK 127ER87	4
6.7	9430	219	1.40	EKA 127ER87	4
7.2	8690	202	1.40	EKF 127ER87	4
8.5	7360	171	1.65	EKAF127ER87	4
9.7	6500	151	1.85		

输出转速 Output speed (r/min)	输出转矩 Output torque (Nm)	传动比 Ratio (i)	使用系数 Service factor (f_B)	机型号 Type	电机极数 Motor pole
7.5kW					
4.4	16400	164.50	1.95	EK 167	8
5.3	13400	134.99	2.4	EKA167	8
5.8	12300	164.50	2.6	EK 167	6
7.1	10100	134.99	3.2	EKA167	6
6.4	11200	150.41	1.60		
7.8	9130	122.39	1.95	EK 157	6
9.6	7480	100.22	2.4	EKA 157	6
10	6840	91.65	2.6	EKF 157	6
12	5950	79.75	3.0	EKAF157	6
6.8	10600	141.89	1.25	EK 127	6
7.5	9520	127.66	1.35	EKA 127	6
8.4	8570	114.84	1.50	EKF 127	6
10	6990	93.69	1.85	EKAF127	6
9.6	7470	152.25	1.75		
10	6960	141.89	1.85		
11	6260	127.66	2.1	EK 127	4
13	5630	114.84	2.3	EKA 127	4
16	4600	93.69	2.8	EKF 127	4
17	4190	85.45	3.1	EKAF127	4
20	3630	73.95	3.6		
9.8	7310	149.06	1.10		
12	6190	126.20	1.30		
13	5730	116.79	1.40		
14	5130	104.67	1.55		
15	4640	94.50	1.75	EK 107	4
17	4210	85.83	1.90	EKA 107	4
19	3740	76.15	2.1	EKF 107	4
21	3390	69.11	2.4	EKAF107	4
25	2910	59.40	2.7		
28	2540	51.85	3.1		
33	2160	43.98	3.4		
38	1890	38.44	3.8		
14	5000	101.92	0.85		
16	4470	91.09	0.95		
18	4020	82.01	1.05		
20	3640	74.26	1.20		
22	3230	65.85	1.35	EK 97	4
25	2920	59.54	1.45	EKA 97	4
29	2480	50.46	1.75	EKF 97	4
33	2160	44.08	2.0	EKAF97	4
36	1980	40.31	2.2		
41	1770	36.03	2.4		
45	1590	32.44	2.7		
24	3050	62.10	0.90		
26	2740	55.83	1.00		
30	2380	48.46	1.15		
34	2130	43.39	1.20		
41	1770	36.00	1.40		
47	1520	30.94	1.80	EK 87	4
53	1350	27.47	1.95	EKA 87	4
59	1200	24.56	2.1	EKF 87	4
66	1080	22.08	2.1	EKAF87	4
76	940	19.17	2.4		
85	840	17.16	2.6		
89	800	16.00	2.3		
103	700	14.24	3.0		
46	1570	31.98	1.00		
52	1370	27.99	1.15		
58	1240	25.22	1.25		
66	1090	22.12	1.40		
75	960	19.52	1.50	EK 77	4
84	850	17.30	1.65	EKA 77	4
99	725	14.78	1.85	EKF 77	4
113	635	12.93	1.60	EKAF77	4
129	555	11.34	1.80		
146	490	10.01	1.90		
165	435	8.87	2.0		
193	370	7.58	2.2		



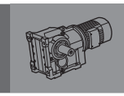
输出转速 Output speed (r/min)	输出转矩 Output torque (Nm)	传动比 Ratio (i)	使用系数 Service factor (f_B)	机型号 Type	电机极数 Motor pole
11kW					
1.8	52700	834	0.95		
2.0	46000	728	1.10		
2.4	39200	620	1.30	EK 187ER107	4
2.8	32800	519	1.55	EKA187ER107	4
3.2	28600	453	1.75		
4.0	22900	363	2.2		
2.0	46700	739	1.05		
2.4	39200	621	1.25	EK 187ER97	4
2.8	33200	526	1.50	EKA187ER97	4
4.6	20000	316	1.60		
5.3	17500	277	1.85		
5.9	15500	246	2.1	EK 167ER107	4
7.0	13300	210	2.4	EKA167ER107	4
7.1	12900	205	2.5		
2.6	35100	556	0.90		
3.0	30400	481	1.05	EK 167ER97	4
3.5	26700	423	1.20	EKA167ER97	4
4.0	23200	368	1.40		
4.3	21300	337	0.85	EK 157ER97	4
5.0	18500	293	0.95	EKA 157ER97	4
				EKF 157ER97	4
				EKAF157ER97	4
6.7	13800	219	0.95	EK 127ER87	4
7.2	12800	202	0.95	EKA 127ER87	4
8.5	10800	171	1.10	EK 127ER87	4
9.7	9540	151	1.25	EKAF127ER87	4
5.4	19400	134.99	1.65	EK 167	8
6.6	15800	109.83	2.0	EKA167	8
5.8	18000	164.50	1.80	EK 167	6
7.1	14800	134.99	2.2	EKA167	6
8.9	11800	164.50	2.7	EK 167	4
11	9710	134.99	3.3	EKA167	4
6.0	17600	122.39	1.00	EK 157	8
7.3	14400	100.22	1.25	EKA 157	8
8.0	13200	91.65	1.35	EKF 157	8
9.2	11500	79.75	1.55	EKAF157	8
6.4	16500	150.41	1.10		
7.8	13400	122.39	1.35	EK 157	6
9.6	11000	100.22	1.65	EKA 157	6
10	10000	91.65	1.80	EKF 157	6
12	8730	79.75	2.1	EKAF157	6
9.7	10800	150.41	1.65	EK 157	4
12	8810	122.39	2.0	EKA 157	4
15	7210	100.22	2.5	EKF 157	4
16	6590	91.65	2.7	EKAF157	4
10	10200	141.89	1.25		
11	9180	127.66	1.40	EK 127	4
13	8260	114.84	1.55	EKA 127	4
16	6740	93.69	1.95	EKF 127	4
17	6150	85.45	2.1	EKAF127	4
20	5320	73.95	2.4		
13	8400	116.79	0.95		
14	7530	104.67	1.05		
15	6800	94.50	1.20		
17	6170	85.83	1.30	EK 107	4
19	5480	76.15	1.45	EKA 107	4
21	4970	69.11	1.60	EKF 107	4
25	4270	59.40	1.85	EKAF107	4
28	3730	51.85	2.1		
33	3160	43.98	2.3		
38	2770	38.44	2.6		

输出转速 Output speed (r/min)	输出转矩 Output torque (Nm)	传动比 Ratio (i)	使用系数 Service factor (f_B)	机型号 Type	电机极数 Motor pole
11kW					
20	5340	74.26	0.80		
22	4740	65.85	0.90		
25	4280	59.54	1.00		
29	3630	50.46	1.20		
33	3170	44.08	1.35	EK 97	4
36	2900	40.31	1.50	EKA 97	4
41	2590	36.03	1.65	EKF 97	4
45	2330	32.44	1.85	EKAF97	4
50	2110	29.37	2.0		
56	1870	26.05	2.3		
62	1690	23.55	2.5		
34	3120	43.39	0.85		
41	2590	36.00	0.95		
47	2230	30.94	1.20		
53	1980	27.47	1.30		
59	1770	24.56	1.40		
66	1590	22.08	1.45		
76	1380	19.17	1.65	EK 87	4
85	1230	17.16	1.80	EKA 87	4
91	1150	16.00	1.55	EKF 87	4
103	1020	14.24	2.0	EKAF87	4
118	890	12.38	2.2		
131	800	11.16	1.85		
146	720	10.00	2.1		
176	595	8.29	2.3		
202	520	7.21	2.5		
58	1810	25.22	0.85		
66	1590	22.12	0.95		
75	1400	19.52	1.05		
84	1240	17.30	1.10	EK 77	4
99	1060	14.78	1.25	EKA 77	4
113	930	12.93	1.05	EKF 77	4
129	820	11.34	1.20	EKAF77	4
146	720	10.01	1.30		
165	640	8.87	1.40		
193	545	7.58	1.50		
15kW					
2.4	53400	620	0.95		
2.8	44700	519	1.10		
3.2	39000	453	1.30	EK 187ER107	4
4.0	31300	363	1.60	EKA187ER107	4
5.5	23000	267	2.2		
4.6	27200	316	1.15		
5.3	23900	277	1.35		
5.9	21200	246	1.50		
7.0	18100	210	1.75	EK 167ER107	4
7.1	17700	205	1.80	EKA167ER107	4
8.3	15100	175	2.1		
9.1	13900	161	2.3		
6.5	19500	226	0.90		
6.8	18500	215	0.95	EK 157ER107	4
7.8	16000	186	1.10	EKA 157ER107	4
9.4	13400	155	1.35	EKF 157ER107	4
12	10400	121	1.75	EKAF157ER107	4
14	9220	107	1.95		
5.4	26600	179.86	1.90	EK 187	6
5.9	24400	165.21	2.0	EKA187	6
7.2	19900	134.99	1.60	EK 167	6
8.8	16200	109.83	1.95	EKA167	6
8.9	16100	164.50	2.0	EK 167	4
11	13200	134.99	2.4	EKA167	4



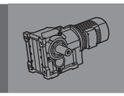
输出转速 Output speed (r/min)	输出转矩 Output torque (Nm)	传动比 Ratio (i)	使用系数 Service factor (f_B)	机型号 Type	电机极数 Motor pole
15kW					
7.9	18100	122.39	1.00		
9.7	14800	100.22	1.20	EK 157	6
11	13500	91.65	1.35	EKA 157	6
12	11800	79.75	1.55	EKF 157	6
14	10400	70.38	1.75	EKAF157	6
9.7	14800	150.41	1.20		
12	12000	122.39	1.50	EK 157	4
15	9830	100.22	1.85	EKA 157	4
16	8990	91.65	2.0	EKF 157	4
18	7820	79.75	2.3	EKAF157	4
10	13900	141.89	0.95		
11	12500	127.66	1.05		
13	11300	114.84	1.15		
16	9190	93.69	1.40	EK 127	4
17	8380	85.45	1.55	EKA 127	4
20	7250	73.95	1.80	EKF 127	4
22	6400	65.25	2.0	EKAF127	4
26	5530	56.35	2.4		
29	4890	49.84	2.7		
35	4110	41.89	3.2		
15	9270	94.50	0.85		
17	8420	85.83	0.95		
19	7470	76.15	1.05		
21	6780	69.11	1.20	EK 107	4
25	5830	59.40	1.35	EKA 107	4
28	5090	51.85	1.55	EKF 107	4
33	4310	43.98	1.70	EKAF107	4
38	3770	38.44	1.90		
43	3330	33.95	2.2		
45	3190	32.50	2.1		
48	2950	30.12	2.4		
29	4950	50.46	0.85		
33	4320	44.08	1.00		
36	3950	40.31	1.10		
41	3530	36.03	1.20		
45	3180	32.44	1.35	EK 97	4
50	2880	29.37	1.50	EKA 97	4
56	2560	26.05	1.70	EKF 97	4
62	2310	23.55	1.85	EKAF97	4
73	1960	19.96	2.2		
84	1710	17.43	2.5		
100	1430	14.58	3.0		
47	3040	30.94	0.90		
53	2690	27.47	0.95		
59	2410	24.56	1.05		
66	2170	22.08	1.05		
76	1880	19.17	1.20		
85	1680	17.16	1.30	EK 87	4
91	1570	16.00	1.15	EKA 87	4
103	1400	14.24	1.50	EKF 87	4
118	1210	12.38	1.65	EKAF87	4
131	1090	11.16	1.35		
146	980	10.00	1.55		
176	810	8.29	1.70		
202	705	7.21	1.85		
18.5kW					
2.8	54800	519	0.90		
3.2	47800	453	1.05		
4.0	38300	363	1.30	EK 187ER107	4
5.5	28200	267	1.75	EKA187ER107	4
6.7	23300	221	2.1		

输出转速 Output speed (r/min)	输出转矩 Output torque (Nm)	传动比 Ratio (i)	使用系数 Service factor (f_B)	机型号 Type	电机极数 Motor pole
18.5kW					
4.7	33400	316	0.95		
5.3	29200	277	1.10		
6.0	26000	246	1.25		
7.0	22200	210	1.45		
7.2	21600	205	1.50	EK 167ER107	4
8.4	18500	175	1.75	EKA167ER107	4
9.1	17000	161	1.90		
12	12800	121	2.5		
14	11200	106	2.9		
7.9	19600	186	0.90	EK 157ER107	4
9.5	16400	155	1.10	EKA 157ER107	4
12	12800	121	1.40	EKF 157ER107	4
14	11300	107	1.60	EKAF157ER107	4
5.4	32800	179.86	1.55		
5.9	30100	165.21	1.65	EK 187	6
6.7	26300	144.59	1.90	EKA187	6
7.5	23600	129.69	2.1		
8.2	21600	179.86	2.3		
8.9	19900	165.21	2.5	EK 187	4
10	17400	144.59	2.9	EKA187	4
11	15600	129.69	3.2		
11	16200	134.99	1.95		
13	13200	109.83	2.4	EK 167	4
17	10600	87.86	3.0	EKA167	4
9.7	18300	100.22	1.00	EK 157	6
11	16700	91.65	1.10	EKA 157	6
12	14500	79.75	1.25	EKF 157	6
14	12800	70.38	1.40	EKAF157	6
12	14700	122.39	1.20		
15	12000	100.22	1.50		
16	11000	91.65	1.65		
18	9580	79.75	1.90	EK 157	4
21	8460	70.38	2.1	EKA 157	4
24	7330	61.02	2.5	EKF 157	4
27	6520	54.29	2.8	EKAF157	4
32	5540	46.06	3.3		
39	4570	38.02	3.9		
13	13800	114.84	0.95		
16	11300	93.69	1.15		
17	10300	85.45	1.25		
20	8890	73.95	1.45		
23	7840	65.25	1.65	EK 127	4
26	6770	56.35	1.90	EKA 127	4
29	5990	49.84	2.2	EKF 127	4
35	5030	41.89	2.6	EKAF127	4
39	4540	37.77	2.9		
45	3930	32.69	3.3		
51	3470	28.84	3.8		
19	9150	76.15	0.85		
21	8310	69.11	0.95		
25	7140	59.40	1.10		
28	6230	51.85	1.25		
33	5290	43.98	1.40		
38	4620	38.44	1.55	EK 107	4
43	4080	33.95	1.75	EKA 107	4
45	3910	32.50	1.75	EKF 107	4
49	3620	30.12	2.0	EKAF107	4
54	3280	27.33	2.2		
63	2820	23.49	2.6		
72	2460	20.51	2.9		
85	2090	17.39	3.4		
97	1830	15.20	3.8		
33	5300	44.08	0.80		
45	3900	32.44	1.10		
50	3530	29.37	1.20		
56	3130	26.05	1.35	EK 97	4
62	2830	23.55	1.50	EKA 97	4
74	2400	19.96	1.80	EKF 97	4
84	2090	17.43	2.1	EKAF97	4
101	1750	14.58	2.5		
116	1520	12.62	2.6		



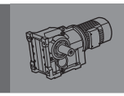
输出转速 Output speed (r/min)	输出转矩 Output torque (Nm)	传动比 Ratio (i)	使用系数 Service factor (f_B)	机型号 Type	电机极数 Motor pole
18.5kW					
60	2950	24.56	0.85		
67	2650	22.08	0.85		
77	2300	19.17	1.00		
86	2060	17.16	1.05	EK 87	4
103	1710	14.24	1.25	EKA 87	4
119	1490	12.38	1.35	EKF 87	4
132	1340	11.16	1.10	EKAF87	4
147	1200	10.00	1.25		
177	1000	8.29	1.40		
204	870	7.21	1.50		
22kW					
3.2	56900	453	0.90		
4.0	45600	363	1.10		
5.5	33500	267	1.50	EK 187ER107	4
6.7	27800	221	1.80	EKA187ER107	4
7.4	24900	198	2.0		
8.7	21200	169	2.4		
5.3	34800	277	0.90		
6.0	30900	246	1.05		
7.0	26400	210	1.20		
7.2	25700	205	1.25	EK 167ER107	4
8.4	22000	175	1.45	EKA167ER107	4
9.1	20200	161	1.60		
12	15200	121	2.1		
14	13300	106	2.4		
9.5	19500	155	0.90	EK 157ER107	4
12	15200	121	1.20	EKA 157ER107	4
14	13400	107	1.35	EKF 157ER107	4
				EKAF157ER107	4
5.4	39000	179.86	1.30		
5.9	35800	165.21	1.40		
6.7	31300	144.59	1.60	EK 187	6
7.5	28100	129.69	1.80	EKA187	6
8.6	24400	112.60	2.1		
8.2	25700	179.86	1.95		
8.9	23600	165.21	2.1	EK 187	4
10	20700	144.59	2.4	EKA187	4
11	18500	129.69	2.7		
11	19300	134.99	1.65		
13	15700	109.83	2.0	EK 167	4
17	12600	87.86	2.5	EKA167	4
19	11200	78.14	2.9		
9.7	21700	100.22	0.85		
11	19800	91.65	0.90	EK 157	6
12	17300	79.75	1.05	EKA 157	6
14	15200	70.38	1.20	EKF 157	6
16	13200	61.02	1.35	EKAF157	6
12	17500	122.39	1.05		
15	14300	100.22	1.25		
16	13100	91.65	1.35		
18	11400	79.75	1.60	EK 157	4
21	10100	70.38	1.80	EKA 157	4
24	8720	61.02	2.1	EKF 157	4
27	7760	54.29	2.3	EKAF157	4
32	6580	46.06	2.7		
39	5430	38.02	3.3		

输出转速 Output speed (r/min)	输出转矩 Output torque (Nm)	传动比 Ratio (i)	使用系数 Service factor (f_B)	机型号 Type	电机极数 Motor pole
22kW					
16	13400	93.69	0.95		
17	12200	85.45	1.05		
20	10600	73.95	1.25		
23	9320	65.25	1.40		
26	8050	56.35	1.60	EK 127	4
29	7120	49.84	1.85	EKA 127	4
35	5990	41.89	2.2	EKF 127	4
39	5400	37.77	2.4	EKAF127	4
45	4670	32.69	2.8		
51	4120	28.84	3.2		
59	3560	24.91	3.7		
67	3150	22.03	4.1		
25	8490	59.40	0.95		
28	7410	51.85	1.05		
33	6290	43.98	1.15		
38	5490	38.44	1.30		
43	4850	33.95	1.50		
45	4640	32.50	1.45		
49	4300	30.12	1.65	EK 107	4
54	3910	27.33	1.85	EKA 107	4
63	3360	23.49	2.1	EKF 107	4
72	2930	20.51	2.5	EKAF107	4
85	2490	17.39	2.8		
97	2170	15.20	3.2		
107	1960	13.68	2.2		
123	1710	11.94	2.5		
145	1450	10.13	2.9		
50	4200	29.37	1.00		
56	3720	26.05	1.15		
62	3370	23.55	1.30		
74	2850	19.96	1.50	EK 97	4
84	2490	17.43	1.75	EKA 97	4
101	2080	14.58	2.1	EKF 97	4
116	1800	12.62	2.2	EKAF97	4
130	1610	11.27	1.80		
149	1410	9.84	2.0		
179	1180	8.23	2.3		
77	2740	19.17	0.85		
86	2450	17.16	0.90		
103	2040	14.24	1.05	EK 87	4
119	1770	12.38	1.15	EKA 87	4
132	1590	11.16	0.95	EKF 87	4
147	1430	10.00	1.05	EKAF87	4
177	1180	8.29	1.20		
204	1030	7.21	1.25		
30kW					
5.5	45400	267	1.10		
6.7	37600	221	1.35	EK 187ER107	4
7.5	33700	198	1.50	EKA187ER107	4
8.8	28800	169	1.75		
7.0	35700	210	0.90		
7.2	34900	205	0.90		
8.5	29800	175	1.05	EK 167ER107	4
9.2	27400	161	1.15	EKA167ER107	4
12	20600	121	1.55		
14	18000	106	1.75		
8.2	34800	179.86	1.45		
9.0	32000	165.21	1.55		
10	28000	144.59	1.80		
11	25100	129.69	2.0	EK 187	4
13	21800	112.60	2.3	EKA187	4
14	19800	102.16	2.5		
17	17000	88.00	2.9		



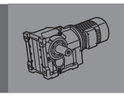
输出转速 Output speed (r/min)	输出转矩 Output torque (Nm)	传动比 Ratio (i)	使用系数 Service factor (f_B)	机型号 Type	电机极数 Motor pole
30kW					
13	21300	109.83	1.50		
17	17000	87.86	1.90		
19	15100	78.14	2.1	EK 167	4
22	13200	68.07	2.4	EKA167	4
24	11800	60.74	2.7		
15	19400	100.22	0.95		
16	17700	91.65	1.00		
19	15400	79.75	1.15		
21	13600	70.38	1.30	EK 157	4
24	11800	61.02	1.50	EKA 157	4
27	10500	54.29	1.70	EKF 157	4
32	8920	46.06	2.0	EKAF157	4
39	7360	38.02	2.4		
47	6060	31.30	3.0		
20	14300	73.95	0.90		
23	12600	65.25	1.05		
26	10900	56.35	1.20		
30	9650	49.84	1.35	EK 127	4
35	8110	41.89	1.60	EKA 127	4
39	7310	37.77	1.80	EKF 127	4
45	6330	32.69	2.1	EKAF127	4
51	5580	28.84	2.3		
59	4820	24.91	2.7		
67	4260	22.03	3.0		
34	8510	43.98	0.85		
39	7440	38.44	0.95		
46	6290	32.50	1.10		
49	5830	30.12	1.25		
54	5290	27.33	1.35		
63	4550	23.49	1.60	EK 107	4
72	3970	20.51	1.80	EKA 107	4
85	3370	17.39	2.1	EKF 107	4
97	2940	15.20	2.3	EKAF107	4
108	2650	13.68	1.60		
124	2310	11.94	1.85		
146	1960	10.13	2.1		
167	1710	8.85	2.4		
57	5040	26.05	0.85		
63	4560	23.55	0.95		
74	3860	19.96	1.10		
85	3370	17.43	1.25	EK 97	4
102	2820	14.58	1.50	EKA 97	4
117	2440	12.62	1.60	EKF 97	4
131	2180	11.27	1.30	EKAF97	4
150	1900	9.84	1.50		
180	1590	8.23	1.65		
208	1380	7.13	1.95		
37kW					
5.5	56000	267	0.90		
6.7	46400	221	1.10	EK 187ER107	4
7.5	41600	198	1.20	EKA187ER107	4
8.8	35500	169	1.40		
8.5	36700	175	0.85		
9.2	33800	161	0.95	EK 167ER107	4
12	25400	121	1.25	EKA167ER107	4
14	22200	106	1.45		
8.2	42900	179.86	1.15		
9.0	39400	165.21	1.25		
10	34500	144.59	1.45		
11	31000	129.69	1.60	EK 187	4
13	26900	112.60	1.85	EKA187	4
14	24400	102.16	2.1		
17	21000	88.00	2.4		

输出转速 Output speed (r/min)	输出转矩 Output torque (Nm)	传动比 Ratio (i)	使用系数 Service factor (f_B)	机型号 Type	电机极数 Motor pole
37kW					
13	26200	109.83	1.20		
17	21000	87.86	1.55		
19	18700	78.14	1.70	EK 167	4
22	16300	68.07	1.95	EKA167	4
24	14500	60.74	2.2		
29	12400	51.77	2.6		
16	21900	91.65	0.80		
19	19000	79.75	0.95		
21	16800	70.38	1.05	EK 157	4
24	14600	61.02	1.25	EKA 157	4
27	13000	54.29	1.40	EKF 157	4
32	11000	46.06	1.65	EKAF157	4
39	9080	38.02	2.0		
47	7470	31.30	2.4		
23	15600	65.25	0.85		
26	13500	56.35	0.95		
30	11900	49.84	1.10		
35	10000	41.89	1.30		
39	9020	37.77	1.45		
45	7800	32.69	1.65	EK 127	4
51	6880	28.84	1.90	EKA 127	4
59	5950	24.91	2.2	EKF 127	4
67	5260	22.03	2.5	EKAF127	4
80	4420	18.52	2.9		
99	3570	14.96	3.4		
116	3050	12.78	2.8		
138	2560	10.74	3.1		
171	2070	8.68	3.5		
39	9180	38.44	0.80		
46	7760	32.50	0.90		
49	7190	30.12	1.00		
54	6520	27.33	1.10		
63	5610	23.49	1.30		
72	4900	20.51	1.45	EK 107	4
85	4150	17.39	1.70	EKA 107	4
97	3630	15.20	1.90	EKF 107	4
108	3270	13.68	1.30	EKAF107	4
124	2850	11.94	1.50		
146	2420	10.13	1.75		
167	2110	8.85	1.95		
198	1790	7.49	2.0		
45kW					
6.7	56400	221	0.90		
7.5	50500	198	1.00	EK 187ER107	4
8.8	43100	169	1.15	EKA187ER107	4
12	30900	121	1.05	EK 167ER107	4
14	27100	106	1.20	EKA167ER107	4
8.2	52200	179.86	0.95		
9.0	48000	165.21	1.05		
10	42000	144.59	1.20		
11	37700	129.69	1.35	EK 187	4
13	32700	112.60	1.55	EKA187	4
14	29700	102.16	1.70		
17	25600	88.00	1.95		
20	21500	73.96	2.3		



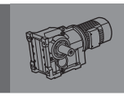
输出转速 Output speed (r/min)	输出转矩 Output torque (Nm)	传动比 Ratio (i)	使用系数 Service factor (f_B)	机型号 Type	电机极数 Motor pole
45kW					
13	31900	109.83	1.00		
17	25500	87.86	1.25		
19	22700	78.14	1.40		
22	19800	68.07	1.60	EK 167	4
24	17600	60.74	1.80	EKA167	4
29	15000	51.77	2.1		
35	12500	42.89	2.6		
21	20400	70.38	0.90		
24	17700	61.02	1.00		
27	15800	54.29	1.15		
32	13400	46.06	1.35	EK 157	4
39	11000	38.02	1.65	EKA 157	4
47	9090	31.30	2.0	EKF 157	4
54	8020	27.62	2.2	EKAF157	4
62	6950	23.95	2.6		
69	6190	21.31	2.9		
82	5250	18.08	3.4		
30	14500	49.84	0.90		
35	12200	41.89	1.05		
39	11000	37.77	1.20		
45	9490	32.69	1.35		
51	8370	28.84	1.55	EK 127	4
59	7230	24.91	1.80	EKA 127	4
67	6400	22.03	2.0	EKF 127	4
80	5380	18.52	2.4	EKAF127	4
99	4340	14.96	2.8		
116	3710	12.78	2.3		
138	3120	10.74	2.6		
171	2520	8.68	2.9		
49	8750	30.12	0.80		
54	7940	27.33	0.90		
63	6820	23.49	1.05		
72	5950	20.51	1.20		
85	5050	17.39	1.40	EK 107	4
97	4410	15.20	1.55	EKA 107	4
108	3970	13.68	1.10	EKF 107	4
124	3470	11.94	1.25	EKAF107	4
146	2940	10.13	1.40		
167	2570	8.85	1.60		
198	2170	7.49	1.65		
55kW					
10	51300	144.59	0.95		
11	46000	129.69	1.10		
13	40000	112.60	1.25		
14	36300	102.16	1.40	EK 187	4
17	31200	88.00	1.60	EKA187	4
20	26200	73.96	1.90		
23	22700	64.04	2.2		
17	31200	87.86	1.05		
19	27700	78.14	1.15		
22	24200	68.07	1.30		
24	21600	60.74	1.50	EK 167	4
29	18400	51.77	1.75	EKA167	4
35	15200	42.89	2.1		
40	13000	36.61	2.5		

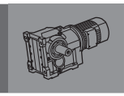
输出转速 Output speed (r/min)	输出转矩 Output torque (Nm)	传动比 Ratio (i)	使用系数 Service factor (f_B)	机型号 Type	电机极数 Motor pole
55kW					
24	21700	61.02	0.85		
27	19300	54.29	0.95		
32	16300	46.06	1.10		
39	13500	38.02	1.35		
47	11100	31.30	1.60	EK 157	4
54	9800	27.62	1.85	EKA 157	4
62	8500	23.95	2.1	EKF 157	4
69	7560	21.31	2.4	EKAF157	4
82	6420	18.08	2.8		
99	5290	14.92	3.4		
117	4490	12.66	3.8		
35	14900	41.89	0.85		
45	11600	32.69	1.10		
51	10200	28.84	1.25		
59	8840	24.91	1.45	EK 127	4
67	7820	22.03	1.65	EKA 127	4
80	6570	18.52	2.0	EKF 127	4
99	5310	14.96	2.3	EKAF127	4
116	4540	12.78	1.90		
138	3810	10.74	2.1		
171	3080	8.68	2.3		
75kW					
11	62800	129.69	0.80		
13	54500	112.60	0.90		
14	49400	102.16	1.00		
17	42600	88.00	1.15	EK 187	4
20	35800	73.96	1.40	EKA187	4
23	31000	64.04	1.60		
28	25800	53.36	1.95		
33	22000	45.50	2.3		
19	37800	78.14	0.85		
22	32900	68.07	0.95		
24	29400	60.74	1.10		
29	25100	51.77	1.30		
35	20800	42.89	1.55	EK 167	4
40	17700	36.61	1.80	EKA167	4
46	15600	32.25	2.1		
51	13900	28.77	2.3		
60	11900	24.52	2.7		
39	18400	38.02	1.00		
47	15100	31.30	1.20		
54	13400	27.62	1.35	EK 157	4
62	11600	23.95	1.55	EKA 157	4
69	10300	21.31	1.75	EKF 157	4
82	8750	18.08	2.1	EKAF157	4
99	7220	14.92	2.5		
117	6130	12.66	2.8		
45	15800	32.69	0.80		
51	14000	28.84	0.95		
59	12100	24.91	1.10		
67	10700	22.03	1.20	EK 127	4
80	8960	18.52	1.45	EKA 127	4
99	7240	14.96	1.65	EKF 127	4
116	6180	12.78	1.40	EKAF127	4
138	5200	10.74	1.55		
171	4200	8.68	1.70		



输出转速 Output speed (r/min)	输出转矩 Output torque (Nm)	传动比 Ratio (i)	使用系数 Service factor (f_B)	机型号 Type	电机极数 Motor pole
90kW					
15	59100	102.16	0.85		
17	50900	88.00	1.00		
20	42800	73.96	1.15		
23	37100	64.04	1.35	EK 187	4
28	30900	53.36	1.60	EKA187	4
33	26300	45.50	1.90		
35	24600	42.51	2.0		
39	22300	38.57	2.2		
22	39400	68.07	0.80		
24	35200	60.74	0.90		
29	30000	51.77	1.05		
35	24800	42.89	1.30		
41	21200	36.61	1.50	EK 167	4
46	18700	32.25	1.70	EKA167	4
52	16600	28.77	1.90		
61	14200	24.52	2.3		
73	11800	20.32	2.7		
86	10000	17.34	3.2		
39	22000	38.02	0.80		
47	18100	31.30	1.00		
54	16000	27.62	1.15	EK 157	4
62	13900	23.95	1.30	EKA 157	4
70	12300	21.31	1.45	EKF 157	4
82	10500	18.08	1.70	EKAF157	4
100	8630	14.92	2.1		
117	7330	12.66	2.3		
60	14400	24.91	0.90		
67	12700	22.03	1.00		
80	10700	18.52	1.20	EK 127	4
99	8660	14.96	1.40	EKA 127	4
116	7400	12.78	1.15	EKF 127	4
138	6220	10.74	1.30	EKAF127	4
171	5020	8.68	1.45		
110kW					
17	62200	88.00	0.80		
20	52300	73.96	0.95		
23	45300	64.04	1.10		
28	37700	53.36	1.30		
33	32200	45.50	1.55	EK 187	4
35	30100	42.51	1.65	EKA187	4
39	27300	38.57	1.85		
45	23500	33.23	2.1		
53	19700	27.92	2.5		
29	36600	51.77	0.85		
35	30300	42.89	1.05		
41	25900	36.61	1.25		
46	22800	32.25	1.40	EK 167	4
52	20300	28.77	1.55	EKA167	4
61	17300	24.52	1.85		
73	14400	20.32	2.2		
86	12300	17.34	2.6		
62	16900	23.95	1.05		
70	15100	21.31	1.20	EK 157	4
82	12800	18.08	1.40	EKA 157	4
100	10600	14.92	1.70	EKF 157	4
117	8950	12.66	1.90	EKAF157	4

输出转速 Output speed (r/min)	输出转矩 Output torque (Nm)	传动比 Ratio (i)	使用系数 Service factor (f_B)	机型号 Type	电机极数 Motor pole
132kW					
20	62800	73.96	0.80		
23	54400	64.04	0.90		
28	45300	53.36	1.10		
33	38600	45.50	1.30		
35	36100	42.51	1.40		
39	32700	38.57	1.55	EK 187	4
45	28200	33.23	1.75	EKA187	4
53	23700	27.92	2.1		
61	20500	24.18	2.3		
74	17100	20.15	2.6		
86	14600	17.18	2.8		
35	36400	42.89	0.90		
41	31100	36.61	1.05		
46	27400	32.25	1.15		
52	24400	28.77	1.30	EK 167	4
61	20800	24.52	1.55	EKA167	4
73	17200	20.32	1.85		
86	14700	17.34	2.2		
62	20300	23.95	0.90		
70	18100	21.31	1.00	EK 157	4
82	15300	18.08	1.15	EKA 157	4
100	12700	14.92	1.10	EKF 157	4
117	10700	12.66	1.60	EKAF157	4
160kW					
28	54900	53.36	0.90		
33	46800	45.50	1.05		
35	43700	42.51	1.15		
39	39700	38.57	1.25		
45	34200	33.23	1.45	EK 187	4
53	28700	27.92	1.75	EKA187	4
61	24900	24.18	1.90		
74	20700	20.15	2.1		
86	17700	17.18	2.3		
41	37700	36.61	0.85		
46	33200	32.25	0.95		
52	29600	28.77	1.10	EK 167	4
61	25200	24.52	1.25	EKA167	4
73	20900	20.32	1.55		
86	17800	17.34	1.80		
82	18600	18.08	0.95	EK 157	4
100	15400	14.92	1.15	EKA 157	4
117	13000	12.66	1.30	EKF 157	4
				EKAF157	4
200kW					
33	58500	45.50	0.85		
35	54700	42.51	0.90		
39	49600	38.57	1.00		
45	42700	33.23	1.15	EK 187	4
53	35900	27.92	1.40	EKA187	4
61	31100	24.18	1.55		
74	25900	20.15	1.70		
86	22100	17.18	1.85		
61	31500	24.52	1.00		
73	26100	20.32	1.20	EK 167	4
86	22300	17.34	1.45	EKA167	4
100	19200	14.92	0.95	EK 157	4
117	16300	12.66	1.05	EKA 157	4
				EKF 157	4
				EKAF157	4





EK系列恒扭矩选型参数表
Constant torque model selection parameter form of EK series

输出转速 Output speed (r/min)	传动比 Ratio (i)	机型号 Type	电机功率 Power (kW)/4P
200Nm			
0.20	6867	EK 37ER17 EKA 37ER17 EKF 37ER17 EKAF37ER17	0.12
0.24	5748		
0.25	5638		
0.29	4824		
0.33	4181		
0.38	3664		
0.43	3233		
0.49	2815		
0.56	2467		
0.64	2177		
0.74	1882		
0.83	1668		
0.94	1474		
1.1	1265		
1.2	1142		
1.4	1001		0.12
1.6	884		
1.8	764		
2.1	675		
2.4	588		
2.7	512		
3.1	454		
3.5	398		
4.0	347		
4.5	306		
5.2	266		0.18
5.9	235		
6.7	206		
7.6	182		
8.6	161		0.25
10	136		
11	128		
13	111		0.37
14	96		
400Nm			
0.14	10192	EK 47ER37 EKA 47ER37 EKF 47ER37 EKAF47ER37	0.12
0.16	8542		
0.18	7741		
0.20	6950		
0.23	6045		
0.27	5212		
0.30	4596		
0.35	3963		
0.40	3460		
0.46	3046		
0.51	2717		
0.59	2368		
0.68	2053		
0.76	1820		
0.86	1610		
0.99	1402		
1.1	1223		0.12
1.3	1109		
1.5	930		
1.7	833		
1.9	715		
2.2	640		

输出转速 Output speed (r/min)	传动比 Ratio (i)	机型号 Type	电机功率 Power (kW)/4P
400Nm			
2.5	553	EK 47ER37 EKA 47ER37 EKF 47ER37 EKAF47ER37	0.18
2.8	494		
3.3	426		
3.7	380		
4.3	325		0.25
4.8	290		
5.4	256		
6.2	225		0.37
7.0	200		
8.2	169		0.55
9.0	155		
11	131		
600Nm			
0.11	12398	EK 57ER37 EKA 57ER37 EKF 57ER37 EKAF57ER37	0.12
0.12	11372		
0.15	9335		
0.16	8708		
0.19	7182		
0.22	6375		
0.25	5626		
0.28	4981		
0.32	4308		
0.37	3804		
0.41	3357		
0.47	2976		
0.54	2586		
0.62	2241		
0.69	2007		
0.81	1721		0.12
0.89	1568		
1.0	1373		
1.2	1196		
1.3	1034		
1.5	913		
1.7	821		0.18
2.0	691		
2.3	613		
2.6	536		0.25
3.0	470		
3.3	419		
3.9	361		0.37
4.4	316		
4.9	282		
5.7	246		0.55
6.5	215		
7.1	195		
8.2	169		0.75
9.5	147		
11	131		1.1
13	112		
15	96		

输出转速 Output speed (r/min)	传动比 Ratio (i)	机型号 Type	电机功率 Power (kW)/4P
820Nm			
0.12	11794	EK 67ER37 EKA 67ER37 EKF 67ER37 EKAF67ER37	0.12
0.13	11074		
0.15	9478		
0.17	8285		
0.19	7292		
0.22	6435		
0.24	5713		
0.29	4845		
0.32	4361		
0.37	3741		
0.41	3369		
0.48	2908		
0.54	2568		
0.61	2275		
0.70	1981		
0.80	1747		0.12
0.91	1529		
1.0	1326		
1.2	1147		
1.3	1050		0.18
1.5	913		
1.7	801		
2.0	701		0.25
2.2	623		
2.6	544		
2.9	472		0.37
3.3	419		
3.8	362		
4.3	321		0.55
5.0	278		
5.7	246		
6.3	219		0.75
7.4	189		
1550Nm			
0.09	15345	EK 77ER37 EKA 77ER37 EKF 77ER37 EKAF77ER37	0.12
0.10	14297		
0.12	11771		
0.14	10249		
0.15	8973		
0.18	7539		
0.21	6625		
0.24	5791		
0.27	5109		
0.31	4508		
0.35	3996		
0.40	3436		
0.48	2903		
0.52	2689		
0.59	2350		0.18
0.68	2048		0.18
0.79	1749		
0.93	1501		
0.99	1399		
1.1	1231		0.25
1.3	1072		
1.5	928		0.37
1.7	808		
2.0	707		

输出转速 Output speed (r/min)	传动比 Ratio (i)	机型号 Type	电机功率 Power (kW)/4P
1550Nm			
2.2	628	EK 77ER37 EKA 77ER37 EKF 77ER37 EKAF77ER37	0.55
2.6	545		
2.9	487		
3.2	429		0.75
3.8	369		
4.3	329		1.1
4.8	292		
5.6	250		
2700Nm			
0.10	14613	EK 87ER57 EKA 87ER57 EKF 87ER57 EKAF87ER57	0.12
0.11	13041		
0.12	11818		
0.14	10180		
0.15	9092		
0.18	7777		
0.20	6920		
0.24	5877		
0.27	5146		
0.30	4564		
0.35	4018		0.18
0.38	3660		
0.44	3131		
0.51	2726		
0.58	2401		0.25
0.66	2111		0.25
0.76	1838		
0.84	1658		0.37
0.98	1422		
1.1	1232		
1.3	1066		0.55
1.5	946		
1.7	838		
1.9	722		0.75
2.2	633		
2.5	562		1.1
3.0	474		
3.3	428		
3.7	377		1.5
4.3	329		
4.7	296		
5.7	247		2.2
6.0	238		
7.0	202		
4300Nm			
0.08	17920	EK 97ER57 EKA 97ER57 EKF 97ER57 EKAF97ER57	0.12
0.08	16644		
0.09	15084		
0.11	13127		
0.12	11716		
0.13	10437		
0.15	9152		
0.17	8023		
0.20	6987		
0.23	6076		0.18
0.25	5458		
0.30	4594		
0.34	4079		

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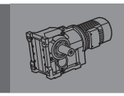
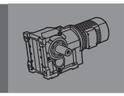


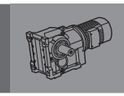
输出转速 Output speed (r/min)	传动比 Ratio (i)	机型号 Type	电机功率 Power (kW)/4P
4300Nm			
0.39 0.45 0.50	3553 3122 2790	EK 97ER57 EKA 97ER57 EKF 97ER57 EKAF97ER57	0.25
0.57 0.64	2457 2162		0.37
0.74 0.85 0.98 1.1	1869 1631 1425 1254		0.55
1.3 1.5	1099 958		0.75
1.6 1.9 2.1	861 748 656		1.1
2.4 2.8	577 505		1.5
3.2 3.7 4.1	437 388 343		2.2
4.6 5.5	306 260		3
6.2 7.2	231 200		4
8000Nm			
0.10 0.12	14094 12046	EK 107ER77 EKA 107ER77 EKF 107ER77 EKAF107ER77	0.12
0.13 0.15 0.16	10688 9502 8437		0.18
0.19 0.23 0.25	7277 6170 5616		0.25
0.27 0.32 0.36	5138 4346 3847		0.37
0.41 0.47 0.53	3354 2984 2625		0.55
0.61 0.71	2290 1946		0.75
0.83 0.92 1.0	1693 1525 1338		1.1
1.2 1.3 1.6	1181 1047 899		1.5
1.8 2.1 2.3	792 691 627		2.2
2.7 3.1	518 456		3
3.6 3.9	405 367		4
4.6 5.2 5.7	316 279 252		5.5

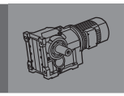
输出转速 Output speed (r/min)	传动比 Ratio (i)	机型号 Type	电机功率 Power (kW)/4P
13000Nm			
0.08 0.09 0.09 0.11	17917 16117 14813 12341	EK 127ER77 EKA 127ER77 EKF 127ER77 EKAF127ER77	0.18
0.13 0.14 0.17	10858 9705 8365		0.25
0.19 0.21	7347 6609		0.37
0.24 0.28 0.31	5814 5031 4450		0.55
0.36 0.42 0.46	3893 3304 3002		0.75
0.54 0.61	2613 2294		1.1
0.74 0.81 0.92	1880 1731 1515		1.5
1.0 1.2 1.4	1365 1198 1041		2.2
1.6 1.8	889 780		3
2.1 2.4 2.6	698 610 550		4
3.0 3.4	484 419		5.5
2.7 3.1 3.5	538 465 411	EK 127ER87 EKA 127ER87 EKF 127ER87 EKAF127ER87	5.5
3.9 4.4	377 333		7.5
5.0 5.6	294 260		11
18000Nm			
0.08 0.09 0.09 0.11 0.12 0.14 0.16 0.18 0.20 0.23	17741 15381 14897 13009 11451 10219 8793 7624 6783 5964	EK 157ER97 EKA 157ER97 EKF 157ER97 EKAF157ER97	0.55
0.28 0.31 0.35 0.40 0.46	5007 4580 3971 3533 3041		1.1
0.54 0.60	2608 2335		1.5



输出转速 Output speed (r/min)	传动比 Ratio (i)	机型号 Type	电机功率 Power (kW)/4P
18000Nm			
0.70 0.79 0.86 1.1	2024 1805 1648 1346	EK 157ER97 EKA 157ER97 EKF 157ER97 EKAF157ER97	2.2
1.2 1.3	1225 1097		3
1.5 1.7	938 851		4
1.9 2.2 2.5	751 663 567		5.5
2.9 3.4	504 434		7.5
3.9 4.3 5.0	379 337 293		11
3.8 4.5 4.9	384 325 299	EK 157ER107 EKA 157ER107 EKF 157ER107 EKAF157ER107	11
5.8 6.5 6.8	251 226 215		15
32000Nm			
0.07 0.08 0.09 0.11 0.12 0.14	19696 17160 14725 13059 11614 10118	EK 167ER97 EKA167ER97	0.55
0.16	8505		0.75
0.21 0.27	6568 5254		1.1
0.29 0.34	4843 4069		1.5
0.42 0.52	3369 2749		2.2
0.63	2258		3
0.65	2181		3
0.84 1.0	1723 1401		4
1.1 1.3	1277 1092		5.5
1.6 1.8 2.0	938 834 746		7.5
2.3 2.6	632 556		11
3.0 3.5 4.0	481 423 368		15
4.7	316	EK 167ER107 EKA167ER107	18.5
5.3 6.0	277 246		22

输出转速 Output speed (r/min)	传动比 Ratio (i)	机型号 Type	电机功率 Power (kW)/4P
32000Nm			
7.0 7.2 8.5	210 205 175	EK 167ER107 EKA167ER107	30
9.2	161		37
12	121		45
50000Nm			
0.04 0.05 0.06 0.07 0.08	33031 26734 24556 18969 16845	EK 187ER97 EKA187ER97	0.55
0.10 0.11	14068 13181		0.75
0.12 0.13 0.15 0.17	11753 10417 9409 8011		1.1
0.19 0.21 0.23	7327 6734 5980		1.5
0.27 0.30 0.33	5346 4807 4361		2.2
0.39 0.47	3644 3018		3
0.57 0.64	2521 2253		4
0.70 0.78 0.89	2068 1837 1623		5.5
1.1 1.2	1384 1202		7.5
1.4 1.5	1046 945		11
2.0 2.4	739 621		15
2.8	526		18.5
1.8	834	EK 187ER107 EKA187ER107	11
2.0 2.4	728 620		15
2.8 3.2	519 453		18.5
4.1	363		30
5.5	267		37
6.7 7.5	221 198		45





EK系列轴输入型选型参数表（n=1400 r/min）

Model selection parameter form of shaft input type of EK series(n=1400 r/min)

传动比 Ratio (i)	输出转速 Output speed (r/min)	许用扭矩 Permissible torque (Nm)	额定功率 Nominal Power Ratings (kW)	机型号 Type	
106.93	13	200	0.30		
98.31	14	200	0.32		
84.12	17	200	0.38		
72.91	19	200	0.44		
68.15	21	200	0.47		
58.91	24	200	0.54		AD1
50.05	28	200	0.64		
44.69	31	200	0.71		
38.17	37	200	0.83		
35.75	39	200	0.89		
30.12	46	200	1.1	EK 37	
28.98	48	200	1.1	EKA 37	
25.12	56	200	1.3	EKF 37	
23.48	60	195	1.3	EKAF37	
20.29	69	185	1.5		
17.24	81	180	1.7		
15.39	91	175	1.8		
13.15	106	165	2.0		
11.38	123	160	2.2		AD2
9.83	142	160	2.6		
8.36	168	160	3.1		
7.46	188	155	3.3		
6.37	220	150	3.8		
5.97	235	145	3.9		
5.03	278	140	4.4		
3.73	375	125	5.3		
119.63	12	400	0.53		
110.20	13	400	0.58		
94.68	15	400	0.67		
82.42	17	400	0.77		
77.21	18	400	0.83		
68.22	21	400	0.93		
63.36	22	400	1.0		
57.42	24	400	1.1		
51.56	27	400	1.2		
44.41	32	400	1.4		
41.76	34	400	1.5		
35.93	39	400	1.8		
32.11	44	400	2.0		
28.39	49	400	2.2		AD2
26.60	53	400	2.4		
23.50	60	400	2.7	EK 47	
21.83	64	400	2.9	EKA 47	
19.78	71	400	3.2	EKF 47	
17.76	79	400	3.6	EKAF47	
15.30	92	380	4.0		
14.39	97	380	4.2		
12.38	113	360	4.6		
11.48	122	280	3.9		
11.06	127	350	5.0		
10.30	136	280	4.3		
8.87	158	280	5.0		
8.35	168	270	5.2		
7.18	195	250	5.5		
6.42	218	240	6.0		AD3
5.48	255	230	6.7		
4.52	310	205	7.2		
147.88	9.5	600	0.65		
126.18	11	600	0.76		
110.33	13	600	0.87		
103.59	14	600	0.92		
91.96	15	600	1.0	EK 57	
78.00	18	600	1.2	EKA 57	
70.42	20	600	1.4	EKF 57	
61.95	23	600	1.5	EKAF57	AD2
58.50	24	600	1.6		

传动比 Ratio (i)	输出转速 Output speed (r/min)	许用扭矩 Permissible torque (Nm)	额定功率 Nominal Power Ratings (kW)	机型号 Type	
49.81	28	600	1.9		
45.27	31	600	2.1		
39.21	36	600	2.4		
36.37	38	600	2.6		
30.85	45	600	3.1		
27.85	50	600	3.4		AD2
24.50	57	600	3.9		
23.14	61	600	4.1		
19.70	71	575	4.7		
17.90	78	555	4.9		
15.51	90	535	5.5	EK 57	
13.50	104	510	6.0	EKA 57	
12.72	110	415	5.2	EKF 57	
12.01	117	415	5.5	EKAF57	
10.22	137	405	6.3		AD3
9.29	151	390	6.7		
8.05	174	365	7.2		
7.00	200	345	7.8		
5.00	280	300	9.6		
150.15	9.3	820	0.87		
128.12	11	820	1.0		
112.03	12	820	1.2		
105.19	13	820	1.2		
93.38	15	820	1.4		
79.20	18	820	1.6		
71.50	20	820	1.8		AD2
62.91	22	820	2.1		
59.40	24	820	2.2		
50.58	28	820	2.6		
45.96	30	820	2.8		
39.82	35	800	3.2		
36.93	38	820	3.5		
31.33	45	820	4.2	EK 67	
28.28	50	820	4.6	EKA 67	
24.88	56	800	5.1	EKF 67	
23.49	60	780	5.3	EKAF67	
20.00	70	760	6.1		
18.18	77	740	6.5		
15.75	89	700	7.1		
13.71	102	670	7.8		AD3
12.48	112	530	6.8		
10.63	132	500	7.5		
9.66	145	480	7.9		
8.37	167	440	8.4		
7.28	192	420	9.2		
5.20	269	350	10.7		
210.00	6.7	1240	0.94		
194.25	7.2	1160	0.95		
168.31	8.3	1550	1.5		
147.83	9.5	1550	1.7		
139.13	10	1550	1.8		
124.09	11	1550	2.0		
106.05	13	1550	2.3		
96.25	15	1550	2.6		AD2
85.31	16	1550	2.9	EK 77	
80.85	17	1550	3.1	EKA 77	
70.76	20	1550	3.5	EKF 77	
63.75	22	1550	3.9	EKAF77	
55.92	25	1550	4.4		
49.35	28	1550	5.0		
43.75	32	1550	5.6		
41.95	33	1490	5.7		AD3
38.07	37	1410	5.9		

传动比 Ratio (i)	输出转速 Output speed (r/min)	许用扭矩 Permissible torque (Nm)	额定功率 Nominal Power Ratings (kW)	机型号 Type	
33.74	41	1550	7.3		
31.98	44	1550	7.7		
27.99	50	1550	8.8		
25.22	56	1550	9.8		
22.12	63	1500	10.8		
19.52	72	1450	11.8	EK 77	
17.30	81	1400	12.9	EKA 77	AD4
14.78	95	1340	14.5	EKF 77	
12.93	108	1000	12.3	EKAF77	
11.34	123	990	13.9		
10.01	140	940	15.0		
8.87	158	890	16.0		
7.58	185	785	16.5		
194.56	7.2	2700	2.2		
171.71	8.2	2700	2.5		
162.00	8.6	2700	2.7		
145.23	9.6	2700	3.0		AD2
125.10	11	2700	3.4		
114.17	12	2700	3.8		
101.25	14	2700	4.2		
85.11	16	2700	5.1		
78.21	18	2700	5.5		
69.46	20	2700	6.2		
62.10	23	2700	6.9		
55.83	25	2700	7.7		AD3
48.46	29	2700	8.9		
43.39	32	2600	9.5		
36.00	39	2500	11.1	EK 87	
30.94	45	2700	13.9	EKA 87	
27.47	51	2600	15.1	EKF 87	
24.56	57	2500	16.2	EKAF87	
22.08	63	2300	16.6		AD4
19.17	73	2300	19		
17.16	82	2200	20		
16.00	88	1800	17.9		
14.24	98	2100	24		
12.38	113	2000	26		
11.16	125	1500	21		AD5
10.00	140	1500	24		
8.29	169	1400	27		
7.21	194	1300	29		
185.35	7.6	4300	3.7		
161.31	8.7	4300	4.2		
147.69	9.5	4300	4.6		
130.48	11	4300	5.3		
110.69	13	4300	6.2		AD3
101.92	14	4300	6.7		
91.09	15	4300	7.5		
82.01	17	4300	8.4		
74.26	19	4300	9.2		
65.85	21	4300	10.4		
59.54	24	4300	11.5		AD4
50.46	28	4300	13.6	EK 97	
44.08	32	4300	15.5	EKA 97	
40.31	35	4300	17.0	EKF 97	
36.03	39	4300	19	EKAF97	
32.44	43	4300	21		
29.37	48	4300	23		AD5
26.05	54	4300	26		
23.55	59	4300	29		
19.96	70	4300	34		
17.43	80	4300	39		
14.58	96	4300	47		AD6
12.62	111	3890	49		

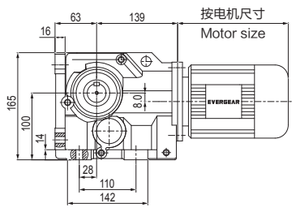
传动比 Ratio (i)	输出转速 Output speed (r/min)	许用扭矩 Permissible torque (Nm)	额定功率 Nominal Power Ratings (kW)	机型号 Type	
11.27	124	2870	41	EK 97	
9.84	142	2660	43	EKA 97	
8.23	170	2660	51	EKF 97	AD6
7.13	196	2660	59	EKAF97	
149.06	9.4	8000	8.6		
126.20	11	8000	10.1		
116.79	12	8000	10.9		
104.67	13	8000	12.2		
94.50	15	8000	13.5		AD4
85.83	16	8000	14.9		
76.15	18	8000	16.7		
69.11	20	8000	18.4		
59.40	24	8000	21		
51.85	27	7840	24		
43.98	32	7360	27	EK 107	
38.44	36	7200	30	EKA 107	AD5
33.95	41	7200	34	EKF 107	
32.50	43	6800	33	EKAF107	
30.12	46	7200	38		
27.33	51	7200	42		
23.49	60	7200	49		
20.51	68	7170	56		
17.39	80	6080	56		
15.20	92	5310	56		AD6
13.68	102	4300	50		
11.94	117	4260	57		
10.13	138	3610	57		
8.85	158	3150	57		
7.49	187	3150	67		
152.25	9.2	13000	13.6		
141.89	9.9	13000	14.6		AD4
127.66	11	13000	16.2		
114.84	12	13000	18.0		
93.69	15	13000	22		
85.45	16	13000	24		AD5
73.95	19	13000	28		
65.25	21	13000	32		
56.35	25	13000	37		
49.84	28	13000	42	EK 127	
41.89	33	13000	49	EKA 127	AD6
37.77	37	13000	55	EKF 127	AD7
32.69	43	13000	63	EKAF127	
28.84	49	13000	72		
24.91	56	13000	83		
22.03	64	13000	94		
18.52	76	13000	112		AD8
14.96	94	12100	129		
12.78	110	8530	106		
10.74	130	8000	119		
8.68	161	7230	133		
150.41	9.3	18000	19		
122.39	11	18000	23		AD5
100.22	14	18000	29		
91.65	15	18000	31	EK 157	
79.75	18	18000	36	EKA 157	
70.38	20	18000	41	EKF 157	AD6
61.02	23	18000	47	EKAF157	
54.29	26	18000	53		
46.06	30	18000	62		
38.02	37	18000	75		AD7

EK

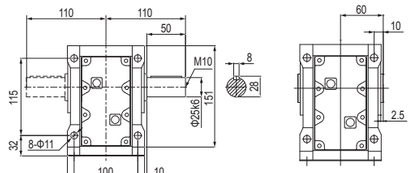
传动比 Ratio (i)	输出转速 Output speed (r/min)	许用扭矩 Permissible torque (Nm)	额定功率 Nominal Power Ratings (kW)	机型号 Type	
31.30	45	17700	90		
27.62	51	16000	92		
23.95	58	18000	120	EK 157	
21.31	66	18000	135	EKA 157	AD8
18.08	77	18000	159	EKF 157	
14.92	94	18000	192	EKAF157	
12.66	111	17000	214		
164.50	8.5	29500	29		
134.99	10	32000	38		AD5
109.83	13	32000	46		AD7
87.86	16	32000	58		
78.14	18	32000	65		
68.07	21	32000	75		
60.74	23	32000	84	EK 167	
51.77	27	32000	98	EKA167	
42.89	33	32000	119		AD8
36.61	38	32000	139		
32.25	43	28100	139		
28.77	49	25100	139		
24.52	57	32000	208		
20.32	69	31000	243		
17.34	81	28100	258		
179.86	7.8	50000	44		
165.21	8.5	50000	48		AD7
144.59	9.7	50000	55		
129.69	11	50000	61		
112.60	12	50000	71		
102.16	14	50000	78		
88.00	16	50000	91		
73.96	19	50000	108		
64.04	22	50000	124		
53.36	26	50000	149	EK 187	
45.50	31	50000	175	EKA187	AD8
42.51	33	40000	150		
38.57	36	40000	165		
33.23	42	46400	223		
27.92	50	43300	247		
24.18	58	39100	258		
20.15	69	32600	258		
17.18	81	32000	297		

传动比 Ratio (i)	输出转速 Output speed (r/min)	许用扭矩 Permissible torque (Nm)	额定功率 Nominal Power Ratings (kW)	机型号 Type

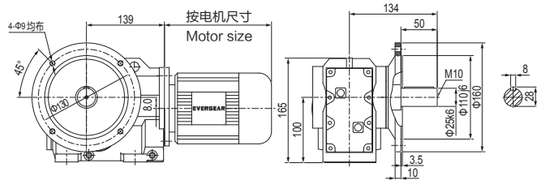
EK37



EKAB37



EKF37



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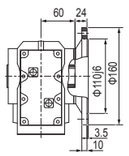
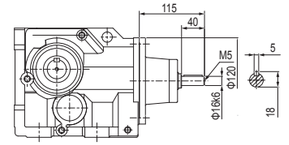
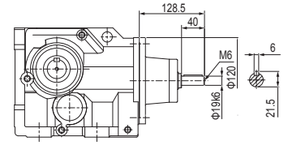


EK..S37

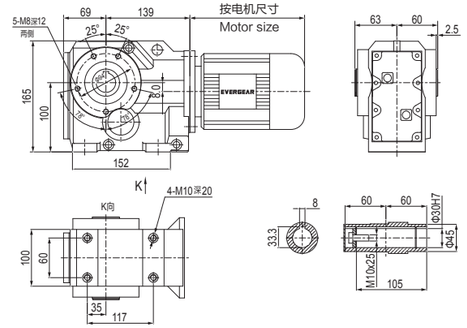
AD1



AD2



EKA37



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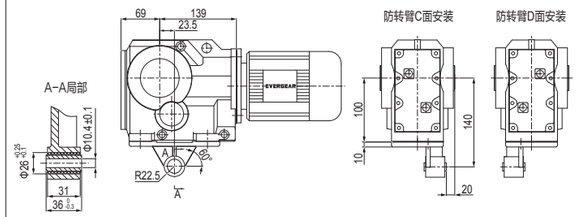

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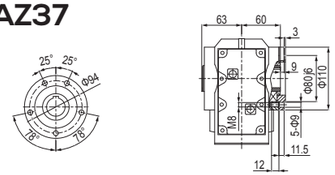
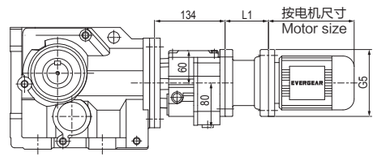
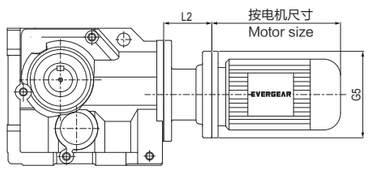


EK..37ER17



Y2电机机座号 Motor size	63	
功率4P Power/(kw)	0.12	0.18
L1	75	
G5	Φ140	

EK..37



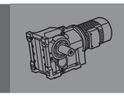
需方自配电机需加联接法兰
Customers provide the motor by themselves need connected flange

Y2电机机座号 Motor size	63		71		80		90		100	
功率4P Power/(kw)	0.12	0.18	0.25	0.37	0.55	0.75	1.1	1.5	2.2	3
L2	75		75		88.5		88.5		95.5	
G5	Φ140		Φ160		Φ200		Φ200		Φ250	

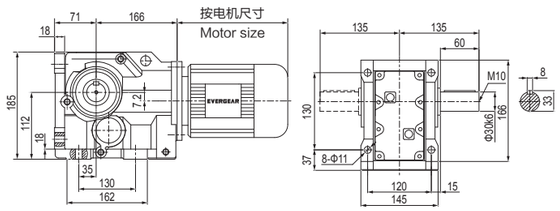
注 Note

1.EKA、EKF、EKAF、EKAZ壳体为通用件，安装尺寸均可互相参照。
2."EK.."表示EK系列所有结构形式。
3.带胀紧盘结构形式，胀紧盘尺寸详见007页。
4.EKA、EKAZ、EKAF、EKAT、EKAB输出轴为通用件，尺寸相同。
5.需方自配电机G5>Φ200时，是否影响正常安装。

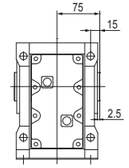
1.The housings of EKA、EKF、EKAF、EKAZ are common parts, The mounting dimensions may consult each other.
2."EK.." mean all mounting type of EK series.
3.With expansion plate mounting type,see P007 for size details of expansion plate.
4.The output shafts of EKA、EKAZ、EKAF、EKAT、EKAB are common parts, dimensions are the same.
5.If the motor provided by purchaser is G5>Φ200,please check if normal installation is influenced.



EK47

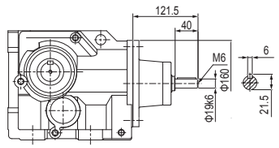


EKAB47

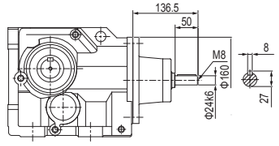


EK..S47

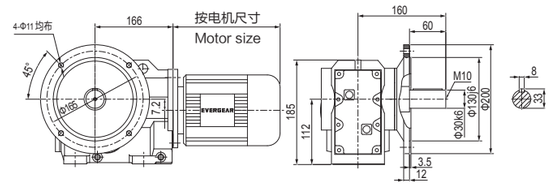
AD2



AD3



EKF47



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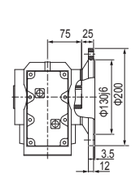

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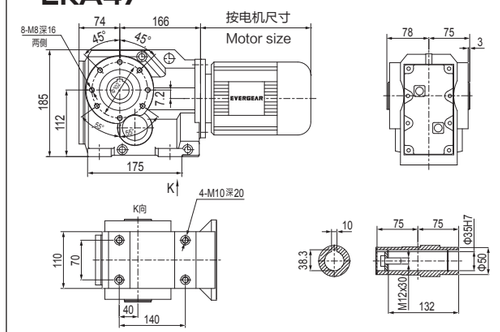
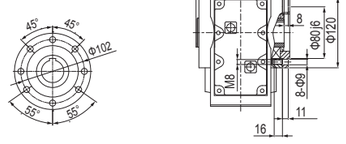
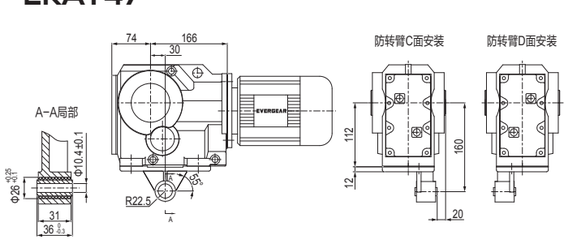


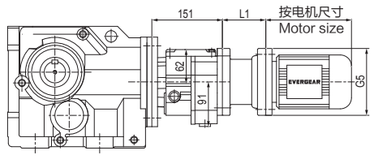
EKAZ47



EKAT47

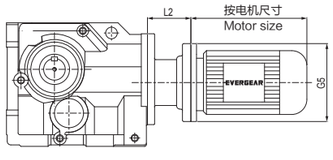


EK..47ER37



Y2电机机座号 Motor size	63	
功率4P Power/(kw)	0.12	0.18
L1	75	
G5	Φ140	

EK..47



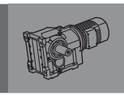
需方自配电机需加联接法兰
Customers provide the motor by themselves need connected flange

Y2电机机座号 Motor size	63		71		80		90		100	
功率4P Power/(kw)	0.12	0.18	0.25	0.37	0.55	0.75	1.1	1.5	2.2	3
L2	68		68		81.5		81.5		88.5	
G5	Φ140		Φ160		Φ200		Φ200		Φ250	

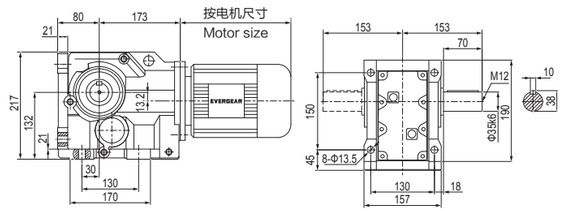
注 Note

1.EKA、EKF、EKAF、EKAZ壳体为通用件，安装尺寸均可互相参照。
2."EK.."表示EK系列所有结构形式。
3.带胀紧盘结构形式，胀紧盘尺寸详见007页。
4.EKA、EKAZ、EKAF、EKAT、EKAB输出轴为通用件，尺寸相同。
5.需方自配电机G5>Φ250时，是否影响正常安装。

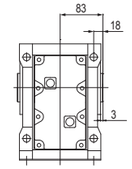
1.The housings of EKA、EKF、EKAF、EKAZ are common parts, The mounting dimensions may consult each other.
2."EK.." mean all mounting type of MTJ series.
3.With expansion plate mounting type,see P007 for size details of expansion plate.
4.The output shafts of EKA、EKAZ、EKAF、EKAT、EKAB are common parts, dimensions are the same.
5.If the motor provided by purchaser is G5>Φ250,please check if normal installation is influenced.



EK57

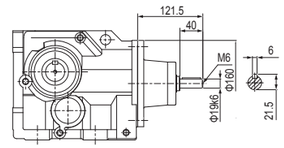


EKAB57

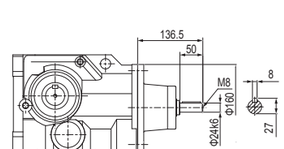


EK..S57

AD2



AD3



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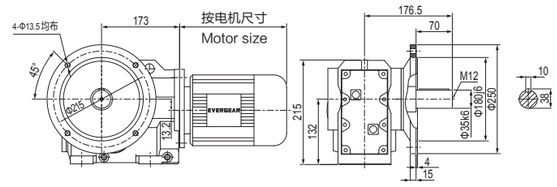

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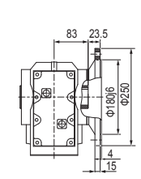
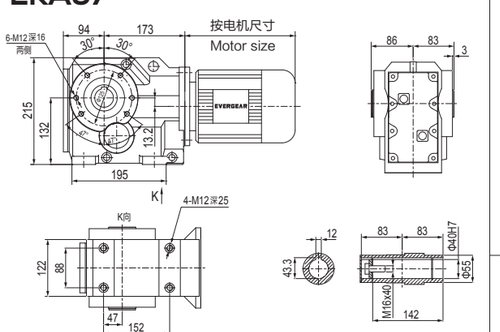
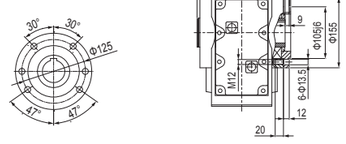


EKA57



EKAZ57



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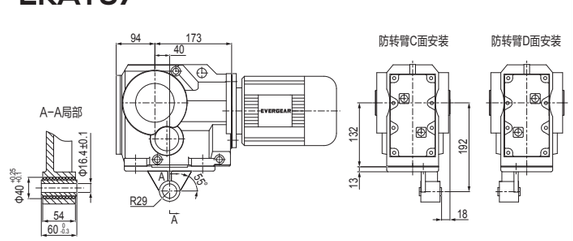
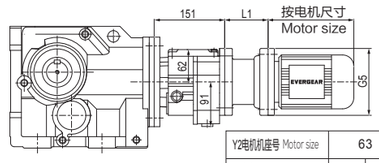
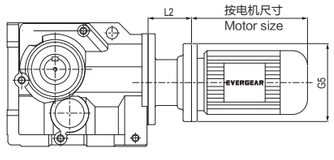


EK..57ER37



Y2电机机座号 Motor size	63		71		80
功率4P Power/(kw)	0.12	0.18	0.25	0.37	0.55
L1	75		75		88.5
G5	Φ140		Φ160		Φ200

EK..57



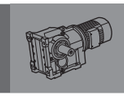
需方自配电机需加联接法兰
Customers provide the motor by themselves need connected flange

Y2电机机座号 Motor size	63		71		80		90		100		112
功率4P Power/(kw)	0.12	0.18	0.25	0.37	0.55	0.75	1.1	1.5	2.2	3	4
L2	68		68		81.5		81.5		88.5		88.5
G5	Φ140		Φ160		Φ200		Φ200		Φ250		Φ250

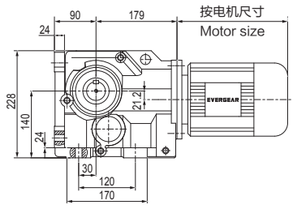
注 Note

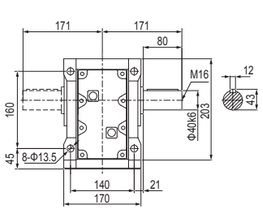
1.EKA、EKF、EKAF、EKAZ壳体为通用件，安装尺寸均可互相参照。
2."EK.."表示EK系列所有结构形式。
3.带胀紧盘结构形式，胀紧盘尺寸详见007页。
4.EKA、EKAZ、EKAF、EKAT、EKAB输出轴为通用件，尺寸相同。
5.需方自配电机G5>Φ250时，是否影响正常安装。

1.The housings of EKA、EKF、EKAF、EKAZ are common parts, The mounting dimensions may consult each other.
2."EK.." mean all mounting type of EK series.
3.With expansion plate mounting type,see P007 for size details of expansion plate.
4.The output shafts of EKA、EKAZ、EKAF、EKAT、EKAB are common parts, dimensions are the same.
5.If the motor provided by purchaser is G5>Φ250,please check if normal installation is influenced.

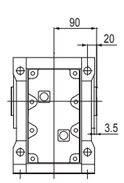


EK67

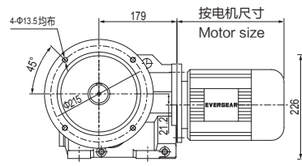


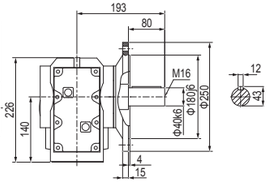


EKAB67

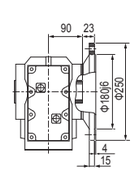


EKF67



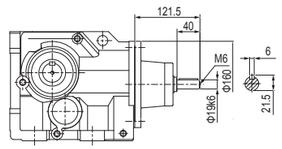


EKAF67

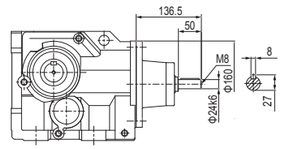


EK..S67

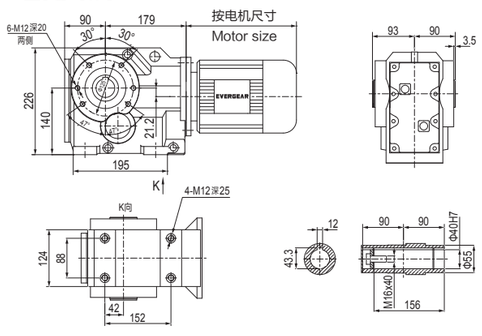
AD2



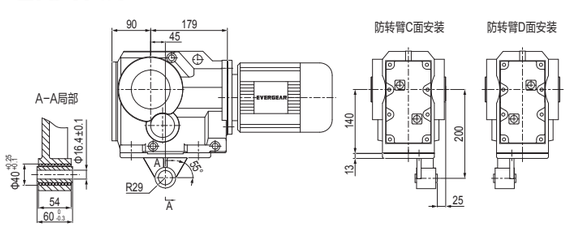
AD3



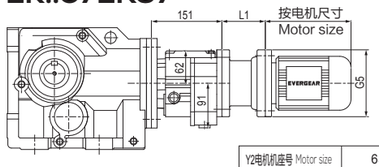
EKA67



EKAT67

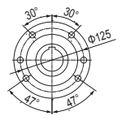


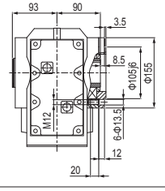
EK..67ER37



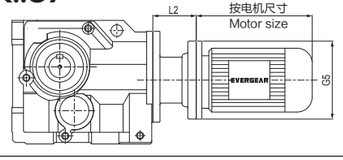
Y2电机机座号 Motor size	63		71		80	
功率4P Power/(kw)	0.12	0.18	0.25	0.37	0.55	
L1	75		75		88.5	
G5	Φ140		Φ160		Φ200	

EKAZ67





EK..67



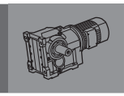
需方自配电机需加联接法兰
Customers provide the motor by themselves need connected flange

Y2电机机座号 Motor size	63	71	80	90	100	112	132
功率4P Power/(kw)	0.18	0.25 0.37	0.55 0.75	1.1 1.5	2.2 3	4	5.5
L2	68	68	81.5	81.5	88.5	88.5	124.5
G5	Φ140	Φ160	Φ200	Φ200	Φ250	Φ250	Φ300

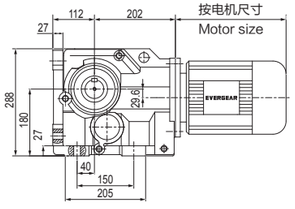
注 Note

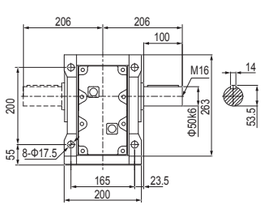
1.EKA、EKF、EKAF、EKAZ壳体为通用件，安装尺寸均可互相参照。
2.“EK..”表示EK系列所有结构形式。
3.带胀紧盘结构形式，胀紧盘尺寸详见007页。
4.EKA、EKAZ、EKAF、EKAT、EKAB输出轴为通用件，尺寸相同。
5.需方自配电机G5>Φ250时，是否影响正常安装。

1.The housings of EKA、EKF、EKAF、EKAZ are common parts, The mounting dimensions may consult each other.
2.“EK..” mean all mounting type of EK series.
3.With expansion plate mounting type,see P007 for size details of expansion plate.
4.The output shafts of EKA、EKAZ、EKAF、EKAT、EKAB are common parts, dimensions are the same.
5.If the motor provided by purchaser is G5>Φ250,please check if normal installation is influenced.

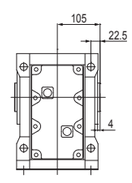


EK77

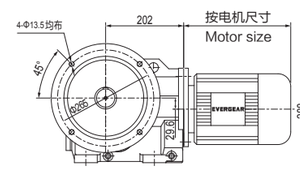


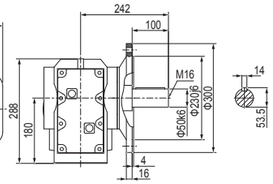


EKAB77



EKF77





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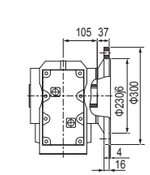
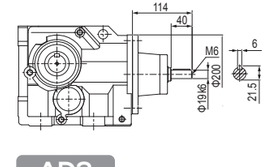
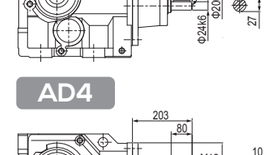


EK..S77

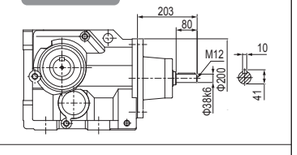
AD2



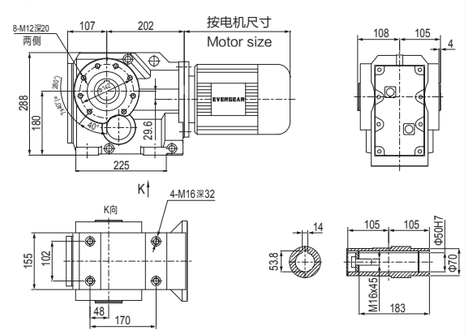
AD3



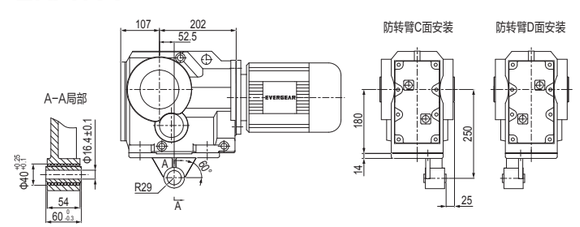
AD4



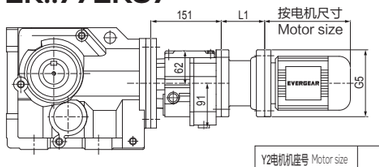
EKA77



EKAT77

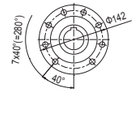


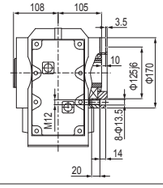
EK..77ER37



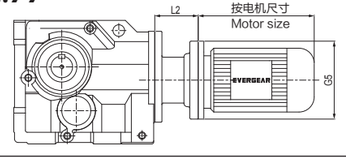
Y2电机机座号 Motor size	63		71		80	
功率4P Power/(kw)	0.12	0.18	0.25	0.37	0.55	0.75
L1	75		75		88.5	
G5	Φ140		Φ160		Φ200	

EKAZ77





EK..77



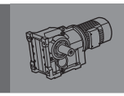
需方自配电机需加联接法兰
Customers provide the motor by themselves need connected flange

Y2电机机座号 Motor size	71	80	90	100	112	132	160
功率4P Power/(kw)	0.37	0.55 0.75	1.1 1.5	2.2 3	4	5.5 7.5	11
L2	60.5	74	74	81	81	117	156
G5	Φ160	Φ200	Φ200	Φ250	Φ250	Φ300	Φ350

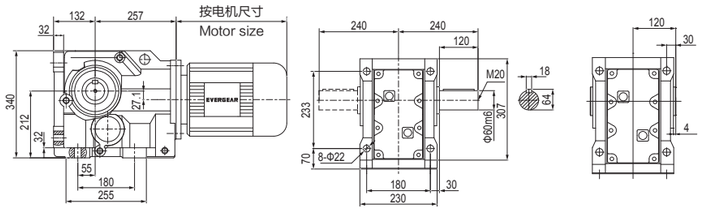
注 Note

1.EKA、EKF、EKAF、EKAZ壳体为通用件，安装尺寸均可互相参照。
2.“EK..”表示EK系列所有结构形式。
3.带胀紧盘结构形式，胀紧盘尺寸详见008页。
4.EKA、EKAZ、EKAF、EKAT、EKAB输出轴为通用件，尺寸相同。
5.需方自配电机G5>Φ300时，是否影响正常安装。

1.The housings of EKA、EKF、EKAF、EKAZ are common parts, The mounting dimensions may consult each other.
2.“EK..” mean all mounting type of EK series.
3.With expansion plate mounting type,see P008 for size details of expansion plate.
4.The output shafts of EKA、EKAZ、EKAF、EKAT、EKAB are common parts, dimensions are the same.
5.If the motor provided by purchaser is G5>Φ300,please check if normal installation is influenced.

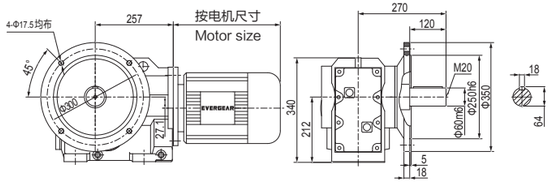


EK87

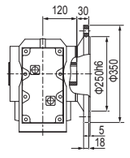


EKAB87

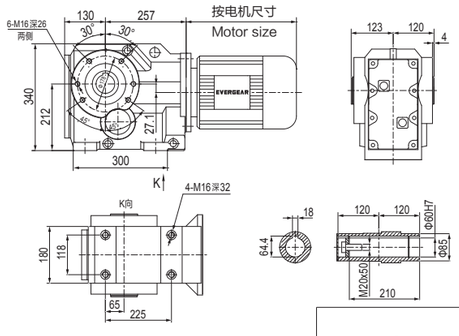
EKF87



EKAF87



EKA87



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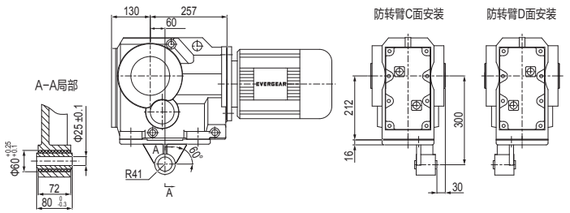

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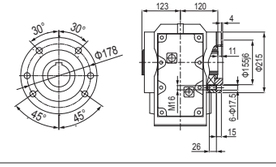
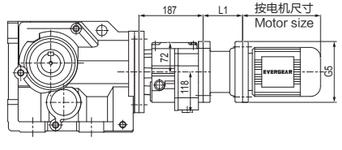
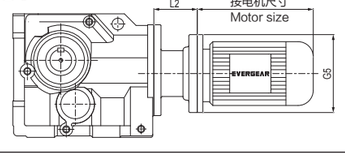


EK..87ER57



Y2电机机座号 Motor size	63	71	80	90
功率/4P Power/(kw)	0.12 0.18	0.25 0.37	0.55 0.75	1.1 1.5
L1	68	68	81.5	81.5
G5	Φ140	Φ160	Φ200	Φ200

EK..87

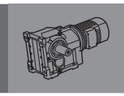


需方自配电机需加联接法兰
Customers provide the motor by themselves need connected flange

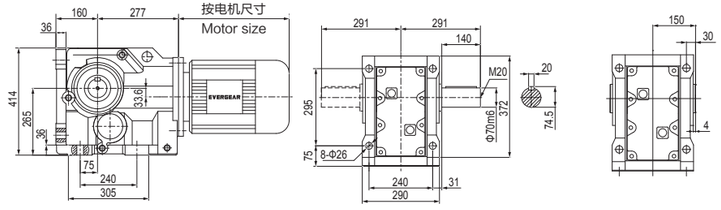
Y2电机机座号 Motor size	80	90	100	112	132	160	180
功率/4P Power/(kw)	0.75	1.1 1.5	2.2 3	4	5.5 7.5	11 15	18.5 22
L2	72	72	79	79	113	152	152
G5	Φ200	Φ200	Φ250	Φ250	Φ300	Φ350	Φ350

注 Note
1.EKA、EKF、EKAF、EKAZ壳体为通用件，安装尺寸均可互相参照。
2."EK.."表示EK系列所有结构形式。
3.带胀紧盘结构形式，胀紧盘尺寸详见008页。
4.EKA、EKAZ、EKAF、EKAT、EKAB输出轴为通用件，尺寸相同。

1.The housings of EKA、EKF、EKAF、EKAZ are common parts, The mounting dimensions may consult each other.
2."EK.." mean all mounting type of EK series.
3.With expansion plate mounting type,see P008 for size details of expansion plate.
4.The output shafts of EKA、EKAZ、EKAF、EKAT、EKAB are common parts, dimensions are the same.



EK97



EKAB97

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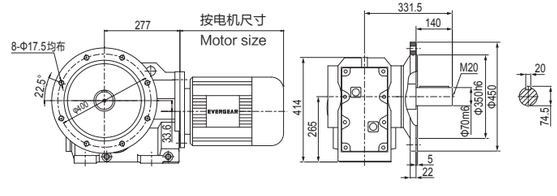

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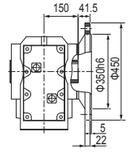

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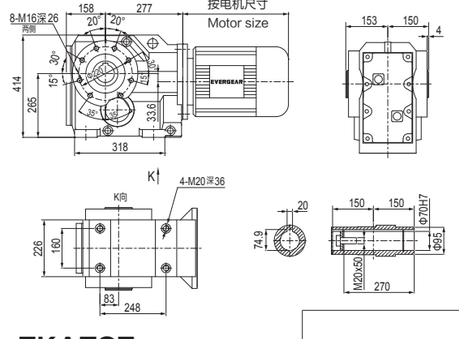

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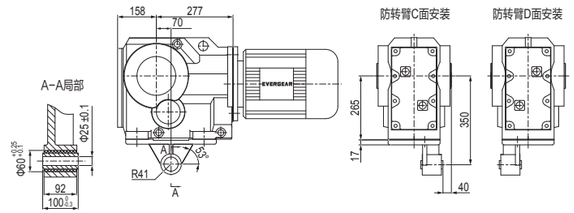

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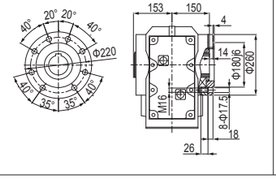
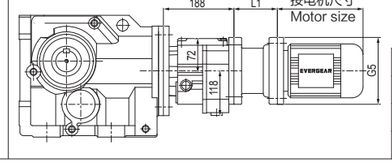
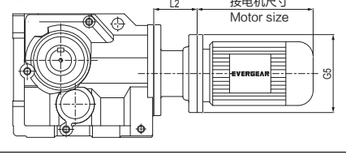


EK..97ER57



Y2电机机座号 motor size	63	71	80	90	100	112
功率/4P power/(kw)	0.12 0.18	0.25 0.37	0.55 0.75	1.1 1.5	2.2 3	4
L1	68	68	81.5	81.5	88.5	88.5
G5	Φ140	Φ160	Φ200	Φ200	Φ250	Φ250

EK..97



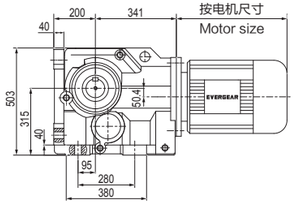
需方自配电机需加联接法兰
Customers provide the motor by themselves need connected flange

Y2电机机座号 Motor size	90	100	112	132	160	180	200
功率/4P Power/(kw)	1.1 1.5	2.2 3	4	5.5 7.5	11 15	18.5 22	30
L2	66	73	73	99	138	138	146
G5	Φ200	Φ250	Φ250	Φ300	Φ350	Φ350	Φ400

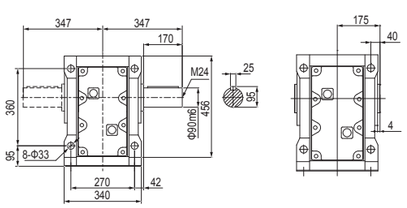
注 Note
1.EKA、EKF、EKAF、EKAZ壳体为通用件，安装尺寸均可互相参照。
2."EK.."表示EK系列所有结构形式。
3.带胀紧盘结构形式，胀紧盘尺寸详见008页。
4.EKA、EKAZ、EKAF、EKAT、EKAB输出轴为通用件，尺寸相同。

1.The housings of EKA、EKF、EKAF、EKAZ are common parts, The mounting dimensions may consult each other.
2."EK.." mean all mounting type of EK series.
3.With expansion plate mounting type,see P008 for size details of expansion plate.
4.The output shafts of EKA、EKAZ、EKAF、EKAT、EKAB are common parts, dimensions are the same.

EK107

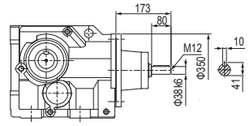


EKAB107

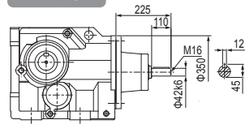


EK..S107

AD4



AD5



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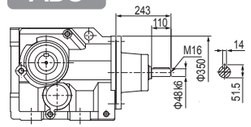

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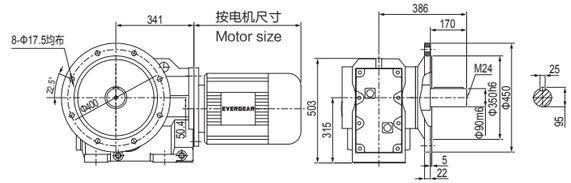

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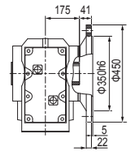

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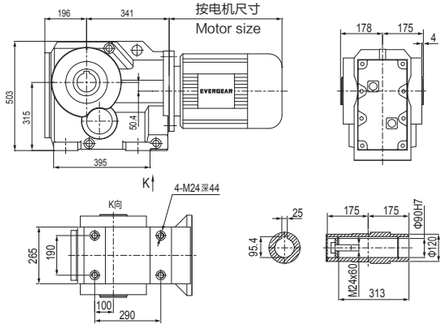

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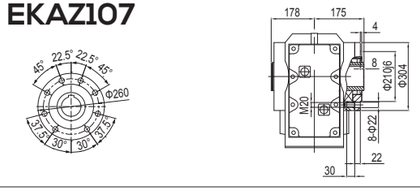

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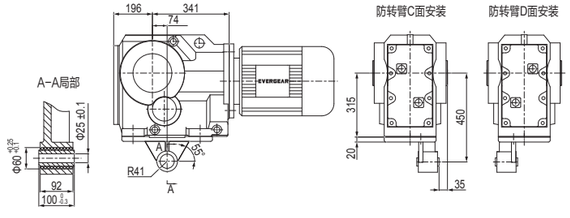
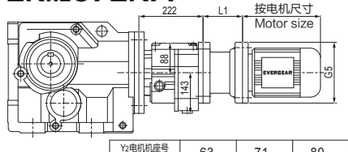
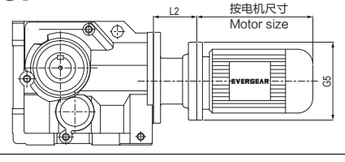


EK..107ER77



Y2电机机座号 motor size	63		71		80		90		100		112	132
功率4P power/(kw)	0.12	0.18	0.25	0.37	0.55	0.75	1.1	1.5	2.2	3	4	5.5
L1	60.5		60.5		74		74		81		81	117
G5	Φ140		Φ160		Φ200		Φ200		Φ250		Φ250	Φ300

EK..107



需方自配电机需加联接法兰
Customers provide the motor by themselves need connected flange

Y2电机机座号 Motor size	100	112	132		160		180		200	225	
功率4P Power/(kw)	3	4	5.5	7.5	11	15	18.5	22	30	37	45
L2	65	65	87		126		126		134	177	
G5	Φ250	Φ250	Φ300		Φ350		Φ350		Φ400	Φ450	

注 Note

1.EKA、EKF、EKAF、EKAZ壳体为通用件，安装尺寸均可互相参照。
2."EK.."表示EK系列所有结构形式。
3.带胀紧盘结构形式，胀紧盘尺寸详见008页。
4.EKA、EKAZ、EKAF、EKAT、EKAB输出轴为通用件，尺寸相同。

1.The housings of EKA、EKF、EKAF、EKAZ are common parts, The mounting dimensions may consult each other.
2."EK.." mean all mounting type of EK series.
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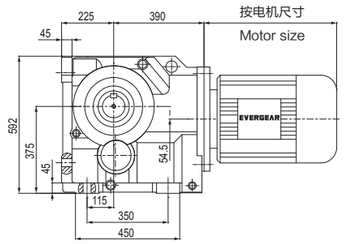
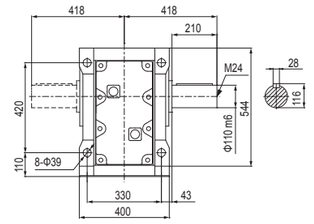
4.The output shafts of EKA、EKAZ、EKAF、EKAT、EKAB are common parts, dimensions are the same.

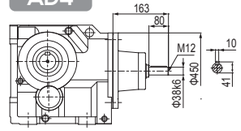
EK127



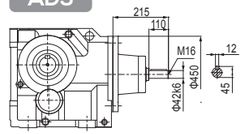


EK..S127

AD4



AD5



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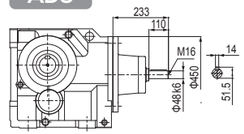

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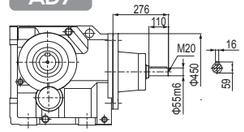
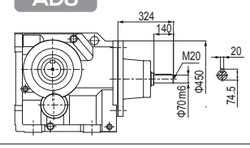


AD8



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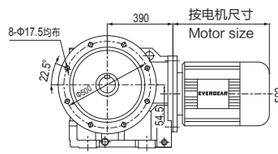

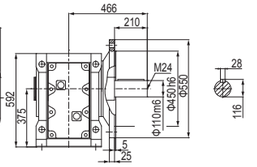

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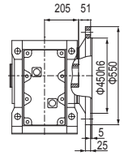
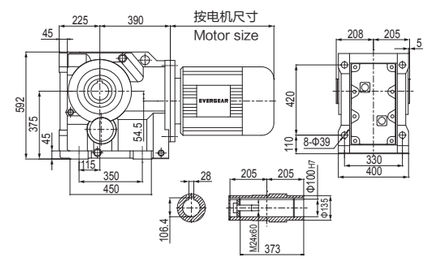


EKA(EKAB)127



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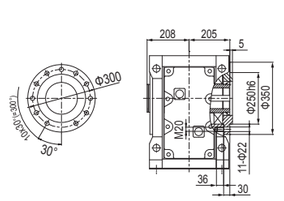

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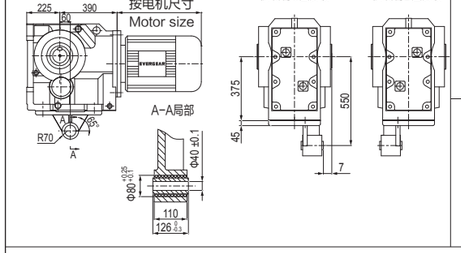
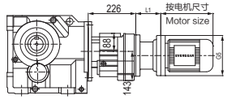
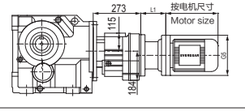


EK..127ER77



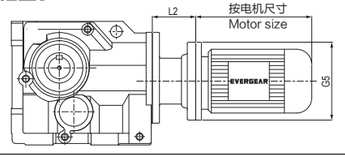
Y2电机机座号 motor size	63		71		80		90		100		112
功率4P power/(kw)	0.12	0.18	0.25	0.37	0.55	0.75	1.1	1.5	2.2	3	4
L1	60.5		60.5		74		74		81		81
G5	Φ140		Φ160		Φ200		Φ200		Φ250		Φ250

EK..127ER87



Y2电机机座号 motor size	90		100		112		132		160
功率4P power/(kw)	1.5		2.2	3	4		5.5	7.5	11
L1	72		79		79		113		152
G5	Φ200		Φ250		Φ250		Φ300		Φ350

EK..127



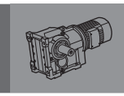
需方自配电机需加联接法兰
Customers provide the motor by themselves need connected flange

Y2电机机座号 Motor size	132		160		180		200	225		250	280	
功率4P Power/(kw)	7.5		11	15	18.5	22	30	37	45	55	75	90
L2	77		116		116		124	167		192	192	
G5	Φ300		Φ350		Φ350		Φ400	Φ450		Φ550	Φ550	

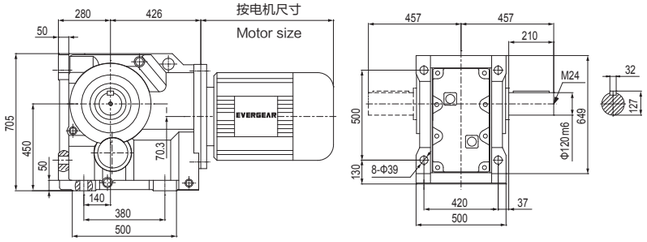
注 Note

1.以上壳体壳体为通用件，安装尺寸均可互相参照。
2."EK.."表示EK系列所有结构形式。
3.带胀紧盘结构形式，胀紧盘尺寸详见 008 页。
4.EKA、EKAZ、EKAF、EKAT、EKAB输出轴为通用件，尺寸相同。

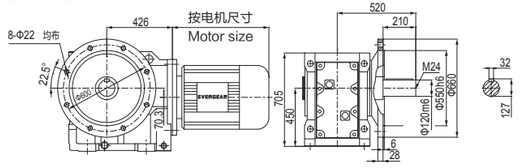
1.The housings above are common parts, The mounting dimensions may consult each other.
2."EK.." mean all mounting type of EK series.
3.With expansion plate mounting type,see P008 for size details of expansion plate.
4.The output shafts of EKA、EKAZ、EKAF、EKAT、EKAB are common parts, dimensions are the same.



EK157



EKF157



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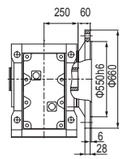
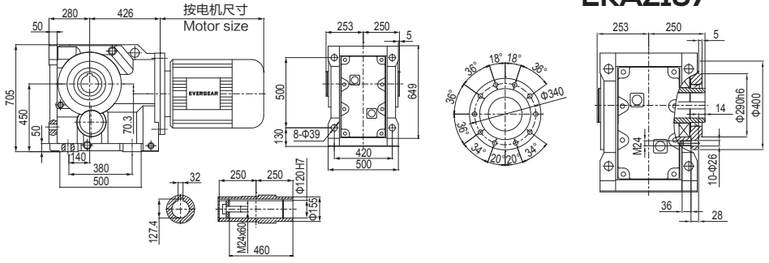


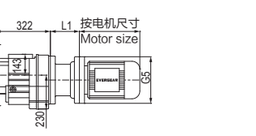
EKA(EKAB)157



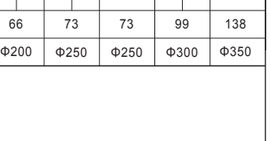
EKAZ157

EK..S157

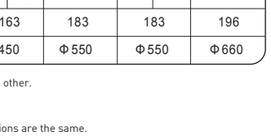
AD5



AD6

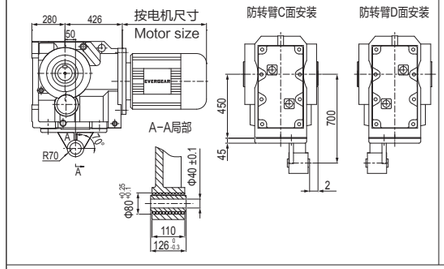


AD7

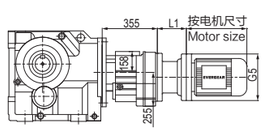


AD8

EKAT157



EK..157ER107

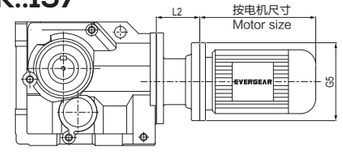


Y2电机机座号 motor size	160	180	
功率/4P power/(kw)	15	18.5	22
L1	126	126	
G5	Φ350	Φ350	

EK..157ER97

Y2电机机座号 motor size	80		90		100		112	132		160
功率/4P power/(kw)	0.55	0.75	1.1	1.5	2.2	3	4	5.5	7.5	11
L1	66		66		73		73	99		138
G5	Φ200		Φ200		Φ250		Φ250	Φ300		Φ350

EK..157

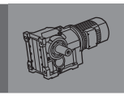


需方自配电机需加联接法兰
Customers provide the motor by themselves need connected flange

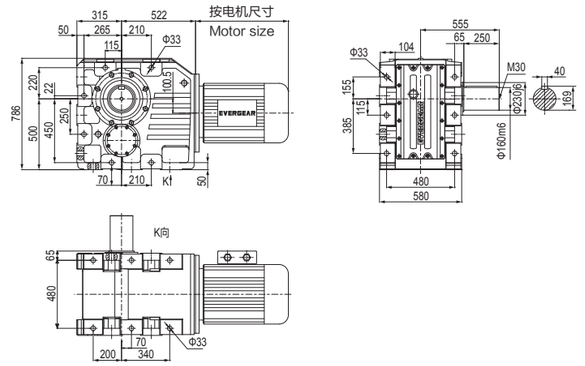
Y2电机机座号 Motor size	160		180		200	225		250	280		315
功率/4P Power/(kw)	11	15	18.5	22	30	37	45	55	75	90	110
L2	112		112		120	163		183	183		196
G5	Φ350		Φ350		Φ400	Φ450		Φ550	Φ550		Φ660

注 Note
1.以上壳体壳体为通用件，安装尺寸均可互相参照。
2."EK.."表示EK系列所有结构形式。
3.带胀紧盘结构形式，胀紧盘尺寸详见008页。
4.EKA、EKAZ、EKAF、EKAT、EKAB输出轴为通用件，尺寸相同。

1.The housings above are common parts, The mounting dimensions may consult each other.
2."EK.." mean all mounting type of EK series.
3.With expansion plate mounting type,see P008 for size details of expansion plate.
4.The output shafts of EKA、EKAZ、EKAF、EKAT、EKAB are common parts, dimensions are the same.

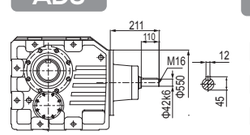


EK167

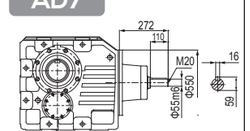


EK..S167

AD5



AD7



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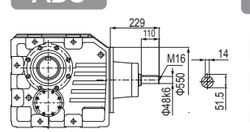

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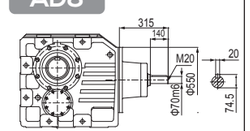

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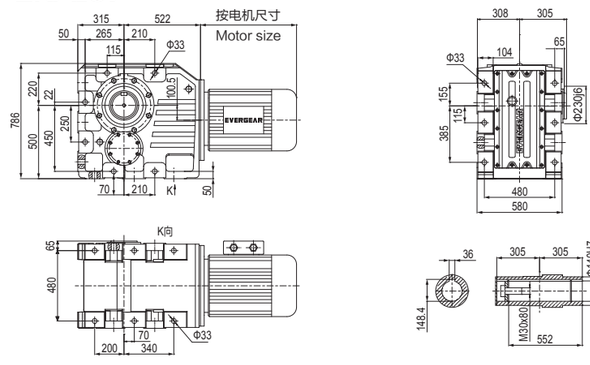
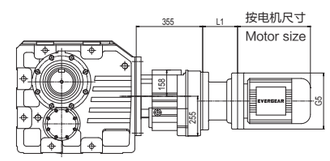
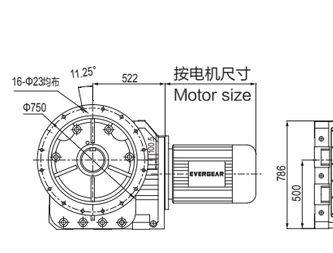


EK..167ER107



Y2电机机座号 motor size	160		180		200	225	
功率/4P power/(kw)	11	15	18.5	22	30	37	45
L1	126		126		134	177	
G5	Φ350		Φ350		Φ400	Φ450	

EKF167



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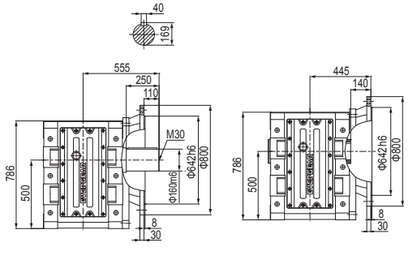
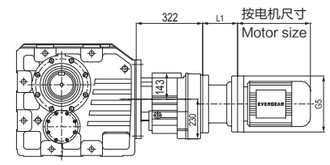
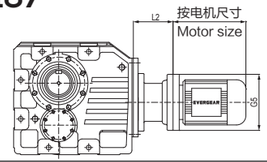


EK..167ER97



Y2电机机座号 motor size	80		90		100		112	132		160
功率/4P power/(kw)	0.55	0.75	1.1	1.5	2.2	3	4	5.5	7.5	11
L1	66		66		73		73	99		138
G5	Φ200		Φ200		Φ250		Φ250	Φ300		Φ350

EK..167



需方自配电机需加联接法兰
Customers provide the motor by themselves need connected flange

Y2电机机座号 Motor size	160		180		200	225		250	280		315			
功率/4P Power/(kw)	11	15	18.5	22	30	37	45	55	75	90	110	132	160	200
L2	112		112		120	163		183	183		196			
G5	Φ350		Φ350		Φ400	Φ450		Φ550	Φ550		Φ660			

注 Note
1.以上壳体壳体为通用件，安装尺寸均可互相参照。
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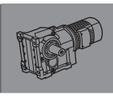
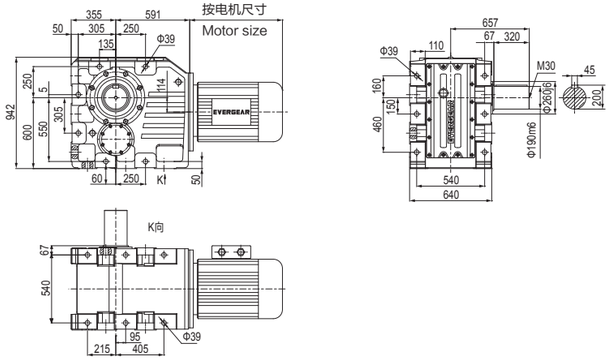
4.The output shafts of EKA、EKAF are common parts, dimensions are the same.

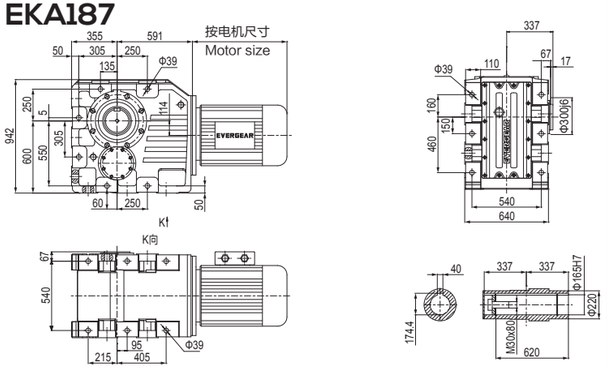


EK

EK187

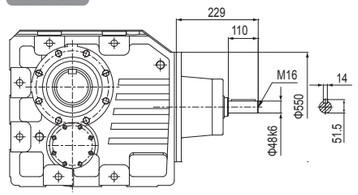


EKA187



EK..S187

AD6



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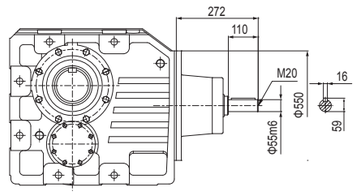

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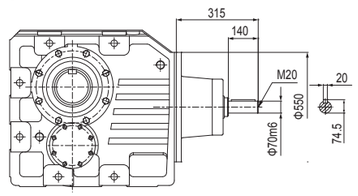
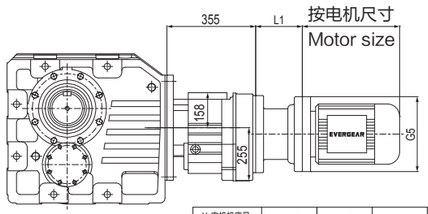
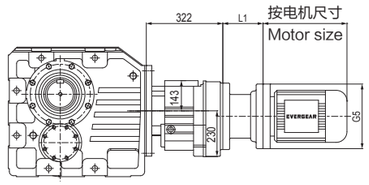


EK..187ER107



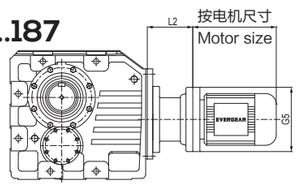
Y2电机机座号 motor size	112	132	160	180	200	225
功率/4P power/(kw)	4	7.5	11 15	18.5 22	30	37 45
L1	65	87	126	126	134	177
G5	Φ250	Φ300	Φ350	Φ350	Φ400	Φ450

EK..187ER97



Y2电机机座号 motor size	80	90	100	112	132	160
功率/4P power/(kw)	0.55 0.75	1.1 1.5	2.2 3	4	5.5 7.5	11
L1	66	66	73	73	99	138
G5	Φ200	Φ200	Φ250	Φ250	Φ300	Φ350

EK..187



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Customers provide the motor by themselves need connected flange

Y2电机机座号 Motor size	180	200	225	250	280	315
功率/4P Power/(kw)	18.5 22	30	37 45	55	75 90	110 132 160 200
L2	112	120	163	183	183	196
G5	Φ350	Φ400	Φ450	Φ550	Φ550	Φ660

注 Note
1.以上壳体壳体为通用件，安装尺寸均可互相参照。
2."EK.."表示EK系列所有结构形式。
3.带胀紧盘结构形式，胀紧盘尺寸详见008页。

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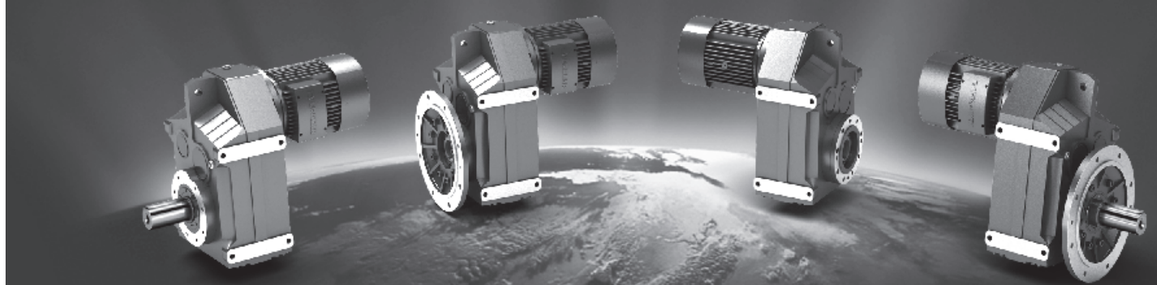
3.With expansion plate mounting type,see P008 for size details of expansion plate.

EF Series

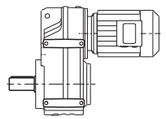
平行轴斜齿轮减速机
Parallel Shaft Helical Gear Motor



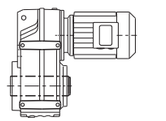
EVERGEAR

⑤ 结构形式
Mounting type:

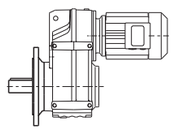
EF
底脚安装平行轴斜齿轮减速机
Foot-mounted parallel shaft helical gear reductor



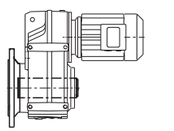
EFAB
底脚空心轴安装平行轴斜齿轮减速机
Foot-mounted parallel shaft helical gear reductor with hollow shaft



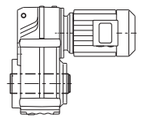
EFF
B5法兰安装平行轴斜齿轮减速机
Parallel shaft helical gear reductor in B5 flange-mounted version



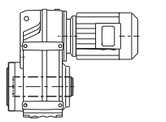
EFAF
B5法兰空心轴安装平行轴斜齿轮减速机
Parallel shaft helical gear reductor in B5 flange-mounted version with hollow shaft



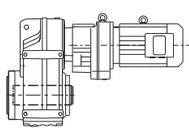
EFA
空心轴安装平行轴斜齿轮减速机
Parallel shaft helical gear reductor with hollow shaft



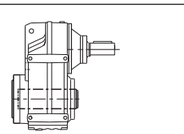
EFAZ
B14法兰空心轴安装平行轴斜齿轮减速机
Parallel shaft helical gear reductor in B14 flange-mounted version with hollow shaft



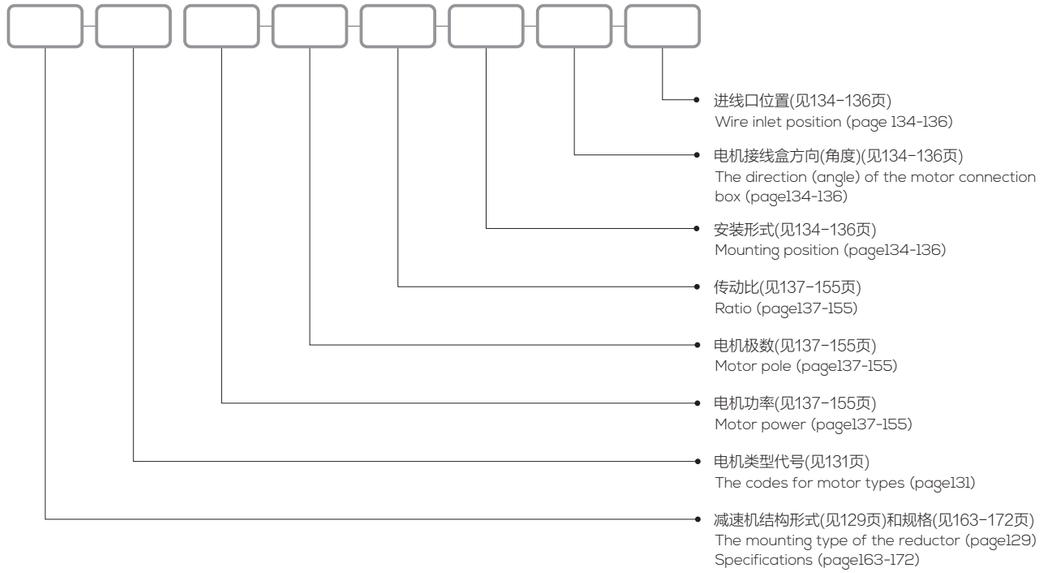
EF..ER
EF系列与ER..7系列组合减速机
Combination of EF series reductor and ER..7 series reductor



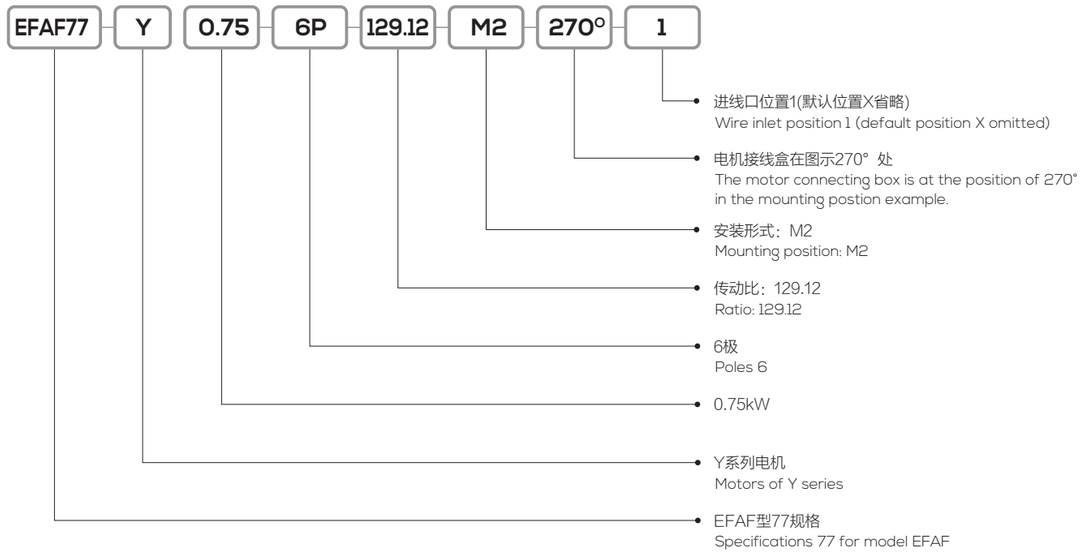
EF..S
轴输入型，即配输入轴不配电动机的平行轴斜齿轮减速机
shaft-input style, in another word, parallel shaft helical gear reductor equipped with input shaft but without the motor

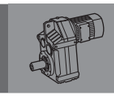


⑥ 型号说明
Instmctions for Models:



示例
Sample





注 Notes

1、轴输入型没有电动机的各项内容。
2、无特别说明时Y系列电动机供货按IP54防护等级。
3、不注明安装形式时，按安装形式图(见134–136页)中M1安装形式供货。
4、不注明接线盒角度时，按安装形式图(见134–136页)中0度位置供货。

1. The shaft-input style is not equipped with any motor
2. Motors of Y series are supplied with protection grade of IP54 unless otherwise specified.
3. The mounting position of M1 as shown in the mounting position example (Page 134-136) is the default way when supplying unless otherwise specified.
4. 0° as shown in the mounting position example (Page 134-136) is the default connection box angle when supplying unless otherwise specified.

⑦ 电机类型代号
Codes for Motor Types:

Y	Y系列 Y series	YB	防爆电机 Flameproof Motor	Z	直流电机 Direct Current Motor
YEJ	制动电机 Brake Motor	YG	辊道电机 Roll Motor	YVP	变频电机 Variable Frequency Motor
YVPEJ	变频制动 Transduction braking	YGP	变频辊道 Transduction roller way	YZR	冶金起重 Metallurgy hoisting

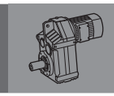
⑧ 安装形式图释义
Explanation of mounting position example

通气孔 Breather valve　　油位孔 Oil level plug　　放油孔 Oil drain plug

⑨ 选型参数表释义
Explanation of Parameter Selection List

输出转速 Output speed	输出转矩 Output torque	传动比 Ratio	使用系数 Service factor	机型号 Type	电机极数 Motor pole
(r/min)	(Nm)	(i)	(f_B)		
0.75kW					
25	2810	57.33	1.05		
28	2530	51.50	1.15	EF 87	4
32	2270	46.31	1.25	EFA 87	4
36	1970	40.19	1.40	EFF 87	4
41	1770	35.99	1.50	EFAF87	4
49	1460	29.86	1.70		

1.选型参数表中的机型可与该栏中的任一传动比搭配。
2.选型参数表中的参数也适用于EFAB、EFAZ、EFH、EFHB、EFHZ机型。
1.The machine types in the parameter selection list can match any transmission ratio in the column.
2.The parameters in this list also fits model EFAB、EFAZ、EFH、EFHB、EFHZ.



⑩ EF系列输入功率及最大扭矩
Input power and maximum torque of EF series

型号	Type	EF37	EF47	EF57	EF67	EF77
结构形式	Structure	EF、EFA、EFF、EFAF、EFAZ、EFAB、EFH、EFHF、EFHZ、EFHB				
输入功率	Input power rating(kw)	0.12～3	0.12～3	0.12～5.5	0.18～5.5	0.37～11
传动比	Ratio	84～128.51	4.67～179.53	4.75～199.70	3.94～229.10	3.75～281.71
最大扭矩*	Maximum torque(Nm)	200	380	600	820	1500

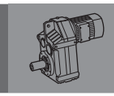
型号	Type	EF87	EF97	EF107	EF127	EF157	EF167
结构形式	Structure	EF、EFA、EFF、EFAF、EFAZ、EFAB、EFH、EFHF、EFHZ、EFHB					
输入功率	Input power rating(kw)	0.75～22	1.1～30	2.2～45	7.5～90	11～200	11~200
传动比	Ratio	3.70～273.43	3.80～276.99	4.91～251.75	4.99～174.86	11.92～267.43	7.41~183.18
最大扭矩*	Maximum torque(Nm)	3000	4300	7840	12000	18000	32000

*)最大扭矩指该规格不同传动比对应的最大扭矩的最大值
*)The maximum torque indicates the maximum value of maximum torque corresponding to different transmission ratios in this specification.

⑪ EF系列主机重量表
Main machine weight form of EF series

型号	Type	EF37	EF47	EF57	EF67	EF77	EF87	EF97	EF107	EF127	EF157	EF167
重量	Weight(kg)	19	25	29	35	62.5	109	182	259	431	679	1030
型号	Type	EFF37	EFF47	EFF57	EFF67	EFF77	EFF87	EFF97	EFF107	EFF127	EFF157	
重量	Weight(kg)	21	28	35	41	72.5	124	215	286	476	785	
型号	Type	EFA37	EFA47	EFA57	EFA67	EFA77	EFA87	EFA97	EFA107	EFA127	EFA157	EFA167
重量	Weight(kg)	19	25	29	32	58.5	104	176	243	396	658	1010
型号	Type	EFAF37	EFAF47	EFAF57	EFAF67	EFAF77	EFAF87	EFAF97	EFAF107	EFAF127	EFAF157	
重量	Weight(kg)	20	27	34	39	65.5	117	197	263	431	717	

注：
1)EFAZ、EFAT、EFAB、EFH、EFHZ、EFHT、EFHB与EFA主机重量近似。
2)EFHF与EFAF主机重量近似。
Note：
1)The weight of main machine of EFAZ、EFAT、EFAB、EFH、EFHZ、EFHT、EFHB is similar to that of EFA.
2)The weight of main machine of EFHF is similar to that of EFAF.



⑫ EF系列润滑油量表
Lubricating oil quantity form of EF series

EF..

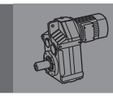
型号 Type	润滑油量(升)Fill quantity in liters(L)					
	M1	M2	M3	M4	M5	M6
EF37	1	1.2	0.7	1.2	1	1.1
EF47	1.5	1.8	1.1	1.9	1.5	1.7
EF57	2.6	3.7	2.1	3.5	2.8	2.9
EF67	2.7	3.8	1.9	3.8	2.9	3.2
EF77	5	7.3	4.3	8	6	6.3
EF87	10	13	7.7	13.8	10.8	11
EF97	18.5	22.5	12.6	25.2	18.5	20
EF107	24.5	32	19.5	37.5	27	27
EF127	40.5	55	34	61	46.5	47
EF157	69	104	63	105	86	78
EF167	115	175	105	180	130	120

EFA..、EFAF..、EFAZ..、EFAT..、EFAB..、EFH..、EFHF..、EFHZ..、EFHT..、EFHB..

型号 Type	润滑油量(升)Fill quantity in liters(L)					
	M1	M2	M3	M4	M5	M6
EF..37	1	1.2	0.7	1.2	1	1.1
EF..47	1.5	1.8	1.1	1.9	1.5	1.7
EF..57	2.7	3.8	2.1	3.6	2.9	3
EF..67	2.7	3.8	1.9	3.8	2.9	3.2
EF..77	5	7.3	4.3	8	6	6.3
EF..87	10	13	7.7	13.8	10.8	11
EF..97	18.5	22.5	12.6	25	18.5	20
EF..107	24.5	32	19.5	37.5	27	27
EF..127	39	55	34	61	45	46.5
EF..157	68	103	62	104	85	77
EF..167	115	175	105	180	130	120

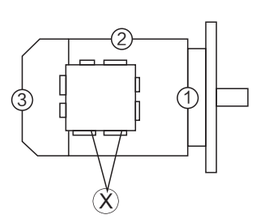
EFF..

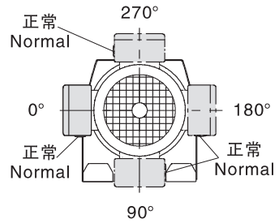
型号 Type	润滑油量(升)Fill quantity in liters(L)					
	M1	M2	M3	M4	M5	M6
EFF37	1	1.2	0.7	1.3	1	1.1
EFF47	1.6	1.9	1.1	1.9	1.5	1.7
EFF57	2.8	3.8	2.1	3.7	2.9	3
EFF67	2.7	3.8	1.9	3.8	2.9	3.2
EFF77	5.1	7.3	4.3	8.1	6	6.3
EFF87	10.3	13.2	7.8	14.1	11	11.2
EFF97	19	22.5	12.6	25.5	18.9	20.5
EFF107	25.5	32	19.5	38.5	27.5	28
EFF127	41.5	56	34	63	46.5	49
EFF157	72	105	64	106	87	79
EFF167	115	175	105	180	130	120

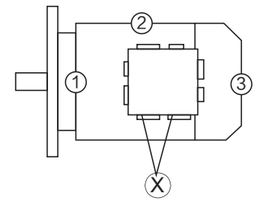


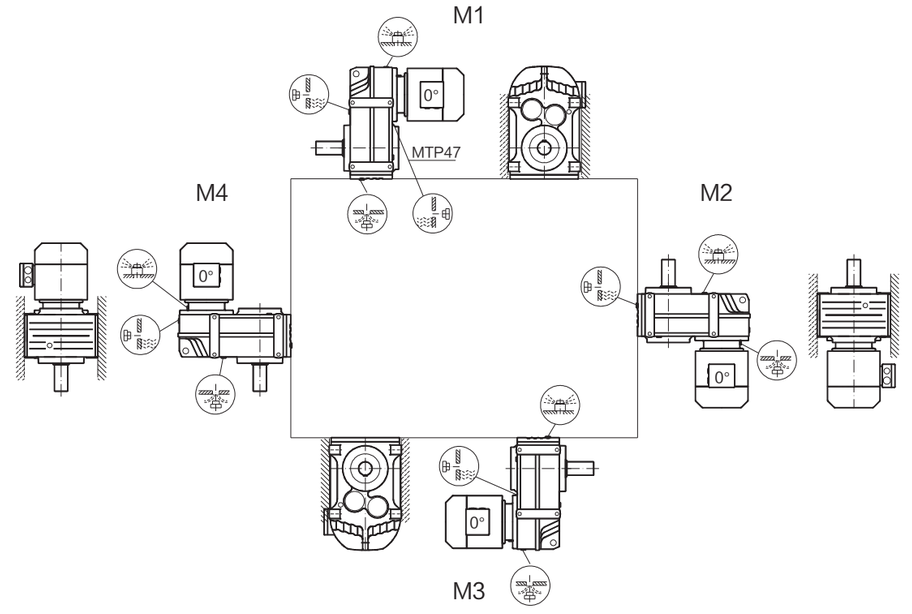
EF/EFAB37-167

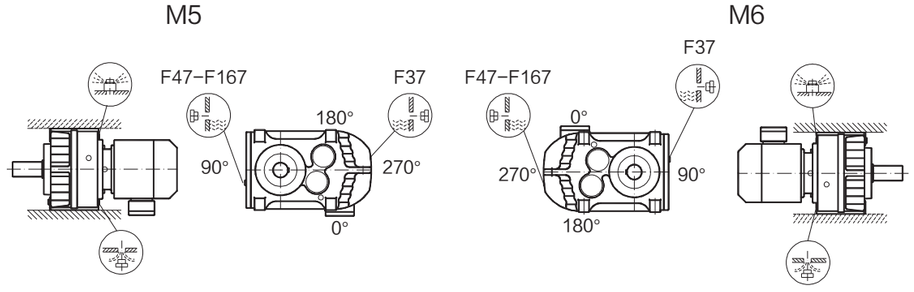
安装形式图 Mounting position example





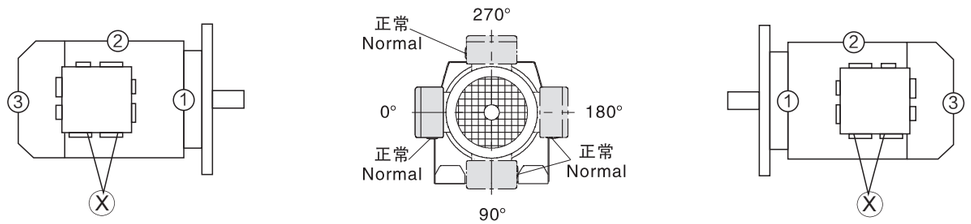


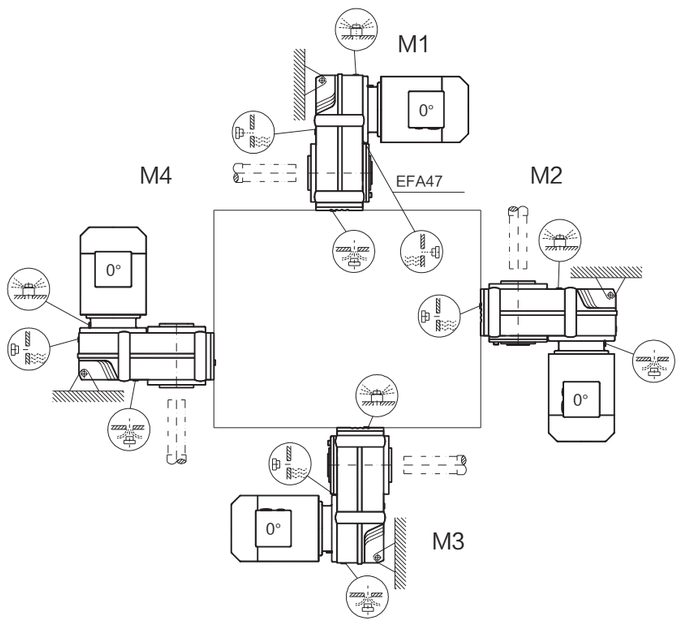


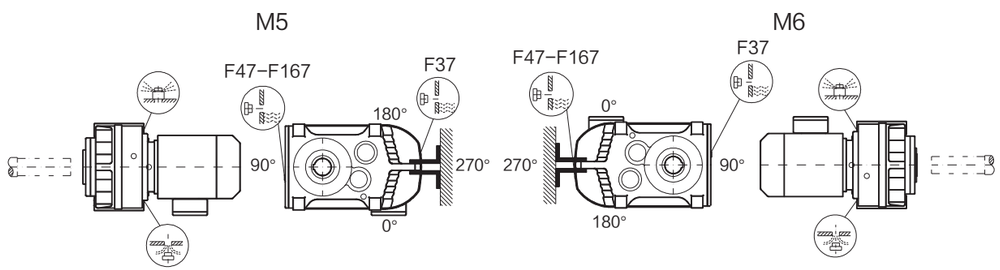


EFA37-167

安装形式图 Mounting position example

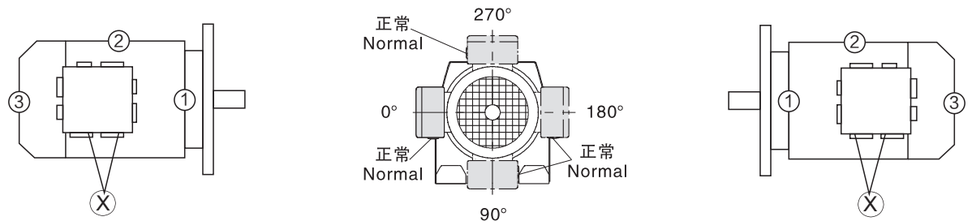


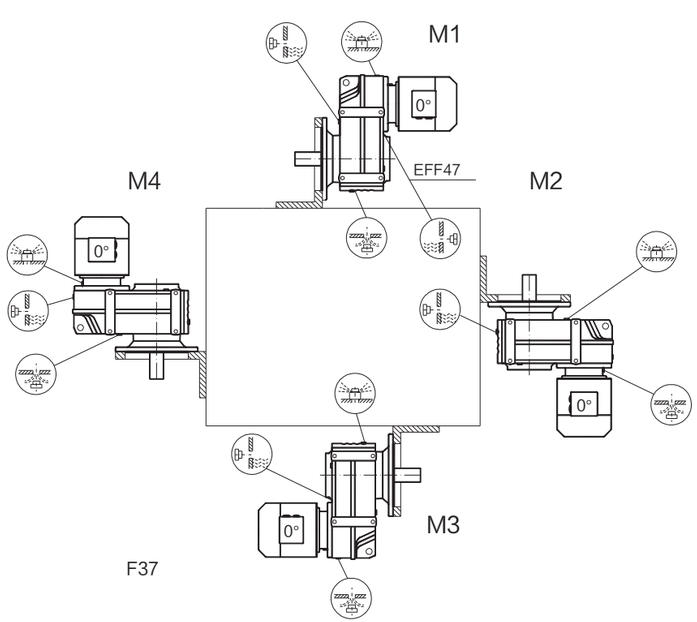


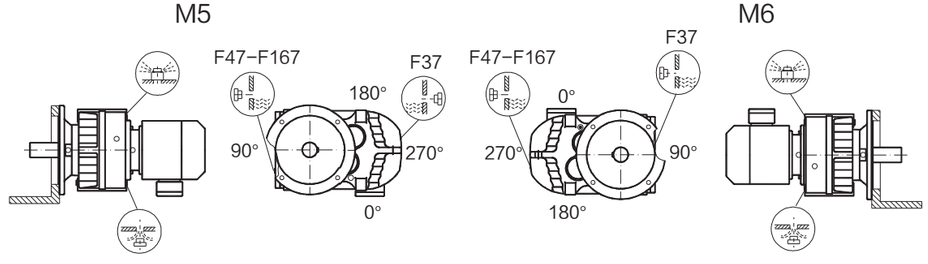


EFF/EFAF/EFAZ37-167

安装形式图 Mounting position example







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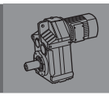

EF系列恒功率选型参数表
Constant power model selection parameter form of EF series

输出转速 Output speed (r/min)	输出转矩 Output torque (Nm)	传动比 Ratio (i)	使用系数 Service factor (f_B)	机型号 Type	电机极数 Motor pole
0.12kW					
0.06	15100	22076	0.80		
0.07	12900	18792	0.95		
0.08	11300	16533	1.05	EF 127ER77	4
0.09	10200	14873	1.20	EFA 127ER77	4
0.11	8910	12997	1.35	EFF 127ER77	4
0.12	7850	11458	1.55	EFAF127ER77	4
0.14	6900	10063	1.75		
0.09	10100	14724	0.80		
0.12	7810	11398	1.00		
0.14	6860	10009	1.10		
0.16	5790	8452	1.35		
0.18	5230	7630	1.45	EF 107ER77	4
0.21	4600	6717	1.65	EFA 107ER77	4
0.23	4070	5944	1.90	EFF 107ER77	4
0.27	3590	5235	2.1	EFAF107ER77	4
0.30	3180	4645	2.4		
0.35	2750	4020	2.8		
0.39	2440	3564	3.1		
0.22	4380	6397	1.00	EF 97ER57	4
0.25	3850	5624	1.10	EFA 97ER57	4
0.28	3380	4937	1.25	EFF 97ER57	4
0.32	2980	4355	1.45	EFAF97ER57	4
0.36	2670	3896	1.60	EF 97ER57	4
0.42	2280	3329	1.90	EFA 97ER57	4
0.46	2060	3005	2.1	EFF 97ER57	4
0.56	1690	2466	2.5	EFAF97ER57	4
0.33	2870	4189	1.05	EF 87ER57	4
0.38	2540	3700	1.20	EFA 87ER57	4
				EFF 87ER57	4
				EFAF87ER57	4
0.41	2310	3364	1.30		
0.43	2200	3210	1.35		
0.48	1980	2890	1.50		
0.55	1720	2516	1.75	EF 87ER57	4
0.65	1460	2134	2.1	EFA 87ER57	4
0.72	1330	1934	2.3	EFF 87ER57	4
0.81	1170	1711	2.6	EFAF87ER57	4
0.96	990	1450	3.0		
1.1	880	1281	3.4		
1.2	785	1143	3.8		
0.53	1790	2611	0.85	EF 77ER37	4
0.60	1590	2315	0.95	EFA 77ER37	4
0.68	1410	2056	1.05	EFF 77ER37	4
				EFAF77ER37	4
0.81	1170	1711	1.30		
0.90	1060	1543	1.40		
1.0	930	1354	1.60	EF 77ER37	4
1.2	820	1203	1.80	EFA 77ER37	4
1.3	725	1057	2.1	EFF 77ER37	4
1.5	625	913	2.4	EFAF77ER37	4
1.7	555	810	2.7		
2.0	485	710	3.1		
0.97	980	1430	0.85		
1.1	870	1272	0.95		
1.3	755	1103	1.10		
1.4	665	970	1.25	EF 67ER37	4
1.6	590	858	1.40	EFA 67ER37	4
1.8	520	757	1.60	EFF 67ER37	4
2.2	440	640	1.85	EFAF67ER37	4
2.4	395	573	2.1		
2.7	350	509	2.4		
3.2	300	435	2.8		

输出转速 Output speed (r/min)	输出转矩 Output torque (Nm)	传动比 Ratio (i)	使用系数 Service factor (f_B)	机型号 Type	电机极数 Motor pole
0.12kW					
1.6	580	849	1.05		
1.9	505	734	1.20	EF 57ER37	4
2.2	440	644	1.35	EFA 57ER37	4
2.5	380	557	1.55	EFF 57ER37	4
2.7	345	507	1.75	EFAF57ER37	4
3.1	305	445	1.95		
3.3	290	426	2.1		
3.6	260	382	2.3	EF 57ER37	4
4.2	225	330	2.7	EFA 57ER37	4
4.7	205	298	2.9	EFF 57ER37	4
5.3	180	262	3.3	EFAF57ER37	4
2.5	375	547	1.05	EF 47ER17	4
2.9	325	476	1.25	EFA 47ER17	4
3.3	290	422	1.40	EFF 47ER17	4
				EFAF47ER17	4
2.7	355	518	1.15		
2.8	340	493	1.20		
3.2	295	429	1.35	EF 47ER17	4
3.6	260	383	1.50	EFA 47ER17	4
4.1	230	335	1.75	EFF 47ER17	4
4.7	200	295	2.0	EFAF47ER17	4
5.5	172	251	2.3		
4.3	220	322	0.90	EF 37ER17	4
5.0	190	277	1.05	EFA 37ER17	4
5.7	166	242	1.20	EFF 37ER17	4
6.3	151	221	1.30	EFAF37ER17	4
4.3	225	326	0.90		
4.9	195	285	1.00	EF 37ER17	4
5.6	171	250	1.15	EFA 37ER17	4
6.3	150	219	1.35	EFF 37ER17	4
7.5	127	186	1.55	EFAF37ER17	4
8.3	114	167	1.75		
7.0	165	199.70	3.6	EF 57	4
7.6	151	183.60	4.0	EFA 57	4
8.8	130	157.09	4.6	EFF 57	4
10	112	136.16	5.3	EFAF57	4
7.7	148	179.53	2.7	EF 47	4
8.4	136	165.06	2.9	EFA 47	4
9.8	116	141.22	3.4	EFF 47	4
11	101	122.41	4.0	EFAF47	4
11	106	128.51	1.90		
12	97	117.88	2.1		
14	83	100.36	2.4		
16	71	86.53	2.8		
17	66	80.65	3.0		
20	58	70.50	3.4		
21	54	66.09	3.7	EF 37	4
24	48	58.32	4.2	EFA 37	4
25	45	54.54	4.4	EFF 37	4
27	43	51.70	4.7	EFAF37	4
30	39	47.02	5.2		
32	36	43.83	5.5		
36	32	38.31	6.3		
39	30	35.91	6.8		
44	26	31.69	7.7		
49	23	28.10	8.6		

输出转速 Output speed (r/min)	输出转矩 Output torque (Nm)	传动比 Ratio (i)	使用系数 Service factor (f_B)	机型号 Type	电机极数 Motor pole
0.12kW					
59	19	23.63	10		
68	17	20.57	12		
72	16	19.27	13		
82	14	17.03	14		
88	13	15.81	15		
97	12	14.33	17		
108	11	12.87	19		
125	9.1	11.08	21	EF 37	4
133	8.6	10.42	22	EFA 37	4
155	7.4	8.97	24	EFF 37	4
174	6.6	8.01	26	EFAF37	4
184	6.2	7.57	23		
203	5.7	6.86	25		
226	5.1	6.16	27		
262	4.4	5.31	29		
279	4.1	4.99	29		
323	3.5	4.30	31		
362	3.2	3.84	33		
0.18kW					
0.11	13600	12997	0.90		
0.12	12000	11458	1.00	EF 127ER77	4
0.14	10500	10063	1.15	EFA 127ER77	4
0.16	9280	8853	1.30	EFF 127ER77	4
0.18	7880	7520	1.50	EFAF127ER77	4
0.21	7060	6735	1.70		
0.16	8860	8452	0.85		
0.18	8000	7630	0.95		
0.21	7040	6717	1.10	EF 107ER77	4
0.23	6230	5944	1.25	EFA 107ER77	4
0.27	5490	5235	1.40	EFF 107ER77	4
0.30	4870	4645	1.60	EFAF107ER77	4
0.35	4210	4020	1.80		
0.39	3740	3564	2.1		
0.45	3270	3118	2.4	EF 107ER77	4
0.51	2850	2724	2.7	EFA 107ER77	4
0.58	2490	2377	3.1	EFF 107ER77	4
0.67	2180	2080	3.5	EFAF107ER77	4
0.32	4560	4355	0.95	EF 97ER57	4
				EFA 97ER57	4
				EFF 97ER57	4
				EFAF97ER57	4
0.36	4050	3863	1.05		
0.41	3520	3361	1.20		
0.48	3030	2895	1.40		
0.55	2670	2547	1.60	EF 97ER57	4
0.62	2360	2249	1.80	EFA 97ER57	4
0.70	2070	1979	2.1	EFF 97ER57	4
0.81	1800	1722	2.4	EFAF97ER57	4
0.91	1610	1532	2.7		
1.0	1390	1327	3.1		
1.2	1230	1173	3.5		
0.48	3070	2926	1.00		
0.55	2640	2521	1.15		
0.63	2310	2200	1.30		
0.71	2040	1951	1.45		
0.81	1800	1715	1.65	EF 87ER57	4
0.93	1570	1500	1.90	EFA 87ER57	4
1.1	1360	1302	2.2	EFF 87ER57	4
1.2	1210	1150	2.5	EFAF87ER57	4
1.4	1060	1008	2.8		
1.6	940	895	3.2		
1.8	820	779	3.7		

输出转速 Output speed (r/min)	输出转矩 Output torque (Nm)	传动比 Ratio (i)	使用系数 Service factor (f_B)	机型号 Type	电机极数 Motor pole
0.18kW					
0.90	1620	1543	0.95		
1.0	1420	1354	1.05		
1.2	1260	1203	1.20	EF 77ER37	4
1.3	1110	1057	1.35	EFA 77ER37	4
1.5	960	913	1.55	EFF 77ER37	4
1.7	850	810	1.75	EFAF77ER37	4
2.0	745	710	2.0		
2.3	645	615	2.3		
1.6	900	858	0.90		
1.8	795	757	1.05		
2.2	670	640	1.20	EF 67ER37	4
2.4	600	573	1.35	EFA 67ER37	4
2.7	535	509	1.55	EFF 67ER37	4
3.2	455	435	1.80	EFAF67ER37	4
3.6	405	386	2.0		
2.8	520	497	1.55		
3.1	470	449	1.75		
3.6	405	385	2.0	EF 67ER37	4
4.1	355	339	2.3	EFA 67ER37	4
4.7	310	296	2.6	EFF 67ER37	4
5.3	275	262	3.0	EFAF67ER37	4
5.9	245	234	3.3		
7.0	210	200	3.9		
2.5	585	557	1.05		
2.7	530	507	1.15	EF 57ER37	4
3.1	465	445	1.30	EFA 57ER37	4
3.6	405	385	1.50	EFF 57ER37	4
4.1	355	338	1.70	EFAF57ER37	4
3.3	445	426	1.35		
3.6	400	382	1.50		
4.2	345	330	1.75	EF 57ER37	4
4.7	310	298	1.90	EFA 57ER37	4
5.3	275	262	2.2	EFF 57ER37	4
6.2	235	226	2.5	EFAF57ER37	4
7.0	210	200	2.9		
3.8	385	369	1.05	EF 47ER17	4
4.3	340	326	1.15	EFA 47ER17	4
4.8	305	289	1.30	EFF 47ER17	4
5.6	260	250	1.55	EFAF47ER17	4
4.1	350	335	1.15		
4.7	310	295	1.30	EF 47ER17	4
5.5	265	251	1.50	EFA 47ER17	4
6.3	230	219	1.75	EFF 47ER17	4
7.4	197	188	2.0	EFAF47ER17	4
7.8	188	179	2.1		
7.5	195	186	1.05	EF 37ER17	4
8.3	175	167	1.15	EFA 37ER17	4
9.6	152	145	1.30	EFF 37ER17	4
11	135	129	1.50	EFAF37ER17	4
3.0	570	281.71	2.6	EF 77	6
3.3	525	260.59	2.8	EFA 77	6
3.8	455	225.79	3.3	EFF 77	6
				EFAF77	6
3.7	465	229.10	1.75	EF 67	6
4.3	395	195.48	2.1	EFA 67	6
5.0	345	170.93	2.4	EFF 67	6
				EFAF67	6
6.1	285	229.10	2.9	EF 67	4
7.1	240	195.48	3.4	EFA 67	4
8.1	210	170.93	3.9	EFF 67	4
				EFAF67	4

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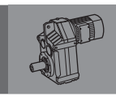
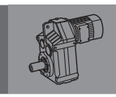


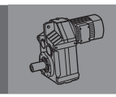
输出转速 Output speed (r/min)	输出转矩 Output torque (Nm)	传动比 Ratio (i)	使用系数 Service factor (f_B)	机型号 Type	电机极数 Motor pole
0.18kW					
4.3	405	199.70	1.50		
4.6	370	183.60	1.60	EF 57	6
5.4	320	157.09	1.90	EFA 57	6
6.2	275	136.16	2.2	EFF 57	6
6.7	255	127.27	2.3	EFAF57	6
7.7	220	110.01	2.7		
7.0	245	199.70	2.4		
7.6	225	183.60	2.6	EF 57	4
8.8	194	157.09	3.1	EFA 57	4
10	168	136.16	3.6	EFF 57	4
11	157	127.27	3.8	EFAF57	4
4.7	365	179.53	1.10		
5.1	335	165.06	1.20	EF 47	6
6.0	285	141.22	1.40	EFA 47	6
6.9	250	122.41	1.60	EFF 47	6
7.4	230	114.41	1.75	EFAF47	6
7.7	220	179.53	1.80		
8.4	205	165.06	1.95	EF 47	4
9.8	175	141.22	2.3	EFA 47	4
11	151	122.41	2.6	EFF 47	4
12	141	114.41	2.8	EFAF47	4
7.2	240	117.88	0.85		
8.5	205	100.36	1.00	EF 37	6
9.8	175	86.53	1.15	EFA 37	6
11	163	80.65	1.25	EFF 37	6
12	143	70.50	1.40	EFAF37	6
11	159	128.51	1.25		
12	146	117.88	1.35		
14	124	100.36	1.60		
16	107	86.53	1.85		
17	100	80.65	2.0		
20	87	70.50	2.3		
21	82	66.09	2.4	EF 37	4
24	72	58.32	2.8	EFA 37	4
25	67	54.54	3.0	EFF 37	4
27	64	51.70	3.1	EFAF37	4
30	58	47.02	3.4		
32	54	43.83	3.7		
36	47	38.31	4.2		
39	44	35.91	4.5		
44	39	31.69	5.1		
49	35	28.10	5.8		
59	29	23.63	6.8		
68	25	20.57	7.9		
72	24	19.27	8.4		
82	21	17.03	9.5		
88	20	15.81	10		
97	18	14.33	11		
108	16	12.87	13		
125	14	11.08	14	EF 37	4
133	13	10.42	14	EFA 37	4
155	11	8.97	16	EFF 37	4
174	9.9	8.01	17	EFAF37	4
184	9.4	7.57	15		
203	8.5	6.86	17		
226	7.6	6.16	18		
262	6.6	5.31	19		
279	6.2	4.99	19		
323	5.3	4.30	21		
362	4.7	3.84	22		

输出转速 Output speed (r/min)	输出转矩 Output torque (Nm)	传动比 Ratio (i)	使用系数 Service factor (f_B)	机型号 Type	电机极数 Motor pole
0.25kW					
0.16	13000	8853	0.95		
0.18	11000	7520	1.10	EF 127ER77	4
0.21	9860	6735	1.20	EFA 127ER77	4
0.23	8680	5926	1.40	EFF 127ER77	4
0.27	7510	5128	1.60	EFAF127ER77	4
0.31	6630	4525	1.80		
0.23	8710	5944	0.90		
0.27	7670	5235	1.00	EF 107ER77	4
0.30	6800	4645	1.15	EFA 107ER77	4
0.35	5890	4020	1.30	EFF 107ER77	4
0.39	5220	3564	1.45	EFAF107ER77	4
0.45	4570	3118	1.70		
0.51	3990	2724	1.95	EF 107ER77	4
0.58	3480	2377	2.2	EFA 107ER77	4
0.67	3050	2080	2.5	EFF 107ER77	4
0.76	2680	1831	2.9	EFAF107ER77	4
0.98	2070	1416	3.7		
0.48	4240	2895	1.00		
0.55	3730	2547	1.15		
0.62	3290	2249	1.30		
0.70	2900	1979	1.50	EF 97ER57	4
0.81	2520	1722	1.70	EFA 97ER57	4
0.91	2240	1532	1.90	EFF 97ER57	4
1.0	1940	1327	2.2	EFAF97ER57	4
1.2	1720	1173	2.5		
1.4	1500	1025	2.9		
0.71	2860	1951	1.05		
0.81	2510	1715	1.20		
0.93	2200	1500	1.35		
1.1	1910	1302	1.55	EF 87ER57	4
1.2	1680	1150	1.80	EFA 87ER57	4
1.4	1480	1008	2.0	EFF 87ER57	4
1.6	1310	895	2.3	EFAF87ER57	4
1.8	1140	779	2.6		
2.1	990	677	3.0		
1.3	1550	1057	0.95		
1.5	1340	913	1.10		
1.7	1190	810	1.25	EF 77ER37	4
2.0	1040	710	1.45	EFA 77ER37	4
2.3	900	615	1.65	EFF 77ER37	4
2.6	790	538	1.90	EFAF77ER37	4
2.9	705	480	2.1		
3.4	600	410	2.5		
2.4	840	573	1.00	EF 67ER37	4
2.7	745	509	1.10	EFA 67ER37	4
3.2	635	435	1.30	EFF 67ER37	4
				EFAF67ER37	4
2.8	730	497	1.15		
3.1	660	449	1.25		
3.6	565	385	1.45	EF 67ER37	4
4.1	495	339	1.65	EFA 67ER37	4
4.7	435	296	1.90	EFF 67ER37	4
5.3	385	262	2.1	EFAF67ER37	4
5.9	345	234	2.4		
3.6	565	385	1.05	EF 57ER37	4
4.1	495	338	1.20	EFA 57ER37	4
5.4	380	259	1.60	EFF 57ER37	4
6.9	295	201	2.0	EFAF57ER37	4



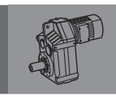
输出转速 Output speed (r/min)	输出转矩 Output torque (Nm)	传动比 Ratio (i)	使用系数 Service factor (f_B)	机型号 Type	电机极数 Motor pole
0.25kW					
3.6	560	382	1.05		
4.2	485	330	1.25		
4.7	435	298	1.35	EF 57ER37	4
5.3	385	262	1.55	EFA 57ER37	4
6.2	330	226	1.80	EFF 57ER37	4
7.0	295	200	2.0	EFAF57ER37	4
8.2	250	170	2.4		
5.6	365	250	1.10	EF 47ER17	4
6.4	320	218	1.25	EFA 47ER17	4
7.2	280	192	1.40	EFF 47ER17	4
8.1	250	172	1.60	EFAF47ER17	4
5.5	370	251	1.10		
6.3	320	219	1.25	EF 47ER17	4
7.4	275	188	1.45	EFA 47ER17	4
7.8	260	179	1.55	EFF 47ER17	4
9.3	220	149	1.85	EFAF47ER17	4
11	192	131	2.1		
9.6	210	145	0.95		
11	189	129	1.05	EF 37ER17	4
12	174	119	1.15	EFA 37ER17	4
14	144	98	1.40	EFF 37ER17	4
16	127	87	1.55	EFAF37ER17	4
3.0	790	281.71	1.90		
3.3	730	260.59	2.0	EF 77	6
3.8	635	225.79	2.4	EFA 77	6
4.3	555	198.31	2.7	EFF 77	6
4.6	525	186.64	2.9	EFAF77	6
3.7	645	229.10	1.25		
4.3	550	195.48	1.50	EF 67	6
5.0	480	170.93	1.70	EFA 67	6
5.3	450	160.50	1.80	EFF 67	6
6.0	400	142.47	2.0	EFAF67	6
6.1	395	229.10	2.1		
7.1	335	195.48	2.4	EF 67	4
8.1	295	170.93	2.8	EFA 67	4
8.7	275	160.50	3.0	EFF 67	4
9.8	245	142.47	3.4	EFAF67	4
4.3	560	199.70	1.05		
4.6	515	183.60	1.15	EF 57	6
5.4	440	157.09	1.35	EFA 57	6
6.2	380	136.16	1.55	EFF 57	6
6.7	355	127.27	1.70	EFAF57	6
7.7	310	110.01	1.95		
7.0	345	199.70	1.75		
7.6	315	183.60	1.90	EF 57	4
8.8	270	157.09	2.2	EFA 57	4
10	235	136.16	2.6	EFF 57	4
11	220	127.27	2.7	EFAF57	4
13	189	110.01	3.2		
5.1	465	165.06	0.85		
6.0	395	141.22	1.00	EF 47	6
6.9	345	122.41	1.15	EFA 47	6
7.4	320	114.41	1.25	EFF 47	6
8.6	280	98.90	1.45	EFAF47	6
7.7	310	179.53	1.30		
8.4	285	165.06	1.40		
9.8	245	141.22	1.65	EF 47	4
11	210	122.41	1.90	EFA 47	4
12	196	114.41	2.0	EFF 47	4
14	170	98.90	2.4	EFAF47	4
17	144	84.03	2.8		

输出转速 Output speed (r/min)	输出转矩 Output torque (Nm)	传动比 Ratio (i)	使用系数 Service factor (f_B)	机型号 Type	电机极数 Motor pole
0.25kW					
11	220	128.51	0.90		
12	200	117.88	1.00		
14	172	100.36	1.15		
16	149	86.53	1.35		
17	139	80.65	1.45		
20	121	70.50	1.65		
21	114	66.09	1.75	EF 37	4
24	100	58.32	2.0	EFA 37	4
25	94	54.54	2.1	EFF 37	4
27	89	51.70	2.3	EFAF37	4
30	81	47.02	2.5		
32	75	43.83	2.7		
36	66	38.31	3.0		
39	62	35.91	3.2		
44	54	31.69	3.7		
49	48	28.10	4.1		
59	41	23.63	4.9		
68	35	20.57	5.7		
72	33	19.27	6.0		
82	29	17.03	6.8		
88	27	15.81	7.4		
97	25	14.33	8.1		
108	22	12.87	9.0		
125	19	11.08	10	EF 37	4
133	18	10.42	10	EFA 37	4
155	15	8.97	11	EFF 37	4
174	14	8.01	12	EFAF37	4
184	13	7.57	11		
203	12	6.86	12		
226	11	6.16	13		
262	9.1	5.31	14		
279	8.6	4.99	14		
323	7.4	4.30	15		
362	6.6	3.84	16		
0.37kW					
0.21	14700	6735	0.80		
0.23	13000	5926	0.90		
0.27	11200	5128	1.05	EF 127ER77	4
0.31	9910	4525	1.20	EFA 127ER77	4
0.36	8560	3908	1.40	EFF 127ER77	4
0.40	7560	3451	1.60	EFAF127ER77	4
0.46	6640	3032	1.80		
0.45	6830	3118	1.10		
0.51	5970	2724	1.30	EF 107ER77	4
0.58	5210	2377	1.50	EFA 107ER77	4
0.67	4560	2080	1.70	EFF 107ER77	4
0.76	4010	1831	1.90	EFAF107ER77	4
0.70	4330	1979	1.00		
0.81	3770	1722	1.15		
0.91	3360	1532	1.30	EF 97ER57	4
1.0	2910	1327	1.50	EFA 97ER57	4
1.2	2570	1173	1.65	EFF 97ER57	4
1.4	2240	1025	1.90	EFAF97ER57	4
1.5	1980	903	2.2		
1.1	2850	1302	1.05		
1.2	2520	1150	1.20		
1.4	2210	1008	1.35		
1.6	1960	895	1.55	EF 87ER57	4
1.8	1710	779	1.75	EFA 87ER57	4
2.1	1480	677	2.0	EFF 87ER57	4
2.3	1340	611	2.2	EFAF87ER57	4
2.7	1110	507	2.7		
3.1	990	453	3.0		



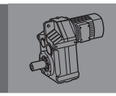
输出转速 Output speed (r/min)	输出转矩 Output torque (Nm)	传动比 Ratio (i)	使用系数 Service factor (f_B)	机型号 Type	电机极数 Motor pole
0.37kW					
1.7	1770	810	0.85		
2.0	1550	710	0.95		
2.3	1350	615	1.10	EF 77ER37	4
2.6	1180	538	1.25	EFA 77ER37	4
2.9	1050	480	1.45	EFF 77ER37	4
3.4	900	410	1.65	EFAF77ER37	4
3.8	810	370	1.85		
4.3	710	324	2.1		
3.6	850	386	0.95		
4.1	750	343	1.10	EF 67ER37	4
4.5	675	309	1.20	EFA 67ER37	4
5.3	570	260	1.45	EFF 67ER37	4
5.9	510	234	1.60	EFAF67ER37	4
5.4	565	259	1.05	EF 57ER37	4
6.9	440	201	1.35	EFA 57ER37	4
7.8	390	178	1.55	EFF 57ER37	4
				EFAF57ER37	4
5.3	575	262	1.05		
6.2	495	226	1.20	EF 57ER37	4
7.0	440	200	1.35	EFA 57ER37	4
8.2	370	170	1.60	EFF 57ER37	4
9.1	335	152	1.80	EFAF57ER37	4
10	295	134	2.0		
7.8	390	179	1.00	EF 47ER17	4
9.3	325	149	1.25	EFA 47ER17	4
11	285	131	1.40	EFF 47ER17	4
				EFAF47ER17	4
2.5	1440	273.43	2.1	EF 87	8
2.6	1360	257.97	2.2	EFA 87	8
2.9	1220	231.26	2.5	EFF 87	8
3.4	1050	199.21	2.9	EFAF87	8
3.2	1090	273.43	2.7	EF 87	6
3.4	1030	257.97	2.9	EFA 87	6
3.8	920	231.26	3.2	EFF 87	6
				EFAF87	6
3.9	900	225.79	1.65		
4.5	790	198.31	1.90	EF 77	6
4.7	745	186.64	2.0	EFA 77	6
5.3	665	166.47	2.3	EFF 77	6
6.2	570	142.27	2.6	EFAF77	6
4.9	715	281.71	2.1	EF 77	4
5.3	660	260.59	2.3	EFA 77	4
6.2	575	225.79	2.6	EFF 77	4
7.0	505	198.31	3.0	EFAF77	4
4.5	780	195.48	1.05		
5.2	680	170.93	1.20	EF 67	6
5.5	640	160.50	1.30	EFA 67	6
6.2	570	142.47	1.45	EFF 67	6
7.3	480	120.84	1.70	EFAF67	6
6.1	580	229.10	1.40		
7.1	495	195.48	1.65	EF 67	4
8.1	435	170.93	1.90	EFA 67	4
8.7	410	160.50	2.0	EFF 67	4
9.8	360	142.47	2.3	EFAF67	4
12	305	120.84	2.7		
5.6	625	157.09	0.95	EF 57	6
6.5	545	136.16	1.10	EFA 57	6
7.0	510	127.27	1.20	EFF 57	6
8.0	440	110.01	1.35	EFAF57	6

输出转速 Output speed (r/min)	输出转矩 Output torque (Nm)	传动比 Ratio (i)	使用系数 Service factor (f_B)	机型号 Type	电机极数 Motor pole
0.37kW					
7.0	510	199.70	1.20		
7.6	465	183.60	1.30		
8.8	400	157.09	1.50	EF 57	4
10	345	136.16	1.75	EFA 57	4
11	325	127.27	1.85	EFF 57	4
13	280	110.01	2.1	EFAF57	4
15	240	93.47	2.5		
17	210	83.46	2.8		
8.4	420	165.06	0.95		
9.8	360	141.22	1.10		
11	310	122.41	1.30	EF 47	4
12	290	114.41	1.40	EFA 47	4
14	250	98.90	1.60	EFF 47	4
17	215	84.03	1.85	EFAF47	4
19	191	75.03	2.1		
22	163	64.08	2.5		
16	220	86.53	0.90		
17	205	80.65	1.00		
20	179	70.50	1.10		
21	168	66.09	1.20		
24	148	58.32	1.35		
25	139	54.54	1.45	EF 37	4
27	131	51.70	1.50	EFA 37	4
30	120	47.02	1.65	EFF 37	4
32	111	43.83	1.80	EFAF37	4
36	97	38.31	2.1		
39	91	35.91	2.2		
44	81	31.69	2.5		
49	71	28.10	2.8		
59	60	23.63	3.3		
68	52	20.57	3.8		
72	49	19.27	4.1		
82	43	17.03	4.6		
88	40	15.81	5.0		
97	36	14.33	5.5		
108	33	12.87	6.1		
125	28	11.08	6.7	EF 37	4
133	26	10.42	7.0	EFA 37	4
155	23	8.97	7.7	EFF 37	4
174	20	8.01	8.3	EFAF37	4
184	19	7.57	7.5		
203	17	6.86	8.0		
226	16	6.16	8.6		
262	13	5.31	9.3		
279	13	4.99	9.5		
323	11	4.30	10		
362	9.8	3.84	11		
0.55kW					
0.22	20500	6304	0.90		
0.26	17400	5342	1.05		
0.29	15800	4840	1.15	EF 157ER97	4
0.33	13500	4152	1.35	EFA 157ER97	4
0.39	11700	3599	1.55	EFF 157ER97	4
0.43	10400	3202	1.75	EFAF157ER97	4
0.50	9090	2790	2.0		
0.58	7800	2393	2.3		
0.65	7020	2154	2.6	EF 157ER97	4
0.71	6360	1951	2.8	EFA 157ER97	4
0.83	5440	1670	3.3	EFF 157ER97	4
1.0	4320	1326	4.2	EFAF157ER97	4



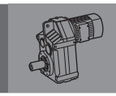
输出转速 Output speed (r/min)	输出转矩 Output torque (Nm)	传动比 Ratio (i)	使用系数 Service factor (f_B)	机型号 Type	电机极数 Motor pole
0.55kW					
0.36	12700	3908	0.95	EF 127ER77	4
0.40	11200	3451	1.05	EFA 127ER77	4
0.46	9880	3032	1.20	EFF 127ER77	4
				EFAF127ER77	4
0.58	7740	2377	1.00		
0.67	6780	2080	1.15		
0.76	5970	1831	1.30		
0.87	5200	1596	1.50		
0.98	4610	1416	1.65	EF 107ER77	4
1.1	4020	1235	1.90	EFA 107ER77	4
1.3	3530	1084	2.2	EFF 107ER77	4
1.5	3110	956	2.5	EFAF107ER77	4
1.6	2760	848	2.8		
1.9	2430	746	3.2		
2.2	2090	641	3.7		
1.0	4320	1327	1.00		
1.2	3820	1173	1.15		
1.4	3340	1025	1.30		
1.5	2940	903	1.45		
1.7	2600	797	1.65	EF 97ER57	4
2.0	2250	690	1.90	EFA 97ER57	4
2.3	1960	603	2.2	EFF 97ER57	4
2.6	1740	534	2.5	EFAF97ER57	4
3.0	1520	468	2.8		
3.4	1330	407	3.2		
3.8	1180	362	3.6		
1.6	2920	895	1.05		
1.8	2540	779	1.20		
2.1	2210	677	1.35	EF 87ER57	4
2.3	1990	611	1.50	EFA 87ER57	4
2.7	1650	507	1.80	EFF 87ER57	4
3.1	1480	453	2.0	EFAF87ER57	4
4.1	1110	340	2.7		
2.9	1560	480	0.95	EF 77ER37	4
3.4	1340	410	1.10	EFA 77ER37	4
3.8	1210	370	1.25	EFF 77ER37	4
4.3	1060	324	1.40	EFAF77ER37	4
5.3	850	260	0.95	EF 67ER37	4
5.9	760	234	1.10	EFA 67ER37	4
6.7	680	208	1.20	EFF 67ER37	4
7.9	570	175	1.45	EFAF67ER37	4
2.4	2170	276.99	2.0	EF 97	8
2.6	1990	253.61	2.2	EFA 97	8
3.0	1760	224.06	2.4	EFF 97	8
				EFAF97	8
2.5	2140	273.43	1.40	EF 87	8
2.6	2020	257.97	1.50	EFA 87	8
2.9	1810	231.26	1.65	EFF 87	8
3.4	1560	199.21	1.90	EFAF87	8
3.2	1620	273.43	1.85		
3.4	1530	257.97	1.95	EF 87	6
3.8	1370	231.26	2.2	EFA 87	6
4.4	1180	199.21	2.5	EFF 87	6
4.9	1080	181.80	2.8	EFAF87	6
3.9	1340	225.79	1.10		
4.5	1180	198.31	1.25	EF 77	6
4.7	1110	186.64	1.35	EFA 77	6
5.3	990	166.47	1.50	EFF 77	6
6.2	840	142.27	1.80	EFAF77	6
6.9	765	129.12	1.95		

输出转速 Output speed (r/min)	输出转矩 Output torque (Nm)	传动比 Ratio (i)	使用系数 Service factor (f_B)	机型号 Type	电机极数 Motor pole
0.55kW					
7.0	750	198.31	2.0		
7.4	705	186.64	2.1		
8.3	630	166.47	2.4	EF 77	4
9.8	540	142.27	2.8	EFA 77	4
11	490	129.12	3.1	EFF 77	4
12	430	114.45	3.5	EFAF77	4
13	410	108.46	3.7		
15	360	94.93	4.2		
7.1	740	195.48	1.10		
8.1	645	170.93	1.25		
8.7	605	160.50	1.35		
9.8	540	142.47	1.50	EF 67	4
12	455	120.84	1.80	EFA 67	4
13	410	109.09	2.0	EFF 67	4
14	365	95.98	2.3	EFAF67	4
15	340	90.63	2.4		
16	325	85.94	2.5		
18	290	76.29	2.8		
8.8	595	157.09	1.00		
10	515	136.16	1.15		
11	480	127.27	1.25		
13	415	110.01	1.45	EF 57	4
15	355	93.47	1.70	EFA 57	4
17	315	83.46	1.90	EFF 57	4
18	285	76.07	2.1	EFAF57	4
20	270	71.10	2.2		
23	230	61.46	2.6		
12	430	114.41	0.95		
14	375	98.90	1.05		
17	315	84.03	1.25		
19	285	75.03	1.40	EF 47	4
22	240	64.08	1.65	EFA 47	4
22	240	63.37	1.65	EFF 47	4
25	205	54.78	1.95	EFAF47	4
30	176	46.54	2.3		
33	157	41.56	2.5		
24	220	58.32	0.90		
25	205	54.54	0.95		
27	195	51.70	1.00		
30	178	47.02	1.15	EF 37	4
32	166	43.83	1.20	EFA 37	4
36	145	38.31	1.40	EFF 37	4
39	136	35.91	1.45	EFAF37	4
44	120	31.69	1.65		
49	106	28.10	1.90		
58	91	23.88	2.2		
68	78	20.57	2.6		
72	73	19.27	2.7		
82	64	17.03	3.1		
88	60	15.81	3.3		
97	54	14.33	3.7		
108	49	12.87	4.1		
125	42	11.08	4.5		
133	39	10.42	4.7		
155	34	8.97	5.2	EF 37	4
174	30	8.01	5.6	EFA 37	4
184	29	7.57	5.1	EFF 37	4
203	26	6.86	5.4	EFAF37	4
226	23	6.16	5.8		
262	20	5.31	6.2		
279	19	4.99	6.4		
323	16	4.30	6.8		
362	15	3.84	7.2		



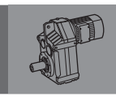
输出转速 Output speed (r/min)	输出转矩 Output torque (Nm)	传动比 Ratio (i)	使用系数 Service factor (f_B)	机型号 Type	电机极数 Motor pole
0.75kW					
0.50	12500	2790	1.45	EF 157ER97	4
				EFA 157ER97	4
				EFF 157ER97	4
				EFAF157ER97	4
0.58	10700	2393	1.70	EF 157ER97	4
0.65	9620	2154	1.85	EFA 157ER97	4
0.83	7460	1670	2.4	EFF 157ER97	4
				EFAF157ER97	4
0.46	13500	3032	0.90	EF 127ER77	4
				EFA 127ER77	4
				EFF 127ER77	4
				EFAF127ER77	4
0.54	11500	2575	1.05		
0.59	10600	2372	1.15	EF 127ER77	4
0.69	8980	2011	1.35	EFA 127ER77	4
0.78	7920	1774	1.50	EFF 127ER77	4
0.88	7050	1578	1.70	EFAF127ER77	4
0.76	8180	1831	0.95		
0.87	7130	1596	1.10		
0.98	6330	1416	1.20		
1.1	5520	1235	1.40		
1.3	4840	1084	1.60	EF 107ER77	4
1.5	4270	956	1.80	EFA 107ER77	4
1.6	3790	848	2.0	EFF 107ER77	4
1.9	3330	746	2.3	EFAF107ER77	4
2.2	2860	641	2.7		
2.5	2480	555	3.1		
3.2	1950	436	3.9		
1.4	4580	1025	0.95		
1.5	4030	903	1.05		
1.7	3560	797	1.20		
2.0	3080	690	1.40	EF 97ER57	4
2.3	2690	603	1.60	EFA 97ER57	4
2.6	2390	534	1.80	EFF 97ER57	4
3.0	2090	468	2.1	EFAF97ER57	4
3.4	1820	407	2.4		
3.8	1620	362	2.7		
2.1	3020	677	1.00		
2.3	2730	611	1.10	EF 87ER57	4
2.7	2260	507	1.30	EFA 87ER57	4
3.1	2020	453	1.50	EFF 87ER57	4
4.1	1520	340	2.0	EFAF87ER57	4
3.8	1650	370	0.90	EF 77ER37	4
4.3	1450	324	1.05	EFA 77ER37	4
5.0	1240	278	1.20	EFF 77ER37	4
				EFAF77ER37	4
2.7	2650	251.75	2.9	EF 107	8
3.2	2240	213.13	3.4	EFA 107	8
				EFF 107	8
				EFAF107	8
2.5	2920	276.99	1.45	EF 97	8
2.7	2670	253.61	1.60	EFA 97	8
3.0	2360	224.06	1.80	EFF 97	8
				EFAF97	8
3.3	2180	276.99	1.95	EF 97	6
3.6	2000	253.61	2.2	EFA 97	6
4.1	1760	224.06	2.4	EFF 97	6
				EFAF97	6

输出转速 Output speed (r/min)	输出转矩 Output torque (Nm)	传动比 Ratio (i)	使用系数 Service factor (f_B)	机型号 Type	电机极数 Motor pole
0.75kW					
3.3	2150	273.43	1.40		
3.5	2030	257.97	1.50	EF 87	6
3.9	1820	231.26	1.65	EFA 87	6
4.6	1570	199.21	1.90	EFF 87	6
5.0	1430	181.80	2.1	EFAF87	6
5.6	1270	161.23	2.4		
5.1	1410	273.43	2.1	EF 87	4
5.4	1330	257.97	2.3	EFA 87	4
6.0	1190	231.26	2.5	EFF 87	4
				EFAF87	4
4.6	1560	198.31	0.95		
4.9	1470	186.64	1.00	EF 77	6
5.5	1310	166.47	1.15	EFA 77	6
6.4	1120	142.27	1.35	EFF 77	6
7.0	1020	129.12	1.50	EFAF77	6
7.0	1020	198.31	1.45		
7.4	960	186.64	1.55		
8.3	860	166.47	1.75	EF 77	4
9.8	735	142.27	2.0	EFA 77	4
11	665	129.12	2.3	EFF 77	4
12	590	114.45	2.5	EFAF77	4
13	560	108.46	2.7		
8.1	880	170.93	0.95		
8.7	830	160.50	1.00		
9.8	735	142.47	1.10		
12	625	120.84	1.30		
13	560	109.09	1.45	EF 67	4
14	495	95.98	1.65	EFA 67	4
15	465	90.63	1.75	EFF 67	4
16	445	85.94	1.85	EFAF67	4
18	395	76.29	2.1		
21	335	64.71	2.5		
24	300	58.42	2.7		
11	655	127.27	0.90		
13	565	110.01	1.05		
15	480	93.47	1.25		
17	430	83.46	1.40	EF 57	4
18	390	76.07	1.55	EFA 57	4
20	365	71.10	1.65	EFF 57	4
23	315	61.46	1.90	EFAF57	4
27	270	52.22	2.2		
30	240	46.62	2.5		
35	205	39.82	2.9		
17	435	84.03	0.90		
19	385	75.03	1.05		
22	330	64.08	1.20		
22	325	63.37	1.25	EF 47	4
25	280	54.78	1.40	EFA 47	4
30	240	46.54	1.65	EFF 47	4
33	215	41.56	1.85	EFAF47	4
39	183	35.50	2.2		
42	171	33.24	2.3		
50	144	28.00	2.8		
30	240	47.02	0.85		
32	225	43.83	0.90		
36	197	38.31	1.00	EF 37	4
39	185	35.91	1.10	EFA 37	4
44	163	31.69	1.20	EFF 37	4
49	145	28.10	1.40	EFAF37	4
58	124	23.88	1.60		



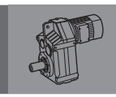
输出转速 Output speed (r/min)	输出转矩 Output torque (Nm)	传动比 Ratio (i)	使用系数 Service factor (f_B)	机型号 Type	电机极数 Motor pole
0.75kW					
68	106	20.57	1.90		
72	99	19.27	2.0		
82	88	17.03	2.3		
88	81	15.81	2.5		
97	74	14.33	2.7		
108	66	12.87	3.0		
125	57	11.08	3.3		
133	54	10.42	3.4	EF 37	4
155	46	8.97	3.8	EFA 37	4
174	41	8.01	4.1	EFF 37	4
184	39	7.57	3.7	EFAF37	4
203	35	6.86	4.0		
226	32	6.16	4.3		
262	27	5.31	4.6		
279	26	4.99	4.7		
323	22	4.30	5.0		
362	20	3.84	5.3		
1.1kW					
0.50	18200	2790	1.00	EF 157ER97	4
0.98	9330	1432	1.95	EFA 157ER97	4
				EFF 157ER97	4
				EFAF157ER97	4
0.59	15600	2393	1.15		
0.65	14000	2154	1.30		
0.72	12700	1951	1.40	EF 157ER97	4
0.84	10900	1670	1.65	EFA 157ER97	4
1.1	8640	1326	2.1	EFF 157ER97	4
1.5	6130	940	2.9	EFAF157ER97	4
1.6	5550	851	3.2		
2.4	3740	574	4.8		
0.70	13100	2011	0.90		
0.79	11600	1774	1.05	EF 127ER77	4
0.89	10300	1578	1.15	EFA 127ER77	4
1.0	9120	1399	1.30	EFF 127ER77	4
1.1	7940	1218	1.50	EFAF127ER77	4
1.3	6960	1068	1.70		
1.1	8050	1235	0.95		
1.3	7070	1084	1.10	EF 107ER77	4
1.5	6230	956	1.25	EFA 107ER77	4
1.7	5530	848	1.40	EFF 107ER77	4
1.9	4860	746	1.60	EFAF107ER77	4
2.2	4180	641	1.85		
2.0	4500	690	0.95		
2.3	3930	603	1.10	EF 97ER57	4
2.6	3480	534	1.25	EFA 97ER57	4
3.0	3050	468	1.40	EFF 97ER57	4
3.4	2650	407	1.60	EFAF97ER57	4
3.9	2360	362	1.80		
3.1	2950	453	1.00	EF 87ER57	4
4.1	2220	340	1.35	EFA 87ER57	4
4.7	1930	296	1.55	EFF 87ER57	4
5.7	1600	245	1.90	EFAF87ER57	4
2.7	3890	251.75	1.95	EF 107	8
3.2	3290	213.13	2.3	EFA 107	8
3.4	3050	197.24	2.5	EFF 107	8
3.8	2730	176.78	2.8	EFAF107	8
3.3	3200	276.99	1.35		
3.6	2930	253.61	1.45	EF 97	6
4.1	2590	224.06	1.65	EFA 97	6
4.8	2190	190.07	1.95	EFF 97	6
5.2	2020	175.01	2.1	EFAF97	6

输出转速 Output speed (r/min)	输出转矩 Output torque (Nm)	传动比 Ratio (i)	使用系数 Service factor (f_B)	机型号 Type	电机极数 Motor pole
1.1kW					
5.1	2080	276.99	2.1	EF 97	4
5.5	1900	253.61	2.3	EFA 97	4
6.2	1680	224.06	2.6	EFF 97	4
				EFAF97	4
3.3	3160	273.43	0.95		
3.5	2980	257.97	1.00	EF 87	6
3.9	2670	231.26	1.10	EFA 87	6
4.6	2300	199.21	1.30	EFF 87	6
5.0	2100	181.80	1.45	EFAF87	6
5.6	1860	161.23	1.60		
5.1	2050	273.43	1.45		
5.4	1940	257.97	1.55		
6.1	1740	231.26	1.75	EF 87	4
7.0	1490	199.21	2.0	EFA 87	4
7.7	1360	181.80	2.2	EFF 87	4
8.7	1210	161.23	2.5	EFAF87	4
10	1020	135.53	3.0		
11	930	124.55	3.2		
7.1	1490	198.31	1.00		
7.5	1400	186.64	1.05		
8.4	1250	166.47	1.20		
9.8	1070	142.27	1.40	EF 77	4
11	970	129.12	1.55	EFA 77	4
12	860	114.45	1.75	EFF 77	4
13	810	108.46	1.85	EFAF77	4
15	710	94.93	2.1		
16	640	85.52	2.3		
19	565	75.02	2.7		
12	910	120.84	0.90		
13	820	109.09	1.00		
15	720	95.98	1.15		
15	680	90.63	1.20		
16	645	85.94	1.25		
18	570	76.29	1.45	EF 67	4
22	485	64.71	1.70	EFA 67	4
24	440	58.42	1.85	EFF 67	4
27	385	51.40	2.1	EFAF67	4
29	365	48.53	2.3		
34	310	41.32	2.6		
37	280	37.55	2.8		
43	245	32.53	3.0		
17	625	83.46	0.95		
18	570	76.07	1.05		
20	535	71.10	1.10		
23	460	61.46	1.30	EF 57	4
27	390	52.22	1.55	EFA 57	4
30	350	46.62	1.70	EFF 57	4
35	300	39.82	2.0	EFAF57	4
38	280	37.30	2.1		
45	235	31.42	2.5		
22	475	63.37	0.85		
26	410	54.78	0.95		
30	350	46.54	1.15	EF 47	4
34	310	41.56	1.30	EFA 47	4
39	265	35.50	1.50	EFF 47	4
42	250	33.24	1.60	EFAF47	4
50	210	28.00	1.90		
48	220	29.04	1.85		
51	205	27.27	1.95	EF 47	4
58	182	24.21	2.2	EFA 47	4
68	154	20.53	2.6	EFF 47	4
76	139	18.54	2.9	EFAF47	4



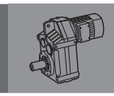
输出转速 Output speed (r/min)	输出转矩 Output torque (Nm)	传动比 Ratio (i)	使用系数 Service factor (f_B)	机型号 Type	电机极数 Motor pole
1.1kW					
44	240	31.69	0.85	EF 37	4
50	210	28.10	0.95	EFA 37	4
59	179	23.88	1.10	EFF 37	4
				EFAF37	4
68	154	20.57	1.30		
73	145	19.27	1.40		
82	128	17.03	1.55		
89	119	15.81	1.70		
98	108	14.33	1.85		
109	97	12.87	2.1		
126	83	11.08	2.3		
134	78	10.42	2.4	EF 37	4
156	67	8.97	2.6	EFA 37	4
175	60	8.01	2.8	EFF 37	4
185	57	7.57	2.6	EFAF37	4
204	51	6.86	2.7		
227	46	6.16	2.9		
264	40	5.31	3.1		
281	37	4.99	3.2		
326	32	4.30	3.4		
365	29	3.84	3.6		
1.5kW					
0.59	21300	2393	0.85		
0.65	19200	2154	0.95		
0.72	17400	1951	1.05	EF 157ER97	4
0.84	14900	1670	1.20	EFA 157ER97	4
1.1	11800	1326	1.50	EFF 157ER97	4
1.5	8380	940	2.1	EFAF157ER97	4
1.6	7590	851	2.4		
2.4	5120	574	3.5		
0.89	14100	1578	0.85		
1.0	12500	1399	0.95		
1.1	10900	1218	1.10	EF 127ER77	4
1.3	9530	1068	1.25	EFA 127ER77	4
1.5	8290	929	1.45	EFF 127ER77	4
1.7	7360	825	1.65	EFAF127ER77	4
2.0	6400	717	1.90		
2.1	5830	654	2.1		
1.5	8530	956	0.90		
1.7	7560	848	1.00		
1.9	6650	746	1.15	EF 107ER77	4
2.2	5720	641	1.35	EFA 107ER77	4
2.5	4950	555	1.55	EFF 107ER77	4
2.8	4390	492	1.75	EFAF107ER77	4
3.2	3890	436	1.95		
3.8	3300	370	2.3		
2.6	4760	534	0.90	EF 97ER57	4
3.0	4170	468	1.05	EFA 97ER57	4
3.4	3630	407	1.20	EFF 97ER57	4
3.9	3230	362	1.35	EFAF97ER57	4
4.7	2640	296	1.15	EF 87ER57	4
5.7	2190	245	1.35	EFA 87ER57	4
				EFF 87ER57	4
				EFAF87ER57	4
2.7	5230	251.75	1.45	EF 107	8
3.2	4420	213.13	1.75	EFA 107	8
3.5	4090	197.24	1.90	EFF 107	8
3.9	3670	176.78	2.1	EFAF107	8

输出转速 Output speed (r/min)	输出转矩 Output torque (Nm)	传动比 Ratio (i)	使用系数 Service factor (f_B)	机型号 Type	电机极数 Motor pole
1.5kW					
3.7	3920	251.75	1.95	EF 107	6
4.3	3320	213.13	2.3	EFA 107	6
4.7	3070	197.24	2.5	EFF 107	6
5.2	2750	176.78	2.8	EFAF107	6
3.3	4310	276.99	1.00		
3.6	3950	253.61	1.10	EF 97	6
4.1	3490	224.06	1.25	EFA 97	6
4.8	2960	190.07	1.45	EFF 97	6
5.3	2720	175.01	1.60	EFAF97	6
5.1	2830	276.99	1.50		
5.5	2590	253.61	1.65	EF 97	4
6.2	2290	224.06	1.90	EFA 97	4
7.4	1940	190.07	2.2	EFF 97	4
8.0	1790	175.01	2.4	EFAF97	4
5.1	2800	273.43	1.05		
5.4	2640	257.97	1.15		
6.1	2370	231.26	1.25		
7.0	2040	199.21	1.45	EF 87	4
7.7	1860	181.80	1.60	EFA 87	4
8.7	1650	161.23	1.80	EFF 87	4
10	1390	135.53	2.2	EFAF87	4
11	1270	124.55	2.4		
13	1130	110.60	2.7		
14	1010	98.89	3.0		
8.4	1700	166.47	0.90		
9.8	1460	142.27	1.05		
11	1320	129.12	1.15		
12	1170	114.45	1.30		
13	1110	108.46	1.35		
15	970	94.93	1.55		
16	870	85.52	1.70		
19	770	75.02	1.95	EF 77	4
19	750	73.45	2.0	EFA 77	4
21	680	66.66	2.2	EFF 77	4
24	605	59.09	2.5	EFAF77	4
25	575	56.00	2.6		
29	500	49.01	3.0		
32	450	44.15	3.3		
36	395	38.73	3.8		
41	350	34.18	4.3		
46	310	30.30	4.8		
15	930	90.63	0.90		
16	880	85.94	0.95		
18	780	76.29	1.05		
22	660	64.71	1.25	EF 67	4
24	600	58.42	1.35	EFA 67	4
27	525	51.40	1.55	EFF 67	4
29	495	48.53	1.65	EFAF67	4
34	425	41.32	1.95		
37	385	37.55	2.0		
43	335	32.53	2.2		
43	330	32.28	2.5	EF 67	4
49	295	28.79	2.8	EFA 67	4
57	250	24.61	3.3	EFF 67	4
				EFAF67	4
23	630	61.46	0.95		
27	535	52.22	1.10	EF 57	4
30	475	46.62	1.25	EFA 57	4
35	405	39.82	1.45	EFF 57	4
38	380	37.30	1.55	EFAF57	4
45	320	31.42	1.85		



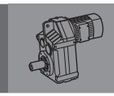
输出转速 Output speed (r/min)	输出转矩 Output torque (Nm)	传动比 Ratio (i)	使用系数 Service factor (f_B)	机型号 Type	电机极数 Motor pole
1.5kW					
34	425	41.56	0.95	EF 47	4
39	365	35.50	1.10	EFA 47	4
42	340	33.24	1.20	EFF 47	4
50	285	28.00	1.40	EFAF47	4
48	295	29.04	1.35		
51	280	27.27	1.45		
58	250	24.21	1.60	EF 47	4
68	210	20.53	1.90	EFA 47	4
76	190	18.54	2.1	EFF 47	4
86	167	16.31	2.4	EFAF47	4
91	158	15.40	2.5		
107	134	13.11	3.0		
68	210	20.57	0.95		
73	197	19.27	1.00		
82	174	17.03	1.15		
89	162	15.81	1.25		
98	147	14.33	1.35		
109	132	12.87	1.50		
126	113	11.08	1.70		
134	107	10.42	1.75	EF 37	4
156	92	8.97	1.90	EFA 37	4
175	82	8.01	2.1	EFF 37	4
185	77	7.57	1.85	EFAF37	4
204	70	6.86	2.0		
227	63	6.16	2.1		
264	54	5.31	2.3		
281	51	4.99	2.4		
326	44	4.30	2.5		
365	39	3.84	2.7		
2.2kW					
0.99	18500	1432	0.95	EF 157ER97	4
				EFA 157ER97	4
				EFF 157ER97	4
				EFAF157ER97	4
1.1	17100	1326	1.05		
1.5	12100	940	1.50	EF 157ER97	4
1.7	11000	851	1.65	EFA 157ER97	4
1.8	9970	772	1.80	EFF 157ER97	4
2.5	7420	574	2.4	EFAF157ER97	4
5.2	3550	275	5.1		
1.3	13800	1068	0.85		
1.5	12000	929	1.00		
1.7	10700	825	1.15	EF 127ER77	4
2.0	9260	717	1.30	EFA 127ER77	4
2.2	8450	654	1.40	EFF 127ER77	4
2.6	7170	555	1.65	EFAF127ER77	4
2.9	6290	487	1.90		
3.3	5550	430	2.2		
2.2	8280	641	0.95		
2.6	7170	555	1.05	EF 107ER77	4
2.9	6360	492	1.20	EFA 107ER77	4
3.3	5630	436	1.35	EFF 107ER77	4
3.8	4780	370	1.60	EFAF107ER77	4
4.3	4300	333	1.80		
5.1	3620	280	1.20	EF 97ER57	4
5.8	3180	246	1.35	EFA 97ER57	4
				EFF 97ER57	4
				EFAF97ER57	4
2.8	7450	251.75	1.05	EF 107	8
3.3	6310	213.13	1.20	EFA 107	8
3.6	5840	197.24	1.30	EFF 107	8
4.0	5230	176.78	1.45	EFAF107	8

输出转速 Output speed (r/min)	输出转矩 Output torque (Nm)	传动比 Ratio (i)	使用系数 Service factor (f_B)	机型号 Type	电机极数 Motor pole
2.2kW					
3.7	5630	251.75	1.35	EF 107	6
4.4	4760	213.13	1.60	EFA 107	6
4.8	4410	197.24	1.75	EFF 107	6
5.3	3950	176.78	1.95	EFAF107	6
5.6	3720	251.75	2.1	EF 107	4
6.7	3150	213.13	2.4	EFA 107	4
7.2	2920	197.24	2.6	EFF 107	4
8.0	2620	176.78	2.9	EFAF107	4
4.2	5010	224.06	0.85	EF 97	6
4.9	4250	190.07	1.00	EFA 97	6
5.4	3910	175.01	1.10	EFF 97	6
6.0	3500	156.43	1.25	EFAF97	6
5.1	4100	276.99	1.05		
5.6	3750	253.61	1.15		
6.3	3310	224.06	1.30	EF 97	4
7.5	2810	190.07	1.55	EFA 97	4
8.1	2590	175.01	1.65	EFF 97	4
9.1	2310	156.43	1.85	EFAF97	4
10	2080	140.82	2.1		
11	1890	127.52	2.3		
7.1	2950	199.21	1.00		
7.8	2690	181.80	1.10		
8.8	2390	161.23	1.25		
10	2010	135.53	1.50		
11	1840	124.55	1.65		
13	1640	110.60	1.85	EF 87	4
14	1460	98.89	2.1	EFA 87	4
16	1320	88.91	2.3	EFF 87	4
18	1140	77.17	2.6	EFAF87	4
21	1020	69.10	2.9		
25	850	57.33	3.5		
28	760	51.50	3.9		
31	685	46.31	4.1		
12	1690	114.45	0.90		
13	1600	108.46	0.95		
15	1400	94.93	1.05		
17	1270	85.52	1.20		
19	1110	75.02	1.35	EF 77	4
19	1090	73.45	1.40	EFA 77	4
21	990	66.66	1.50	EFF 77	4
24	870	59.09	1.70	EFAF77	4
25	830	56.00	1.80		
29	725	49.01	2.1		
32	655	44.15	2.3		
37	575	38.73	2.6		
39	540	36.58	2.1	EF 77	4
45	465	31.51	3.0	EFA 77	4
49	425	28.75	3.4	EFF 77	4
56	375	25.50	4.0	EFAF77	4
22	960	64.71	0.85		
24	860	58.42	0.95	EF 67	4
28	760	51.40	1.10	EFA 67	4
29	720	48.53	1.15	EFF 67	4
34	610	41.32	1.35	EFAF67	4
38	555	37.55	1.40		
44	480	32.53	1.55		
49	425	28.79	1.95		
58	365	24.61	2.3	EF 67	4
64	330	22.33	2.5	EFA 67	4
72	295	19.80	2.8	EFF 67	4
76	280	18.76	3.0	EFAF67	4



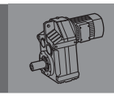
输出转速 Output speed (r/min)	输出转矩 Output torque (Nm)	传动比 Ratio (i)	使用系数 Service factor (f_B)	机型号 Type	电机极数 Motor pole
2.2kW					
30	690	46.62	0.85	EF 57	4
36	590	39.82	1.00	EFA 57	4
38	550	37.30	1.10	EFF 57	4
45	465	31.42	1.25	EFAF57	4
57	370	24.96	1.55		
67	315	21.17	1.90	EF 57	4
74	285	19.11	2.1	EFA 57	4
84	250	16.81	2.4	EFF 57	4
89	235	15.88	2.6	EFAF57	4
59	360	24.21	1.10		
69	305	20.53	1.30		
77	275	18.54	1.45		
87	240	16.31	1.65	EF 47	4
92	230	15.40	1.75	EFA 47	4
108	194	13.11	2.1	EFF 47	4
119	176	11.92	2.3	EFAF47	4
138	153	10.32	2.6		
153	137	9.28	2.2		
169	124	8.38	2.4		
99	210	14.33	0.95		
110	190	12.87	1.05		
128	164	11.08	1.15		
136	154	10.42	1.20		
158	133	8.97	1.30		
177	119	8.01	1.45	EF 37	4
188	112	7.57	1.30	EFA 37	4
207	101	6.86	1.40	EFF 37	4
231	91	6.16	1.50	EFAF37	4
267	79	5.31	1.60		
285	74	4.99	1.65		
330	64	4.30	1.75		
370	57	3.84	1.85		
3kW					
1.5	16600	940	1.10		
1.7	15000	851	1.20	EF 157ER97	4
1.8	13600	772	1.30	EFA 157ER97	4
2.5	10100	574	1.80	EFF 157ER97	4
5.2	4850	275	3.7	EFAF157ER97	4
2.0	12700	717	0.95	EF 127ER77	4
2.2	11500	654	1.05	EFA 127ER77	4
2.6	9800	555	1.20	EFF 127ER77	4
2.9	8600	487	1.40	EFAF127ER77	4
3.3	7700	436	1.00	EF 107ER77	4
3.8	6530	370	1.20	EFA 107ER77	4
4.3	5880	333	1.30	EFF 107ER77	4
4.9	5140	291	1.50	EFAF107ER77	4
4.1	7060	174.86	1.70	EF 127	8
4.5	6350	157.30	1.90	EFA 127	8
5.5	5180	128.33	2.3	EFF 127	8
6.1	4720	117.04	2.5	EFAF127	8
5.5	5220	174.86	2.3	EF 127	6
6.1	4690	157.30	2.6	EFA 127	6
7.5	3830	128.33	3.1	EFF 127	6
8.2	3490	117.04	3.4	EFAF127	6
3.8	7510	251.75	1.00	EF 107	6
4.5	6360	213.13	1.20	EFA 107	6
4.9	5890	197.24	1.30	EFF 107	6
5.4	5280	176.78	1.45	EFAF107	6

输出转速 Output speed (r/min)	输出转矩 Output torque (Nm)	传动比 Ratio (i)	使用系数 Service factor (f_B)	机型号 Type	电机极数 Motor pole
3kW					
5.6	5080	251.75	1.50		
6.7	4300	213.13	1.80	EF 107	4
7.2	3980	197.24	1.95	EFA 107	4
8.0	3570	176.78	2.2	EFF 107	4
8.9	3220	159.60	2.4	EFAF107	4
6.3	4520	224.06	0.95		
7.5	3830	190.07	1.10		
8.1	3530	175.01	1.20		
9.1	3160	156.43	1.35	EF 97	4
10	2840	140.82	1.50	EFA 97	4
11	2570	127.52	1.65	EFF 97	4
13	2280	113.08	1.90	EFAF97	4
14	2060	102.24	2.1		
15	1920	95.09	2.2		
16	1770	87.55	2.4		
10	2730	135.53	1.10		
11	2510	124.55	1.20		
13	2230	110.60	1.35	EF 87	4
14	2000	98.89	1.50	EFA 87	4
16	1790	88.91	1.65	EFF 87	4
18	1560	77.17	1.95	EFAF87	4
21	1390	69.10	2.2		
25	1160	57.33	2.6		
28	1040	51.50	2.8		
17	1730	85.52	0.85		
19	1510	75.02	1.00		
19	1480	73.45	1.00	EF 77	4
21	1340	66.66	1.10	EFA 77	4
24	1190	59.09	1.25	EFF 77	4
25	1130	56.00	1.35	EFAF77	4
29	990	49.01	1.50		
32	890	44.15	1.70		
37	780	38.73	1.90		
39	740	36.58	1.50		
45	635	31.51	2.2	EF 77	4
49	580	28.75	2.5	EFA 77	4
56	515	25.50	2.9	EFF 77	4
66	430	21.43	3.5	EFAF77	4
29	980	48.53	0.85	EF 67	4
34	830	41.32	1.00	EFA 67	4
38	760	37.55	1.05	EFF 67	4
44	655	32.53	1.15	EFAF67	4
49	580	28.79	1.40		
58	495	24.61	1.65		
64	450	22.33	1.80	EF 67	4
72	400	19.80	2.1	EFA 67	4
76	380	18.76	2.2	EFF 67	4
86	330	16.42	2.5	EFAF67	4
96	300	14.79	2.7		
57	505	24.96	1.15		
67	425	21.17	1.40		
74	385	19.11	1.55	EF 57	4
84	340	16.81	1.75	EFA 57	4
89	320	15.88	1.85	EFF 57	4
105	275	13.52	2.2	EFAF57	4
116	250	12.29	2.4		
133	215	10.64	2.8		



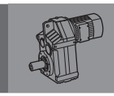
输出转速 Output speed (r/min)	输出转矩 Output torque (Nm)	传动比 Ratio (i)	使用系数 Service factor (f_B)	机型号 Type	电机极数 Motor pole
3kW					
69	415	20.53	0.95		
77	375	18.54	1.05		
87	330	16.31	1.20		
92	310	15.40	1.30	EF 47	4
108	265	13.11	1.50	EFA 47	4
119	240	11.92	1.65	EFF 47	4
138	210	10.32	1.90	EFAF47	4
153	187	9.28	1.60		
169	169	8.38	1.75		
128	225	11.08	0.85		
136	210	10.42	0.90		
158	181	8.97	0.95		
177	162	8.01	1.05		
188	153	7.57	0.95	EF 37	4
207	138	6.86	1.00	EFA 37	4
231	124	6.16	1.10	EFF 37	4
267	107	5.31	1.15	EFAF37	4
285	101	4.99	1.20		
330	87	4.30	1.25		
370	77	3.84	1.35		
4kW					
1.7	19800	851	0.90	EF 157ER97	4
1.9	17900	772	1.00	EFA 157ER97	4
2.5	13300	574	1.35	EFF 157ER97	4
5.2	6390	275	2.8	EFAF157ER97	4
2.6	12900	555	0.95	EF 127ER77	4
3.0	11300	487	1.05	EFA 127ER77	4
3.3	9990	430	1.20	EFF 127ER77	4
3.8	8860	381	1.35	EFAF127ER77	4
4.3	7740	333	1.00	EF 107ER77	4
4.9	6760	291	1.15	EFA 107ER77	4
5.6	5950	256	1.30	EFF 107ER77	4
				EFAF107ER77	4
4.1	9280	174.86	1.30	EF 127	8
4.6	8340	157.30	1.45	EFA 127	8
5.6	6810	128.33	1.75	EFF 127	8
6.2	6210	117.04	1.95	EFAF127	8
5.7	6680	251.75	1.15		
6.8	5650	213.13	1.35		
7.3	5230	197.24	1.45		
8.1	4690	176.78	1.65	EF 107	4
9.0	4230	159.60	1.80	EFA 107	4
9.9	3850	144.96	2.0	EFF 107	4
11	3410	128.62	2.3	EFAF107	4
12	3100	116.71	2.5		
14	2660	100.32	2.9		
8.2	4640	175.01	0.95		
9.2	4150	156.43	1.05		
10	3740	140.82	1.15		
11	3380	127.52	1.25		
13	3000	113.08	1.45	EF 97	4
14	2710	102.24	1.60	EFA 97	4
15	2520	95.09	1.70	EFF 97	4
17	2300	86.66	1.85	EFAF97	4
18	2080	78.26	2.1		
20	1870	70.45	2.3		
23	1690	63.80	2.5		

输出转速 Output speed (r/min)	输出转矩 Output torque (Nm)	传动比 Ratio (i)	使用系数 Service factor (f_B)	机型号 Type	电机极数 Motor pole
4kW					
13	2930	110.60	1.00		
15	2620	98.89	1.15		
16	2360	88.91	1.25	EF 87	4
19	2050	77.17	1.45	EFA 87	4
21	1830	69.10	1.65	EFF 87	4
25	1520	57.33	1.95	EFAF87	4
28	1370	51.50	2.2		
31	1230	46.31	2.3		
22	1770	66.66	0.85		
24	1570	59.09	0.95		
26	1490	56.00	1.00		
29	1300	49.01	1.15	EF 77	4
33	1170	44.15	1.30	EFA 77	4
37	1030	38.73	1.45	EFF 77	4
42	910	34.18	1.65	EFAF77	4
48	800	30.30	1.85		
56	685	25.87	2.1		
46	840	31.51	1.65		
50	765	28.75	1.90	EF 77	4
56	675	25.50	2.2	EFA 77	4
67	570	21.43	2.6	EFF 77	4
73	525	19.70	2.9	EFAF77	4
50	765	28.79	1.05		
59	655	24.61	1.25		
64	590	22.33	1.40		
73	525	19.80	1.55		
77	500	18.76	1.65		
88	435	16.42	1.90		
97	390	14.79	2.1		
111	345	12.98	2.4		
126	305	11.45	2.7	EF 67	4
142	270	10.15	3.0	EFA 67	4
160	240	9.00	2.2	EFF 67	4
166	230	8.67	3.6	EFAF67	4
169	225	8.53	2.5		
193	198	7.46	3.0		
214	179	6.73	3.4		
244	156	5.90	3.8		
276	138	5.21	4.3		
312	123	4.62	4.6		
365	105	3.94	4.8		
68	560	21.17	1.05		
75	505	19.11	1.20		
86	445	16.81	1.35		
91	420	15.88	1.40		
107	360	13.52	1.65		
117	325	12.29	1.85	EF 57	4
135	280	10.64	2.1	EFA 57	4
152	250	9.45	1.30	EFF 57	4
169	225	8.54	1.45	EFAF57	4
192	199	7.51	1.65		
203	188	7.09	1.75		
238	160	6.04	2.1		
262	146	5.49	2.3		
303	126	4.75	2.6		



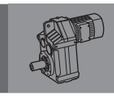
输出转速 Output speed (r/min)	输出转矩 Output torque (Nm)	传动比 Ratio (i)	使用系数 Service factor (f_B)	机型号 Type	电机极数 Motor pole
5.5kW					
2.5	18300	574	1.00		
2.9	16000	502	1.10		
3.3	14000	437	1.30		
4.1	11100	348	1.60	EF 157ER97	4
4.8	9620	301	1.85	EFA 157ER97	4
5.2	8790	275	2.0	EFF 157ER97	4
6.3	7350	230	2.4	EFAF157ER97	4
7.2	6430	201	2.8		
7.3	6330	198	2.8		
3.5	13200	412	0.90		
3.9	12000	374	1.00	EF 127ER87	4
4.6	10000	314	1.20	EFA 127ER87	4
4.9	9460	296	1.25	EFF 127ER87	4
5.5	8340	261	1.45	EFAF127ER87	4
6.4	7190	225	1.65		
3.3	13700	430	0.85	EF 127ER77	4
3.8	12200	381	1.00	EFA 127ER77	4
				EFF 127ER77	4
				EFAF127ER77	4
2.7	19500	267.43	0.90		
3.3	15900	217.62	1.15		
4.0	13000	178.20	1.40		
4.4	11900	162.96	1.50		
5.1	10300	141.80	1.75	EF 157	8
5.8	9130	125.14	1.95	EFA 157	8
6.6	7910	108.49	2.3	EFF 157	8
7.5	7040	96.53	2.6	EFAF157	8
8.6	6130	84.10	2.9		
9.4	5610	76.91	3.2		
11	4880	66.92	3.7		
4.1	12800	174.86	0.95	EF 127	8
4.6	11500	157.30	1.05	EFA 127	8
5.6	9360	128.33	1.30	EFF 127	8
6.2	8540	117.04	1.40	EFAF127	8
5.5	9570	174.86	1.25	EF 127	6
6.1	8610	157.30	1.40	EFA 127	6
7.5	7020	128.33	1.70	EFF 127	6
8.2	6400	117.04	1.85	EFAF127	6
6.8	7770	213.13	1.00		
7.3	7190	197.24	1.05		
8.1	6450	176.78	1.20		
9.0	5820	159.60	1.30		
9.9	5290	144.96	1.45	EF 107	4
11	4690	128.62	1.65	EFA 107	4
12	4260	116.71	1.80	EFF 107	4
14	3660	100.32	2.1	EFAF107	4
16	3380	92.57	2.3		
16	3190	87.57	2.4		
17	3070	84.08	2.5		
11	4650	127.52	0.90		
13	4120	113.08	1.05		
14	3730	102.24	1.15		
15	3470	95.09	1.25		
16	3190	87.55	1.35	EF 97	4
17	3160	86.66	1.35	EFA 97	4
18	2850	78.26	1.50	EFF 97	4
20	2570	70.45	1.65	EFAF97	4
23	2330	63.80	1.85		
25	2060	56.57	2.1		
28	1870	51.15	2.3		

输出转速 Output speed (r/min)	输出转矩 Output torque (Nm)	传动比 Ratio (i)	使用系数 Service factor (f_B)	机型号 Type	电机极数 Motor pole
5.5kW					
16	3240	88.91	0.95		
19	2810	77.17	1.05		
21	2520	69.10	1.20		
25	2090	57.33	1.45	EF 87	4
28	1880	51.50	1.55	EFA 87	4
31	1690	46.31	1.65	EFF 87	4
36	1470	40.19	1.85	EFAF87	4
40	1310	35.99	2.0		
48	1090	29.86	2.3		
42	1250	34.27	2.1	EF 87	4
50	1060	29.07	2.3	EFA 87	4
54	980	26.77	3.1	EFF 87	4
60	870	23.92	3.4	EFAF87	4
29	1790	49.01	0.85		
33	1610	44.15	0.95	EF 77	4
37	1410	38.73	1.05	EFA 77	4
42	1250	34.18	1.20	EFF 77	4
48	1110	30.30	1.35	EFAF77	4
56	940	25.87	1.55		
56	930	25.50	1.60		
67	780	21.43	1.90		
73	720	19.70	2.1	EF 77	4
82	640	17.49	2.4	EFA 77	4
92	570	15.64	2.6	EFF 77	4
102	515	14.06	2.9	EFAF77	4
118	445	12.21	3.4		
73	720	19.80	1.15		
77	685	18.76	1.20		
88	600	16.42	1.35		
97	540	14.79	1.50		
111	475	12.98	1.75		
126	420	11.45	1.95		
142	370	10.15	2.2	EF 67	4
160	330	9.00	1.60	EFA 67	4
166	315	8.67	2.6	EFF 67	4
169	310	8.53	1.85	EFAF67	4
193	270	7.46	2.2		
214	245	6.73	2.5		
244	215	5.90	2.8		
276	190	5.21	3.1		
312	169	4.62	3.3		
365	144	3.94	3.5		
86	615	16.81	1.00		
91	580	15.88	1.05		
107	495	13.52	1.20		
117	450	12.29	1.35	EF 57	4
135	390	10.64	1.55	EFA 57	4
192	275	7.51	1.20	EFF 57	4
203	260	7.09	1.30	EFAF57	4
238	220	6.04	1.50		
262	200	5.49	1.65		
303	173	4.75	1.90		
7.5kW					
4.6	13500	314	0.90		
4.9	12700	296	0.95	EF 127ER87	4
5.6	11200	261	1.05	EFA 127ER87	4
6.5	9680	225	1.25	EFF 127ER87	4
7.3	8560	199	1.40	EFAF127ER87	4



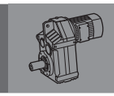
输出转速 Output speed (r/min)	输出转矩 Output torque (Nm)	传动比 Ratio (i)	使用系数 Service factor (f_B)	机型号 Type	电机极数 Motor pole
7.5kW					
3.3	21600	217.62	0.85		
4.0	17700	178.20	1.00		
4.4	16200	162.96	1.10		
5.1	14100	141.80	1.30		
5.8	12400	125.14	1.45		
6.6	10800	108.49	1.65	EF 157	8
7.5	9600	96.53	1.85	EFA 157	8
8.6	8370	84.10	2.2	EFF 157	8
9.4	7650	76.91	2.4	EFAF157	8
11	6660	66.92	2.7		
12	5870	59.06	3.1		
14	5090	51.20	3.5		
16	4530	45.55	4.0		
19	3840	38.65	4.7		
3.6	20000	267.43	0.90		
4.4	16200	217.62	1.10		
5.4	13300	178.20	1.35		
5.9	12200	162.96	1.50		
6.8	10600	141.80	1.70		
7.7	9340	125.14	1.95	EF 157	6
8.8	8090	108.49	2.2	EFA 157	6
9.9	7200	96.53	2.5	EFF 157	6
11	6270	84.10	2.9	EFAF157	6
12	5740	76.91	3.1		
14	4990	66.92	3.6		
16	4410	59.06	4.1		
19	3820	51.20	4.7		
5.6	12800	128.33	0.95	EF 127	8
6.2	11600	117.04	1.05	EFA 127	8
7.1	10100	101.29	1.20	EFF 127	8
8.1	8890	89.38	1.35	EFAF127	8
5.5	13000	174.86	0.90	EF 127	6
6.1	11700	157.30	1.00	EFA 127	6
7.5	9570	128.33	1.25	EFF 127	6
8.2	8730	117.04	1.35	EFAF127	6
8.3	8580	174.86	1.40	EF 127	4
9.3	7720	157.30	1.55	EFA 127	4
11	6290	128.33	1.90	EFF 127	4
12	5740	117.04	2.1	EFAF127	4
8.3	8670	176.78	0.90		
9.1	7830	159.60	1.00		
10	7110	144.96	1.10		
11	6310	128.62	1.20		
13	5720	116.71	1.35	EF 107	4
15	4920	100.32	1.55	EFA 107	4
16	4540	92.57	1.70	EFF 107	4
17	4300	87.57	1.80	EFAF107	4
17	4120	84.08	1.85		
20	3660	74.60	2.1		
22	3320	67.69	2.3		
14	5020	102.24	0.85		
15	4660	95.09	0.90		
17	4250	86.66	1.00		
19	3840	78.26	1.10		
19	3710	75.69	1.15	EF 97	4
21	3460	70.45	1.25	EFA 97	4
23	3130	63.80	1.35	EFF 97	4
26	2770	56.57	1.55	EFAF97	4
29	2510	51.15	1.70		
34	2130	43.35	2.0		
39	1860	37.87	2.3		
46	1550	31.67	2.8		

输出转速 Output speed (r/min)	输出转矩 Output torque (Nm)	传动比 Ratio (i)	使用系数 Service factor (f_B)	机型号 Type	电机极数 Motor pole
7.5kW					
25	2810	57.33	1.05		
28	2530	51.50	1.15	EF 87	4
32	2270	46.31	1.25	EFA 87	4
36	1970	40.19	1.40	EFF 87	4
41	1770	35.99	1.50	EFAF87	4
49	1460	29.86	1.70		
50	1430	29.07	1.70		
55	1310	26.77	2.3		
61	1170	23.92	2.6	EF 87	4
68	1060	21.54	2.8	EFA 87	4
75	960	19.50	3.1	EFF 87	4
84	850	17.29	3.5	EFAF87	4
93	765	15.64	3.9		
43	1680	34.18	0.90	EF 77	4
48	1490	30.30	1.00	EFA 77	4
56	1270	25.87	1.15	EFF 77	4
				EFAF77	4
57	1250	25.50	1.20		
68	1050	21.43	1.45		
74	970	19.70	1.55		
83	860	17.49	1.75		
93	765	15.64	1.95		
104	690	14.06	2.2		
120	600	12.21	2.5	EF 77	4
134	535	10.93	2.8	EFA 77	4
156	460	9.36	2.3	EFF 77	4
176	410	8.31	2.5	EFAF77	4
197	365	7.43	2.8		
219	330	6.68	3.2		
252	285	5.80	3.6		
281	255	5.19	4.1		
339	210	4.31	4.8		
389	184	3.75	5.5		
11kW					
4.9	19000	301	0.95		
5.3	17400	275	1.05	EF 157ER97	4
6.3	14500	230	1.25	EFA 157ER97	4
7.3	12700	201	1.40	EFF 157ER97	4
7.4	12500	198	1.45	EFAF157ER97	4
6.5	14200	225	0.85	EF 127ER87	4
7.3	12600	199	0.95	EFA 127ER87	4
8.7	10500	167	1.15	EFF 127ER87	4
				EFAF127ER87	4
8.0	12389	183.18	2.6	EF 167	4
9.7	10166	150.31	3.1	EFA 167	4
12	8271	122.29	3.9	EFF 167	4
13	7573	111.97	4.2	EFAF167	4
5.1	20400	141.80	0.90	EF 157	8
5.8	18000	125.14	1.00	EFA 157	8
6.7	15600	108.49	1.15	EFF 157	8
7.6	13900	96.53	1.30	EFAF157	8
5.4	19500	178.20	0.90		
5.9	17800	162.96	1.00		
6.8	15500	141.80	1.15	EF 157	6
7.7	13700	125.14	1.30	EFA 157	6
8.8	11900	108.49	1.50	EFF 157	6
9.9	10600	96.53	1.70	EFAF157	6
11	9200	84.10	1.95		
12	8420	76.91	2.1		



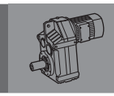
输出转速 Output speed (r/min)	输出转矩 Output torque (Nm)	传动比 Ratio (i)	使用系数 Service factor (f_B)	机型号 Type	电机极数 Motor pole
11kW					
5.5	19200	267.43	0.95		
6.7	15700	217.62	1.15		
8.2	12800	178.20	1.40		
9.0	11700	162.96	1.55		
10	10200	141.80	1.75	EF 157	4
12	9000	125.14	2.0	EFA 157	4
13	7810	108.49	2.3	EFF 157	4
15	6940	96.53	2.6	EFAF157	4
17	6050	84.10	3.0		
19	5530	76.91	3.3		
22	4810	66.92	3.7		
7.5	14000	128.33	0.85		
8.2	12800	117.04	0.95	EF 127	6
9.5	11100	101.29	1.10	EFA 127	6
11	9780	89.38	1.25	EFF 127	6
12	8450	77.19	1.40	EFAF127	6
8.3	12600	174.86	0.95		
9.3	11300	157.30	1.05		
11	9230	128.33	1.30	EF 127	4
12	8420	117.04	1.45	EFA 127	4
14	7290	101.29	1.65	EFF 127	4
16	6430	89.38	1.85	EFAF127	4
19	5550	77.19	2.2		
13	8400	116.71	0.90		
15	7220	100.32	1.05		
16	6660	92.57	1.15		
17	6300	87.57	1.20		
17	6050	84.08	1.25	EF 107	4
20	5370	74.60	1.45	EFA 107	4
22	4870	67.69	1.60	EFF 107	4
25	4190	58.19	1.85	EFAF107	4
29	3650	50.79	2.1		
34	3100	43.08	2.5		
39	2710	37.65	2.8		
46	2290	31.84	3.4		
44	2410	33.44	3.1	EF 107	4
54	1960	27.28	4.0	EFA 107	4
59	1790	24.88	4.4	EFF 107	4
				EFAF107	4
21	5070	70.45	0.85		
23	4590	63.80	0.95		
26	4070	56.57	1.05	EF 97	4
29	3680	51.15	1.15	EFA 97	4
34	3120	43.35	1.40	EFF 97	4
39	2720	37.87	1.60	EFAF97	4
46	2280	31.67	1.90		
48	2190	30.42	1.95	EF 97	4
53	1980	27.46	2.2	EFA 97	4
59	1790	24.94	2.4	EFF 97	4
66	1590	22.13	2.7	EFAF97	4
36	2890	40.19	0.95	EF 87	4
41	2590	35.99	1.00	EFA 87	4
49	2150	29.86	1.15	EFF 87	4
				EFAF87	4
55	1930	26.77	1.55		
61	1720	23.92	1.75		
68	1550	21.54	1.95	EF 87	4
75	1400	19.50	2.1	EFA 87	4
84	1240	17.29	2.4	EFF 87	4
93	1130	15.64	2.7	EFAF87	4
110	950	13.25	3.1		

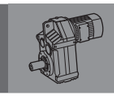
输出转速 Output speed (r/min)	输出转矩 Output torque (Nm)	传动比 Ratio (i)	使用系数 Service factor (f_B)	机型号 Type	电机极数 Motor pole
11kW					
74	1420	19.70	1.05		
83	1260	17.49	1.20		
93	1130	15.64	1.35		
104	1010	14.06	1.50		
120	880	12.21	1.70		
134	785	10.93	1.90	EF 77	4
156	675	9.36	1.55	EFA 77	4
176	600	8.31	1.75	EFF 77	4
197	535	7.43	1.95	EFAF77	4
219	480	6.68	2.2		
252	415	5.80	2.5		
281	375	5.19	2.8		
339	310	4.31	3.3		
389	270	3.75	3.7		
15kW					
6.3	19800	230	0.90	EF 157ER97	4
7.3	17300	201	1.05	EFA 157ER97	4
7.4	17100	198	1.05	EFF 157ER97	4
				EFAF157ER97	4
8.0	17973	183.18	1.78		
9.7	14748	150.31	2.2	EF 167	4
12	11999	122.29	2.7	EFA 167	4
13	10986	111.97	2.9	EFF 167	4
15	9599	97.84	3.3	EFAF167	4
6.8	20900	141.80	0.85		
7.8	18500	125.14	0.95	EF 157	6
8.9	16000	108.49	1.10	EFA 157	6
10	14300	96.53	1.25	EFF 157	6
12	12400	84.10	1.45	EFAF157	6
6.7	21300	217.62	0.85		
8.2	17500	178.20	1.05		
9.0	16000	162.96	1.15		
10	13900	141.80	1.30		
12	12300	125.14	1.45	EF 157	4
13	10600	108.49	1.70	EFA 157	4
15	9470	96.53	1.90	EFF 157	4
17	8250	84.10	2.2	EFAF157	4
19	7550	76.91	2.4		
22	6570	66.92	2.7		
25	5790	59.06	3.1		
9.6	15000	101.29	0.80		
11	13200	89.38	0.90	EF 127	6
13	11400	77.19	1.05	EFA 127	6
14	10600	71.73	1.15	EFF 127	6
15	9660	65.42	1.25	EFAF127	6
11	12600	128.33	0.95		
12	11500	117.04	1.05	EF 127	4
14	9940	101.29	1.20	EFA 127	4
16	8770	89.38	1.35	EFF 127	4
19	7570	77.19	1.60	EFAF127	4
20	7040	71.73	1.70		
15	9840	100.32	0.80		
16	9080	92.57	0.85		
17	8590	87.57	0.90		
17	8250	84.08	0.95		
20	7320	74.60	1.05	EF 107	4
22	6640	67.69	1.15	EFA 107	4
25	5710	58.19	1.35	EFF 107	4
29	4980	50.79	1.55	EFAF107	4
34	4230	43.08	1.80		
39	3690	37.65	2.1		
46	3120	31.84	2.5		
44	3280	33.44	2.3	EF 107	4
54	2680	27.28	2.9	EFA 107	4
59	2440	24.88	3.2	EFF 107	4
68	2110	21.53	3.7	EFAF107	4



输出转速 Output speed (r/min)	输出转矩 Output torque (Nm)	传动比 Ratio (i)	使用系数 Service factor (f_B)	机型号 Type	电机极数 Motor pole
15kW					
34	4250	43.35	1.00	EF 97	4
39	3720	37.87	1.15	EFA 97	4
46	3110	31.67	1.40	EFF 97	4
				EFAF97	4
48	2980	30.42	1.45		
53	2690	27.46	1.60		
59	2450	24.94	1.75		
66	2170	22.13	2.0	EF 97	4
73	1970	20.08	2.2	EFA 97	4
85	1690	17.26	2.5	EFF 97	4
97	1480	15.07	2.9	EFAF97	4
114	1250	12.78	3.4		
131	1100	11.17	3.7		
55	2630	26.77	1.15		
61	2350	23.92	1.30		
68	2110	21.54	1.40		
75	1910	19.50	1.55		
84	1700	17.29	1.75		
93	1530	15.64	1.95		
110	1300	13.25	2.3	EF 87	4
126	1140	11.58	2.6	EFA 87	4
151	950	9.68	3.0	EFF 87	4
170	840	8.60	1.80	EFAF87	4
191	750	7.63	2.0		
212	675	6.89	2.3		
250	575	5.84	2.7		
286	500	5.10	3.1		
342	420	4.27	3.5		
395	365	3.70	4.0		
18.5kW					
7.3	21200	201	0.85	EF 157ER97	4
7.4	20900	198	0.85	EFA 157ER97	4
				EFF 157ER97	4
				EFAF157ER97	4
9.8	18065	150.31	1.77		
12	14698	122.29	2.2	EF 167	4
13	13457	111.97	2.4	EFA 167	4
15	11759	97.84	2.7	EFF 167	4
17	10457	87.01	3.1	EFAF167	4
8.2	21400	178.20	0.85		
9.0	19600	162.96	0.90		
10	17000	141.80	1.05		
12	15000	125.14	1.20		
14	13000	108.49	1.40	EF 157	4
15	11600	96.53	1.55	EFA 157	4
17	10100	84.10	1.80	EFF 157	4
19	9240	76.91	1.95	EFAF157	4
22	8040	66.92	2.2		
25	7100	59.06	2.5		
29	6150	51.20	2.9		
13	14100	117.04	0.85		
15	12200	101.29	1.00		
16	10700	89.38	1.10	EF 127	4
19	9280	77.19	1.30	EFA 127	4
20	8620	71.73	1.40	EFF 127	4
22	7860	65.42	1.55	EFAF127	4
26	6800	56.61	1.75		
29	6000	49.95	2.0		
20	8970	74.60	0.85		
22	8130	67.69	0.95		
25	6990	58.19	1.10	EF 107	4
29	6100	50.79	1.25	EFA 107	4
34	5180	43.08	1.50	EFF 107	4
39	4520	37.65	1.70	EFAF107	4
46	3830	31.84	2.0		

输出转速 Output speed (r/min)	输出转矩 Output torque (Nm)	传动比 Ratio (i)	使用系数 Service factor (f_B)	机型号 Type	电机极数 Motor pole
18.5kW					
44	4020	33.44	1.85	EF 107	4
54	3280	27.28	2.4	EFA 107	4
59	2990	24.88	2.6	EFF 107	4
68	2590	21.53	3.0	EFAF107	4
39	4550	37.87	0.95	EF 97	4
46	3810	31.67	1.15	EFA 97	4
				EFF 97	4
				EFAF97	4
54	3300	27.46	1.30		
59	3000	24.94	1.45		
66	2660	22.13	1.60	EF 97	4
73	2410	20.08	1.80	EFA 97	4
85	2070	17.26	2.1	EFF 97	4
98	1810	15.07	2.4	EFAF97	4
115	1540	12.78	2.8		
132	1340	11.17	3.1		
68	2590	21.54	1.15		
75	2340	19.50	1.30		
85	2080	17.29	1.45		
94	1880	15.64	1.60		
111	1590	13.25	1.90		
127	1390	11.58	2.2	EF 87	4
152	1160	9.68	2.5	EFA 87	4
171	1030	8.60	1.50	EFF 87	4
193	920	7.63	1.65	EFAF87	4
213	830	6.89	1.85		
252	700	5.84	2.2		
288	615	5.10	2.5		
344	515	4.27	2.8		
397	445	3.70	3.3		
22kW					
9.8	21483	150.31	1.49		
12	17479	122.29	1.83		
13	16003	111.97	2.0	EF 167	4
15	13983	97.84	2.3	EFA 167	4
17	12436	87.01	2.6	EFF 167	4
19	10834	75.80	3.0	EFAF167	4
22	9666	67.63	3.3		
10	20900	96.53	0.85	EF 157	6
12	18200	84.10	1.00	EFA 157	6
13	16700	76.91	1.10	EFF 157	6
14	14500	66.92	1.25	EFAF157	6
10	20300	141.80	0.90		
12	17900	125.14	1.00		
14	15500	108.49	1.15		
15	13800	96.53	1.30		
17	12000	84.10	1.50	EF 157	4
19	11000	76.91	1.65	EFA 157	4
22	9560	66.92	1.90	EFF 157	4
25	8440	59.06	2.1	EFAF157	4
29	7320	51.20	2.5		
32	6510	45.55	2.8		
38	5520	38.65	3.3		
46	4560	31.90	3.9		
15	14500	101.29	0.85		
16	12800	89.38	0.95		
19	11000	77.19	1.10	EF 127	4
20	10300	71.73	1.15	EFA 127	4
22	9350	65.42	1.30	EFF 127	4
26	8090	56.61	1.50	EFAF127	4
29	7140	49.95	1.70		
34	6170	43.14	1.95		



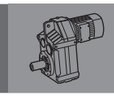


输出转速 Output speed (r/min)	输出转矩 Output torque (Nm)	传动比 Ratio (i)	使用系数 Service factor (f_B)	机型号 Type	电机极数 Motor pole
22kW					
25	8320	58.19	0.90		
29	7260	50.79	1.05	EF 107	4
34	6160	43.08	1.25	EFA 107	4
39	5380	37.65	1.45	EFF 107	4
46	4550	31.84	1.70	EFAF107	4
44	4780	33.44	1.55		
54	3900	27.28	2.0	EF 107	4
59	3560	24.88	2.2	EFA 107	4
68	3080	21.53	2.5	EFF 107	4
77	2720	19.00	2.9	EFAF107	4
54	3920	27.46	1.10		
59	3560	24.94	1.20		
66	3160	22.13	1.35	EF 97	4
73	2870	20.08	1.50	EFA 97	4
85	2470	17.26	1.75	EFF 97	4
98	2150	15.07	2.0	EFAF97	4
115	1830	12.78	2.4		
132	1600	11.17	2.6		
68	3080	21.54	0.95		
75	2790	19.50	1.10		
85	2470	17.29	1.20		
94	2240	15.64	1.35		
111	1890	13.25	1.60		
127	1650	11.58	1.80	EF 87	4
152	1380	9.68	2.1	EFA 87	4
171	1230	8.60	1.25	EFF 87	4
193	1090	7.63	1.40	EFAF87	4
213	980	6.89	1.55		
252	830	5.84	1.85		
288	730	5.10	2.1		
344	610	4.27	2.4		
397	530	3.70	2.8		
30kW					
12	23835	122.29	1.34		
13	21823	111.97	1.47		
15	19068	97.84	1.68	EF 167	4
17	16958	87.01	1.89	EFA 167	4
19	14774	75.80	2.2	EFF 167	4
22	13181	67.63	2.4	EFAF167	4
26	11235	57.65	2.8		
29	9967	51.14	3.2		
14	21000	108.49	0.85		
15	18700	96.53	0.95		
18	16300	84.10	1.10		
19	14900	76.91	1.20	EF 157	4
22	13000	66.92	1.40	EFA 157	4
25	11400	59.06	1.55	EFF 157	4
29	9910	51.20	1.80	EFAF157	4
32	8820	45.55	2.0		
38	7480	38.65	2.4		
19	14900	77.19	0.80		
21	13900	71.73	0.85		
23	12700	65.42	0.95		
26	11000	56.61	1.10	EF 127	4
30	9670	49.95	1.25	EFA 127	4
34	8350	43.14	1.45	EFF 127	4
39	7390	38.16	1.60	EFAF127	4
46	6210	32.07	1.95		
57	5010	25.90	2.4		
54	5320	27.50	1.60	EF 127	4
59	4870	25.15	1.75	EFA 127	4
68	4240	21.88	2.8	EFF 127	4
77	3740	19.31	2.9	EFAF127	4

输出转速 Output speed (r/min)	输出转矩 Output torque (Nm)	传动比 Ratio (i)	使用系数 Service factor (f_B)	机型号 Type	电机极数 Motor pole
30kW					
34	8340	43.08	0.90	EF 107	4
39	7290	37.65	1.05	EFA 107	4
46	6160	31.84	1.25	EFF 107	4
				EFAF107	4
54	5280	27.28	1.50		
59	4820	24.88	1.65		
69	4170	21.53	1.90	EF 107	4
78	3680	19.00	2.1	EFA 107	4
90	3180	16.41	2.5	EFF 107	4
102	2810	14.51	2.7	EFAF107	4
121	2360	12.20	3.0		
150	1910	9.85	3.4		
67	4280	22.13	1.00		
74	3890	20.08	1.10		
86	3340	17.26	1.30		
98	2920	15.07	1.45		
116	2470	12.78	1.75	EF 97	4
132	2160	11.17	1.90	EFA 97	4
166	1720	8.90	1.35	EFF 97	4
183	1560	8.08	1.50	EFAF97	4
213	1340	6.94	1.75		
244	1170	6.06	1.90		
288	990	5.14	2.2		
330	870	4.49	2.4		
389	735	3.80	2.4		
37kW					
12	29198	122.29	1.10		
13	26733	111.97	1.20		
15	23358	97.84	1.37		
17	20773	87.01	1.54	EF 167	4
20	18098	75.80	1.77	EFA 167	4
22	16147	67.63	1.98	EFF 167	4
26	13763	57.65	2.3	EFAF167	4
29	12210	51.14	2.6		
31	11404	47.76	2.8		
33	10637	44.55	3.0		
18	20100	84.10	0.90		
19	18400	76.91	1.00		
22	16000	66.92	1.15		
25	14100	59.06	1.30	EF 157	4
29	12200	51.20	1.45	EFA 157	4
32	10900	45.55	1.65	EFF 157	4
38	9230	38.65	1.95	EFAF157	4
46	7620	31.90	2.4		
55	6460	27.06	2.8		
26	13500	56.61	0.90		
30	11900	49.95	1.00	EF 127	4
34	10300	43.14	1.15	EFA 127	4
39	9110	38.16	1.30	EFF 127	4
46	7660	32.07	1.55	EFAF127	4
57	6180	25.90	1.95		
54	6560	27.50	1.30		
59	6000	25.15	1.40		
68	5220	21.88	2.3		
77	4610	19.31	2.4		
88	4000	16.74	2.8	EF 127	4
99	3560	14.90	3.1	EFA 127	4
117	3020	12.64	3.3	EFF 127	4
142	2490	10.43	3.8	EFAF127	4
157	2250	9.44	3.1		
176	2000	8.39	3.0		
208	1700	7.12	4.1		

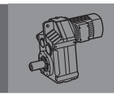
输出转速 Output speed (r/min)	输出转矩 Output torque (Nm)	传动比 Ratio (i)	使用系数 Service factor (f_B)	机型号 Type	电机极数 Motor pole
37kW					
54	6510	27.28	1.20		
59	5940	24.88	1.30		
69	5140	21.53	1.55		
78	4540	19.00	1.75		
90	3920	16.41	2.0		
102	3460	14.51	2.2	EF 107	4
121	2910	12.20	2.4	EFA 107	4
150	2350	9.85	2.8	EFF 107	4
156	2260	9.47	2.2	EFAF107	4
181	1950	8.18	2.5		
204	1730	7.24	2.7		
243	1450	6.08	3.2		
301	1170	4.91	3.9		
45kW					
12	35511	122.29	0.90		
13	32513	111.97	0.98		
15	28409	97.84	1.13		
17	25265	87.01	1.27	EF 167	4
20	22011	75.80	1.45	EFA 167	4
22	19639	67.63	1.63	EFF 167	4
26	16739	57.65	1.91	EFAF167	4
29	14850	51.14	2.2		
31	13870	47.76	2.3		
33	12937	44.55	2.5		
22	19400	66.92	0.95		
25	17100	59.06	1.05		
29	14900	51.20	1.20	EF 157	4
32	13200	45.55	1.35	EFA 157	4
38	11200	38.65	1.60	EFF 157	4
46	9260	31.90	1.95	EFAF157	4
55	7860	27.06	2.3		
30	14500	49.95	0.85		
34	12500	43.14	0.95	EF 127	4
39	11100	38.16	1.10	EFA 127	4
46	9310	32.07	1.30	EFF 127	4
57	7520	25.90	1.60	EFAF127	4
54	7980	27.50	1.05		
59	7300	25.15	1.15		
68	6350	21.88	1.90		
77	5610	19.31	1.95		
88	4860	16.74	2.3		
99	4330	14.90	2.5	EF 127	4
117	3670	12.64	2.7	EFA 127	4
142	3030	10.43	3.1	EFF 127	4
157	2740	9.44	2.6	EFAF127	4
176	2440	8.39	2.5		
208	2070	7.12	3.4		
252	1710	5.88	3.5		
297	1450	4.99	4.1		
54	7920	27.28	1.00		
59	7220	24.88	1.10		
69	6250	21.53	1.25		
78	5520	19.00	1.40		
90	4760	16.41	1.65		
102	4210	14.51	1.80	EF 107	4
121	3540	12.20	2.0	EFA 107	4
150	2860	9.85	2.3	EFF 107	4
156	2750	9.47	1.80	EFAF107	4
181	2370	8.18	2.0		
204	2100	7.24	2.2		
243	1770	6.08	2.6		
301	1430	4.91	3.2		

输出转速 Output speed (r/min)	输出转矩 Output torque (Nm)	传动比 Ratio (i)	使用系数 Service factor (f_B)	机型号 Type	电机极数 Motor pole
55kW					
15	34722	97.84	0.92		
17	30879	87.01	1.04		
20	26902	75.80	1.19		
22	24003	67.63	1.33		
26	20459	57.65	1.56	EF 167	4
29	18149	51.14	1.76	EFA 167	4
31	16952	47.76	1.89	EFF 167	4
33	15812	44.55	2.0	EFAF167	4
37	14108	39.75	2.3		
44	12025	33.88	2.7		
53	9964	28.07	3.2		
25	21000	59.06	0.85		
29	18200	51.20	1.00	EF 157	4
32	16200	45.55	1.10	EFA 157	4
38	13700	38.65	1.30	EFF 157	4
46	11300	31.90	1.60	EFAF157	4
55	9600	27.06	1.85		
52	10100	28.60	1.70		
58	9020	25.43	1.65	EF 157	4
67	7860	22.16	2.3	EFA 157	4
75	7020	19.77	2.4	EFF 157	4
88	5980	16.85	3.0	EFAF157	4
39	13500	38.16	0.90	EF 127	4
46	11400	32.07	1.05	EFA 127	4
57	9190	25.90	1.30	EFF 127	4
				EFAF127	4
68	7760	21.88	1.55		
77	6850	19.31	1.60		
88	5940	16.74	1.85		
99	5290	14.90	2.1		
117	4490	12.64	2.2	EF 127	4
142	3700	10.43	2.6	EFA 127	4
157	3350	9.44	2.1	EFF 127	4
176	2980	8.39	2.0	EFAF127	4
208	2530	7.12	2.8		
252	2090	5.88	2.9		
297	1770	4.99	3.4		
75kW					
22	32731	67.63	0.98		
26	27898	57.65	1.15		
29	24749	51.14	1.29		
31	23116	47.76	1.38	EF 167	4
33	21562	44.55	1.48	EFA 167	4
37	19238	39.75	1.66	EFF 167	4
44	16398	33.88	1.95	EFAF167	4
53	13587	28.07	2.4		
62	11595	23.96	2.8		
32	22000	45.55	0.80	EF 157	4
38	18700	38.65	0.95	EFA 157	4
46	15400	31.90	1.15	EFF 157	4
55	13100	27.06	1.35	EFAF157	4
52	13800	28.60	1.25		
58	12300	25.43	1.20		
67	10700	22.16	1.70	EF 157	4
75	9570	19.77	1.80	EFA 157	4
88	8150	16.85	2.2	EFF 157	4
106	6760	13.96	2.5	EFAF157	4
124	5770	11.92	2.8		
57	12500	25.90	0.95	EF 127	4
				EFA 127	4
				EFF 127	4
				EFAF127	4



输出转速 Output speed (r/min)	输出转矩 Output torque (Nm)	传动比 Ratio (i)	使用系数 Service factor (f_B)	机型号 Type	电机极数 Motor pole
75kW					
68	10600	21.88	1.15		
77	9340	19.31	1.20		
88	8100	16.74	1.35		
99	7210	14.90	1.55		
117	6120	12.64	1.65	EF 127	4
142	5050	10.43	1.90	EFA 127	4
157	4570	9.44	1.55	EFF 127	4
176	4060	8.39	1.50	EFAF127	4
208	3450	7.12	2.0		
252	2850	5.88	2.1		
297	2410	4.99	2.5		
90kW					
26	33365	57.65	0.96		
29	29599	51.14	1.08		
31	27646	47.76	1.16	EF 167	4
33	25787	44.55	1.24	EFA 167	4
37	23008	39.75	1.39	EFF 167	4
44	19611	33.88	1.63	EFAF167	4
53	16249	28.07	1.97		
62	13868	23.96	2.3		
63	13632	23.55	2.3	EF 167	4
70	12227	21.13	2.6	EFA 167	4
81	10616	18.34	3.0	EFF 167	4
89	9632	16.64	3.3	EFAF167	4
47	18500	31.90	1.00	EF 157	4
55	15700	27.06	1.15	EFA 157	4
				EFF 157	4
				EFAF157	4
67	12800	22.16	1.40		
75	11400	19.77	1.50	EF 157	4
88	9750	16.85	1.85	EFA 157	4
106	8080	13.96	2.1	EFF 157	4
125	6900	11.92	2.3	EFAF157	4
57	15000	25.90	0.80	EF 127	4
				EFA 127	4
				EFF 127	4
				EFAF127	4
89	9690	16.74	1.15		
100	8620	14.90	1.30		
117	7320	12.64	1.35		
142	6040	10.43	1.55	EF 127	4
157	5460	9.44	1.30	EFA 127	4
177	4860	8.39	1.25	EFF 127	4
209	4120	7.12	1.70	EFAF127	4
253	3400	5.88	1.75		
298	2890	4.99	2.1		
110kW					
31	33789	47.76	0.95		
33	31518	44.55	1.02	EF 167	4
37	28121	39.75	1.14	EFA 167	4
44	23969	33.88	1.34	EFF 167	4
53	19860	28.07	1.61	EFAF167	4
62	16949	23.96	1.89		
81	12975	18.34	2.5	EF 167	4
89	11773	16.64	2.7	EFA 167	4
104	10141	14.34	3.2	EFF 167	4
123	8523	12.05	3.8	EFAF167	4
55	19100	27.06	0.95	EF 157	4
				EFA 157	4
				EFF 157	4
				EFAF157	4

输出转速 Output speed (r/min)	输出转矩 Output torque (Nm)	传动比 Ratio (i)	使用系数 Service factor (f_B)	机型号 Type	电机极数 Motor pole
110kW					
67	15700	22.16	1.15		
75	14000	19.77	1.20	EF 157	4
88	11900	16.85	1.50	EFA 157	4
106	9870	13.96	1.70	EFF 157	4
125	8430	11.92	1.90	EFAF157	4
132kW					
37	33745	39.75	0.95	EF 167	4
44	28763	33.88	1.11	EFA 167	4
53	23832	28.07	1.34	EFF 167	4
62	20339	23.96	1.57	EFAF167	4
81	15571	18.34	2.1		
89	14127	16.64	2.3	EF 167	4
104	12169	14.34	2.6	EFA 167	4
123	10227	12.05	3.1	EFF 167	4
142	8855	10.43	3.6	EFAF167	4
67	18800	22.16	0.95		
75	16800	19.77	1.00	EF 157	4
88	14300	16.85	1.25	EFA 157	4
106	11800	13.96	1.45	EFF 157	4
125	10100	11.92	1.60	EFAF157	4
160kW					
44	34864	33.88	0.92	EF 167	4
53	28887	28.07	1.11	EFA 167	4
62	24654	23.96	1.30	EFF 167	4
				EFAF167	4
81	18873	18.34	1.70		
89	17124	16.64	1.87		
104	14751	14.34	2.2	EF 167	4
123	12397	12.05	2.6	EFA 167	4
142	10733	10.43	3.0	EFF 167	4
171	8945	8.69	3.6	EFAF167	4
200	7626	7.41	4.2		
88	17300	16.85	1.05	EF 157	4
106	14400	13.96	1.20	EFA 157	4
125	12300	11.92	1.30	EFF 157	4
				EFAF157	4
200kW					
53	36109	28.07	0.89	EF 167	4
62	30817	23.96	1.04	EFA 167	4
				EFF 167	4
				EFAF167	4
81	23592	18.34	1.36		
89	21405	16.64	1.49		
104	18438	14.34	1.74	EF 167	4
123	15496	12.05	2.1	EFA 167	4
142	13417	10.43	2.4	EFF 167	4
171	11181	8.69	2.9	EFAF167	4
200	9533	7.41	3.4		
88	21700	16.85	0.85	EF 157	4
106	18000	13.96	0.95	EFA 157	4
125	15300	11.92	1.05	EFF 157	4
				EFAF157	4



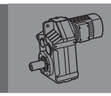
EF系列恒扭矩选型参数表
Constant torque model selection parameter form of EF series

输出转速 Output speed (r/min)	传动比 Ratio (i)	机型号 Type	电机功率 Power (kW)/4P
200Nm			
0.17	8193		
0.20	6909		
0.21	6760		
0.24	5756		
0.28	4962		
0.32	4336		
0.36	3875		0.12
0.41	3392		
0.47	2965		
0.54	2587		
0.61	2284		
0.70	1996		
0.72	1929	EF 37ER17	
0.83	1679	EFA 37ER17	
0.90	1550	EFF 37ER17	
1.0	1356	EFAF37ER17	
1.2	1180		
1.3	1036		
1.5	914		
1.7	808		0.12
2.0	698		
2.3	616		
2.6	544		
3.0	466		
3.4	411		
3.8	364		
4.3	326		0.12
4.9	285		
5.6	250		
6.3	219		0.18
7.5	186		
8.3	167		
9.6	145		0.25
11	129		
400Nm			
0.11	12637		
0.14	10296		
0.14	9651		
0.16	8517		
0.18	7550		
0.21	6562		
0.24	5734		0.12
0.27	5084		
0.31	4418		
0.36	3910		
0.40	3445		
0.47	2946		
0.53	2599		
0.59	2371	EF 47ER17	
0.62	2226	EFA 47ER17	
0.68	2044	EFF 47ER17	
0.78	1789	EFAF47ER17	
0.89	1561		
1.0	1378		0.12
1.2	1178		
1.3	1063		
1.5	928		
1.7	822		
2.0	699		
2.2	622		0.18

输出转速 Output speed (r/min)	传动比 Ratio (i)	机型号 Type	电机功率 Power (kW)/4P
400Nm			
2.7	518		
2.8	493		
3.2	429		0.18
3.6	383		
4.1	335	EF 47ER17	
4.7	295	EFA 47ER17	0.25
5.5	251	EFF 47ER17	
6.3	219	EFAF47ER17	
7.4	188		0.37
7.8	179		
9.3	149		
11	131		0.55
600Nm			
0.09	14831		
0.10	13604		
0.11	12601		
0.12	11251		
0.14	9986		
0.16	8786		
0.18	7908		0.12
0.20	6913		
0.23	6102		
0.26	5289		
0.30	4654		
0.34	4039		
0.39	3565		
0.44	3160		
0.49	2854		
0.54	2576		
0.61	2266		
0.69	2012		
0.78	1791		0.12
0.86	1617		
0.98	1423	EF 57ER37	
1.1	1244	EFA 57ER37	
1.3	1066	EFF 57ER37	
1.5	949	EFAF57ER37	
1.6	856		
1.9	749		0.18
2.1	659		
2.5	549		
2.9	483		0.25
3.3	426		
3.6	382		0.25
4.2	330		
4.7	298		0.37
5.3	262		
6.2	226		
7.0	200		0.55
8.2	170		
9.1	152		0.75
10	134		

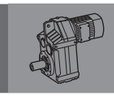
输出转速 Output speed (r/min)	传动比 Ratio (i)	机型号 Type	电机功率 Power (kW)/4P
820Nm			
0.07	19207	EF 67ER37 EFA 67ER37 EFF 67ER37 EFAF67ER37	0.12
0.08	17618		
0.09	15000		
0.11	12933		
0.12	11486		
0.14	10224		
0.16	8937		
0.17	7945		
0.20	7099		
0.23	6083		
0.26	5352		
0.30	4667		
0.34	4093		
0.39	3574		
0.44	3134		
0.50	2757		
0.56	2472		
0.42	3317		0.12
0.46	3011		
0.52	2669		
0.59	2351		
0.65	2130		
0.76	1829		
0.87	1605		
0.95	1464		
1.1	1252		
1.2	1128		0.18
1.4	969		
1.6	859		
1.9	727		0.25
2.2	639		
2.6	539		
0.74	1885		0.12
2.8	497		0.25
3.1	449		0.37
3.6	385		
4.1	339		0.55
4.7	296		
5.3	262		
5.9	234		
7.0	200		0.75
1500Nm			
0.07	19180	EF 77ER37 EFA 77ER37 EFF 77ER37 EFAF77ER37	0.12
0.08	17592		
0.09	15967		
0.09	14978		
0.10	13594		
0.12	12049		
0.13	10925		
0.14	9683		
0.16	8464		
0.18	7519		
0.21	6581		
0.24	5807		
0.27	5058		
0.31	4494		
0.36	3832		
0.41	3362		
0.47	2987		
0.53	2611		
0.60	2315		

输出转速 Output speed (r/min)	传动比 Ratio (i)	机型号 Type	电机功率 Power (kW)/4P
1500Nm			
0.68	2056	EF 77ER37 EFA 77ER37 EFF 77ER37 EFAF77ER37	0.18
0.81	1711		0.18
0.90	1543		
1.0	1354		
1.2	1203		0.25
1.3	1057		
1.5	913		0.37
1.7	810		
2.0	710		
2.3	615		0.55
2.6	538		
2.9	480		
3.4	410		0.75
3.8	370		
4.3	324		1.1
3000Nm			
0.06	22977	EF 87ER57 EFA 87ER57 EFF 87ER57 EFAF87ER57	0.12
0.07	20766		
0.08	18185		
0.09	15831		
0.10	14017		
0.11	12170		
0.13	10424		
0.15	9359		
0.17	8061		
0.19	7156		
0.22	6280		
0.25	5501		
0.28	4985		
0.33	4189		0.18
0.38	3700		
0.43	3207		0.18
0.48	2926		
0.55	2521		0.25
0.63	2200		
0.71	1951		
0.81	1715		0.37
0.93	1500		
1.1	1302		0.55
1.2	1150		
1.4	1008		
1.6	895		
1.8	779		0.75
2.1	677		
2.3	611		1.1
2.8	507		
3.1	453		
4.1	340		1.5



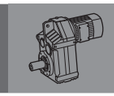
输出转速 Output speed (r/min)	传动比 Ratio (i)	机型号 Type	电机功率 Power (kW)/4P
4300Nm			
0.07	20799	EF 97ER57 EFA 97ER57 EFF 97ER57 EFAF97ER57	0.12
0.08	18233		
0.09	15467		
0.10	14046		
0.11	12329		
0.13	10933		
0.15	9453		
0.17	8320		
0.19	7318		
0.22	6397		0.18
0.25	5624		
0.28	4937		
0.32	4355		
0.36	3863		0.18
0.41	3361		0.25
0.48	2895		
0.55	2547		0.37
0.62	2249		
0.70	1979		
0.81	1722		0.55
0.91	1532		
1.0	1327		
1.2	1173		0.75
1.4	1025		
1.6	903		1.1
1.8	797		
2.0	690		
2.3	603		1.5
2.6	534		
3.0	468		
3.5	407		2.2
3.9	362		
5.1	280		3
5.8	246		
7680Nm			
0.05	25371	EF 107ER77 EFA 107ER77 EFF 107ER77 EFAF107ER77	0.12
0.06	21656		
0.07	18998		
0.08	16892		
0.09	14724		
0.12	11398		0.18
0.14	10009		
0.16	8452		
0.18	7630		
0.21	6717		0.25
0.23	5944		
0.27	5235		
0.30	4645		0.37
0.35	4020		
0.39	3564		
0.45	3118		0.55
0.51	2724		
0.58	2377		

输出转速 Output speed (r/min)	传动比 Ratio (i)	机型号 Type	电机功率 Power (kW)/4P
7680Nm			
0.67	2080	EF 107ER77 EFA 107ER77 EFF 107ER77 EFAF107ER77	0.75
0.76	1831		
0.88	1596		1.1
0.99	1416		
1.1	1235		
1.3	1084		1.5
1.5	956		
1.7	848		2.2
1.9	746		
2.2	641		
2.6	555		3
2.9	492		
3.3	436		
3.9	370		4
4.3	333		
12000Nm			
0.06	24541	EF 127ER77 EFA 127ER77 EFF 127ER77 EFAF127ER77	0.12
0.06	22076		
0.07	18792		0.18
0.08	16533		
0.09	14873		
0.11	12997		
0.12	11458		
0.14	10063		0.25
0.16	8853		
0.18	7520		0.37
0.21	6735		
0.23	5926		
0.27	5128		0.55
0.31	4525		
0.36	3908		
0.40	3451		0.75
0.46	3032		
0.54	2575		0.75
0.59	2372		1.1
0.70	2011		
0.79	1774		
0.89	1578		1.5
1.0	1399		
1.2	1218		2.2
1.3	1068		
1.5	929		
1.7	825		3
2.0	717		
2.2	654		4
2.6	555		
3.0	487		
3.3	430		5.5
3.8	381		



输出转速 Output speed (r/min)	传动比 Ratio (i)	机型号 Type	电机功率 Power (kW)/4P
12000Nm			
3.0	486	EF 127ER87 EFA 127ER87 EFF 127ER87 EFAF127ER87	5.5
3.5	412		
3.9	374		
4.6	314		7.5
4.9	296		
5.6	261		11
6.5	225		
7.3	199		
18000Nm			
0.04	31544	EF 157ER97 EFA 157ER97 EFF 157ER97 EFAF157ER97	0.55
0.05	26042		
0.06	23766		
0.07	20361		
0.08	17717		
0.09	16282		
0.10	13555		
0.12	12060		
0.14	10088		
0.16	8903		
0.17	8143		
0.20	7060		
0.22	6304		
0.26	5342		0.75
0.29	4840		
0.33	4152		
0.39	3599		1.1
0.44	3202		
0.50	2790		
0.99	1432		2.2
0.59	2393		1.5
0.65	2154		
0.73	1951		2.2
0.85	1670		
1.1	1326		3
1.5	940		4
1.7	851		
1.9	772		
2.1	674		5.5
2.5	574		
2.9	502		7.5
3.3	437		
4.2	348		11
4.9	301		
5.3	275		
6.3	230		15
7.3	201		
7.4	198		18.5

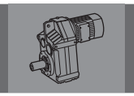
输出转速 Output speed (r/min)	传动比 Ratio (i)	机型号 Type	电机功率 Power (kW)/4P



EF系列轴输入型选型参数表（n=1400 r/min）
Model selection parameter form of shaft input type of EF series(n=1400 r/min)

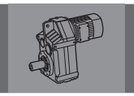
传动比 Ratio (i)	输出转速 Output speed (r/min)	许用扭矩 Permissible torque (Nm)	额定功率 Nominal Power Ratings (kW)	机型号 Type	
128.51	11	200	0.25	EF 37 EFA 37 EFF 37 EFAF37	AD1
117.88	12	200	0.27		
100.36	14	200	0.32		
86.53	16	200	0.37		
80.65	17	200	0.40		
70.50	20	200	0.46		
66.09	21	200	0.49		
58.32	24	200	0.55		
54.54	26	200	0.59		
51.70	27	200	0.62		
47.02	30	200	0.69		AD2
43.83	32	200	0.74		
38.31	37	200	0.84		
35.91	39	200	0.90		
31.69	44	200	1.0		
28.10	50	200	1.1		
23.88	59	200	1.3		
23.63	59	200	1.3		AD2
20.57	68	200	1.5		
19.27	73	200	1.6		
17.03	82	200	1.8		
15.81	89	200	2.0		
14.33	98	200	2.2		
12.87	109	200	2.4		
11.08	126	190	2.7		
10.42	134	185	2.8		
8.97	156	175	3.0		
8.01	175	170	3.3		
7.57	185	145	3.0		
6.86	204	140	3.2		
6.16	227	135	3.4		
5.31	264	125	3.7		
4.99	280	120	3.7		
4.30	326	110	4.0		
3.84	365	105	4.3		
179.53	7.8	400	0.36	EF 47 EFA 47 EFF 47 EFAF47	AD1
165.06	8.5	400	0.39		
141.22	9.9	400	0.46		
122.41	11	400	0.53		
114.41	12	400	0.56		
98.90	14	400	0.65		
84.03	17	400	0.77		
75.03	19	400	0.86		
64.08	22	400	1.0		
63.37	22	400	1.0		AD2
54.78	26	400	1.2		
46.54	30	400	1.4		
41.56	34	400	1.6		
35.50	39	400	1.8		
33.24	42	400	1.9		
28.00	50	400	2.3		
29.04	48	400	2.1		AD2
27.27	51	400	2.3		
24.21	58	400	2.6		
20.53	68	400	3.0		
18.54	76	400	3.4		
16.31	86	400	3.8		
15.40	91	400	4.1		
13.11	107	400	4.8		
11.92	117	400	5.2		
10.32	136	380	5.7		
9.28	151	250	4.2		
8.38	167	250	4.7		
7.37	190	230	4.9		
6.96	201	225	5.0		
5.93	236	200	5.3		
5.39	260	191	5.5		
4.67	300	173	5.8		

传动比 Ratio (i)	输出转速 Output speed (r/min)	许用扭矩 Permissible torque (Nm)	额定功率 Nominal Power Ratings (kW)	机型号 Type	
199.70	7.0	600	0.48	EF 57 EFA 57 EFF 57 EFAF57	AD2
183.60	7.6	600	0.53		
157.09	8.9	600	0.62		
136.16	10	600	0.71		
127.27	11	600	0.76		
110.01	13	600	0.88		
93.47	15	600	1.0		
83.46	17	600	1.2		
76.07	18	600	1.3		
71.10	20	600	1.4		
61.46	23	600	1.6		
52.22	27	600	1.9		
46.62	30	600	2.1		
39.82	35	600	2.4		
37.30	38	600	2.6		
31.42	45	590	3.0		
40.13	35	265	1.0		AD2
34.24	41	440	2.0		
29.94	47	415	2.2		
28.12	50	410	2.3		
24.96	56	575	3.6		
21.17	66	600	4.4		AD3
19.11	73	600	4.9		
16.81	83	600	5.6		
15.88	88	600	5.9		
13.52	104	600	6.9		
12.29	114	600	7.6		
10.64	132	600	8.8		
9.45	148	310	5.1		
8.54	164	310	5.7		
7.51	186	400	8.3		
7.09	197	390	8.6		
6.04	232	355	9.2		
5.49	255	335	9.5		
4.75	295	305	10.0		
229.10	6.1	820	0.58	EF 67 EFA 67 EFF 67 EFAF67	AD2
195.48	7.2	820	0.68		
170.93	8.2	820	0.77		
160.50	8.7	820	0.82		
142.47	9.8	820	0.93		
120.84	12	820	1.1		
109.09	13	820	1.2		
95.98	15	820	1.4		
90.63	15	820	1.5		
85.94	16	820	1.5		
76.29	18	820	1.7		
64.71	22	820	2.0		
58.42	24	820	2.3		
51.40	27	820	2.6		
48.53	29	820	2.7		
41.32	34	820	3.2		
37.55	37	780	3.3		
32.53	43	740	3.7		
32.28	43	590	2.9		AD2
28.79	49	820	4.4		AD3
24.61	57	820	5.2		
22.33	63	820	5.7		
19.80	71	820	6.5		
18.76	75	820	6.8		
16.42	85	820	7.8		
14.79	95	820	8.6		
12.98	108	820	9.9		
11.45	122	800	10.9		
10.15	138	745	11.4		
9.00	156	450	7.8		
8.67	162	670	12.1		
8.53	164	440	8.0		
7.46	188	410	8.6		
6.73	208	385	8.9		
5.90	237	355	9.4		
5.21	269	330	9.9		
4.62	303	305	10.3		
3.94	355	275	10.9		



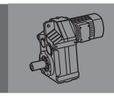
传动比 Ratio (i)	输出转速 Output speed (r/min)	许用扭矩 Permissible torque (Nm)	额定功率 Nominal Power Ratings (kW)	机型号 Type	
281.71	5.0	1500	0.86		
260.59	5.4	1500	0.93		
225.79	6.2	1500	1.1		
198.31	7.1	1500	1.2		
186.64	7.5	1500	1.3		
166.47	8.4	1500	1.5		
142.27	9.8	1500	1.7		
129.12	11	1500	1.9		
114.45	12	1500	2.1		
108.46	13	1500	2.2		AD2
94.93	15	1500	2.5		
85.52	16	1500	2.8		
75.02	19	1500	3.2		
73.45	19	1500	3.3		
66.66	21	1500	3.6		
59.09	24	1500	4.1		
56.00	25	1500	4.3		
49.01	29	1500	4.9		
44.15	32	1500	5.5		
38.73	36	1500	6.2	EF 77	
34.18	41	1500	7.1	EFA 77	AD3
30.30	46	1500	8.0	EFF 77	
25.87	54	1450	9.0	EFAF77	
36.58	38	1110	4.7		
31.51	44	1110	5.5		AD3
28.75	49	1200	6.5		
25.50	55	1500	9.2		
21.43	65	1500	10.9		
19.70	71	1500	11.9		
17.49	80	1500	13.4		
15.64	90	1500	15.0		
14.06	100	1420	15.7		
12.21	115	1280	16.4		
10.93	128	1180	16.8		AD4
9.36	150	810	13.5		
8.31	168	765	14.4		
7.43	188	720	15.1		
6.68	210	670	15.6		
5.80	241	605	16.3		
5.19	270	555	16.7		
4.31	325	470	17.0		
3.75	374	470	19.6		
273.43	5.1	3000	1.8		
257.97	5.4	3000	1.9		
231.26	6.1	3000	2.1		
199.21	7.0	3000	2.4		
181.80	7.7	3000	2.7		
161.23	8.7	3000	3.0		AD2
135.53	10	3000	3.6		
124.55	11	3000	3.9		
110.60	13	3000	4.4		
98.89	14	3000	4.9		
88.91	16	3000	5.4		
77.17	18	3000	6.3		
69.10	20	3000	7.0	EF 87	
57.33	24	3000	8.4	EFA 87	
51.50	27	2940	9.2	EFF 87	AD3
46.31	30	2820	9.8	EFAF87	
40.19	35	2720	10.9		
35.99	39	2610	11.7		AD4
29.86	47	2510	13.5		
34.27	41	2560	11.7		
29.07	48	2390	12.8		AD4

传动比 Ratio (i)	输出转速 Output speed (r/min)	许用扭矩 Permissible torque (Nm)	额定功率 Nominal Power Ratings (kW)	机型号 Type	
26.77	52	3000	17.5		
23.92	59	3000	20		
21.54	65	3000	22		
19.50	72	3000	24		
17.29	81	3000	27		
15.64	90	3000	30		
13.25	106	3000	35	EF 87	
11.58	121	3000	40	EFA 87	AD5
9.68	145	2880	46	EFF 87	
8.60	163	1530	28	EFAF87	
7.63	184	1530	31		
6.89	203	1530	35		
5.84	240	1530	41		
5.10	274	1510	46		
4.27	328	1260	46		
3.70	379	1260	53		
276.99	5.1	4300	2.5		
253.61	5.5	4300	2.7		
224.06	6.2	4300	3.1		
190.07	7.4	4300	3.6		
175.01	8.0	4300	4.0		
156.43	8.9	4300	4.4		
140.82	9.9	4300	4.9		AD3
127.52	11	4300	5.4		
113.08	12	4300	6.1		
102.24	14	4300	6.8		
95.09	15	4300	7.3		
87.55	16	4300	7.9		
86.66	16	4300	8.0		
78.26	18	4300	8.9		
75.69	18	4300	9.2		
70.45	20	4300	9.8		
63.80	22	4300	10.9		
56.57	25	4300	12.2		
51.15	27	4300	13.5	EF 97	AD4
43.35	32	4300	16.0	EFA 97	
37.87	37	4300	18.3	EFF 97	
31.67	44	4300	22	EFAF97	
30.42	46	4300	22		
27.46	51	4300	24		AD5
24.94	56	4300	27		
22.13	63	4300	30		
20.08	70	4300	33		
17.26	81	4300	39		
15.07	93	4300	45		
12.78	110	4300	52		
11.17	125	4100	57		
8.90	157	2360	41		AD6
8.08	173	2360	46		
6.94	202	2360	53		
6.06	231	2250	58		
5.14	272	1930	59		
4.49	312	1690	59		
3.80	369	1690	69		
251.75	5.6	7680	4.9		
213.13	6.6	7680	5.8		
197.24	7.1	7680	6.3		
176.78	7.9	7680	7.0		
159.60	8.8	7680	7.8		
144.96	9.7	7680	8.5		
128.62	11	7680	9.6	EF 107	
116.71	12	7680	10.6	EFA 107	
100.32	14	7680	12.3	EFF 107	AD4
92.57	15	7680	13.4	EFAF107	
87.57	16	7680	14.1		
84.08	17	7680	14.7		
74.60	19	7680	16.6		

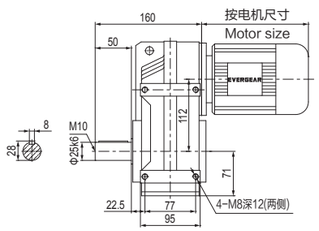


传动比 Ratio (i)	输出转速 Output speed (r/min)	许用扭矩 Permissible torque (Nm)	额定功率 Nominal Power Ratings (kW)	机型号 Type	
67.69	21	7680	18.3		AD4
58.19	24	7680	21		
50.79	28	7680	24		
43.08	32	7680	29		AD5
37.65	37	7680	33		
31.84	44	7680	39		
33.44	42	7400	35		AD5
27.28	51	7840	45		
24.88	56	7840	49	EF 107	
21.53	65	7840	57	EFA 107	
19.00	74	7090	58	EFF 107	
16.41	85	6120	58	EFAF107	
14.51	96	5410	58		
12.20	115	4540	58		AD6
9.85	142	4000	63		
9.47	148	3580	59		
8.18	171	3090	59		
7.24	193	2730	59		
6.08	230	2290	59		
4.91	285	2290	73		
174.86	8.0	12000	11.1		
157.30	8.9	12000	12.3		
128.33	11	12000	15.1		
117.04	12	12000	16.5		AD4
101.29	14	12000	19		
89.38	16	12000	22		
77.19	18	12000	25		
71.73	20	12000	27		
65.42	21	12000	30		AD5
56.61	25	12000	34		
49.95	28	12000	39		
43.14	32	12000	45		AD6
38.16	37	12000	51	EF 127	
32.07	44	12000	60	EFA 127	
25.90	54	12000	75	EFF 127	AD7
27.50	51	8500	48	EFAF127	
25.15	56	8500	53		AD7
21.88	64	12000	86		
19.31	72	10800	87		
16.74	84	11000	102		
14.90	94	11000	115		
12.64	111	10000	123		
10.43	134	9040	135		AD8
9.44	148	7000	116		
8.39	167	6000	111		
7.12	197	6030	132		
5.88	238	4900	130		
4.99	281	4150	130		
267.43	5.2	18000	10.8		
217.62	6.4	18000	13.3		
178.20	7.9	18000	16.3		
162.96	8.6	18000	17.8		
141.80	9.9	18000	20		AD5
125.14	11	18000	23		
108.49	13	18000	27		
96.53	15	18000	30		
84.10	17	18000	34		
76.91	18	18000	38	EF 157	
66.92	21	18000	43	EFA 157	
59.06	24	18000	49	EFF 157	AD6
51.20	27	18000	57	EFAF157	
45.55	31	18000	64		AD7

传动比 Ratio (i)	输出转速 Output speed (r/min)	许用扭矩 Permissible torque (Nm)	额定功率 Nominal Power Ratings (kW)	机型号 Type	
38.65	36	18000	75		
31.90	44	18000	91		AD8
27.06	52	18000	107		
53.55	26	8000	23		
43.94	32	10000	35		AD5
35.75	39	11000	48		AD7
28.60	49	17000	93	EF 157	
25.43	55	15000	92	EFA 157	
22.16	63	18000	127	EFF 157	
19.77	71	17000	134	EFAF157	AD8
16.85	83	18000	167		
13.96	100	17000	190		
11.92	117	16000	209		



EF37



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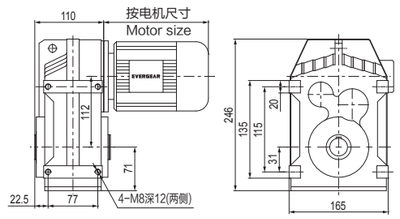

EF..S37

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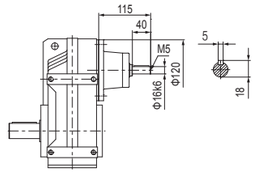

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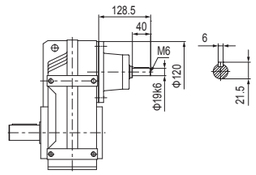

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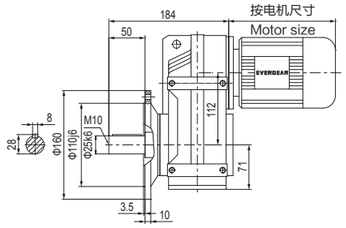

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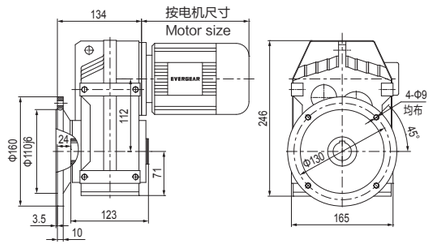

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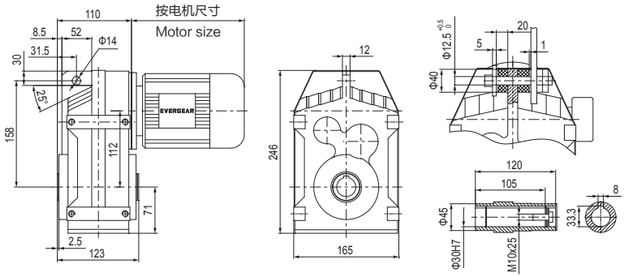

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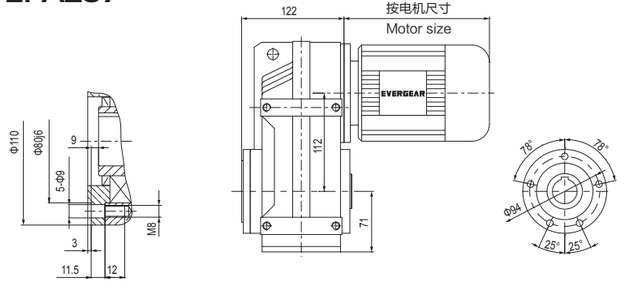
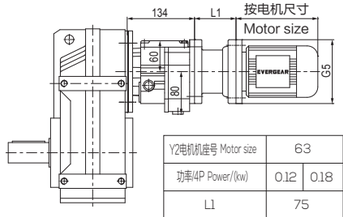
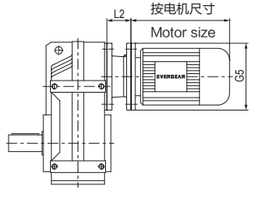


EF..37ER17



Y2电机座号 Motor size	63		71	
功率/4P Power/(kw)	0.12	0.18	0.25	
L1	75		75	
G5	Φ140		Φ160	

EF..37



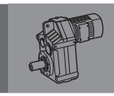
需方自配电机需加联接法兰
Customers provide the motor by themselves need connected flange

Y2电机座号 Motor size	63		71		80		90		100	
功率/4P Power/(kw)	0.12	0.18	0.25	0.37	0.55	0.75	1.1	1.5	2.2	3
L2	75		75		88.5		88.5		95.5	
G5	Φ140		Φ160		Φ200		Φ200		Φ250	

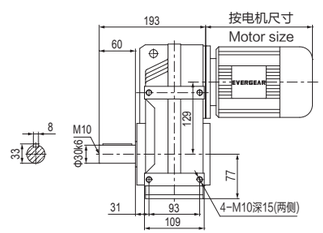
注 Note

1.以上壳体为通用件,安装尺寸可以互相参照。
2."EF.."表示EF系列所有结构形式。
3.EFA、EFAF、EFAZ、EFAB输出轴为通用件，尺寸相同。
4.带胀紧盘结构形式，胀紧盘尺寸详见007页。

1.The above housings are common parts, The mounting dimensions may consult each other.
2."EF.." mean all mounting type of EF series.
3.The output shafts of EFA、EFAF、EFAZ、EFAB are common parts, dimensions are the same.
4.With expansion plate mounting type,see P007 for size details of expansion plate.



EF47



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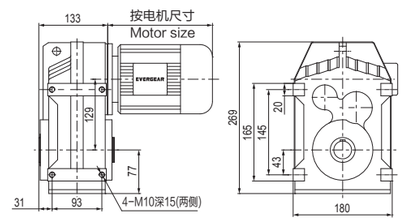
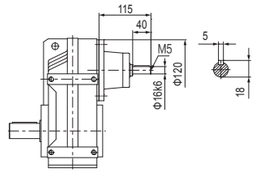
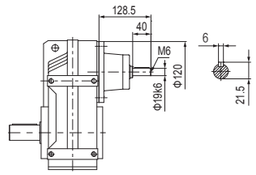


EF..S47

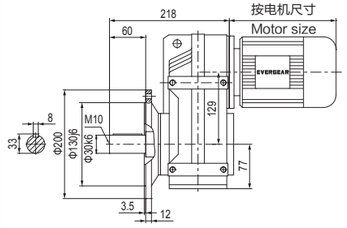
AD1



AD2



EFF47



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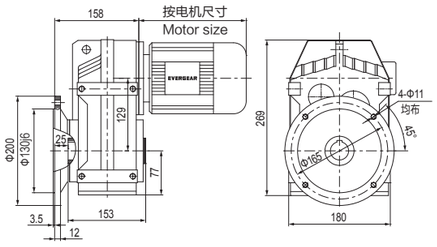

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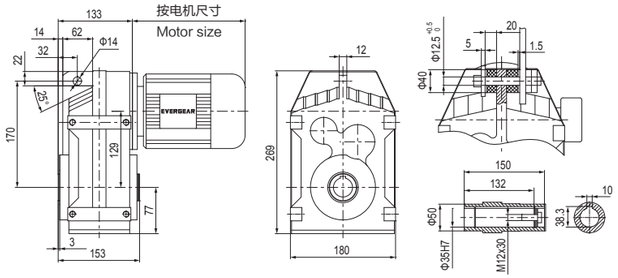
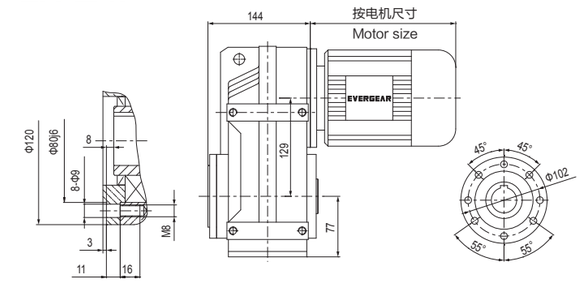
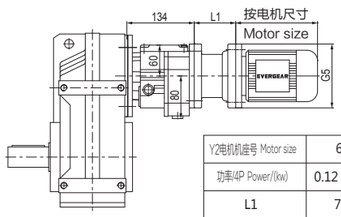


EFAZ47

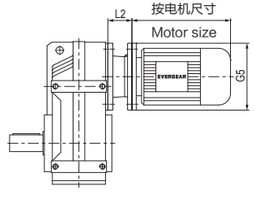


EF..47ER17



Y2电机座号 Motor size	63		71	
功率/4P Power/(kw)	0.12	0.18	0.25	0.37
L1	75		75	
G5	Φ140		Φ160	

EF..47



需方自配电机需加联接法兰
Customers provide the motor by themselves need connected flange

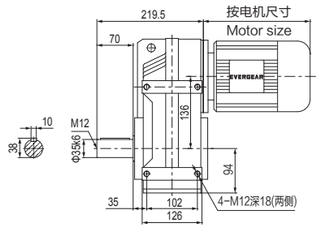
Y2电机座号 Motor size	63		71		80		90		100	
功率/4P Power/(kw)	0.12	0.18	0.25	0.37	0.55	0.75	1.1	1.5	2.2	3
L2	75		75		88.5		88.5		95.5	
G5	Φ140		Φ160		Φ200		Φ200		Φ250	

注 Note

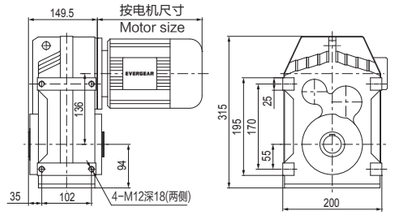
1.以上壳体为通用件,安装尺寸可以互相参照。
2."EF.."表示EF系列所有结构形式。
3.EFA、EFAF、EFAZ、EFAB输出轴为通用件，尺寸相同。
4.带胀紧盘结构形式，胀紧盘尺寸详见007页。

1.The above housings are common parts, The mounting dimensions may consult each other.
2."EF.." mean all mounting type of EF series.
3.The output shafts of EFA、EFAF、EFAZ、EFAB are common parts, dimensions are the same.
4.With expansion plate mounting type,see P007 for size details of expansion plate.

EF57

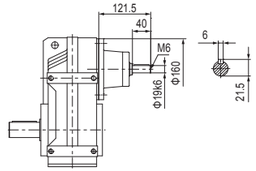


EFAB57

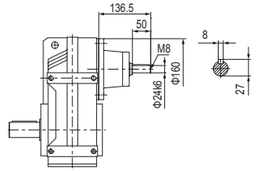


EF..S57

AD2



AD3



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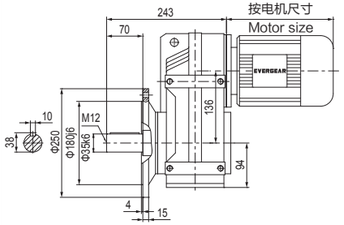

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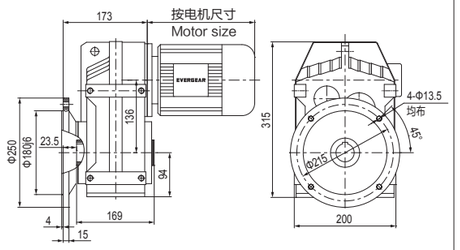
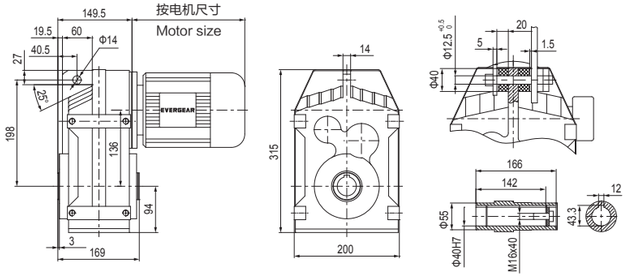
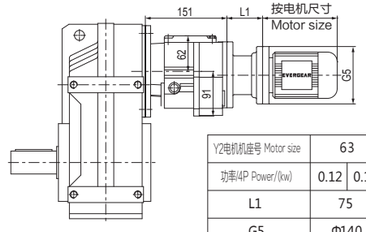


EFA57

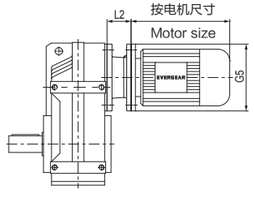


EF..57ER37



Y2电机机座号 Motor size	63		71	
功率/4P Power/(kw)	0.12	0.18	0.25	0.37
L1	75		75	
G5	Φ140		Φ160	

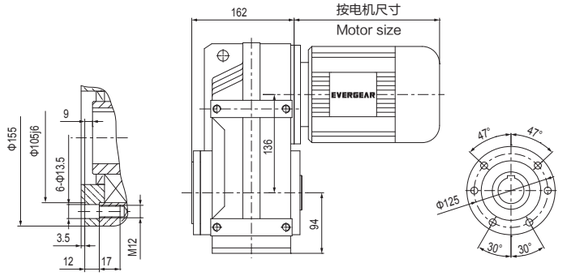
EF..57



需方自配电机需加联接法兰
Customers provide the motor by themselves need connected flange

Y2电机机座号 Motor size	63		71		80		90		100		112	132
功率/4P Power/(kw)	0.12	0.18	0.25	0.37	0.55	0.75	1.1	1.5	2.2	3	4	5.5
L2	68		68		81.5		81.5		88.5		88.5	124.5
G5	Φ140		Φ160		Φ200		Φ200		Φ250		Φ250	Φ300

EFAZ57

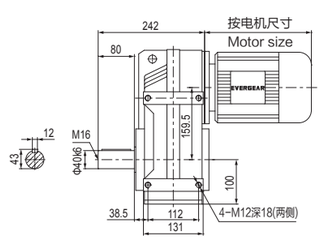


注 Note

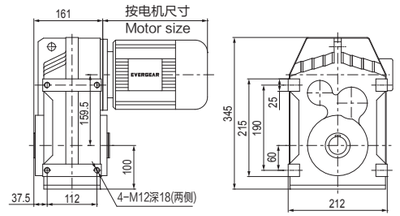
1.以上壳体为通用件,安装尺寸可以互相参照。
2."EF.."表示EF系列所有结构形式。
3.EFA、EFAF、EFAZ、EFAB输出轴为通用件，尺寸相同。
4.带胀紧盘结构形式，胀紧盘尺寸详见007页。

1.The above housings are common parts, The mounting dimensions may consult each other.
2."EF.." mean all mounting type of EF series.
3.The output shafts of EFA、EFAF、EFAZ、EFAB are common parts, dimensions are the same.
4.With expansion plate mounting type,see P007 for size details of expansion plate.

EF67

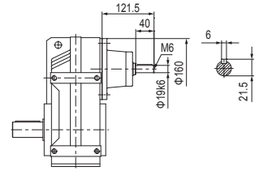


EFAB67

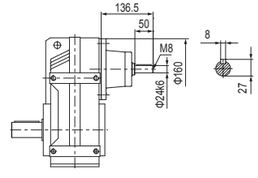


EF..S67

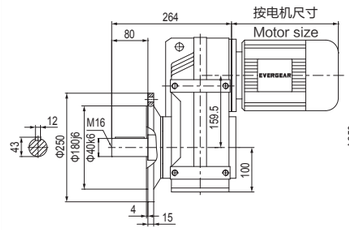
AD2



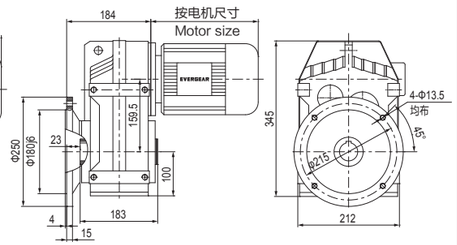
AD3



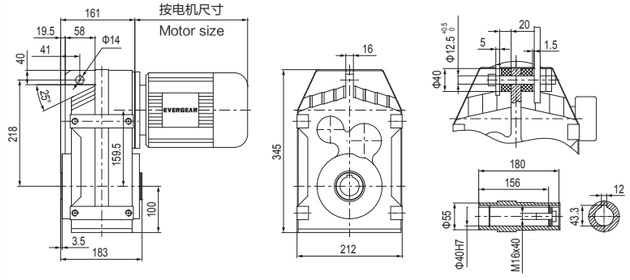
EFF67



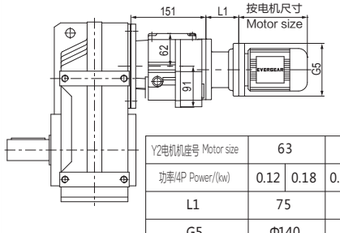
EFAF67



EFA67

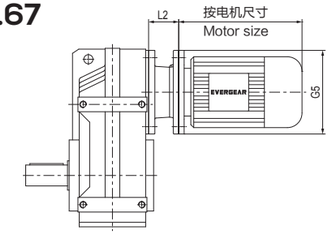


EF..67ER37



Y2电机机座号 Motor size	63		71		80
功率/4P Power/(kw)	0.12	0.18	0.25	0.37	0.55
L1	75		75		88.5
G5	Φ140		Φ160		Φ200

EF..67



需方自配电机需加联接法兰
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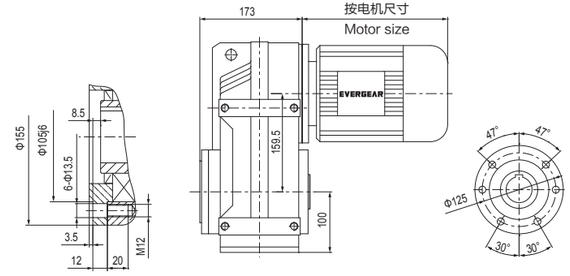
Y2电机机座号 Motor size	63	71		80		90		100		112	132
功率/4P Power/(kw)	0.18	0.25	0.37	0.55	0.75	1.1	1.5	2.2	3	4	5.5
L2	68	68		81.5		81.5		88.5		88.5	124.5
G5	Φ140	Φ160		Φ200		Φ200		Φ250		Φ250	Φ300

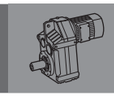
EFAZ67



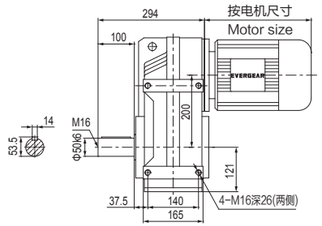
注 Note

1.以上壳体为通用件,安装尺寸可以互相参照。
2."EF.."表示EF系列所有结构形式。
3.EFA、EFAF、EFAZ、EFAB输出轴为通用件，尺寸相同。
4.带胀紧盘结构形式，胀紧盘尺寸详见007页。

1.The above housings are common parts, The mounting dimensions may consult each other.
2."EF.." mean all mounting type of EF series.
3.The output shafts of EFA、EFAF、EFAZ、EFAB are common parts, dimensions are the same.
4.With expansion plate mounting type,see P007 for size details of expansion plate.



EF77



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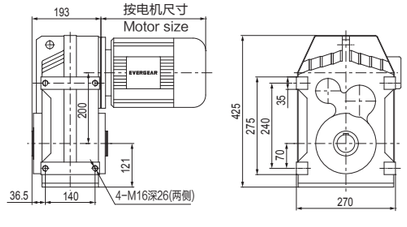
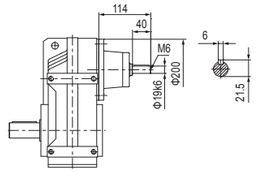
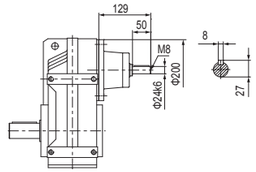


EF..S77

AD2



AD3



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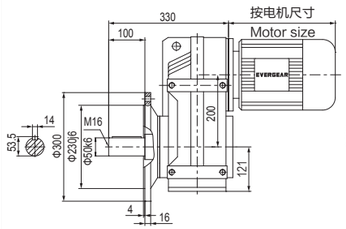
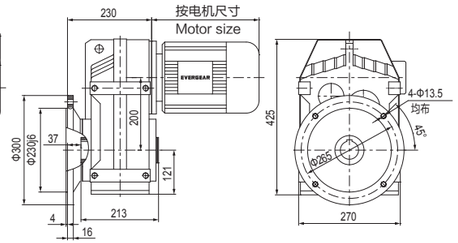


EFAF77



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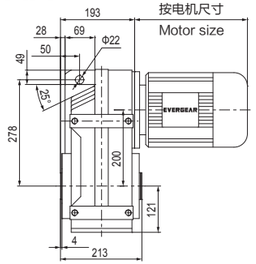
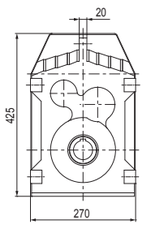
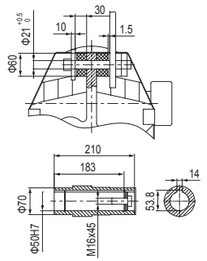
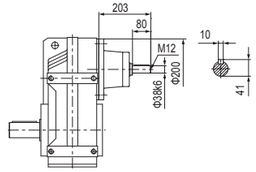


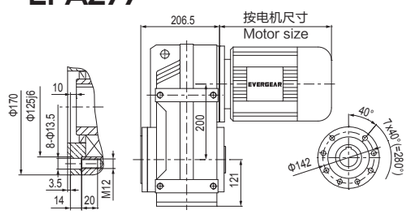




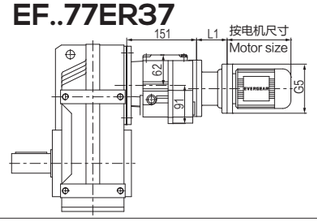
AD4



EFAZ77

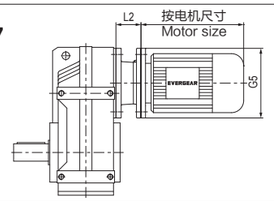


EF..77ER37



Y2电机机座号 Motor size	63	71	80
功率/4P Power/(kw)	0.12 0.18	0.25 0.37	0.55 0.75
L1	75	75	88.5
G5	Φ140	Φ160	Φ200

EF..77

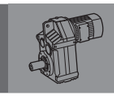


需方自配电机需加联接法兰
Customers provide the motor by themselves need connected flange

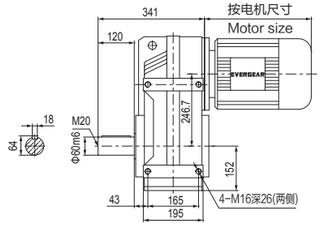
Y2电机机座号 Motor size	71	80	90	100	112	132	160
功率/4P Power/(kw)	0.37	0.55 0.75	1.1 1.5	2.2 3	4	5.5 7.5	11
L2	60.5	74	74	81	81	117	156
G5	Φ160	Φ200	Φ200	Φ250	Φ250	Φ300	Φ350

注 Note
1.以上壳体为通用件,安装尺寸可以互相参照。
2."EF.."表示EF系列所有结构形式。
3.EFA、EFAF、EFAZ、EFAB输出轴为通用件，尺寸相同。
4.带胀紧盘结构形式，胀紧盘尺寸详见008页。

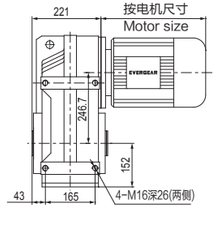
1.The above housings are common parts, The mounting dimensions may consult each other.
2."EF.." mean all mounting type of EF series.
3.The output shafts of EFA、EFAF、EFAZ、EFAB are common parts, dimensions are the same.
4.With expansion plate mounting type,see P008 for size details of expansion plate.

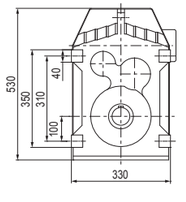


EF87



EFAB87





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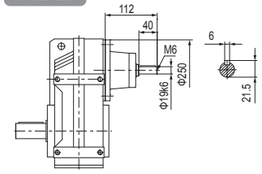

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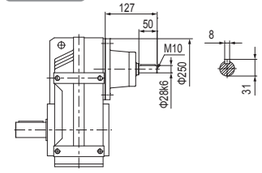

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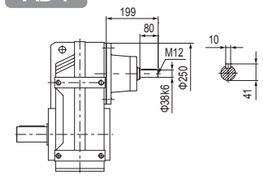

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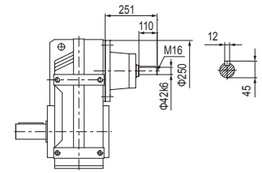

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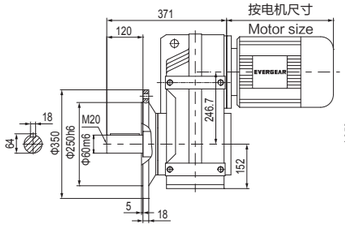

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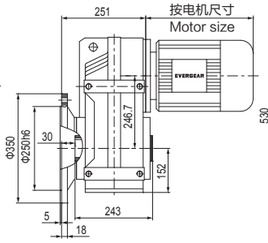

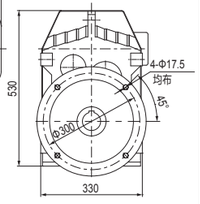

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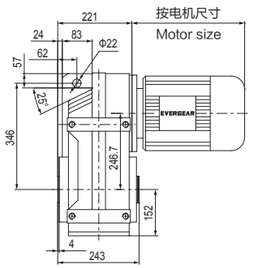

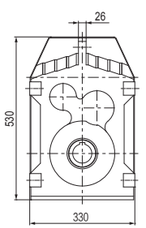

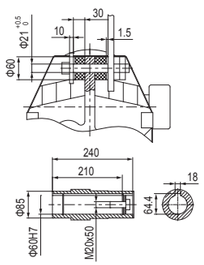

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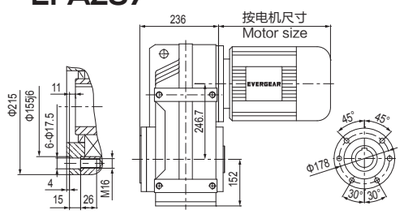
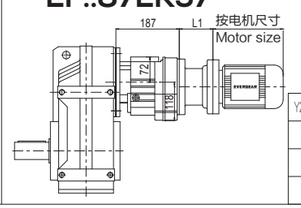
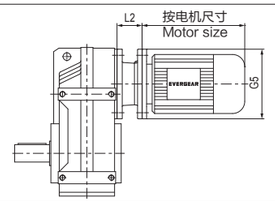


EF..87ER57



Y2电机机座号 Motor size	63	71	80	90
功率/4P Power/(kw)	0.12 0.18	0.25 0.37	0.55 0.75	1.1 1.5
L1	68	68	81.5	81.5
G5	Φ140	Φ160	Φ200	Φ200

EF..87



需方自配电机需加联接法兰
Customers provide the motor by themselves need connected flange

Y2电机机座号 Motor size	80	90	100	112	132	160	180
功率/4P Power/(kw)	0.75	1.1 1.5	2.2 3	4	5.5 7.5	11 15	18.5 22
L2	72	72	79	79	113	152	152
G5	Φ200	Φ200	Φ250	Φ250	Φ300	Φ350	Φ350

注 Note
1.以上壳体为通用件,安装尺寸可以互相参照。
2."EF.."表示EF系列所有结构形式。
3.EFA、EFAF、EFAZ、EFAB输出轴为通用件，尺寸相同。
4.带胀紧盘结构形式，胀紧盘尺寸详见008页。

1.The above housings are common parts, The mounting dimensions may consult each other.
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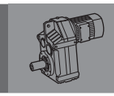
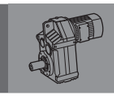
4.With expansion plate mounting type,see P008 for size details of expansion plate.





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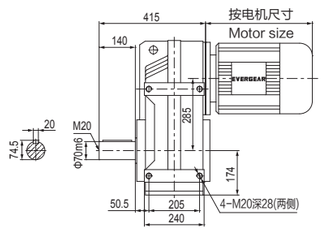

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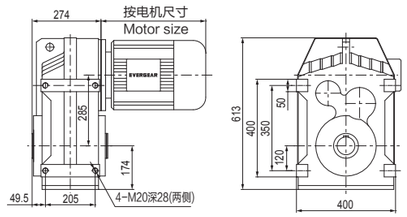

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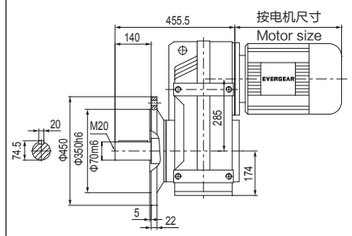

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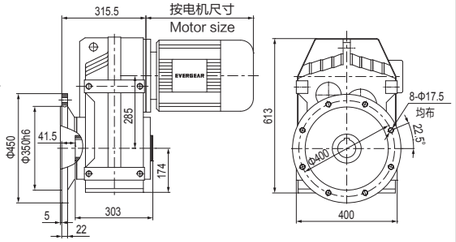

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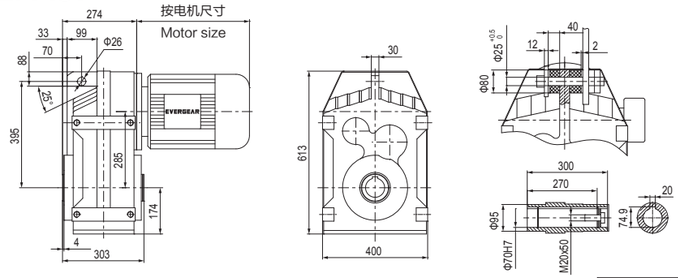

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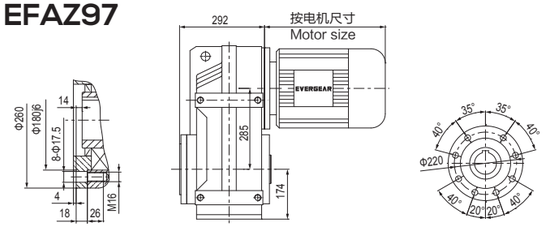

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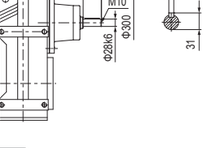
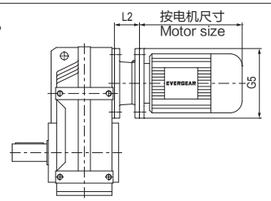


Y2电机机座号 Motor size	63	71	80	90	100
功率/4P Power/(kw)	0.12 0.18	0.25 0.37	0.55 0.75	1.1 1.5	2.2
L1	68	68	81.5	81.5	88.5
G5	Φ140	Φ160	Φ200	Φ200	Φ250

EF..97



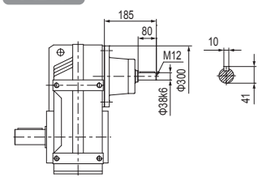
需方自配电机需加联接法兰
Customers provide the motor by themselves need connected flange

Y2电机机座号 Motor size	90	100	112	132	160	180	200
功率/4P Power/(kw)	1.1 1.5	2.2 3	4	5.5 7.5	11 15	18.5 22	30
L2	66	73	73	99	138	138	146
G5	Φ200	Φ250	Φ250	Φ300	Φ350	Φ350	Φ400

EF..S97

AD3

AD4



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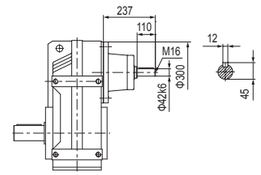

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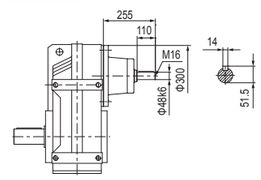

1.以上壳体为通用件,安装尺寸可以互相参照。
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4.带胀紧盘结构形式，胀紧盘尺寸详见008页。

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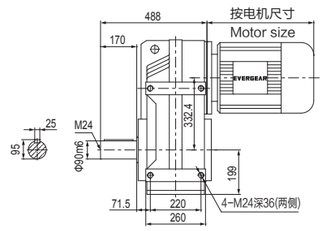
EF107



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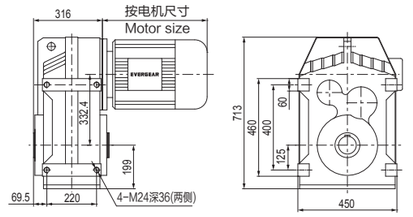

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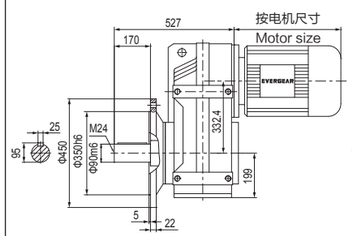

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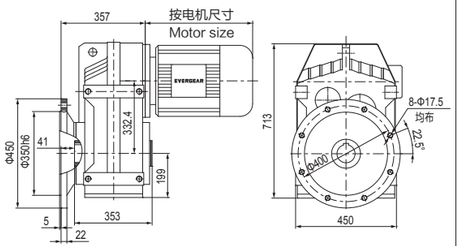

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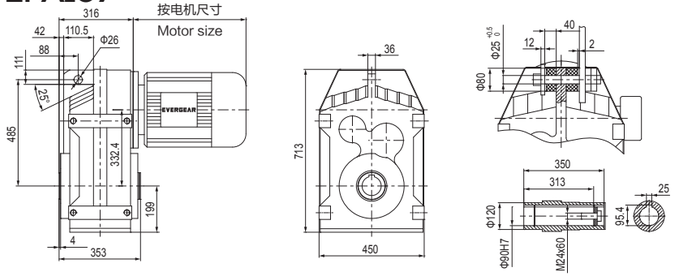

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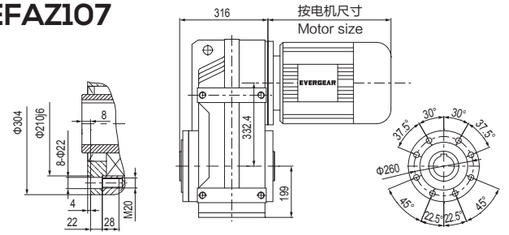

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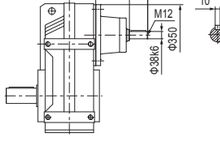
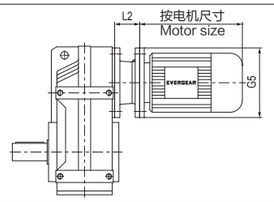


Y2电机机座号 Motor size	63	71	80	90	100	112
功率/4P Power/(kw)	0.12 0.18	0.25 0.37	0.55 0.75	1.1 1.5	2.2 3	4
L1	60.5	60.5	74	74	81	81
G5	Φ140	Φ160	Φ200	Φ200	Φ250	Φ250

EF..107



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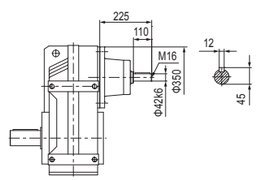
Y2电机机座号 Motor size	100	112	132	160	180	200	225
功率/4P Power/(kw)	2.2 3	4	5.5 7.5	11 15	18.5 22	30	37 45
L2	65	65	87	126	126	134	177
G5	Φ250	Φ250	Φ300	Φ350	Φ350	Φ400	Φ450

EF..S107

AD4

AD5



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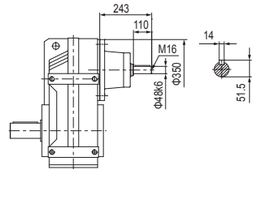

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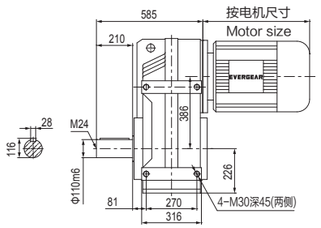
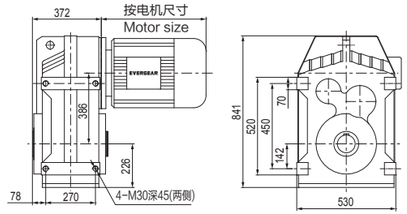
EF127



EFAB127



EF..S127

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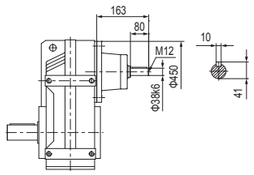

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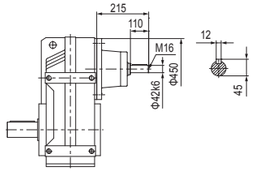

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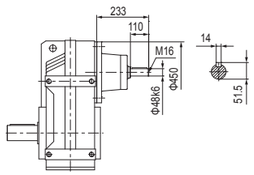

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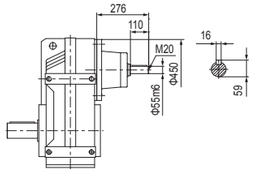

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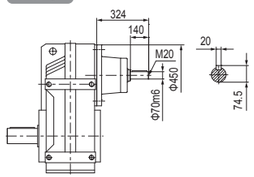

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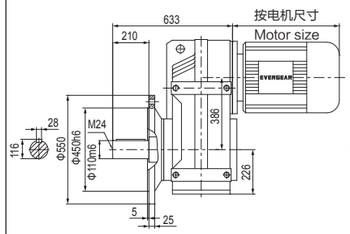

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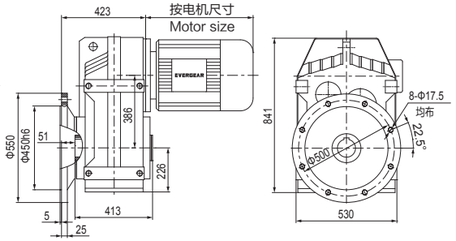

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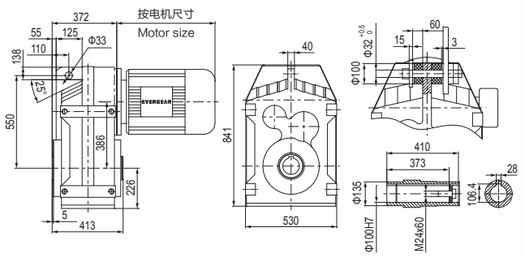
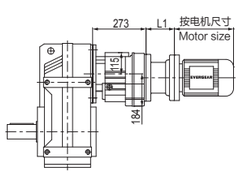
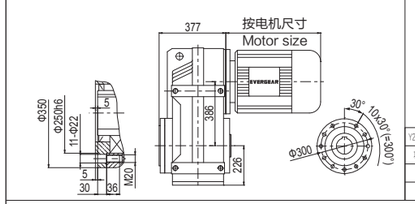


EF..127ER87

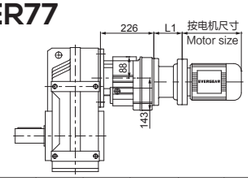


Y2电机机座号 Motor size	132	160
功率/4P Power/(kw)	5.5 7.5	11
L1	113	152
G5	Φ300	Φ350

EFAZ127

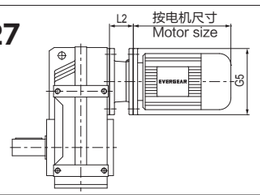


EF..127ER77



Y2电机机座号 Motor size	63	71	80	90	100	112	132
功率/4P Power/(kw)	0.12 0.18	0.25 0.37	0.55 0.75	1.1 1.5	2.2 3	4	5.5
L1	60.5	60.5	74	74	81	81	117
G5	Φ140	Φ160	Φ200	Φ200	Φ250	Φ250	Φ300

EF..127

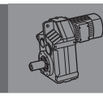


需方自配电机需加联接法兰
Customers provide the motor by themselves need connected flange

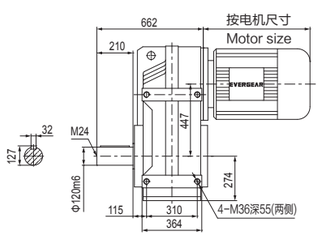
Y2电机机座号 Motor size	132	160	180	200	225	250	280
功率/4P Power/(kw)	7.5	11 15	18.5 22	30	37 45	55	75 90
L2	77	116	116	124	167	192	192
G5	Φ300	Φ350	Φ350	Φ400	Φ450	Φ550	Φ550

注 Note
1.以上壳体为通用件,安装尺寸可以互相参照。
2."EF.."表示EF系列所有结构形式。
3.EFA、EFAF、EFAZ、EFAB输出轴为通用件，尺寸相同。
4.带胀紧盘结构形式，胀紧盘尺寸详见008页。

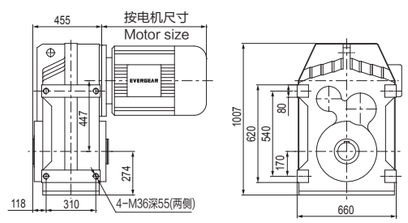
1.The above housings are common parts, The mounting dimensions may consult each other.
2."EF.." mean all mounting type of EF series.
3.The output shafts of EFA、EFAF、EFAZ、EFAB are common parts, dimensions are the same.
4.With expansion plate mounting type,see P008 for size details of expansion plate.



EF157

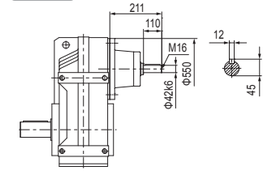


EFAB157



EF..S157

AD5



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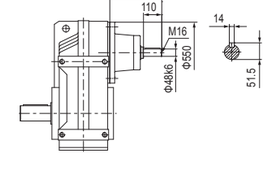
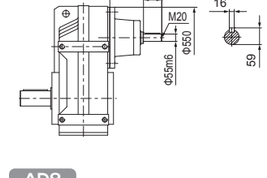


AD7



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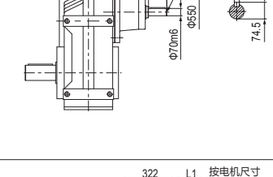

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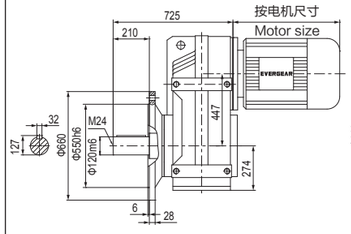

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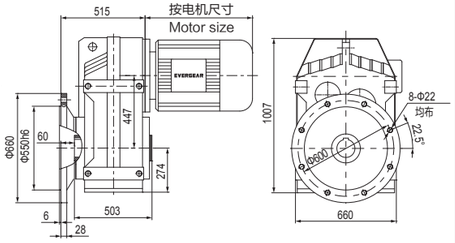
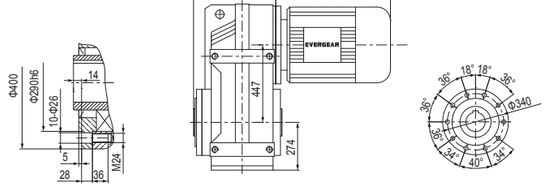
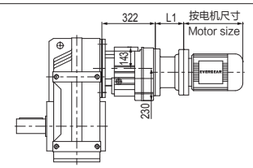


EFA157

EFAZ157

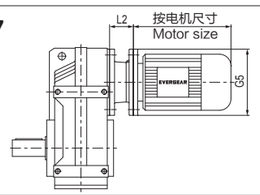


EF..157ER97



Y2电机机座号 Motor size	80	90	100	112	132	160	180
功率/4P Power/(kw)	0.55 0.75	1.1 1.5	2.2 3	4	5.5 7.5	11 15	18.5
L1	66	66	73	73	99	138	138
G5	Φ200	Φ200	Φ250	Φ250	Φ300	Φ350	Φ350

EF..157

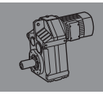


需方自配电机需加联接法兰
Customers provide the motor by themselves need connected flange

Y2电机机座号 Motor size	160	180	200	225	250	280	315
功率/4P Power/(kw)	11 15	18.5 22	30	37 45	55	75 90	110 132 160 200
L2	112	112	120	163	183	183	196
G5	Φ350	Φ350	Φ400	Φ450	Φ550	Φ550	Φ660

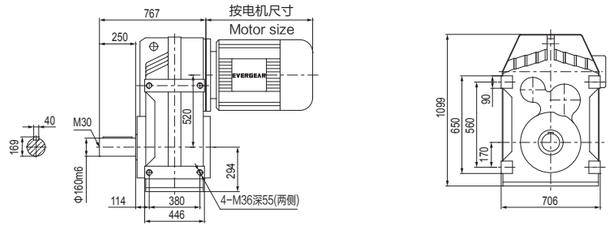
注 Note
1.以上壳体为通用件,安装尺寸可以互相参照。
2."EF.."表示EF系列所有结构形式。
3.EFA、EFAF、EFAZ、EFAB输出轴为通用件，尺寸相同。
4.带胀紧盘结构形式，胀紧盘尺寸详见008页。

1.The above housings are common parts, The mounting dimensions may consult each other.
2."EF.." mean all mounting type of EF series.
3.The output shafts of EFA、EFAF、EFAZ、EFAB are common parts, dimensions are the same.
4.With expansion plate mounting type,see P008 for size details of expansion plate.



EF

EF167



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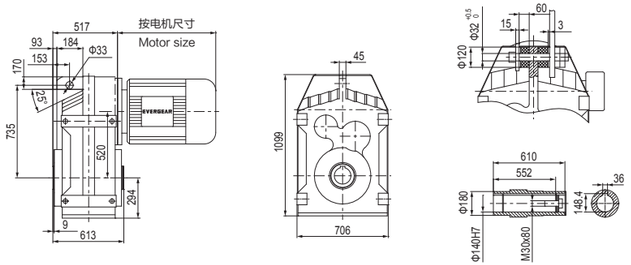
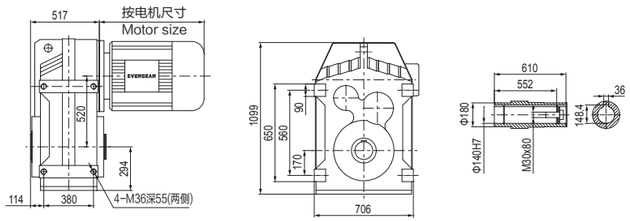


EFAB167



EF..S167

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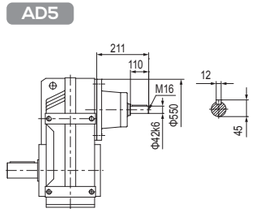

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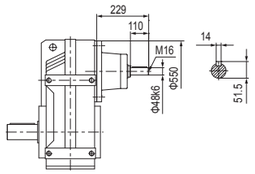

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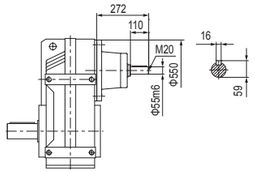

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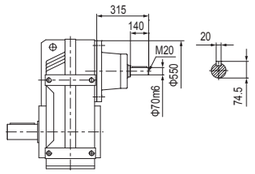

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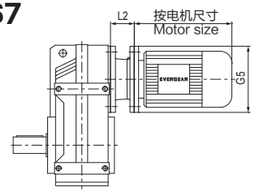


需方自配电机需加联接法兰
Customers provide the motor by themselves need connected flange

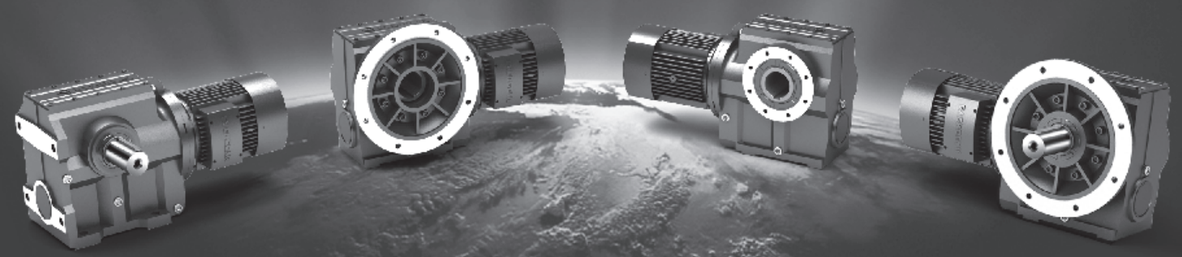
Y2电机机座号 Motor size	160		180		200	225		250	280		315			
功率/4P Power/(kw)	11	15	18.5	22	30	37	45	55	75	90	110	132	160	200
L2	107		107		118	156		167	167		171			
G5	Φ350		Φ350		Φ400	Φ450		Φ550	Φ550		Φ660			

注 Note
1.以上壳体为通用件,安装尺寸可以互相参照。
2."EF.."表示EF系列所有结构形式。
3.EFA、EFAF、EFAZ、EFAB输出轴为通用件，尺寸相同。
4.带胀紧盘结构形式，胀紧盘尺寸详见008页。

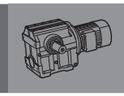
1.The above housings are common parts, The mounting dimensions may consult each other.
2."EF.." mean all mounting type of EF series.
3.The output shafts of EFA、EFAF、EFAZ、EFAB are common parts, dimensions are the same.
4.With expansion plate mounting type,see P008 for size details of expansion plate.

ES Series

斜齿轮–蜗轮蜗杆减速机
Helical-Worm Gear Motor

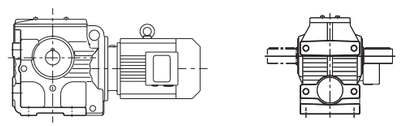


EVERGEAR

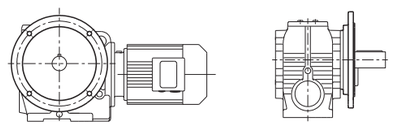


⑤ 结构形式
Mounting type:

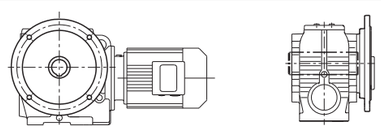
ES
底脚安装圆柱蜗杆减速机
Foot-mounted helical-worm gear reductor



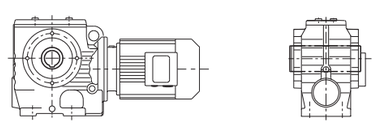
ESF
B5法兰安装圆柱蜗杆减速机
B5 flange-mounted helical-worm gear reductor



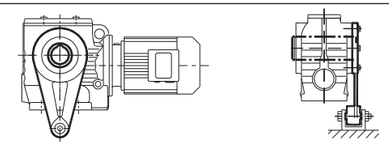
ESAF
B5法兰空心轴安装圆柱蜗杆减速机
B5 flange-mounted helical-worm gear reductor with hollow shaft



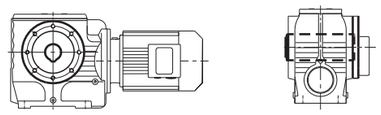
ESA
空心轴安装圆柱蜗杆减速机
Helical-worm gear reductor with hollow shaft



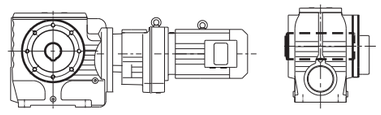
ESAT
空心轴安装防转臂固定圆柱蜗杆减速机
Helical-worm gear reductor in torque-arm version with hollow shaft



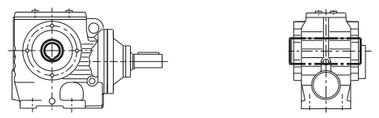
ESAZ
B14法兰空心轴安装圆柱蜗杆减速机
B14 flange -mounted helical-worm gear reductor with hollow shaft

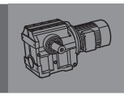


ES..ER
ES系列与ER..7系列组合减速机
Combination of ES model and ER..7 model

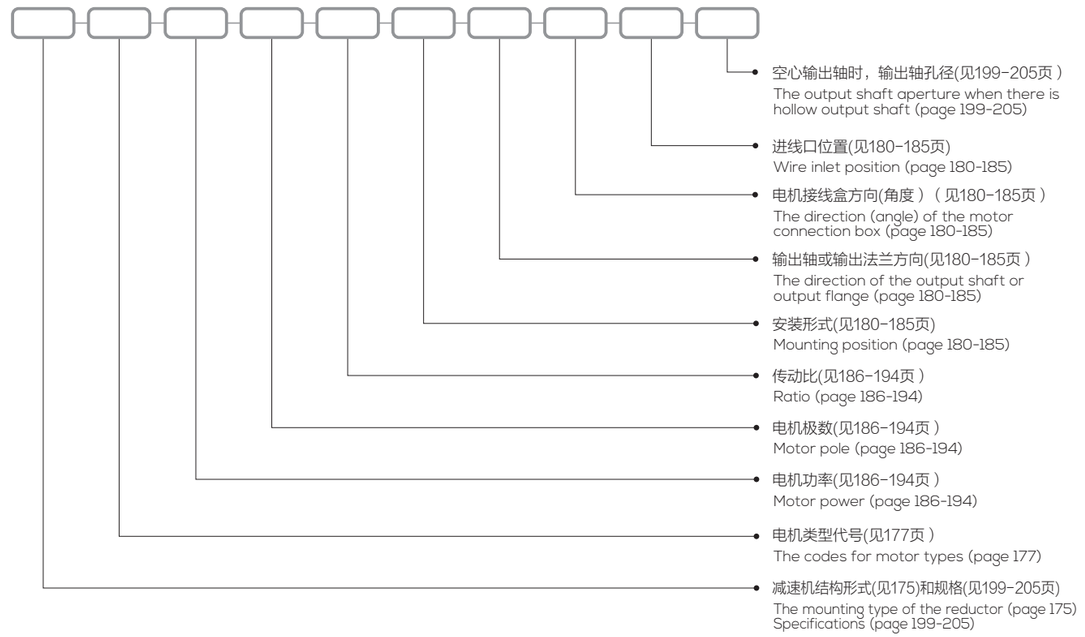


ES..S
轴输入型，即配输入轴不配电动机的圆柱蜗杆减速机
Shaft-input style in another word helical-worm gear reductor equipped with input shaft but without the motor

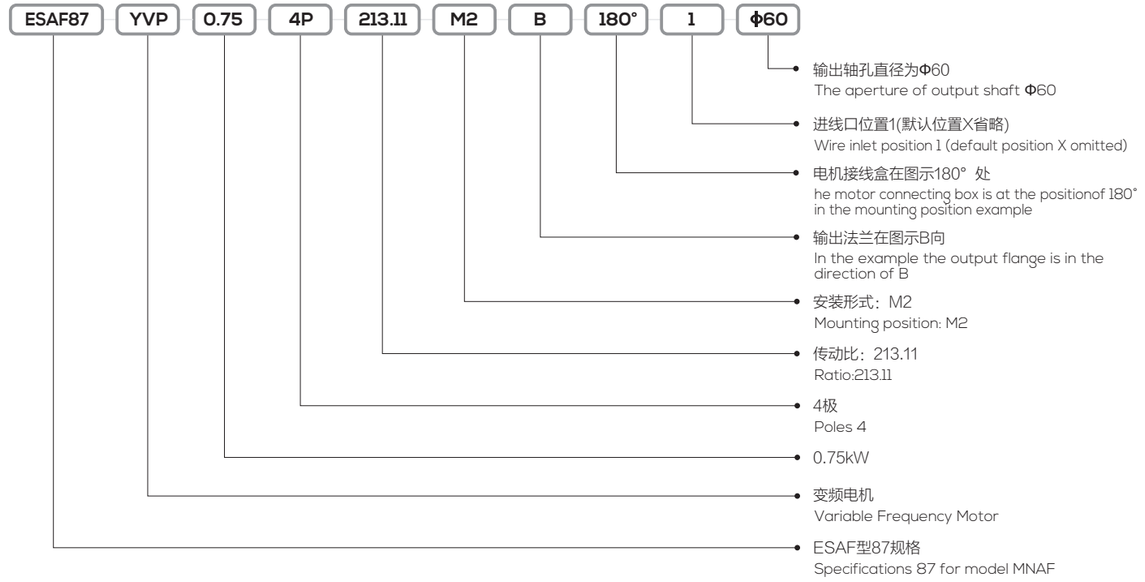




⑥ 型号说明
Instmctions for Models:



示例
Sample



⚠ 注 Notes

1、轴输入型没有电动机的各项内容。
2、无特别说明时Y系列电动机供货按IP54防护等级。
3、不注明安装形式时，按安装形式图(见180-185页)中M1安装形式供货。
4、不注明接线盒角度时，按安装形式图(见180-185页)中0度位置供货。
5、ES、ESF、ESAF、ESAZ型减速机不注明输出轴或输出法兰方向时，按安装形式图（见180-185页）中A向供货。
6、对输出旋转方向与输入旋转方向有特殊要求的用户，请与我公司技术部联系。

1. The shaft-input style is not equipped with any motor
2. Motors of Y series are supplied with protection grade of IP54 unless otherwise specified.
3. The mounting position of M1 as shown in the mounting position example (Page 180-185) is the default way when supplying unless otherwise specified.
4. 0° as shown in the mounting position example (Page 180-185) is the default connection box angle when supplying unless otherwise specified.
5. The mounting position of A as shown in the mounting position example (Page180-185) is the default way when supplying reductors such as ES、ESF、ESAF、ESAZ model unless otherwise specified.
6. Please contact our technical supporting department in case there's any special requirements on the output and input rotatory directions.

⑦ 电机类型代号
Codes for Motor Types:

Y	Y系列 Y series	YB	防爆电机 Flameproof Motor	Z	直流电机 Direct Current Motor
YEJ	制动电机 Brake Motor	YG	辊道电机 Roll Motor	YVP	变频电机 Variable Frequency Motor
YVPEJ	变频制动 Transduction braking	YGP	变频辊道 Transduction roller way	YZR	冶金起重 Metallurgy hoisting

⑧ 安装形式图释义
Explanation of mounting position example

⑨ 选型参数表释义
Explanation of Parameter Selection List

输出转速 Output speed	输出转矩 Output torque	传动比 Ratio	使用系数 Service factor	机型号 Type	电机极数 Motor pole
(r/min)	(Nm)	(i)	(f_B)		
0.12kW					
0.18	2870	7615	0.85		
0.21	2560	6743	1.00	ES 87ER57	4
0.24	2240	5844	1.10	ESA 87ER57	4
0.27	2000	5184	1.25	ESF 87ER57	4
0.30	1830	4691	1.35	ESAF87ER57	4
0.37	1510	3800	1.65		

1.选型参数表中的机型可与该栏中的任一传动比搭配。
2.选型参数表中的参数也适用于ESAT、ESAZ、ESH、ESHT、ESHZ机型。
1.The machine types in the parameter selection list can match any transmission ratio in the column.
2.The parameters in this list also fits model ESAT、ESAZ、ESH、ESHT、ESHZ.

⑩ ES系列输入功率及最大扭矩
Input power and maximum torque of ES series

型号	Type	ES37	ES47	ES57	ES67	ES77	ES87	ES97
结构形式	Structure	ES、ESA、ESF、ESAF、ESAZ、ESAT、ESH、ESHF、ESHZ、ESHT						
输入功率	Input power rating(kw)	0.12～0.75	0.12～1.5	0.18～3	0.25～5.5	0.55～7.5	0.75～15	1.5～22
传动比	Ratio	10.27～157.43	8.25～201.00	8.00～201.00	7.75～217.41	12.10～256.47	11.13～302.40	12.04～307.88
最大扭矩*	Maximum torque(Nm)	92	170	295	520	1270	2280	4000

*)最大扭矩指该规格不同传动比对应的最大扭矩的最大值
*)The maximum torque indicates the maximum value of maximum torque corresponding to different transmission ratios in this specification.

⑪ ES系列主机重量表
Main machine weight form of ES series

型号	Type	ES37	ES47	ES57	ES67	ES77	ES87	ES97
重量	Weight(kg)	11	17	22	29	49	91	158
型号	Type	ESF37	ESF47	ESF57	ESF67	ESF77	ESF87	ESF97
重量	Weight(kg)	13	21	26	35	59	111	188
型号	Type	ESA37	ESA47	ESA57	ESA67	ESA77	ESA87	ESA97
重量	Weight(kg)	11	18	22	30	49	88	153
型号	Type	ESAF37	ESAF47	ESAF57	ESAF67	ESAF77	ESAF87	ESAF97
重量	Weight(kg)	12	20	25	34	55	104	178

注：1)ESAT、ESAZ、ESH、ESHT、ESHZ 与ESA主机重量近似。
Note：1)The weight of main machine of ESAT、ESAZ、ESH、ESHT、ESHZ is similar to that of ESA.

⑫ ES系列润滑油量表
Lubricating oil quantity form of ES series

ES..

型号 Type	润滑油量(升)Fill quantity in liters(L)					
	M1	M2	M3[1)]	M4	M5	M6
ES37	0.25	0.4	0.5	0.55	0.4	0.4
ES47	0.35	0.8	0.70/0.90	1	0.8	0.8
ES57	0.5	1.2	1.00/1.20	1.45	1.3	1.3
ES67	1	2	2.2/3.1	3.1	2.6	2.6
ES77	1.9	4.2	3.7/5.4	5.9	4.4	4.4
ES87	3.3	8.1	6.9/10.4	11.3	8.4	8.4
ES97	6.8	15	13.4/18.0	21.8	17	17

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ESF..

型号 Type	润滑油量(升)Fill quantity in liters(L)					
	M1	M2	M3[1)]	M4	M5	M6
ESF37	0.25	0.4	0.5	0.55	0.4	0.4
ESF47	0.4	0.9	0.90/1.10	1.05	1	1
ESF57	0.5	1.2	1.00/1.50	1.55	1.4	1.4
ESF67	1	2.2	2.3/3.0	3.2	2.7	2.7
ESF77	1.9	4.1	3.9/5.8	6.5	4.9	4.9
ESF87	3.8	8	7.1/10.1	12	9.1	9.1
ESF97	7.4	15	13.8/18.8	22.6	18	18

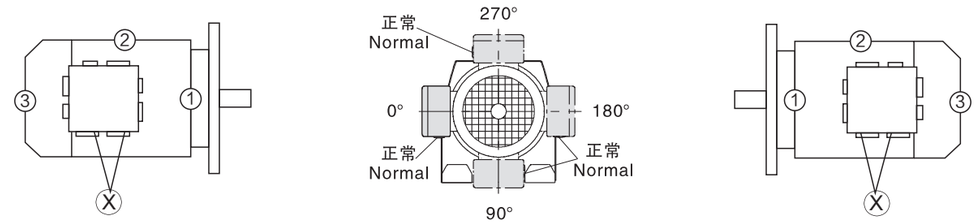
ESA..、ESAF..、ESAZ..、ESAT..、ESH..、ESHF..、ESHZ..、ESHT..

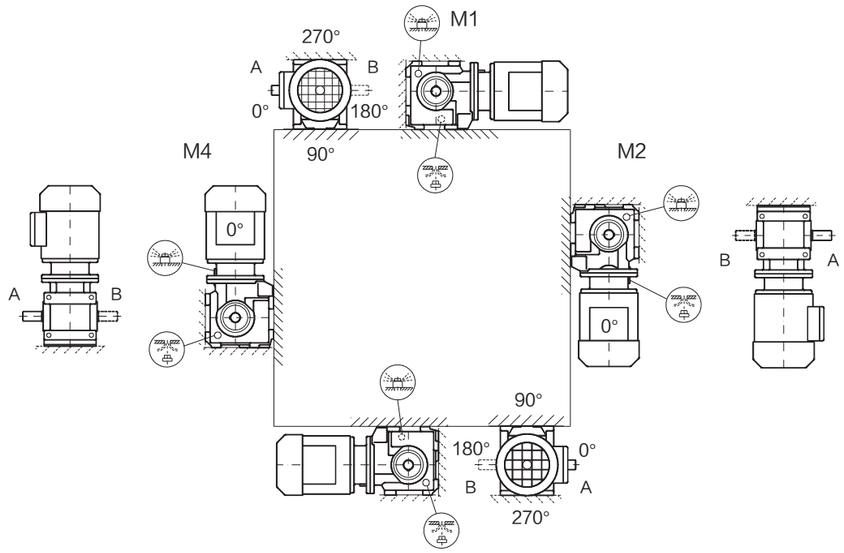
型号 Type	润滑油量(升) Fill quantity in liters(L)					
	M1	M2	M3[1)]	M4	M5	M6
ES..37	0.25	0.4	0.5	0.5	0.4	0.4
ES..47	0.4	0.8	0.70/0.90	1	0.8	0.8
ES..57	0.5	1.1	1.00/1.50	1.5	1.2	1.2
ES..67	1	2	1.80/2.6	2.9	2.5	2.5
ES..77	1.8	3.9	3.6/5.0	5.8	4.5	4.5
ES..87	3.8	7.4	6.0/8.7	10.8	8	8
ES..97	7	14	11.4/16.0	20.5	15.7	15.7

注： 1)表示减速机为组合型时低速级加油量为大值。
Ntoe: 1]The large gear unit of multi-stage gear units must be filled with the larger oil volume.

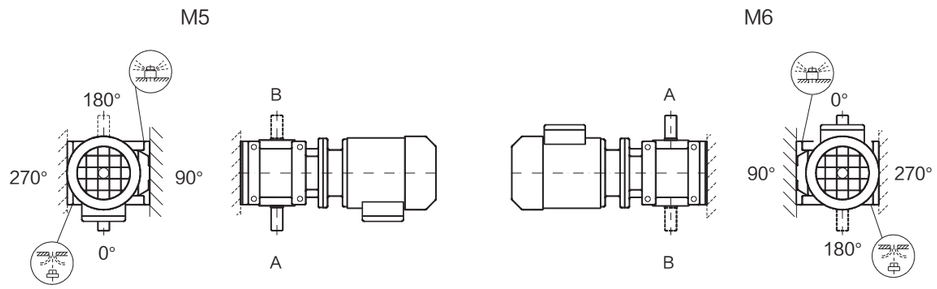
ES37

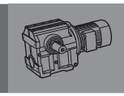
安装形式图 Mounting position example





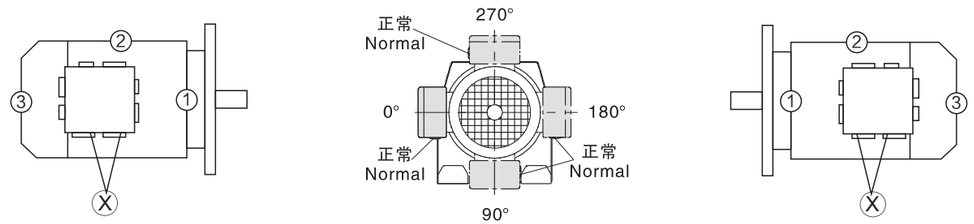
M3

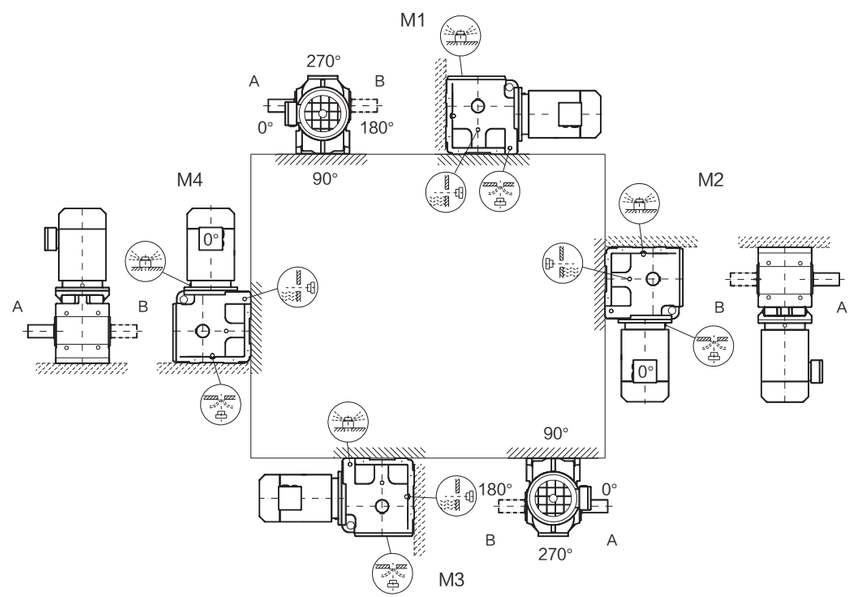


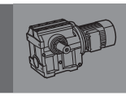


ES47-97

安装形式图 Mounting position example

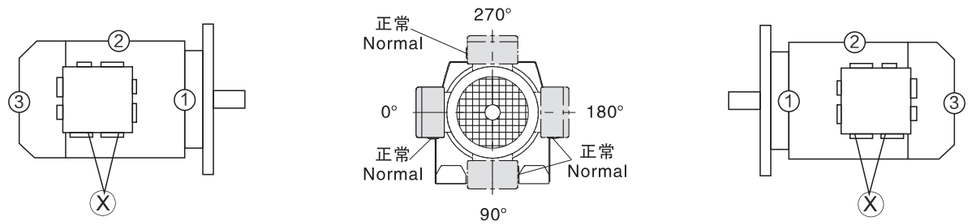


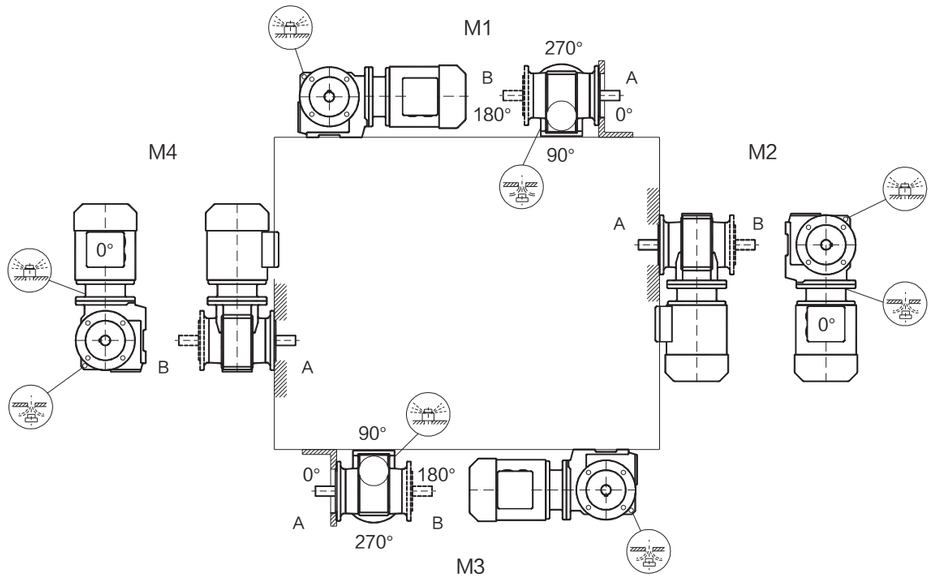


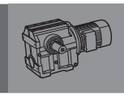


ESF/ESAF37

安装形式图 Mounting position example

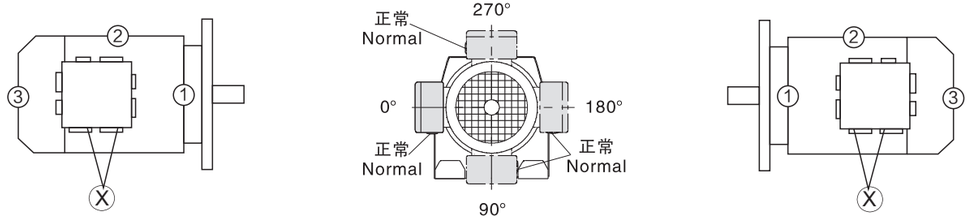


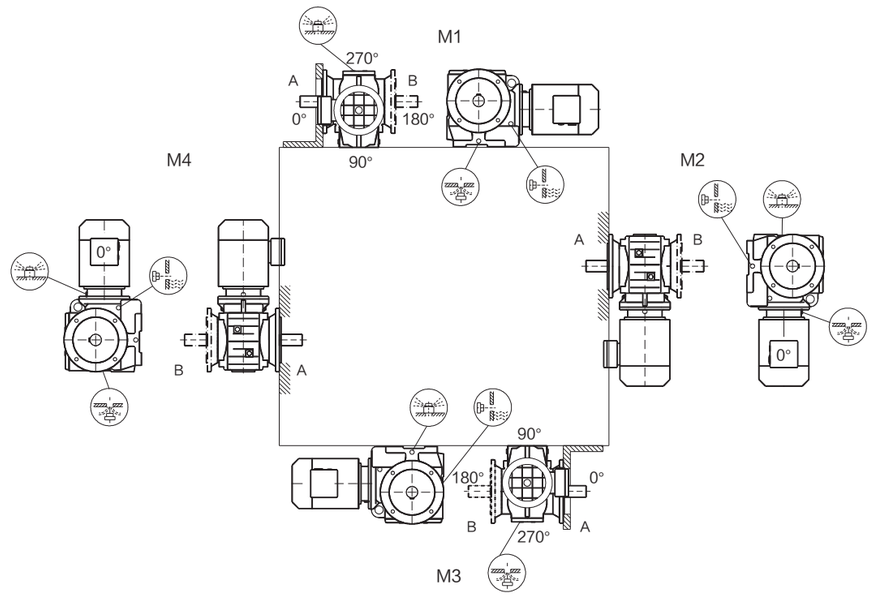


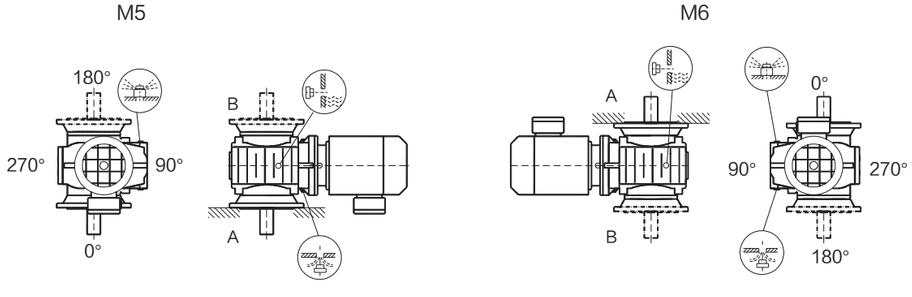


ESF/ESAF/ESAZ47-97

安装形式图 Mounting position example

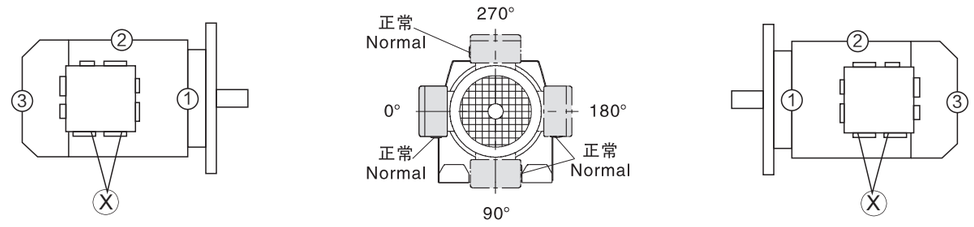


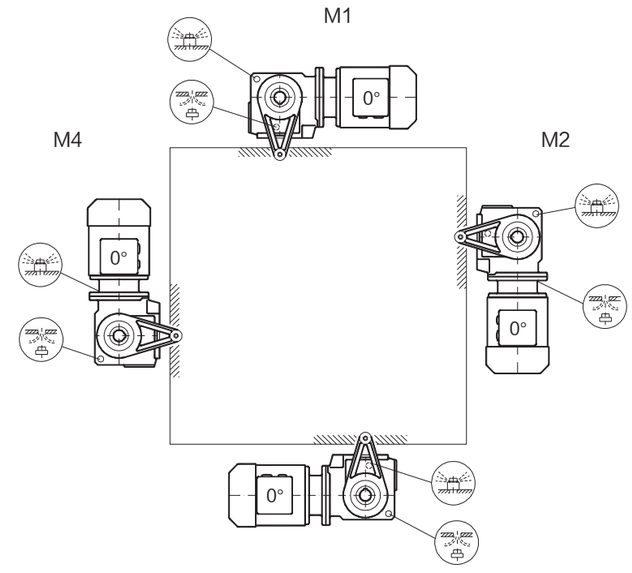


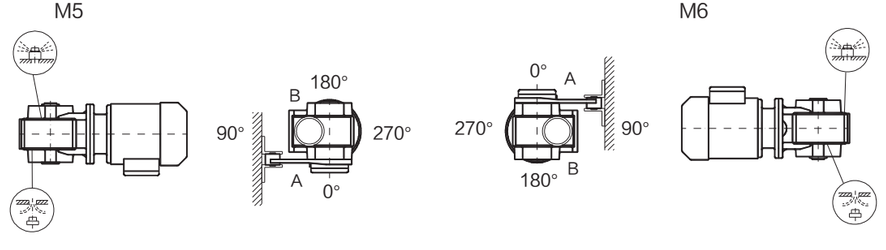


ESA37/ESAT37

安装形式图 Mounting position example







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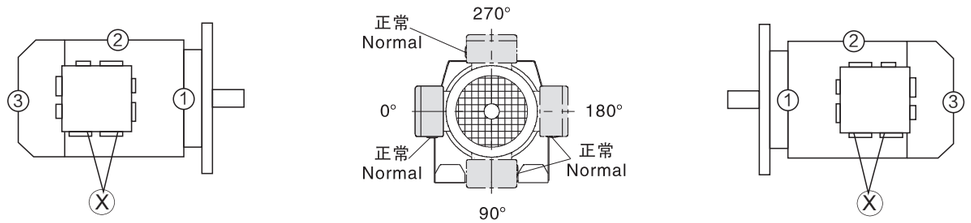
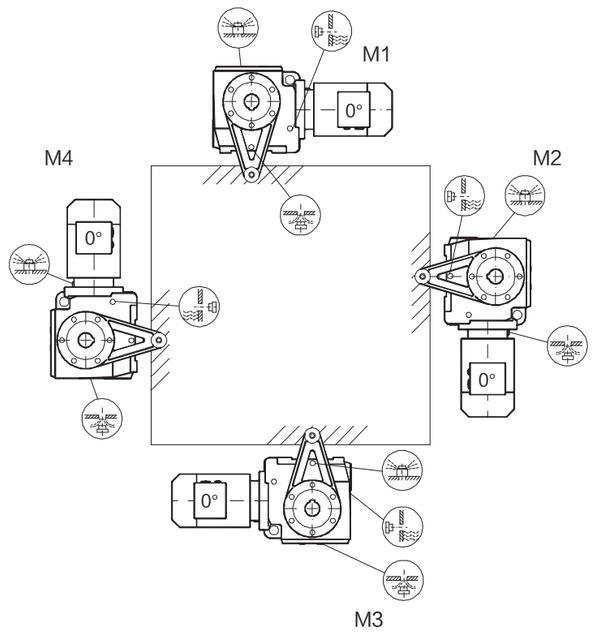
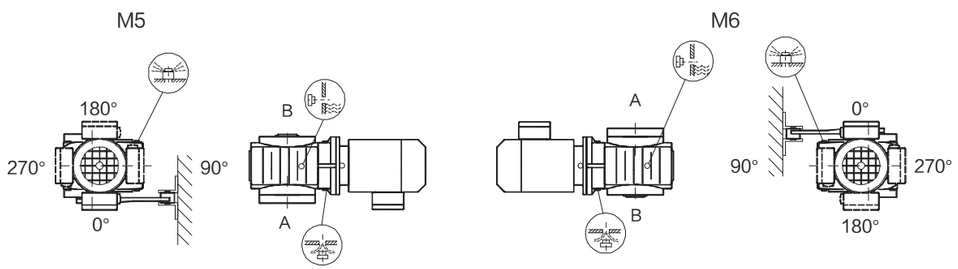
ESA/ESAT47-97

安装形式图 Mounting position example



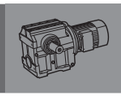


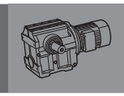


ES系列恒功率选型参数表
Constant power model selection parameter form of ES series

输出转速 Output speed (r/min)	输出转矩 Output torque (Nm)	传动比 Ratio (i)	使用系数 Service factor (f_B)	机型号 Type	电机极数 Motor pole
0.12kW					
0.12	4230	11287	1.00	ES 97ER57	4
0.14	3790	10079	1.10	ESA 97ER57	4
0.16	3260	8591	1.30	ESF 97ER57	4
0.18	2890	7554	1.45	ESAF97ER57	4
0.18	2870	7615	0.85		
0.21	2560	6743	1.00	ES 87ER57	4
0.24	2240	5844	1.10	ESA 87ER57	4
0.27	2000	5184	1.25	ESF 87ER57	4
0.30	1830	4691	1.35	ESAF87ER57	4
0.37	1510	3800	1.65		
0.39	1380	3539	0.90		
0.45	1230	3097	1.05		
0.51	1380	2750	0.90		
0.58	1210	2397	1.00	ES 77ER37	4
0.66	1070	2095	1.15	ESA 77ER37	4
0.78	920	1791	1.35	ESF 77ER37	4
0.80	890	1741	1.40	ESAF77ER37	4
0.88	820	1587	1.50		
0.98	740	1419	1.70		
1.1	670	1270	1.85		
1.0	700	1366	0.80	ES 67ER37	4
1.2	625	1205	0.90	ESA 67ER37	4
1.3	545	1043	1.05	ESF 67ER37	4
1.5	480	908	1.20	ESAF67ER37	4
1.7	430	808	1.35		
2.0	380	711	1.50		
2.3	330	615	1.70	ES 67ER37	4
2.6	290	530	2.0	ESA 67ER37	4
3.0	260	470	2.2	ESF 67ER37	4
3.3	235	424	2.4	ESAF67ER37	4
3.7	205	373	2.8		
2.1	355	668	0.85		
2.4	310	584	0.95		
2.7	275	507	1.10	ES 57ER17	4
3.1	240	443	1.25	ESA 57ER17	4
3.5	215	394	1.40	ESF 57ER17	4
4.2	183	332	1.65	ESAF57ER17	4
4.7	162	293	1.85		
5.1	151	271	2.0		
3.2	235	438	0.80		
3.6	210	390	0.90		
4.1	183	335	1.00	ES 47ER17	4
4.8	159	290	1.15	ESA 47ER17	4
5.4	141	256	1.30	ESF 47ER17	4
6.1	127	228	1.45	ESAF47ER17	4
7.0	111	199	1.65		
7.5	105	186	1.75		
6.8	109	203	0.85		
7.8	96	178	0.95	ES 37ER17	4
8.9	85	157	1.10	ESA 37ER17	4
9.6	79	145	1.15	ESF 37ER17	4
12	66	118	1.40	ESAF37ER17	4
13	61	109	1.50		
6.9	98	201.00	1.75		
7.5	91	184.80	1.85	ES 47	4
8.8	79	158.12	2.1	ESA 47	4
10	70	137.05	2.4	ESF 47	4
11	66	128.10	2.6	ESAF47	4
13	57	110.73	2.9		

输出转速 Output speed (r/min)	输出转矩 Output torque (Nm)	传动比 Ratio (i)	使用系数 Service factor (f_B)	机型号 Type	电机极数 Motor pole
0.12kW					
8.8	73	157.43	1.25		
9.6	68	144.40	1.35		
11	59	122.94	1.55		
13	52	106.00	1.70		
14	49	98.80	1.80		
16	43	86.36	2.0		
17	40	80.96	2.1		
19	36	71.44	2.3		
22	32	63.33	2.5		
23	37	60.07	2.2		
25	34	55.10	2.4	ES 37	4
26	29	53.83	2.8	ESA 37	4
30	29	46.91	2.7	ESF 37	4
34	26	40.45	3.1	ESAF37	4
37	24	37.70	3.3		
42	21	32.95	3.6		
45	20	30.89	3.8		
51	18	27.26	4.2		
58	16	24.17	4.6		
59	17	23.46	3.1		
69	14	20.22	3.6		
74	13	18.85	3.9		
84	12	16.48	4.3		
90	11	15.45	4.4		
0.18kW					
0.16	4990	8591	0.85		
0.18	4420	7554	0.95		
0.21	3980	6731	1.05		
0.24	3490	5838	1.20	ES 97ER57	4
0.28	3000	4941	1.40	ESA 97ER57	4
0.31	2720	4415	1.55	ESF 97ER57	4
0.35	2490	3998	1.70	ESAF97ER57	4
0.41	2820	3419	1.50		
0.45	2570	3098	1.65		
0.52	2220	2661	1.90		
0.30	2800	4691	0.90	ES 87ER57	4
0.37	2310	3800	1.10	ESA 87ER57	4
				ESF 87ER57	4
				ESAF87ER57	4
0.40	2140	3484	1.15		
0.48	1810	2905	1.40		
0.54	1620	2579	1.55	ES 87ER57	4
0.60	1480	2336	1.70	ESA 87ER57	4
0.67	1330	2073	1.90	ESF 87ER57	4
0.77	1180	1815	2.1	ESAF87ER57	4
0.85	1070	1641	2.3		
0.98	1130	1419	1.10	ES 77ER37	4
1.1	1020	1270	1.20	ESA 77ER37	4
				ESF 77ER37	4
				ESAF77ER37	4
1.2	910	1125	1.35		
1.5	775	951	1.60	ES 77ER37	4
1.7	680	826	1.85	ESA 77ER37	4
1.9	595	719	2.1	ESF 77ER37	4
2.2	535	638	2.3	ESAF77ER37	4
2.5	475	565	2.6		
1.7	655	808	0.85		
2.0	580	711	1.00		
2.3	505	615	1.10	ES 67ER37	4
2.6	440	530	1.30	ESA 67ER37	4
3.0	395	470	1.45	ESF 67ER37	4
3.3	355	424	1.60	ESAF67ER37	4
3.7	315	373	1.80		



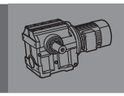


输出转速 Output speed (r/min)	输出转矩 Output torque (Nm)	传动比 Ratio (i)	使用系数 Service factor (f_B)	机型号 Type	电机极数 Motor pole
0.18kW					
3.1	365	443	0.80		
3.5	330	394	0.90		
4.2	280	332	1.05	ES 57ER17	4
4.7	250	293	1.20	ESA 57ER17	4
5.1	230	271	1.30	ESF 57ER17	4
6.2	194	225	1.55	ESAF57ER17	4
6.7	179	207	1.65		
7.5	180	186	1.65		
4.8	240	290	0.80		
5.4	215	256	0.85		
6.1	194	228	0.95	ES 47ER17	4
7.0	170	199	1.10	ESA 47ER17	4
7.5	160	186	1.15	ESF 47ER17	4
8.3	145	167	1.30	ESAF47ER17	4
9.3	130	149	1.40		
10	118	134	1.55		
3.9	260	217.41	2.0	ES 67	6
4.5	230	190.11	2.3	ESA 67	6
4.8	215	178.50	2.4	ESF 67	6
				ESAF67	6
4.2	235	201.00	1.25	ES 57	6
4.6	220	184.80	1.35	ESA 57	6
5.4	190	158.12	1.55	ESF 57	6
6.2	167	137.05	1.75	ESAF57	6
6.9	151	201.00	1.95	ES 57	4
7.5	140	184.80	2.1	ESA 57	4
8.8	122	158.12	2.4	ESF 57	4
10	107	137.05	2.8	ESAF57	4
4.2	225	201.00	0.80		
4.6	215	184.80	0.80	ES 47	6
5.4	187	158.12	0.90	ESA 47	6
6.2	164	137.05	1.05	ESF 47	6
6.6	154	128.10	1.10	ESAF47	6
6.9	147	201.00	1.15		
7.5	137	184.80	1.25		
8.8	119	158.12	1.45		
10	105	137.05	1.60	ES 47	4
11	98	128.10	1.70	ESA 47	4
13	86	110.73	1.95	ESF 47	4
15	74	94.08	2.3	ESAF47	4
17	67	84.00	2.5		
19	59	71.75	2.8		
21	55	67.20	3.0		
8.8	110	157.43	0.85		
9.6	103	144.40	0.90		
11	88	122.94	1.05		
13	77	106.00	1.15		
14	73	98.80	1.20		
16	64	86.36	1.35		
17	61	80.96	1.40		
19	54	71.44	1.55		
22	48	63.33	1.70		
23	55	60.07	1.45		
25	51	55.10	1.60		
26	43	53.83	1.85	ES 37	4
30	44	46.91	1.85	ESA 37	4
34	38	40.45	2.1	ESF 37	4
37	36	37.70	2.2	ESAF37	4
42	32	32.95	2.4		
45	30	30.89	2.5		
51	26	27.26	2.8		
58	24	24.17	3.1		
59	25	23.46	2.1		
69	21	20.22	2.4		
74	20	18.85	2.6		
84	18	16.48	2.8		
90	17	15.45	3.0		
102	15	13.63	3.3		
115	13	12.08	3.7		
135	11	10.27	4.2		

输出转速 Output speed (r/min)	输出转矩 Output torque (Nm)	传动比 Ratio (i)	使用系数 Service factor (f_B)	机型号 Type	电机极数 Motor pole
0.25kW					
0.28	4200	4941	1.00		
0.31	3800	4415	1.10		
0.35	3480	3998	1.20		
0.41	3950	3419	1.05	ES 97ER57	4
0.45	3590	3098	1.15	ESA 97ER57	4
0.52	3100	2661	1.35	ESF 97ER57	4
0.59	2770	2356	1.50	ESAF97ER57	4
0.66	2490	2105	1.70		
0.76	2190	1837	1.90		
0.88	1900	1581	2.2		
0.48	2540	2905	1.00		
0.54	2270	2579	1.10		
0.60	2070	2336	1.20		
0.67	1850	2073	1.35	ES 87ER57	4
0.77	1640	1815	1.50	ESA 87ER57	4
0.85	1500	1641	1.65	ESF 87ER57	4
1.1	1220	1319	2.0	ESAF87ER57	4
1.1	1130	1212	2.2		
1.4	970	1024	2.6		
1.5	880	921	2.8		
1.5	1080	951	1.15		
1.7	950	826	1.30	ES 77ER37	4
1.9	830	719	1.50	ESA 77ER37	4
2.2	745	638	1.65	ESF 77ER37	4
2.5	665	565	1.85	ESAF77ER37	4
2.8	585	497	2.1		
2.6	615	530	0.95		
3.0	550	470	1.05	ES 67ER37	4
3.3	500	424	1.15	ESA 67ER37	4
3.7	440	373	1.30	ESF 67ER37	4
4.3	380	320	1.50	ESAF67ER37	4
4.9	340	281	1.70		
4.7	345	293	0.85		
5.1	320	271	0.95		
6.2	270	225	1.10	ES 57ER17	4
6.7	250	207	1.20	ESA 57ER17	4
7.5	250	186	1.20	ESF 57ER17	4
8.5	200	163	1.50	ESAF57ER17	4
11	162	130	1.85		
3.0	465	217.41	1.10	ES 67	8
3.4	410	190.11	1.25	ESA 67	8
3.6	385	178.50	1.35	ESF 67	8
4.1	345	158.45	1.50	ESAF67	8
3.9	360	217.41	1.45	ES 67	6
4.5	320	190.11	1.65	ESA 67	6
4.8	300	178.50	1.75	ESF 67	6
5.4	270	158.45	1.90	ESAF67	6
6.4	230	217.41	2.3		
7.3	205	190.11	2.6		
7.8	192	178.50	2.7	ES 67	4
8.8	172	158.45	3.0	ESA 67	4
10	149	134.40	3.5	ESF 67	4
11	136	121.33	3.8	ESAF67	4
13	122	106.75	4.3		
4.2	330	201.00	0.90		
4.6	305	184.80	0.95	ES 57	6
5.4	265	158.12	1.10	ESA 57	6
6.2	230	137.05	1.25	ESF 57	6
6.6	220	128.10	1.35	ESAF57	6

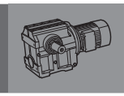
输出转速 Output speed (r/min)	输出转矩 Output torque (Nm)	传动比 Ratio (i)	使用系数 Service factor (f_B)	机型号 Type	电机极数 Motor pole
0.25kW					
6.9	210	201.00	1.40		
7.5	195	184.80	1.50		
8.8	169	158.12	1.75	ES 57	4
10	148	137.05	2.0	ESA 57	4
11	139	128.10	2.1	ESF 57	4
13	122	110.73	2.4	ESAF57	4
15	106	94.08	2.8		
17	96	84.00	3.1		
6.9	205	201.00	0.85		
7.5	190	184.80	0.90		
8.8	165	158.12	1.05		
10	146	137.05	1.15		
11	137	128.10	1.25		
13	120	110.73	1.40	ES 47	4
15	103	94.08	1.60	ESA 47	4
17	94	84.00	1.80	ESF 47	4
19	82	71.75	2.0	ESAF47	4
21	77	67.20	2.2		
22	83	62.12	1.85		
25	66	56.61	2.5		
26	72	53.84	2.1		
28	68	50.33	2.3		
32	59	43.50	2.6		
14	101	98.80	0.85		
16	89	86.36	0.95		
17	84	80.96	1.00		
19	75	71.44	1.10		
22	67	63.33	1.20		
23	77	60.07	1.05		
25	71	55.10	1.15		
26	60	53.83	1.35		
30	61	46.91	1.30		
34	53	40.45	1.50	ES 37	4
37	50	37.70	1.55	ESA 37	4
42	44	32.95	1.75	ESF 37	4
45	41	30.89	1.80	ESAF37	4
51	37	27.26	2.0		
58	33	24.17	2.2		
59	34	23.46	1.50		
69	30	20.22	1.75		
74	28	18.85	1.85		
84	24	16.48	2.0		
90	23	15.45	2.1		
102	20	13.63	2.4		
115	18	12.08	2.6		
135	16	10.27	3.0		
0.37kW					
0.52	4640	2661	0.90		
0.59	4130	2356	1.00	ES 97ER57	4
0.66	3720	2105	1.15	ESA 97ER57	4
0.76	3280	1837	1.30	ESF 97ER57	4
0.88	2840	1581	1.50	ESAF97ER57	4
0.67	2770	2073	0.90		
0.77	2460	1815	1.00		
0.85	2250	1641	1.10	ES 87ER57	4
1.1	1830	1319	1.35	ESA 87ER57	4
1.1	1690	1212	1.50	ESF 87ER57	4
1.4	1450	1024	1.70	ESAF87ER57	4
1.5	1320	921	1.90		
1.9	1250	719	1.00		
2.2	1110	638	1.10	ES 77ER37	4
2.5	990	565	1.25	ESA 77ER37	4
2.8	880	497	1.40	ESF 77ER37	4
3.2	785	441	1.60	ESAF77ER37	4
3.6	695	389	1.80		

输出转速 Output speed (r/min)	输出转矩 Output torque (Nm)	传动比 Ratio (i)	使用系数 Service factor (f_B)	机型号 Type	电机极数 Motor pole
0.37kW					
3.7	660	373	0.85	ES 67ER37	4
4.3	570	320	1.00	ESA 67ER37	4
4.9	505	281	1.15	ESF 67ER37	4
5.6	450	248	1.25	ESAF67ER37	4
2.2	960	302.40	2.4	ES 87	8
2.5	870	271.09	2.6	ESA 87	8
2.9	760	233.52	3.0	ESF 87	8
3.1	700	213.11	3.2	ESAF87	8
3.0	720	225.26	1.75	ES 77	8
3.2	680	212.00	1.85	ESA 77	8
3.5	615	189.09	2.1	ESF 77	8
4.1	530	161.60	2.4	ESAF77	8
3.5	630	256.47	2.0	ES 77	6
3.9	560	225.26	2.3	ESA 77	6
4.2	530	212.00	2.4	ESF 77	6
				ESAF77	6
4.1	510	217.41	1.00	ES 67	6
4.7	450	190.11	1.15	ESA 67	6
5.0	430	178.50	1.20	ESF 67	6
5.6	385	158.45	1.35	ESAF67	6
6.4	340	217.41	1.55		
7.3	300	190.11	1.75	ES 67	4
7.8	285	178.50	1.85	ESA 67	4
8.8	255	158.45	2.0	ESF 67	4
10	220	134.40	2.4	ESAF67	4
11	200	121.33	2.6		
5.6	375	158.12	0.80		
6.5	330	137.05	0.90	ES 57	6
6.9	310	128.10	0.95	ESA 57	6
8.0	275	110.73	1.10	ESF 57	6
9.4	235	94.08	1.25	ESAF57	6
11	210	84.00	1.40		
6.9	310	201.00	0.95		
7.5	290	184.80	1.00		
8.8	250	158.12	1.20		
10	220	137.05	1.35	ES 57	4
11	205	128.10	1.45	ESA 57	4
13	181	110.73	1.65	ESF 57	4
15	157	94.08	1.90	ESAF57	4
17	142	84.00	2.1		
19	123	71.75	2.4		
21	116	67.20	2.5		
10	215	137.05	0.80		
11	200	128.10	0.85		
13	177	110.73	0.95		
15	153	94.08	1.10		
17	139	84.00	1.20		
19	121	71.75	1.40		
21	114	67.20	1.45		
22	123	62.12	1.25		
25	97	56.61	1.70		
26	107	53.84	1.45	ES 47	4
28	100	50.33	1.55	ESA 47	4
32	87	43.50	1.75	ESF 47	4
38	75	36.96	2.1	ESAF47	4
42	68	33.00	2.3		
45	68	31.06	2.1		
49	58	28.19	2.7		
53	55	26.40	2.8		
55	55	25.16	2.6		
63	47	22.24	3.3		
64	48	21.75	2.3		
75	41	18.48	2.7		
84	37	16.50	3.0		
22	99	63.33	0.80		
26	88	53.83	0.90		
30	91	46.91	0.90	ES 37	4
34	79	40.45	1.00	ESA 37	4
37	74	37.70	1.05	ESF 37	4
42	65	32.95	1.15	ESAF37	4
45	61	30.89	1.25		



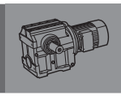
输出转速 Output speed (r/min)	输出转矩 Output torque (Nm)	传动比 Ratio (i)	使用系数 Service factor (f_B)	机型号 Type	电机极数 Motor pole
0.37kW					
51	54	27.26	1.35		
58	49	24.17	1.50		
59	51	23.46	1.00		
69	44	20.22	1.20	ES 37	4
74	41	18.85	1.25	ESA 37	4
84	36	16.48	1.40	ESF 37	4
90	34	15.45	1.45	ESAF37	4
102	30	13.63	1.60		
115	27	12.08	1.80		
135	23	10.27	2.0		
0.55kW					
0.99	3790	1409	1.10	ES 97ER57	4
1.1	3330	1231	1.25	ESA 97ER57	4
1.3	2920	1072	1.45	ESF 97ER57	4
1.5	2530	921	1.65	ESAF97ER57	4
1.1	2720	1319	0.90		
1.1	2520	1212	1.00		
1.4	2160	1024	1.15		
1.5	1960	921	1.25	ES 87ER57	4
1.7	1790	829	1.40	ESA 87ER57	4
1.9	1570	716	1.60	ESF 87ER57	4
2.2	1410	630	1.80	ESAF87ER57	4
2.8	1120	493	2.2		
3.2	1200	436	2.0		
2.8	1310	497	0.95		
3.2	1170	441	1.05	ES 77ER37	4
3.6	1040	389	1.20	ESA 77ER37	4
4.3	880	325	1.40	ESF 77ER37	4
4.8	785	289	1.60	ESAF77ER37	4
5.5	695	252	1.80		
5.6	670	248	0.85	ES 67ER37	4
6.2	605	223	0.95	ESA 67ER37	4
7.0	545	199	1.05	ESF 67ER37	4
8.2	470	170	1.20	ESAF67ER37	4
2.2	1430	302.40	1.60	ES 87	8
2.5	1290	271.09	1.75	ESA 87	8
2.9	1130	233.52	2.0	ESF 87	8
3.1	1040	213.11	2.2	ESAF87	8
2.9	1110	302.40	2.1	ES 87	6
3.3	1000	271.09	2.3	ESA 87	6
3.8	880	233.52	2.6	ESF 87	6
4.2	810	213.11	2.8	ESAF87	6
3.0	1070	225.26	1.20	ES 77	8
3.2	1010	212.00	1.25	ESA 77	8
3.5	910	189.09	1.40	ESF 77	8
4.1	790	161.60	1.60	ESAF77	8
3.5	930	256.47	1.35		
3.9	830	225.26	1.55	ES 77	6
4.2	785	212.00	1.60	ESA 77	6
4.7	710	189.09	1.80	ESF 77	6
5.5	615	161.60	2.0	ESAF77	6
6.2	555	225.26	2.3	ES 77	4
6.6	525	212.00	2.4	ESA 77	4
7.4	470	189.09	2.7	ESF 77	4
				ESAF77	4
6.4	505	217.41	1.05		
7.3	445	190.11	1.15		
7.8	420	178.50	1.25	ES 67	4
8.8	380	158.45	1.35	ESA 67	4
10	330	134.40	1.60	ESF 67	4
11	300	121.33	1.75	ESAF67	4
13	270	106.75	1.95		

输出转速 Output speed (r/min)	输出转矩 Output torque (Nm)	传动比 Ratio (i)	使用系数 Service factor (f_B)	机型号 Type	电机极数 Motor pole
0.55kW					
14	255	100.80	2.0	ES 67	4
16	220	85.83	2.4	ESA 67	4
18	200	78.00	2.6	ESF 67	4
21	178	67.57	2.9	ESAF67	4
9.4	350	94.08	0.85		
11	315	84.00	0.95		
12	275	71.75	1.05		
13	260	67.20	1.10	ES 57	6
16	225	56.61	1.30	ESA 57	6
17	240	52.21	1.00	ESF 57	6
18	225	48.80	1.10	ESAF57	6
21	196	42.18	1.25		
25	168	35.84	1.45		
8.8	370	158.12	0.80		
10	325	137.05	0.90		
11	305	128.10	0.95		
13	270	110.73	1.10		
15	235	94.08	1.25		
17	210	84.00	1.40		
19	183	71.75	1.60		
21	173	67.20	1.65	ES 57	4
25	148	56.61	1.90	ESA 57	4
27	156	52.21	1.55	ESF 57	4
28	147	48.80	1.65	ESAF57	4
33	128	42.18	1.90		
39	110	35.84	2.2		
43	99	32.00	2.5		
51	85	27.33	2.9		
54	80	25.60	3.1		
64	68	21.57	3.6		
17	205	84.00	0.80		
19	180	71.75	0.95		
21	169	67.20	1.00		
25	145	56.61	1.15		
26	159	53.84	0.95		
28	149	50.33	1.05		
32	130	43.50	1.20		
38	112	36.96	1.40		
42	101	33.00	1.55	ES 47	4
49	87	28.19	1.80	ESA 47	4
53	81	26.40	1.90	ESF 47	4
55	82	25.16	1.75	ESAF47	4
63	69	22.24	2.2		
64	72	21.75	1.55		
75	61	18.48	1.80		
84	55	16.50	2.0		
99	47	14.09	2.3		
105	44	13.20	2.5		
125	38	11.12	2.9		
168	28	8.25	3.9		
45	91	30.89	0.85		
51	81	27.26	0.90		
58	72	24.17	1.00		
69	66	20.22	0.80	ES 37	4
74	61	18.85	0.85	ESA 37	4
84	54	16.48	0.95	ESF 37	4
90	51	15.45	0.95	ESAF37	4
102	45	13.63	1.05		
115	40	12.08	1.20		
135	34	10.27	1.40		



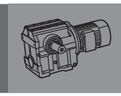
输出转速 Output speed (r/min)	输出转矩 Output torque (Nm)	传动比 Ratio (i)	使用系数 Service factor (f_B)	机型号 Type	电机极数 Motor pole
0.75kW					
1.1	4560	1231	0.90		
1.3	4000	1072	1.05		
1.5	3460	921	1.20	ES 97ER57	4
1.7	3140	829	1.35	ESA 97ER57	4
2.0	2700	709	1.55	ESF 97ER57	4
2.2	2400	629	1.75	ESAF97ER57	4
2.6	2060	534	2.0		
2.9	1870	484	2.2		
1.4	2960	1024	0.85		
1.5	2690	921	0.95		
1.7	2450	829	1.00		
1.9	2150	716	1.15	ES 87ER57	4
2.2	1930	630	1.30	ESA 87ER57	4
2.8	1540	493	1.65	ESF 87ER57	4
3.2	1640	436	1.50	ESAF87ER57	4
3.7	1430	378	1.70		
4.3	1240	324	1.95		
4.3	1200	325	1.05	ES 77ER37	4
4.8	1080	289	1.15	ESA 77ER37	4
5.5	950	252	1.30	ESF 77ER37	4
6.2	850	224	1.45	ESAF77ER37	4
2.2	1990	307.88	2.0	ES 97	8
2.4	1840	281.89	2.2	ESA 97	8
2.7	1650	249.04	2.4	ESF 97	8
3.2	1420	211.26	2.8	ESAF97	8
3.0	1470	302.40	1.55	ES 87	6
3.4	1330	271.09	1.70	ESA 87	6
3.9	1170	233.52	1.95	ESF 87	6
4.3	1080	213.11	2.1	ESAF87	6
4.6	1000	302.40	2.3	ES 87	4
5.1	910	271.09	2.5	ESA 87	4
6.0	790	233.52	2.9	ESF 87	4
6.5	730	213.11	3.1	ESAF87	4
4.0	1100	225.26	1.15	ES 77	6
4.3	1040	212.00	1.20	ESA 77	6
4.8	940	189.09	1.35	ESF 77	6
5.6	820	161.60	1.55	ESAF77	6
6.2	755	225.26	1.70		
6.6	715	212.00	1.80		
7.4	645	189.09	1.95	ES 77	4
8.6	560	161.60	2.3	ESA 77	4
9.5	515	146.67	2.4	ESF 77	4
11	460	130.00	2.6	ESAF77	4
11	440	123.20	2.7		
13	390	107.83	3.0		
7.3	610	190.11	0.85		
7.8	575	178.50	0.90		
8.8	515	158.45	1.00		
10	445	134.40	1.15		
11	410	121.33	1.25		
13	365	106.75	1.40		
14	345	100.80	1.50	ES 67	4
16	300	85.83	1.75	ESA 67	4
18	275	78.00	1.90	ESF 67	4
20	285	70.16	1.70	ESAF67	4
21	240	67.57	2.1		
21	270	65.88	1.80		
24	215	58.80	2.3		
28	205	49.60	2.3		
31	187	44.78	2.6		
13	365	71.75	0.80		
14	345	67.20	0.85	ES 57	6
16	295	56.61	0.95	ESA 57	6
19	300	48.80	0.80	ESF 57	6
22	260	42.18	0.95	ESAF57	6

输出转速 Output speed (r/min)	输出转矩 Output torque (Nm)	传动比 Ratio (i)	使用系数 Service factor (f_B)	机型号 Type	电机极数 Motor pole
0.75kW					
13	365	110.73	0.80		
15	320	94.08	0.95		
17	290	84.00	1.00		
19	250	71.75	1.15		
21	235	67.20	1.20		
25	200	56.61	1.40		
27	215	52.21	1.15		
28	200	48.80	1.20	ES 57	4
33	175	42.18	1.40	ESA 57	4
39	150	35.84	1.65	ESF 57	4
43	135	32.00	1.80	ESAF57	4
51	116	27.33	2.1		
54	109	25.60	2.2		
64	93	21.57	2.6		
78	82	17.92	2.1		
87	73	16.00	2.3		
102	63	13.67	2.7		
32	177	43.50	0.85		
38	152	36.96	1.00		
42	137	33.00	1.15		
49	118	28.19	1.30		
53	111	26.40	1.40		
55	112	25.16	1.30	ES 47	4
63	94	22.24	1.65	ESA 47	4
64	98	21.75	1.15	ESF 47	4
75	84	18.48	1.30	ESAF47	4
84	75	16.50	1.45		
99	64	14.09	1.70		
105	60	13.20	1.80		
125	51	11.12	2.1		
168	39	8.25	2.8		
102	61	13.63	0.80	ES 37	4
115	54	12.08	0.90	ESA 37	4
135	47	10.27	1.00	ESF 37	4
				ESAF37	4
1.1kW					
1.7	4580	829	0.90		
2.0	3940	709	1.05	ES 97ER57	4
2.2	3510	629	1.20	ESA 97ER57	4
2.6	3000	534	1.40	ESF 97ER57	4
2.9	2740	484	1.55	ESAF97ER57	4
3.3	2400	421	1.75		
2.2	2810	630	0.90		
2.5	2500	555	1.00		
2.8	2240	493	1.10		
3.2	2390	436	1.00	ES 87ER57	4
3.7	2090	378	1.15	ESA 87ER57	4
4.3	1810	324	1.30	ESF 87ER57	4
5.0	1590	281	1.50	ESAF87ER57	4
5.5	1440	253	1.40		
6.2	1290	226	1.55		
7.0	1140	199	1.75		
6.2	1240	224	1.00	ES 77ER37	4
				ESA 77ER37	4
				ESF 77ER37	4
				ESAF77ER37	4
2.2	2930	307.88	1.35		
2.4	2700	281.89	1.50	ES 97	8
2.7	2410	249.04	1.65	ESA 97	8
3.2	2090	211.26	1.90	ESF 97	8
3.5	1940	194.52	2.0	ESAF97	8
3.0	2250	307.88	1.80	ES 97	6
3.2	2080	281.89	1.90	ESA 97	6
3.7	1860	249.04	2.2	ESF 97	6
4.3	1600	211.26	2.5	ESAF97	6
3.0	2160	302.40	1.05	ES 87	6
3.4	1950	271.09	1.15	ESA 87	6
3.9	1710	233.52	1.35	ESF 87	6
4.3	1580	213.11	1.45	ESAF87	6



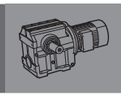
输出转速 Output speed (r/min)	输出转矩 Output torque (Nm)	传动比 Ratio (i)	使用系数 Service factor (f_B)	机型号 Type	电机极数 Motor pole
1.1kW					
4.6	1460	302.40	1.55		
5.2	1320	271.09	1.75	ES 87	4
6.0	1150	233.52	2.0	ESA 87	4
6.6	1060	213.11	2.1	ESF 87	4
7.4	950	189.00	2.3	ESAF87	4
8.8	820	158.87	2.6		
6.2	1100	225.26	1.15		
6.6	1040	212.00	1.20		
7.4	940	189.09	1.35		
8.7	810	161.60	1.55	ES 77	4
9.5	750	146.67	1.65	ESA 77	4
11	670	130.00	1.80	ESF 77	4
11	640	123.20	1.90	ESAF77	4
13	565	107.83	2.1		
14	515	97.14	2.2		
16	460	85.22	2.4		
12	595	121.33	0.85		
13	530	106.75	1.00		
14	505	100.80	1.05		
16	435	85.83	1.20		
18	400	78.00	1.30		
20	415	70.16	1.15	ES 67	4
21	355	67.57	1.45	ESA 67	4
21	390	65.88	1.25	ESF 67	4
24	315	58.80	1.60	ESAF67	4
28	300	49.60	1.60		
31	275	44.78	1.75		
36	240	39.40	2.0		
38	230	37.20	2.1		
44	197	31.67	2.4		
49	180	28.79	2.7		
20	365	71.75	0.80		
21	345	67.20	0.85		
25	295	56.61	0.95		
27	310	52.21	0.80		
29	290	48.80	0.85		
33	255	42.18	0.95		
39	220	35.84	1.10		
44	196	32.00	1.25	ES 57	4
51	169	27.33	1.45	ESA 57	4
55	159	25.60	1.55	ESF 57	4
65	136	21.57	1.80	ESAF57	4
78	119	17.92	1.40		
88	107	16.00	1.60		
102	92	13.67	1.85		
109	86	12.80	1.95		
130	73	10.78	2.3		
175	55	8.00	3.1		
50	172	28.19	0.90		
53	162	26.40	0.95		
56	164	25.16	0.90		
63	138	22.24	1.15	ES 47	4
76	122	18.48	0.90	ESA 47	4
85	109	16.50	1.00	ESF 47	4
99	94	14.09	1.15	ESAF47	4
106	88	13.20	1.25		
126	75	11.12	1.45		
170	56	8.25	1.95		
1.5kW					
2.0	5390	709	0.80		
2.2	4800	629	0.85		
2.6	4110	534	1.00	ES 97ER57	4
2.9	3740	484	1.10	ESA 97ER57	4
3.3	3280	421	1.30	ESF 97ER57	4
3.8	2930	373	1.45	ESAF97ER57	4
4.3	2590	326	1.60		

输出转速 Output speed (r/min)	输出转矩 Output torque (Nm)	传动比 Ratio (i)	使用系数 Service factor (f_B)	机型号 Type	电机极数 Motor pole
1.5kW					
2.8	3070	493	0.80		
3.2	2965	436	0.85		
3.7	2860	378	0.85	ES 87ER57	4
4.3	2480	324	0.95	ESA 87ER57	4
5.0	2180	281	1.10	ESF 87ER57	4
5.5	1970	253	1.00	ESAF87ER57	4
6.2	1770	226	1.10		
7.0	1570	199	1.25		
2.2	3930	307.88	1.00		
2.4	3630	281.89	1.10	ES 97	8
2.8	3240	249.04	1.25	ESA 97	8
3.3	2810	211.26	1.45	ESF 97	8
3.5	2600	194.52	1.50	ESAF97	8
3.0	3030	307.88	1.30		
3.3	2810	281.89	1.40	ES 97	6
3.7	2510	249.04	1.60	ESA 97	6
4.4	2150	211.26	1.85	ESF 97	6
4.7	2000	194.52	1.95	ESAF97	6
4.5	2070	307.88	1.95		
5.0	1910	281.89	2.1	ES 97	4
5.6	1710	249.04	2.3	ESA 97	4
6.6	1480	211.26	2.7	ESF 97	4
7.2	1370	194.52	2.9	ESAF97	4
3.4	2640	271.09	0.85	ES 87	6
3.9	2310	233.52	1.00	ESA 87	6
4.3	2130	213.11	1.05	ESF 87	6
4.9	1900	189.00	1.15	ESAF87	6
4.6	1990	302.40	1.15		
5.2	1800	271.09	1.25		
6.0	1570	233.52	1.45		
6.6	1450	213.11	1.55	ES 87	4
7.4	1300	189.00	1.70	ESA 87	4
8.8	1120	158.87	1.95	ESF 87	4
9.6	1030	146.00	2.0	ESAF87	4
11	930	129.65	2.2		
12	840	115.92	2.4		
13	760	104.22	2.6		
7.4	1280	189.09	1.00		
8.7	1110	161.60	1.15		
9.5	1020	146.67	1.20		
11	920	130.00	1.30		
11	870	123.20	1.40		
13	770	107.83	1.50		
14	700	97.14	1.60		
15	770	95.74	1.40	ES 77	4
16	730	90.10	1.50	ESA 77	4
16	625	85.22	1.75	ESF 77	4
17	655	80.36	1.70	ESAF77	4
19	560	75.20	1.90		
20	565	68.68	1.95		
21	505	66.67	2.1		
22	520	62.33	2.1		
25	460	55.25	2.4		
27	440	52.36	2.5		
39	310	36.22	3.5		
16	595	85.83	0.85		
18	545	78.00	0.95		
20	565	70.16	0.85		
21	480	67.57	1.10		
21	535	65.88	0.90		
24	425	58.80	1.15		
28	410	49.60	1.15		
31	370	44.78	1.30	ES 67	4
36	330	39.40	1.45	ESA 67	4
38	310	37.20	1.55	ESF 67	4
40	310	35.08	1.10	ESAF67	4
43	295	32.94	1.15		
44	270	31.67	1.80		
48	265	29.24	1.30		
49	245	28.79	1.95		
56	225	24.80	1.50		
63	205	22.39	1.65		



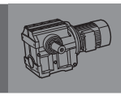
输出转速 Output speed (r/min)	输出转矩 Output torque (Nm)	传动比 Ratio (i)	使用系数 Service factor (f_B)	机型号 Type	电机极数 Motor pole
1.5kW					
65	190	21.70	2.5		
71	179	19.70	1.90	ES 67	4
75	170	18.60	2.0	ESA 67	4
88	146	15.84	2.3	ESF 67	4
97	133	14.39	2.6	ESAF67	4
112	116	12.47	2.9		
44	270	32.00	0.90		
51	230	27.33	1.05		
55	215	25.60	1.15		
65	185	21.57	1.30	ES 57	4
78	163	17.92	1.05	ESA 57	4
88	146	16.00	1.15	ESF 57	4
102	125	13.67	1.35	ESAF57	4
109	118	12.80	1.45		
130	100	10.78	1.70		
175	75	8.00	2.2		
99	128	14.09	0.85	ES 47	4
106	120	13.20	0.90	ESA 47	4
126	102	11.12	1.05	ESF 47	4
170	77	8.25	1.40	ESAF47	4
2.2kW					
3.4	4760	421	0.90		
3.8	4250	373	1.00	ES 97ER57	4
4.4	3750	326	1.10	ESA 97ER57	4
5.0	3260	282	1.30	ESF 97ER57	4
5.6	2960	255	1.40	ESAF97ER57	4
3.1	4360	307.88	0.90		
3.3	4030	281.89	1.00	ES 97	6
3.8	3600	249.04	1.10	ESA 97	6
4.4	3090	211.26	1.30	ESF 97	6
4.8	2870	194.52	1.35	ESAF97	6
4.6	2990	307.88	1.35		
5.0	2760	281.89	1.45		
5.7	2470	249.04	1.60		
6.7	2140	211.26	1.85		
7.3	1990	194.52	1.95	ES 97	4
8.2	1790	173.87	2.1	ESA 97	4
9.1	1630	156.52	2.3	ESF 97	4
10	1490	141.74	2.5	ESAF97	4
11	1340	125.69	2.6		
12	1230	113.64	2.8		
15	1060	96.32	3.0		
17	1040	83.52	3.2		
5.2	2600	271.09	0.90		
6.1	2270	233.52	1.00		
6.7	2090	213.11	1.10		
7.5	1880	189.00	1.20		
8.9	1610	158.87	1.35		
9.7	1490	146.00	1.40	ES 87	4
11	1340	129.65	1.55	ESA 87	4
12	1210	115.92	1.65	ESF 87	4
14	1100	104.22	1.80	ESAF87	4
16	970	90.46	1.95		
18	880	81.00	2.1		
20	880	72.00	1.80		
21	755	67.20	2.2		
23	745	60.52	2.2		
26	685	55.62	2.3		
11	1320	130.00	0.90		
12	1260	123.20	0.95		
13	1120	107.83	1.05		
15	1010	97.14	1.10		
17	900	85.22	1.20	ES 77	4
18	950	80.36	1.15	ESA 77	4
19	810	75.20	1.30	ESF 77	4
21	820	68.68	1.35	ESAF77	4
21	730	66.67	1.40		
23	750	62.33	1.45		
26	665	55.25	1.65		
27	635	52.36	1.75		

输出转速 Output speed (r/min)	输出转矩 Output torque (Nm)	传动比 Ratio (i)	使用系数 Service factor (f_B)	机型号 Type	电机极数 Motor pole
2.2kW					
35	520	40.18	1.35		
39	450	36.22	2.4		
41	450	34.34	1.60		
46	410	31.17	1.75		
50	360	28.33	3.1	ES 77	4
51	365	27.63	1.95	ESA 77	4
54	345	26.18	2.1	ESF 77	4
59	310	24.19	3.2	ESAF77	4
62	305	22.91	2.3		
69	275	20.64	2.6		
29	595	49.60	0.80		
32	540	44.78	0.90		
36	475	39.40	1.00		
38	450	37.20	1.05		
45	390	31.67	1.25		
49	380	29.24	0.90		
49	355	28.79	1.35	ES 67	4
57	325	24.80	1.05	ESA 67	4
63	295	22.39	1.15	ESF 67	4
65	275	21.70	1.75	ESAF67	4
72	260	19.70	1.30		
76	245	18.60	1.40		
90	210	15.84	1.60		
99	192	14.39	1.75		
114	168	12.47	2.0		
131	147	10.85	2.3		
183	106	7.75	3.2		
89	210	16.00	0.80		
104	181	13.67	0.95	ES 57	4
111	170	12.80	1.00	ESA 57	4
132	144	10.78	1.15	ESF 57	4
178	109	8.00	1.55	ESAF57	4
3kW					
5.0	4460	282	0.95	ES 97ER57	4
5.6	4050	255	1.05	ESA 97ER57	4
6.4	3530	221	1.20	ESF 97ER57	4
6.8	3340	208	1.25	ESAF97ER57	4
4.6	4080	307.88	1.00		
5.0	3770	281.89	1.05		
5.7	3370	249.04	1.20		
6.7	2920	211.26	1.35		
7.3	2710	194.52	1.45	ES 97	4
8.2	2440	173.87	1.55	ESA 97	4
9.1	2220	156.52	1.70	ESF 97	4
10	2030	141.74	1.80	ESAF97	4
11	1820	125.69	1.90		
12	1670	113.64	2.1		
15	1450	96.32	2.2		
17	1420	83.52	2.3		
7.5	2560	189.00	0.85		
8.9	2200	158.87	1.00		
9.7	2040	146.00	1.05		
11	1830	129.65	1.15		
12	1650	115.92	1.20		
14	1500	104.22	1.30		
16	1320	90.46	1.40	ES 87	4
18	1200	81.00	1.50	ESA 87	4
20	1200	72.00	1.35	ESF 87	4
21	1030	67.20	1.65	ESAF87	4
23	1010	60.52	1.60		
26	940	55.62	1.70		
29	840	49.39	1.90		
32	755	44.16	2.1		
36	690	39.70	2.3		
41	590	34.46	2.7		



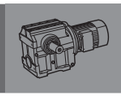
输出转速 Output speed (r/min)	输出转矩 Output torque (Nm)	传动比 Ratio (i)	使用系数 Service factor (f_B)	机型号 Type	电机极数 Motor pole
3kW					
17	1230	85.22	0.90		
18	1290	80.36	0.85		
19	1100	75.20	0.95		
21	1120	68.68	1.00		
21	1000	66.67	1.05		
23	1020	62.33	1.10		
26	910	55.25	1.20		
27	860	52.36	1.25		
35	710	40.18	1.00		
39	615	36.22	1.80	ES 77	4
41	610	34.34	1.15	ESA 77	4
46	555	31.17	1.25	ESF 77	4
50	490	28.33	2.2	ESAF77	4
51	495	27.63	1.45		
54	470	26.18	1.50		
59	425	24.19	2.3		
62	415	22.91	1.70		
69	375	20.64	1.90		
78	330	18.11	2.1		
89	295	15.98	2.4		
100	265	14.17	2.7		
117	225	12.10	3.2		
38	615	37.20	0.80		
45	530	31.67	0.90		
49	485	28.79	1.00		
63	400	22.39	0.85		
65	375	21.70	1.30	ES 67	4
72	355	19.70	0.95	ESA 67	4
76	335	18.60	1.00	ESF 67	4
90	285	15.84	1.20	ESAF67	4
99	260	14.39	1.30		
114	230	12.47	1.50		
131	200	10.85	1.70		
183	145	7.75	2.3		
132	197	10.78	0.85	ES 57	4
178	148	8.00	1.15	ESA 57	4
				ESF 57	4
				ESAF57	4
4kW					
6.5	4650	221	0.90	ES 97ER57	4
6.9	4390	208	0.95	ESA 97ER57	4
				ESF 97ER57	4
				ESAF97ER57	4
5.8	4430	249.04	0.90		
6.8	3840	211.26	1.05		
7.4	3560	194.52	1.10		
8.3	3210	173.87	1.20		
9.2	2920	156.52	1.30		
10	2670	141.74	1.35	ES 97	4
11	2400	125.69	1.45	ESA 97	4
13	2200	113.64	1.55	ESF 97	4
15	1910	96.32	1.70	ESAF97	4
17	1860	83.52	1.75		
19	1720	76.90	1.90		
21	1540	68.74	2.1		
23	1400	61.88	2.4		
26	1270	56.04	2.6		
11	2400	129.65	0.85	ES 87	4
12	2170	115.92	0.90	ESA 87	4
14	1970	104.22	1.00	ESF 87	4
16	1740	90.46	1.10	ESAF87	4

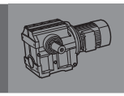
输出转速 Output speed (r/min)	输出转矩 Output torque (Nm)	传动比 Ratio (i)	使用系数 Service factor (f_B)	机型号 Type	电机极数 Motor pole
4kW					
18	1580	81.00	1.15		
20	1570	72.00	1.00		
21	1360	67.20	1.25		
24	1330	60.52	1.20		
26	1230	55.62	1.30	ES 87	4
29	1100	49.39	1.45	ESA 87	4
33	990	44.16	1.60	ESF 87	4
36	910	39.70	1.75	ESAF87	4
42	780	34.46	2.1		
47	710	30.86	2.2		
56	600	25.60	2.7		
26	1200	55.25	0.90		
28	1140	52.36	0.95		
40	810	36.22	1.35		
42	800	34.34	0.90		
46	730	31.17	0.95		
51	645	28.33	1.70		
52	650	27.63	1.10	ES 77	4
55	620	26.18	1.15	ESA 77	4
60	555	24.19	1.75	ESF 77	4
63	545	22.91	1.30	ESAF77	4
70	495	20.64	1.45		
80	435	18.11	1.65		
90	385	15.98	1.85		
102	345	14.17	2.1		
119	295	12.10	2.4		
66	490	21.70	0.95		
91	375	15.84	0.90	ES 67	4
100	345	14.39	1.00	ESA 67	4
115	300	12.47	1.15	ESF 67	4
133	265	10.85	1.30	ESAF67	4
186	191	7.75	1.80		
5.5kW					
8.3	4410	173.87	0.85		
9.2	4010	156.52	0.95		
10	3670	141.74	1.00		
11	3300	125.69	1.05		
13	3020	113.64	1.15		
15	2620	96.32	1.25		
17	2350	84.13	1.30	ES 97	4
17	2560	83.52	1.30	ESA 97	4
19	2360	76.90	1.40	ESF 97	4
20	2000	70.36	1.45	ESAF97	4
21	2120	68.74	1.55		
23	1920	61.88	1.70		
26	1750	56.04	1.90		
29	1560	49.69	2.1		
32	1420	44.93	2.3		
38	1220	38.08	2.7		
18	2180	81.00	0.85		
21	1860	67.20	0.90		
24	1830	60.52	0.85		
26	1690	55.62	0.95	ES 87	4
29	1510	49.39	1.05	ESA 87	4
33	1360	44.16	1.20	ESF 87	4
36	1250	39.70	1.30	ESAF87	4
42	1070	34.46	1.50		
47	980	30.86	1.65		



输出转速 Output speed (r/min)	输出转矩 Output torque (Nm)	传动比 Ratio (i)	使用系数 Service factor (f_B)	机型号 Type	电机极数 Motor pole
5.5kW					
52	910	27.81	1.35		
56	820	25.60	1.95		
58	810	24.70	1.55		
65	730	22.08	1.70	ES 87	4
73	660	19.85	1.90	ESA 87	4
84	575	17.23	2.2	ESF 87	4
93	520	15.43	2.4	ESAF87	4
112	435	12.80	2.9		
129	380	11.13	3.3		
40	1110	36.22	1.00		
51	890	28.33	1.25		
52	900	27.63	0.80		
55	850	26.18	0.85		
60	765	24.19	1.30	ES 77	4
63	750	22.91	0.95	ESA 77	4
70	675	20.64	1.05	ESF 77	4
80	600	18.11	1.20	ESAF77	4
90	530	15.98	1.35		
102	475	14.17	1.50		
119	405	12.10	1.75		
115	415	12.47	0.80	ES 67	4
133	365	10.85	0.95	ESA 67	4
186	260	7.75	1.30	ESF 67	4
				ESAF67	4
7.5kW					
13	4060	113.64	0.85		
15	3530	96.32	0.90		
17	3160	84.13	1.00		
17	3440	83.52	0.95		
19	3180	76.90	1.05		
21	2680	70.36	1.10		
21	2860	68.74	1.15		
24	2580	61.88	1.30	ES 97	4
26	2350	56.04	1.40	ESA 97	4
29	2100	49.69	1.55	ESF 97	4
32	1910	44.93	1.75	ESAF97	4
38	1640	38.08	2.0		
44	1450	33.26	2.2		
47	1380	30.94	1.90		
52	1250	28.02	2.1		
59	1120	24.85	2.3		
65	1010	22.46	2.6		
77	870	19.04	3.0		
33	1830	44.16	0.85		
37	1680	39.70	0.95		
42	1440	34.46	1.10		
47	1320	30.86	1.20		
52	1230	27.81	1.00	ES 87	4
57	1110	25.60	1.45	ESA 87	4
59	1090	24.70	1.15	ESF 87	4
66	980	22.08	1.25	ESAF87	4
74	890	19.85	1.40		
85	775	17.23	1.60		
95	700	15.43	1.75		
114	585	12.80	2.1		
131	510	11.13	2.4		
52	1190	28.33	0.90		
60	1030	24.19	0.95		
71	910	20.64	0.80	ES 77	4
81	800	18.11	0.90	ESA 77	4
91	715	15.98	1.00	ESF 77	4
103	640	14.17	1.10	ESAF77	4
121	550	12.10	1.30		

输出转速 Output speed (r/min)	输出转矩 Output torque (Nm)	传动比 Ratio (i)	使用系数 Service factor (f_B)	机型号 Type	电机极数 Motor pole
11kW					
26	3450	56.04	0.95		
29	3080	49.69	1.05		
32	2810	44.93	1.20		
38	2410	38.08	1.35		
44	2130	33.26	1.50		
47	2020	30.94	1.30	ES 97	4
52	1840	28.02	1.40	ESA 97	4
59	1640	24.85	1.60	ESF 97	4
65	1490	22.46	1.75	ESAF97	4
77	1270	19.04	2.0		
88	1120	16.63	2.2		
105	940	13.91	2.5		
121	820	12.04	2.7		
47	1930	30.86	0.85		
57	1620	25.60	1.00		
66	1440	22.08	0.85	ES 87	4
74	1300	19.85	0.95	ESA 87	4
85	1140	17.23	1.10	ESF 87	4
95	1030	15.43	1.20	ESAF87	4
114	860	12.80	1.45		
131	745	11.13	1.65		
15kW					
32	3830	44.93	0.85		
38	3280	38.08	1.00		
44	2900	33.26	1.10		
47	2760	30.94	0.95		
52	2510	28.02	1.05	ES 97	4
59	2230	24.85	1.15	ESA 97	4
65	2030	22.46	1.30	ESF 97	4
77	1730	19.04	1.50	ESAF97	4
88	1520	16.63	1.60		
105	1280	13.91	1.80		
121	1110	12.04	2.0		
85	1550	17.23	0.80	ES 87	4
95	1400	15.43	0.90	ESA 87	4
114	1170	12.80	1.05	ESF 87	4
131	1020	11.13	1.20	ESAF87	4
18.5kW					
39	4020	38.08	0.80		
44	3550	33.26	0.90		
52	3070	28.02	0.85		
59	2740	24.85	0.95	ES 97	4
65	2480	22.46	1.05	ESA 97	4
77	2120	19.04	1.20	ESF 97	4
88	1860	16.63	1.35	ESAF97	4
106	1570	13.91	1.50		
122	1360	12.04	1.60		
22kW					
59	3250	24.85	0.80		
65	2950	22.46	0.90	ES 97	4
77	2530	19.04	1.00	ESA 97	4
88	2220	16.63	1.10	ESF 97	4
106	1860	13.91	1.25	ESAF97	4
122	1620	12.04	1.35		





ES系列恒扭矩选型参数表
Constant torque model selection parameter form of ES series

输出转速 Output speed (r/min)	传动比 Ratio (i)	机型号 Type	电机功率 Power (kW)/4P
92Nm			
0.14	10037	ES 37ER17 ESA 37ER17 ESF 37ER17 ESAF37ER17	0.12
0.16	8463		
0.17	8281		
0.20	7051		
0.23	6079		
0.26	5311		
0.29	4747		
0.33	4155		
0.38	3632		
0.49	2850		
0.57	2446		
0.64	2162		
0.74	1890		
0.84	1661		
0.95	1456		
1.1	1273		
1.2	1118		
1.4	987		
1.6	871		
1.8	780		0.12
2.1	649		
2.3	597		
2.7	522		
3.0	456		
3.5	401		
3.9	354		
4.6	305		
5.2	265		
6.0	232		
6.8	203		
7.8	178		0.18
8.9	157		
9.6	145		
12	118		
13	109		
185Nm			
0.11	12909	ES 47ER17 ESA 47ER17 ESF 47ER17 ESAF47ER17	0.12
0.12	11527		
0.13	10598		
0.15	9068		
0.18	7860		
0.20	6887		
0.23	6077		
0.26	5292		
0.30	4637		
0.34	4092		
0.39	3562		
0.45	3088		
0.51	2705		
0.58	2399		
0.66	2120		
0.73	1893		
0.83	1680		
0.97	1427		
1.1	1252		
1.3	1088		
1.4	984		0.12
1.6	853		
1.9	745		
2.1	653		
2.4	576		
2.7	511		
3.2	438		
3.6	390		
4.1	335		0.18
4.8	290		
5.4	256		
6.1	228		
7.0	199		0.25
7.5	186		
8.3	167		
9.3	149		0.37
10	134		

输出转速 Output speed (r/min)	传动比 Ratio (i)	机型号 Type	电机功率 Power (kW)/4P
330Nm			
0.11	12909	ES 57ER17 ESA 57ER17 ESF 57ER17 ESAF57ER17	0.12
0.12	11527		
0.13	10598		
0.15	9068		
0.18	7860		
0.20	6887		
0.23	6077		
0.26	5292		
0.30	4637		
0.34	4092		
0.38	3627		
0.44	3136		
0.52	2683		0.12
0.57	2419		
0.65	2147		
0.74	1884		
0.83	1668		
0.96	1450		
1.1	1257		
1.3	1055		
1.4	962		0.12
1.6	887		
1.9	741		
2.1	668		
2.4	584		0.18
2.7	507		
3.1	443		
3.5	394		
4.2	332		0.25
4.7	293		
5.1	271		
6.2	225		0.37
6.7	207		
7.5	186		
8.5	163		0.55
11	130		
570Nm			
0.07	21362	ES 67ER37 ESA 67ER37 ESF 67ER37 ESAF67ER37	0.12
0.07	19594		
0.08	18119		
0.08	16682		
0.10	14384		
0.11	12774		
0.13	11014		
0.14	9694		
0.16	8529		
0.19	7455		
0.21	6531		
0.24	5769		
0.28	4935		
0.32	4355		
0.36	3861		
0.40	3439		
0.47	2952		
0.53	2613		
0.61	2276		
0.69	2015		
0.79	1765		
0.90	1543		
1.0	1366		
1.2	1205		
1.3	1043		0.18
1.5	908		

输出转速 Output speed (r/min)	传动比 Ratio (i)	机型号 Type	电机功率 Power (kW)/4P
570Nm			
3.0	470	ES 67ER37 ESA 67ER37 ESF 67ER37 ESAF67ER37	0.37
3.3	424		
3.7	373		
1.7	808		0.18
2.0	711		
2.3	615		0.25
2.6	530		
4.3	320		0.55
4.9	281		
5.6	248		
6.2	223		
7.0	199		0.75
1270Nm			
0.05	25492	ES 77ER37 ESA 77ER37 ESF 77ER37 ESAF77ER37	0.12
0.06	21786		
0.07	19908		
0.08	17014		
0.09	14669		
0.11	13109		
0.12	11568		
0.14	9886		
0.16	8818		
0.18	7736		
0.21	6735		
0.23	5943		
0.27	5213		
0.30	4617		
0.35	3992		
0.39	3539		
0.45	3097		0.18
1240Nm			
0.51	2750	ES 77ER37 ESA 77ER37 ESF 77ER37 ESAF77ER37	0.12
0.58	2397		
0.66	2095		0.18
0.78	1791		
0.80	1741		
0.88	1587		
0.98	1419		0.25
1.1	1270		
1.2	1125		0.25
1.5	951		0.37
1.7	826		
1.9	719		
2.2	638		0.55
2.5	565		
2.8	497		
3.2	441		0.75
3.6	389		
4.3	325		1.1
4.8	289		
5.6	252		
6.3	224		
2500Nm			
0.05	26209	ES 87ER57 ESA 87ER57 ESF 87ER57 ESAF87ER57	0.12
0.06	24343		
0.07	20603		
0.08	18272		
0.08	16971		
0.09	15109		
0.11	13110		
0.12	11207		
0.14	9899		
0.16	8470		
0.18	7615		
0.21	6743		

输出转速 Output speed (r/min)	传动比 Ratio (i)	机型号 Type	电机功率 Power (kW)/4P
2500Nm			
0.24	5844	ES 87ER57 ESA 87ER57 ESF 87ER57 ESAF87ER57	0.18
0.27	5184		
0.30	4691		
0.37	3800		0.25
0.40	3484		
0.48	2905		
0.54	2579		0.37
0.60	2336		
0.67	2073		
0.77	1815		
0.85	1641		0.55
1.1	1319		
1.1	1212		
1.4	1024		0.75
1.5	921		
1.7	829		1.1
2.0	716		
2.2	630		
2.5	555		
2.8	493		1.5
2450Nm			
3.2	436		1.5
3.7	378		
2400Nm			
4.4	324		2.2
5.1	281		
4200Nm			
0.04	33691	ES 97ER57 ESA 97ER57 ESF 97ER57 ESAF97ER57	0.12
0.05	30847		
0.05	27646		
0.06	25055		
0.07	21287		
0.07	18806		
0.08	16487		
0.09	14682		
0.11	12704		
0.12	11287		
0.14	10079		0.18
0.16	8591		
0.18	7554		
0.21	6731		0.25
0.24	5838		
0.28	4941		
0.31	4415		0.37
0.35	3998		
0.41	3419		
0.45	3098		
0.52	2661		
0.59	2356		
0.66	2105		0.55
0.76	1837		
0.88	1581		
0.99	1409		0.75
1.1	1231		
1.3	1072		1.1
1.5	921		
1.7	829		
2.0	709		1.5
2.2	629		
2.6	534		
2.9	484		2.2
3.4	421		
3.8	373		
4.4	326		3
5.0	282		
5.6	255		4
6.5	221		

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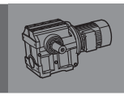
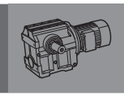




ES系列轴输入型选型参数表（n=1400 r/min）

Model selection parameter form of shaft input type of ES series(n=1400 r/min)

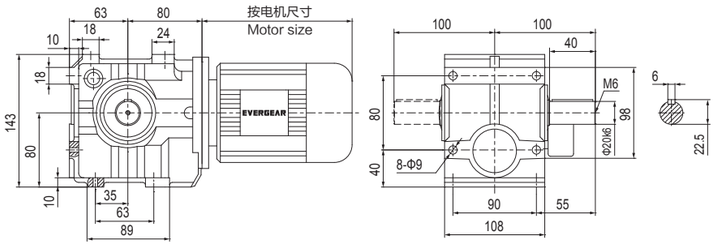
传动比 Ratio	输出转速 Output speed	许用扭矩 Permissible torque	额定功率 Nominal Power Ratings	机型号 Type	
(i)	(r/min)	(Nm)	(kW)		
157.43	8.9	92	0.15	ES 37 ESA 37 ESF 37 ESAF37	AD1
144.40	9.7	92	0.16		
122.94	11	91	0.19		
106.00	13	88	0.20		
98.80	14	87	0.22		
86.36	16	86	0.24		
80.96	17	85	0.25		
71.44	20	84	0.28		
63.33	22	82	0.30		
60.07	23	82	0.27		
55.10	25	81	0.29		
53.83	26	80	0.34		
46.91	30	81	0.33		
40.45	35	81	0.38		
37.70	37	79	0.40		
32.95	42	78	0.45		
30.89	45	76	0.46		
27.26	51	75	0.51		
24.17	58	74	0.57		
23.46	60	73	0.53		
20.22	69	73	0.62		
18.85	74	71	0.64		
16.48	85	52	0.54		
15.45	91	50	0.55		
13.63	103	49	0.60		
12.08	116	48	0.66		
10.27	136	48	0.78		
201.00	7.0	170	0.21	ES 47 ESA 47 ESF 47 ESAF47	AD1
184.80	7.6	170	0.23		
158.12	8.9	170	0.26		
137.05	10	168	0.29		
128.10	11	168	0.31		
110.73	13	168	0.35		
94.08	15	168	0.41		
84.00	17	167	0.45		
71.75	20	167	0.51		
67.20	21	167	0.55		
62.12	23	155	0.47		
56.61	25	167	0.64		
53.84	26	155	0.54		
50.33	28	155	0.58		
43.50	32	155	0.66		
36.96	38	155	0.77		AD2
33.00	42	155	0.85		
28.19	50	155	0.99		
26.40	53	155	1.1		
25.16	56	110	0.74		
22.24	63	155	1.2		
21.75	64	110	0.85		
18.48	76	110	0.99		
16.50	85	110	1.1		
14.09	99	110	1.3		
13.20	106	110	1.4		
11.12	126	110	1.6		
8.25	170	110	2.2		
201.00	7.0	295	0.36	ES 57 ESA 57 ESF 57 ESAF57	AD1
184.80	7.6	295	0.38		
158.12	8.9	295	0.44		
137.05	10	295	0.50		
128.10	11	295	0.53		
110.73	13	295	0.61		
94.08	15	295	0.70		
84.00	17	295	0.77		

传动比 Ratio	输出转速 Output speed	许用扭矩 Permissible torque	额定功率 Nominal Power Ratings	机型号 Type	
(i)	(r/min)	(Nm)	(kW)		
71.75	20	290	0.88	ES 57 ESA 57 ESF 57 ESAF57	AD2
67.20	21	290	0.93		
56.61	25	290	1.1		
52.21	27	245	0.87		
48.80	29	245	0.93		
42.18	33	245	1.1		
35.84	39	245	1.2		
32.00	44	245	1.4		
27.33	51	245	1.6		
25.60	55	245	1.7		
21.57	65	245	1.9		
17.92	78	169	1.6		
16.00	88	169	1.7		
13.67	102	169	2.0		
12.80	109	169	2.2		
10.78	130	169	2.5		
8.00	175	169	3.4		
217.41	6.4	520	0.57	ES 67 ESA 67 ESF 67 ESAF67	AD2
190.11	7.4	520	0.64		
178.50	7.8	520	0.68		
158.45	8.8	520	0.76		
134.40	10	520	0.88		
121.33	12	520	0.96		
106.75	13	520	1.1		
100.80	14	520	1.1		
85.83	16	520	1.3		
78.00	18	520	1.4		
70.16	20	480	1.3		
67.57	21	520	1.6		
65.88	21	480	1.4		
58.80	24	520	1.8		
49.60	28	480	1.8		
44.78	31	480	1.9		
39.40	36	480	2.2		
37.20	38	480	2.3		
35.08	40	340	1.6		
32.94	43	340	1.7		
31.67	44	480	2.7		
29.24	48	340	1.9		
28.79	49	480	2.9		
24.80	56	340	2.3		
22.39	63	340	2.5		
21.70	65	480	3.8		
19.70	71	340	2.8		
18.60	75	340	3.0		
15.84	88	340	3.5		
14.39	97	340	3.8		
12.47	112	340	4.4		
10.85	129	340	5.0		
7.75	181	340	7.0		
256.47	5.5	1270	1.1	ES 77 ESA 77 ESF 77 ESAF77	AD2
225.26	6.2	1270	1.3		
212.00	6.6	1270	1.4		
189.09	7.4	1270	1.5		
161.60	8.7	1270	1.7		
146.67	9.5	1270	1.9		
130.00	11	1270	2.1		
123.20	11	1270	2.2		
107.83	13	1270	2.5		
97.14	14	1270	2.7		
95.74	15	1100	2.1		
90.10	16	1100	2.3		
85.22	16	1270	3.1		
80.36	17	1100	2.5		

传动比 Ratio	输出转速 Output speed	许用扭矩 Permissible torque	额定功率 Nominal Power Ratings	机型号 Type	
(i)	(r/min)	(Nm)	(kW)		
75.20	19	1270	3.4	ES 77 ESA 77 ESF 77 ESAF77	AD2
68.68	20	1100	2.9		
66.67	21	1270	3.8		
62.33	22	1100	3.2		
55.25	25	1100	3.6		
52.36	27	1100	3.8		
36.22	39	1100	5.3		AD3
28.33	49	1100	6.7		
24.19	58	1100	7.7		
45.05	31	990	3.7		AD2
40.18	35	990	4.1		AD3
34.34	41	990	4.8		
31.17	45	990	5.3		
27.63	51	990	5.9		
26.18	53	990	6.2		
22.91	61	710	5.1		
20.64	68	710	5.6		
18.11	77	710	6.4		
15.98	88	710	7.2		
14.17	99	710	8.0		
12.10	116	710	9.3		
302.40	4.6	2280	1.7	ES 87 ESA 87 ESF 87 ESAF87	AD2
271.09	5.2	2280	1.9		
233.52	6.0	2280	2.2		
213.11	6.6	2280	2.4		
189.00	7.4	2280	2.6		
158.87	8.8	2280	3.1		
146.00	9.6	2280	3.3		
129.65	11	2280	3.7		
115.92	12	2280	4.1		
104.22	13	2280	4.5		
90.46	15	2280	5.1		AD3
81.00	17	2280	5.6		
72.00	19	1600	4.0		
67.20	21	2280	6.5		
60.52	23	1600	4.7		
55.62	25	1600	5.1		
49.39	28	1600	5.7		
44.16	32	1600	6.3		
39.70	35	1600	6.9		
34.46	41	1600	7.9		
30.86	45	1600	8.7		
27.81	50	1240	7.3		AD4
25.60	55	1600	10.4		
24.70	57	1240	8.2		
22.08	63	1240	9.1		
19.85	71	1240	10.1		
17.23	81	1240	11.5		
15.43	91	1240	12.8		
12.80	109	1240	15.3		
11.13	126	1240	17.5		
307.88	4.5	4000	2.9	ES 97 ESA 97 ESF 97 ESAF97	AD3
281.89	5.0	4000	3.1		
249.04	5.6	4000	3.5		
211.26	6.6	4000	4.1		
194.52	7.2	4000	4.4		
173.87	8.1	4000	4.8		
156.52	8.9	4000	5.3		
141.74	9.9	4000	5.8		
125.69	11	4000	6.5		
113.64	12	4000	7.1		
96.32	15	4000	8.2		

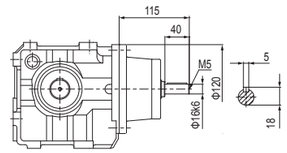
传动比 Ratio	输出转速 Output speed	许用扭矩 Permissible torque	额定功率 Nominal Power Ratings	机型号 Type	
(i)	(r/min)	(Nm)	(kW)		
84.13	17	4000	9.1	ES 97 ESA 97 ESF 97 ESAF97	AD4
83.52	17	3300	6.9		
76.90	18	3300	7.5		
70.36	20	4000	10.7		
68.74	20	3300	8.3		
61.88	23	3300	9.2		
56.04	25	3300	10.1		
49.69	28	3300	11.3		
44.93	31	3300	12.4		
38.08	37	3300	14.5		
33.26	42	3300	16.4		
30.94	45	3300	17.2		
28.02	50	2600	14.9		
24.85	56	2600	16.8		
22.46	62	2600	18.5		
19.04	74	2600	22		AD5
16.63	84	2600	25		
13.91	101	2600	29		
12.04	116	2600	34		

ES37

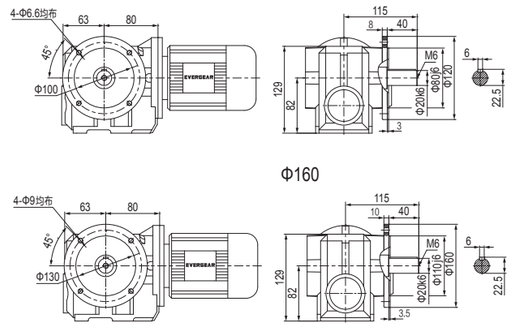


ES..S37

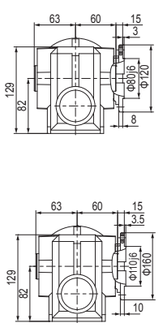
AD1



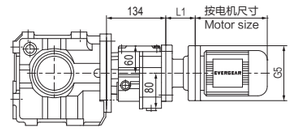
ESF37



ESAF37

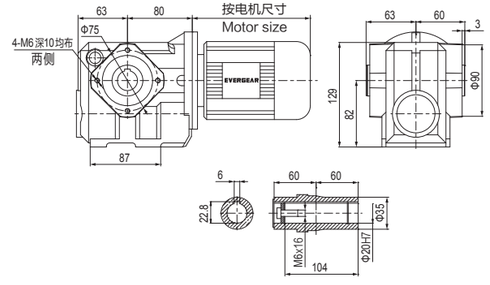


ES..37ER17

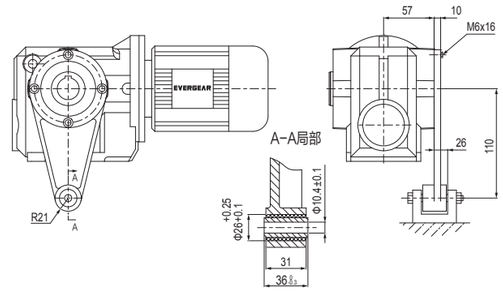


Y2电机机座号 Motor size	63
功率/4P Power/(kw)	0.12
L1	75
G5	Φ140

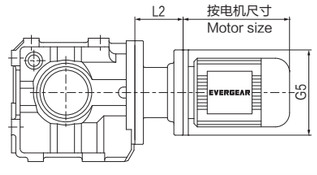
ESA37



ESAT37



ES..37



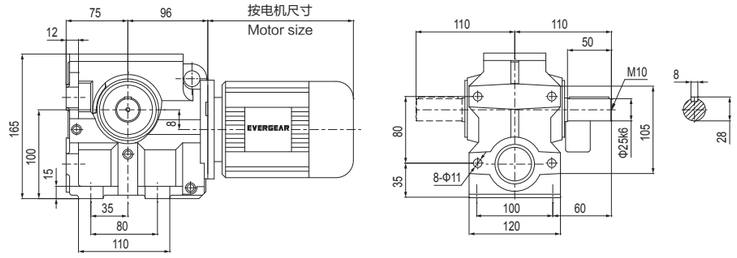
需方自配电机需加联接法兰
Customers provide the motor by themselves need connected flange

Y2电机机座号 Motor size	63		71		80	
功率/4P Power/(kw)	0.12	0.18	0.25	0.37	0.55	0.75
L2	75		75		88.5	
G5	Φ140		Φ160		Φ200	

注 Note
1.ESA、ESF、ESAF、ESAZ壳体为通用件，安装尺寸均可互相参照。
2."ES.."表示ES系列所有结构形式。
3.带胀紧盘结构形式，胀紧盘尺寸详见007页。
4.ESA、ESAF、ESAZ、ESAT输出轴为通用件，尺寸相同。
5.需方自配电机G5≥ Φ 160时，是否影响正常安装。

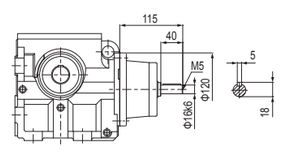
1.The housings of ESA、ESF、ESAF、ESAZ are common parts. The mounting dimensions may consult each other.
2."ES.." mean all mounting type of ES series.
3.With expansion plate mounting type,see P007 for size details of expansion plate.
4.The output shafts of ESA、ESAF、ESAZ、ESAT are common parts, dimensions are the same.
5.If the motor provided by purchaser is G5≥Φ160,please check if normal installation is influenced.

ES47

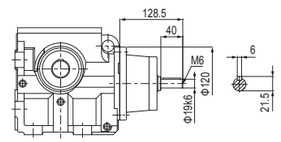


ES..S47

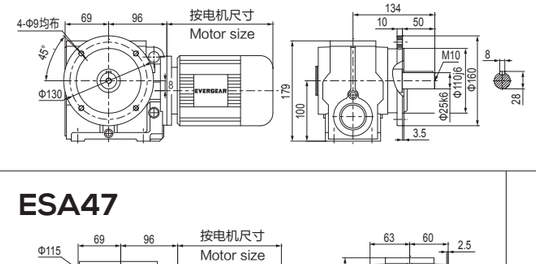
AD1



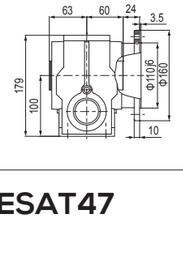
AD2



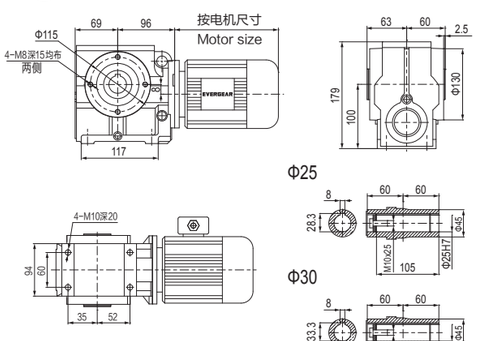
ESF47



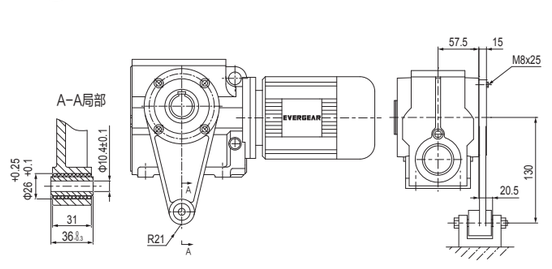
ESAF47



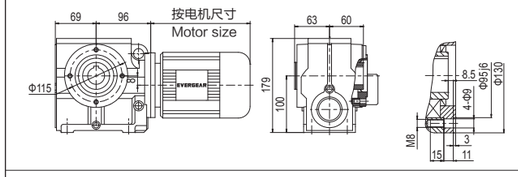
ESA47



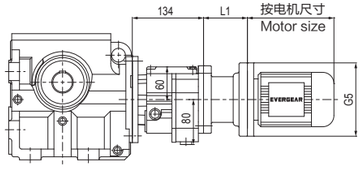
ESAT47



ESAZ47

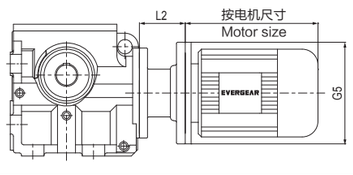


ES..47ER17



Y2电机机座号 Motor size	63	
功率/4P Power/(kw)	0.12	0.18
L1	75	
G5	Φ140	

ES..47



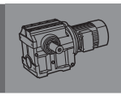
需方自配电机需加联接法兰
Customers provide the motor by themselves need connected flange

Y2电机机座号 Motor size	63		71		80		90	
功率/4P Power/(kw)	0.12	0.18	0.25	0.37	0.55	0.75	1.1	1.5
L2	75		75		88.5		88.5	
G5	Φ140		Φ160		Φ200		Φ200	

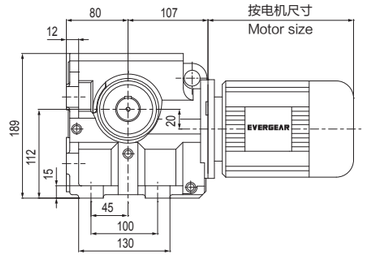
注 Note
1.ESA、ESF、ESAF、ESAZ壳体为通用件，安装尺寸均可互相参照。
2."ES.."表示ES系列所有结构形式。
3.带胀紧盘结构形式，胀紧盘尺寸详见007页。
4.ESA、ESAF、ESAZ、ESAT输出轴为通用件，尺寸相同。
5.需方自配电机G5≥ Φ 200时，是否影响正常安装。

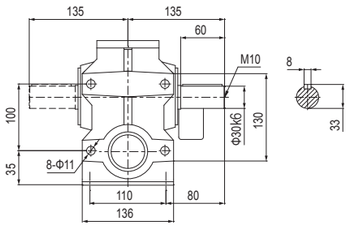
1.The housings of ESA、ESF、ESAF、ESAZ are common parts. The mounting dimensions may consult each other.
2."ES.." mean all mounting type of ES series.
3.With expansion plate mounting type,see P007 for size details of expansion plate.
4.The output shafts of ESA、ESAF、ESAZ、ESAT are common parts, dimensions are the same.
5.If the motor provided by purchaser is G5≥Φ200,please check if normal installation is influenced.

ES

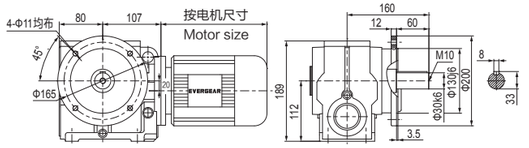


ES57

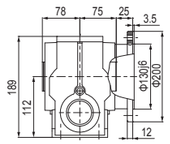




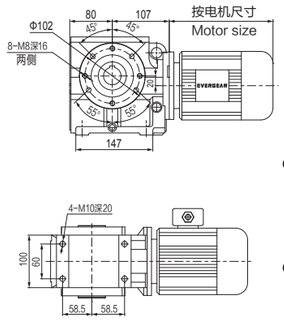
ESF57

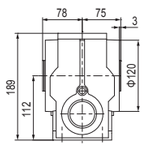


ESAF57

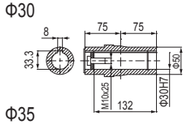


ESA57

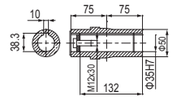




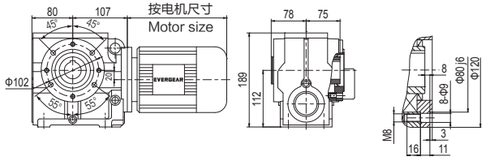
Φ30



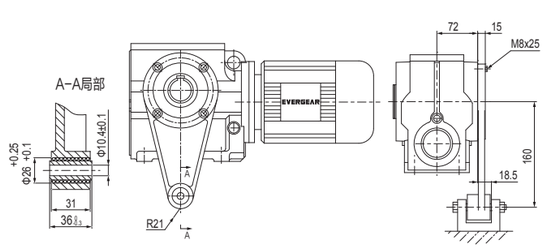
Φ35



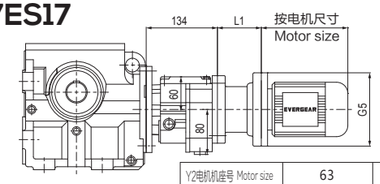
ESAZ57



ESAT57



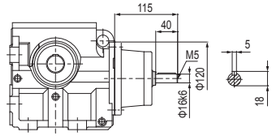
ES..57ES17



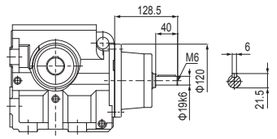
Y2电机机座号 Motor size	63	71
功率/4P Power/(kw)	0.12 0.18	0.25
L1	75	75
G5	Φ140	Φ160

ES..S57

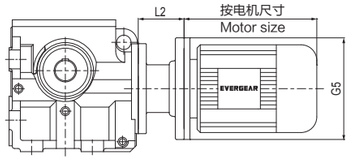
AD1



AD2



ES..57



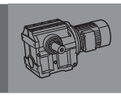
Y2电机机座号 Motor size	63	71	80	90	100
功率/4P Power/(kw)	0.18	0.25 0.37	0.55 0.75	1.1 1.5	2.2 3
L2	75	75	88.5	88.5	95.5
G5	Φ140	Φ160	Φ200	Φ200	Φ250

需方自配电机需加联接法兰
Customers provide the motor by themselves need connected flange

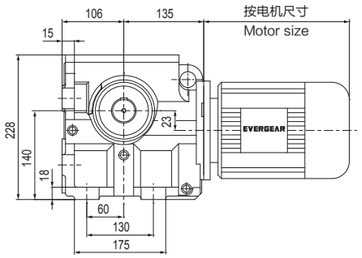
注 Note

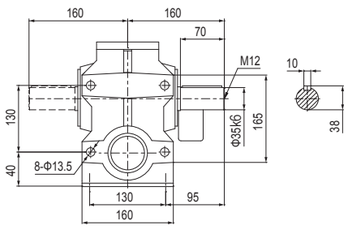
1.ESA、ESF、ESAF、ESAZ壳体为通用件，安装尺寸均可互相参照。
2."ES.."表示ES系列所有结构形式。
3.带胀紧盘结构形式，胀紧盘尺寸详见007页。
4.ESA、ESAF、ESAZ、ESAT输出轴为通用件，尺寸相同。
5.需方自配电机G5≥Φ200时，是否影响正常安装。

1.The housings of ESA、ESF、ESAF、ESAZ are common parts. The mounting dimensions may consult each other.
2."ES.." mean all mounting type of ES series.
3.With expansion plate mounting type,see P007 for size details of expansion plate.
4.The output shafts of ESA、ESAF、ESAZ、ESAT are common parts, dimensions are the same.
5.If the motor provided by purchaser is G5≥Φ200,please check if normal installation is influenced.

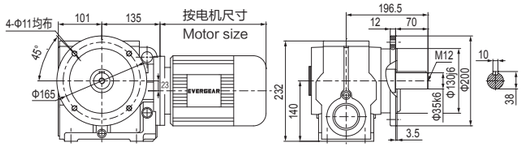


ES67





ESF67



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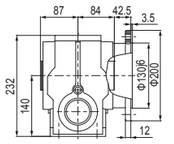
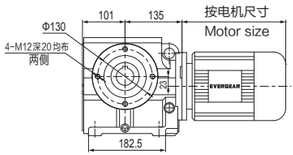
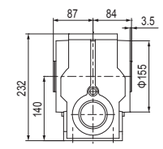
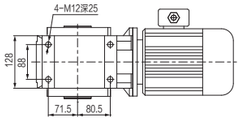


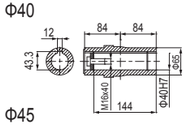
ESA67



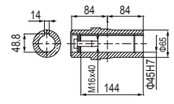




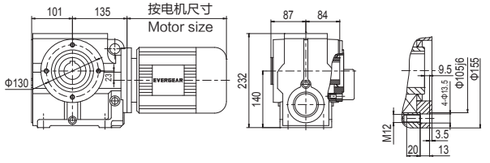
Φ40



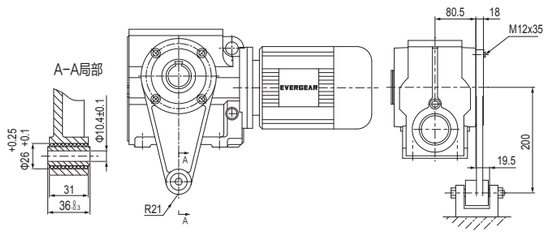
Φ45



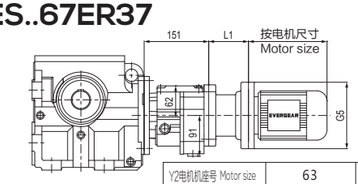
ESAZ67



ESAT67

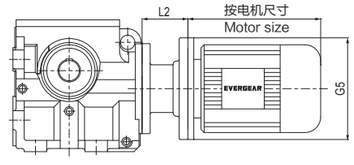


ES..67ER37



Y2电机机座号 Motor size	63	71	80
功率/4P Power/(kw)	0.12 0.18	0.25 0.37	0.55
L1	75	75	88.5
G5	Φ140	Φ160	Φ200

ES..67



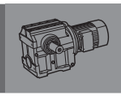
Y2电机机座号 Motor size	71	80	90	100	112	132
功率/4P Power/(kw)	0.25 0.37	0.55 0.75	1.1 1.5	2.2 3	4	5.5
L2	68	81.5	81.5	88.5	88.5	124.5
G5	Φ160	Φ200	Φ200	Φ250	Φ250	Φ250

需方自配电机需加联接法兰
Customers provide the motor by themselves need connected flange

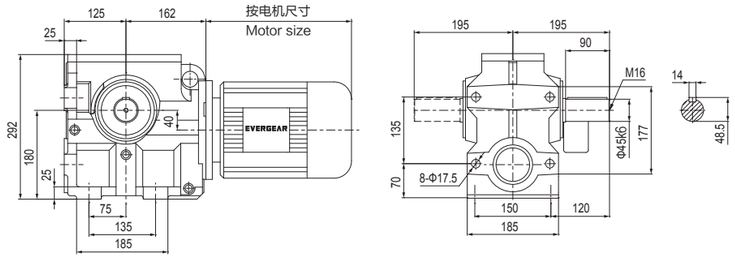
注 Note

1.ESA、ESF、ESAF、ESAZ壳体为通用件，安装尺寸均可互相参照。
2."ES.."表示ES系列所有结构形式。
3.带胀紧盘结构形式，胀紧盘尺寸详见007页。
4.ESA、ESAF、ESAZ、ESAT输出轴为通用件，尺寸相同。
5.需方自配电机G5≥Φ250时，是否影响正常安装。

1.The housings of ESA、ESF、ESAF、ESAZ are common parts. The mounting dimensions may consult each other.
2."ES.." mean all mounting type of ES series.
3.With expansion plate mounting type,see P007 for size details of expansion plate.
4.The output shafts of ESA、ESAF、ESAZ、ESAT are common parts, dimensions are the same.
5.If the motor provided by purchaser is G5≥Φ250,please check if normal installation is influenced.

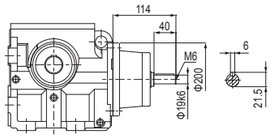


ES77

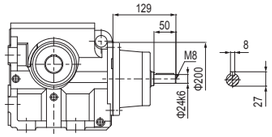


ES..S77

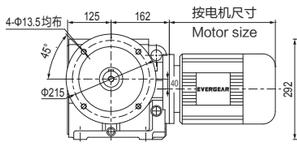
AD2



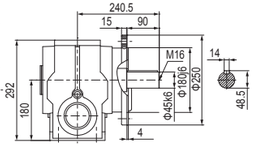
AD3

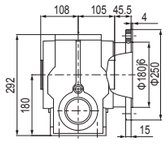


ESF77

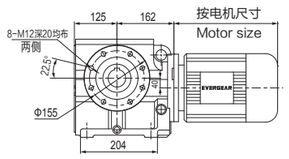


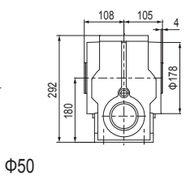
ESAF77

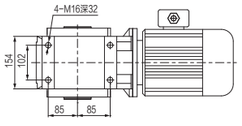




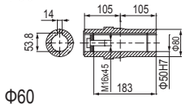
ESA77



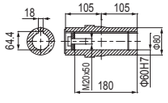




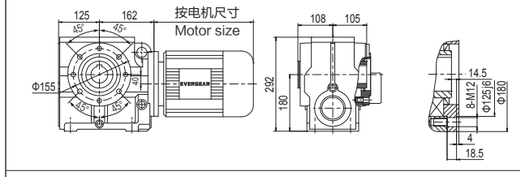
Φ50



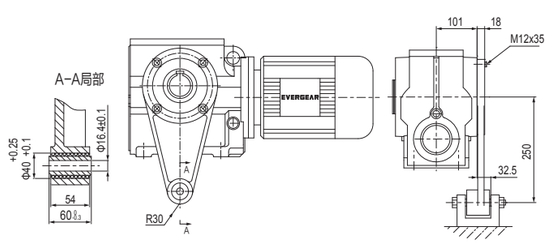
Φ60



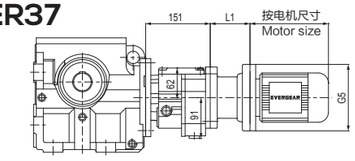
ESAZ77



ESAT77

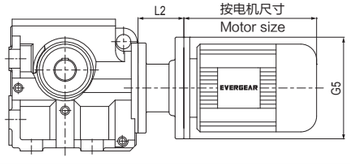


ES..77ER37



Y2电机机座号 Motor size	63		71		80		90
功率/4P Power/(kw)	0.12	0.18	0.25	0.37	0.55	0.75	1.1
L1	75		75		88.5		88.5
G5	Φ140		Φ160		Φ200		Φ200

ES..77



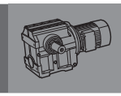
需方自配电机需加联接法兰
Customers provide the motor by themselves need connected flange

Y2电机机座号 Motor size	80		90		100		112		132	
功率/4P Power/(kw)	0.55	0.75	1.1	1.5	2.2	3	4		5.5	7.5
L2	74		74		81		81		117	
G5	Φ200		Φ200		Φ250		Φ250		Φ300	

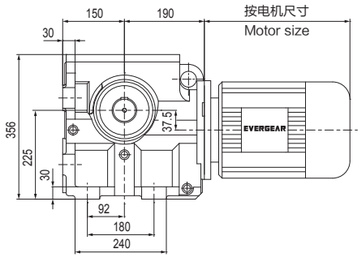
注 Note

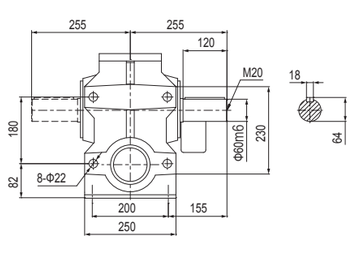
1.ESA、ESF、ESAF、ESAZ壳体为通用件，安装尺寸均可互相参照。
2."ES.."表示ES系列所有结构形式。
3.带胀紧盘结构形式，胀紧盘尺寸详见007页。
4.ESA、ESAF、ESAZ、ESAT输出轴为通用件，尺寸相同。
5.需方自配电机G5≥Φ300时，是否影响正常安装。

1.The housings of ESA、ESF、ESAF、ESAZ are common parts. The mounting dimensions may consult each other.
2."ES.." mean all mounting type of ES series.
3.With expansion plate mounting type,see P007 for size details of expansion plate.
4.The output shafts of ESA、ESAF、ESAZ、ESAT are common parts, dimensions are the same.
5.If the motor provided by purchaser is G5≥Φ300,please check if normal installation is influenced.



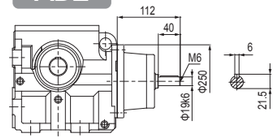
ES87



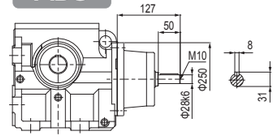


ES..S87

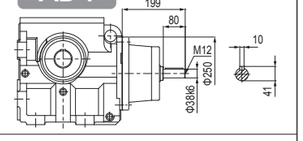
AD2



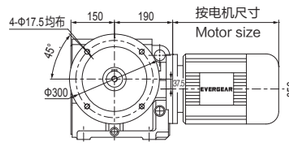
AD3



AD4



ESF87



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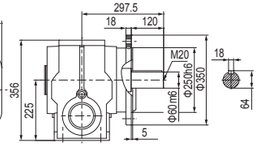
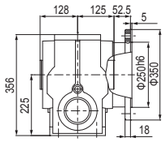
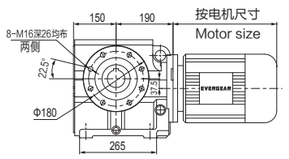
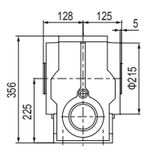
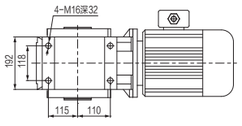




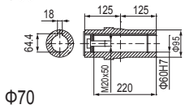
ESA87



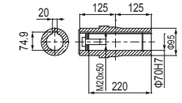




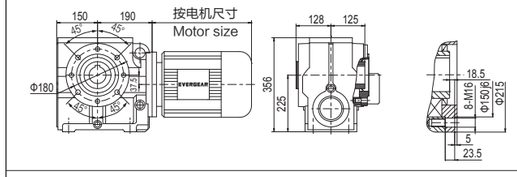
Φ60



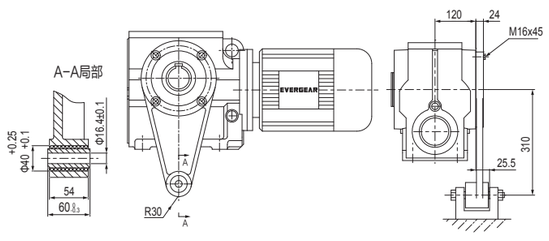
Φ70



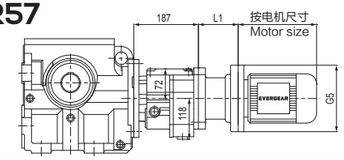
ESAZ87



ESAT87

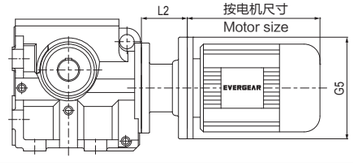


ES..87ER57



Y2电机机座号 Motor size	63		71		80		90	
功率/4P Power/(kw)	0.12	0.18	0.25	0.37	0.55	0.75	1.1	1.5
L1	68		68		81.5		81.5	
G5	Φ140		Φ160		Φ200		Φ200	

ES..87



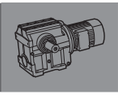
需方自配电机需加联接法兰
Customers provide the motor by themselves need connected flange

Y2电机机座号 Motor size	80	90		100		112	132		160	
功率/4P Power/(kw)	0.75	1.1	1.5	2.2	3	4	5.5	7.5	11	15
L2	72	72		79		79	113		152	
G5	Φ200	Φ200		Φ250		Φ250	Φ300		Φ350	

注 Note

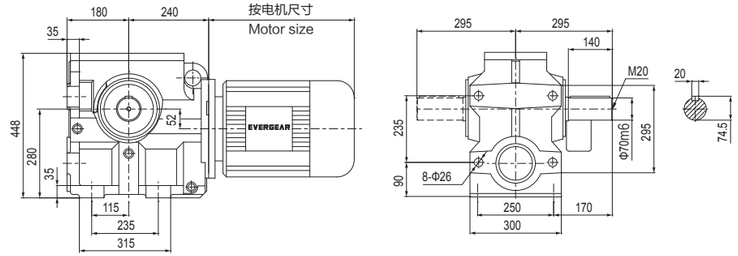
1.ESA、ESF、ESAF、ESAZ壳体为通用件，安装尺寸均可互相参照。
2."ES.."表示ES系列所有结构形式。
3.带胀紧盘结构形式，胀紧盘尺寸详见007页。
4.ESA、ESAF、ESAZ、ESAT输出轴为通用件，尺寸相同。

1.The housings of ESA、ESF、ESAF、ESAZ are common parts. The mounting dimensions may consult each other.
2."ES.." mean all mounting type of ES series.
3.With expansion plate mounting type,see P007 for size details of expansion plate.
4.The output shafts of ESA、ESAF、ESAZ、ESAT are common parts, dimensions are the same.

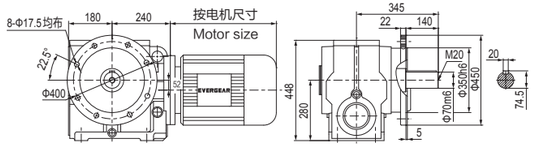


ES

ES97



ESF97



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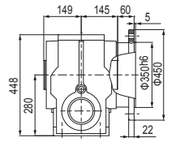
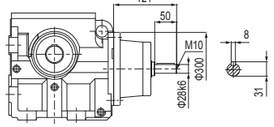


ES..S97

AD3



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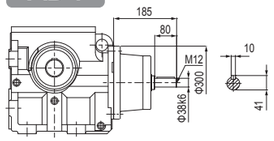
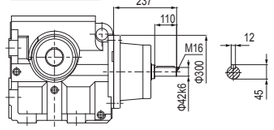
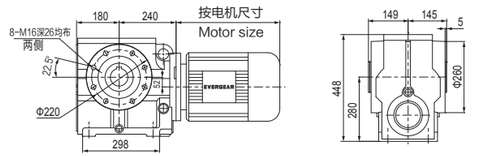


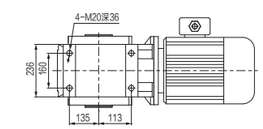
AD5



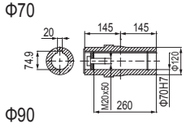
ESA97



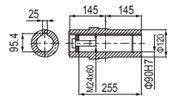
ESAZ97

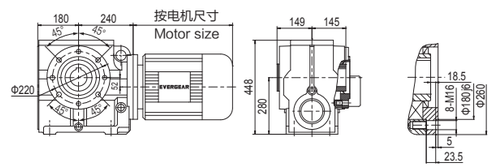


Φ70

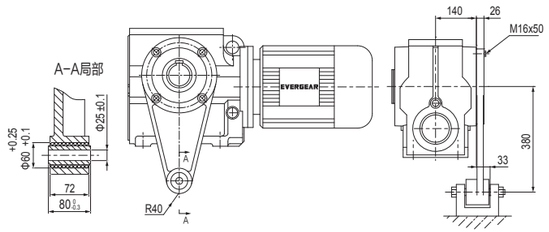


Φ90

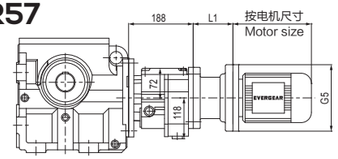




ESAT97

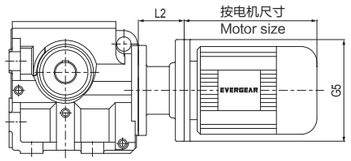


ES..97ER57



Y2电机机座号 Motor size	63		71		80		90		100		112
功率/4P Power/(kw)	0.12	0.18	0.25	0.37	0.55	0.75	1.1	1.5	2.2	3.0	4
L1	68		68		81.5		81.5		88.5		88.5
G5	Φ140		Φ160		Φ200		Φ200		Φ250		Φ250

ES..97



需方自配电机需加联接法兰
Customers provide the motor by themselves need connected flange

Y2电机机座号 Motor size	90	100		112	132		160		180	
功率/4P Power/(kw)	1.5	2.2	3	4	5.5	7.5	11	15	18.5	22
L2	66	73		73	99		138		138	
G5	Φ200	Φ250		Φ250	Φ300		Φ350		Φ350	

注 Note

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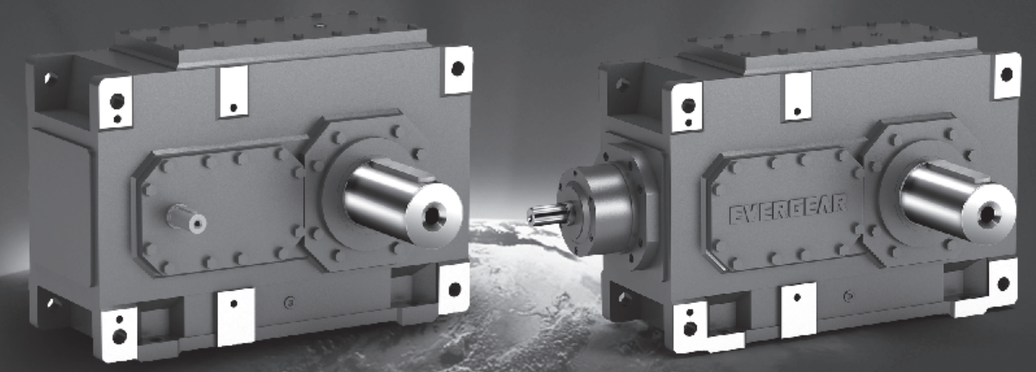
*EH/EB Series

大功率齿轮减速机
High Power Reducer



EVERGEAR

齿轮箱 目录 Gear Units Contents

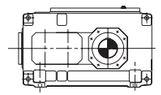
基本类型概述 Summary of basic types			页码 Page	208
齿轮箱型号表示方法，性能特点，一般说明 Gear units designation of types,characteristic,general Information			页码 Page	209~211
齿轮箱选型,额定功率,输出扭矩,实际速比,允许的附加径向力 Selection of gear units, mominal power ratings, output torque, actual ratiosl, permissible additiongal radial forces.			页码 Page	212~260
安装方式 Mounting	卧式安装 Horizontal	平行轴齿轮箱 Helical gear units EH1SH	页码 Page	261~262
		平行轴齿轮箱 Helical gear units EH2SH, EH2HH, EH2DH, EH2KH, EH2HM, EH2DM, EH2KM EH3SH, EH3HH, EH3DH, EH3KH, EH3HM, EH3DM, EH3KM EH4SH, EH4HH, EH4DH, EH4KH, EH4HM, EH4DM, EH4KM	页码 Page	263~280
		直交轴齿轮箱 Bevel-helical gear units EB2SH, EB2HH, EB2DH, EB2KH, EB2HM, EB2DM, EB2KM EB3SH, EB3HH, EB3DH, EB3KH, EB3HM, EB3DM, EB3KM EB4SH, EB4HH, EB4DH, EB4KH, EB4HM, EB4DM, EB4KM	页码 Page	281~296
	立式安装 Vertical	平行轴齿轮箱 Helical gear units EH2SV, EH2HV, EH2DV, EH2KV EH3SV, EH3HV, EH3DV, EH3KV EH4SV, EH4HV, EH4DV, EH4KV	页码 Page	297~308
		直交轴齿轮箱 Bevel-helical gear units EB2SV, EB2HV, EB2DV, EB2KV EB3SV, EB3HV, EB3DV, EB3KV EB4SV, EB4HV, EB4DV, EB4KV	页码 Page	309~320
中心孔平键及键槽的配合精度,选用标准 ISO Selection of ISO fits, Centre holes,parallel keys and keyways			页码 Page	321~322
带胀紧盘联接的空心轴,带平键联接的空心轴,带花键联接的空心轴 Hollow shaft for shrink disk, parallel key connections, hollow shaft with involute splines			页码 Page	323~330
转动惯量J1 Mass moments of inertia J1			页码 Page	331~334
立式安装齿轮箱润滑油供给方式（强制润滑和浸油润滑） Oil suppil for vertical gear units (forced and dip lubrication)			页码 Page	335~337
特殊安装和附件 Special installation and accessories			页码 Page	338~342
斗式提升机用减速机 Bucket elevator drives			页码 Page	343~363

齿轮箱 基本类型概述 Gear Units Summary of Basic Types

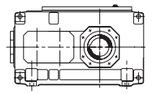
卧式安装 Horizontal mounting

平行轴齿轮箱类型 Helical geal units Types

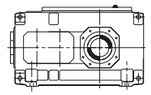
EH1..,EH2..,EH3..,EH4..,1-4 级 (Stage),iN=1.25-450



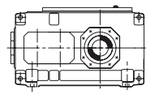
EH.SH



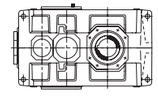
EH.HH



EH.DH



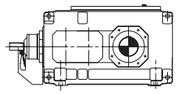
EH.KH



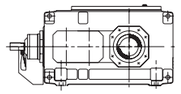
EH.HM, EH.DM, EH.KM

直交轴齿轮箱类型 Bevel-helical geal units Types

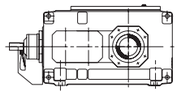
EB2..,EB3..,EB4..,2-4 级 (Stage),iN=5-400



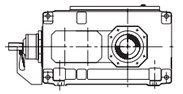
EB.SH



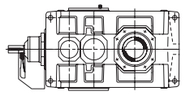
EB.HH



EB.DH



EB.KH

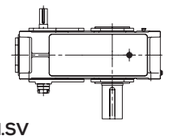


EB.HM, EB.DM, EB.KM

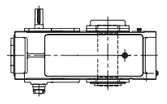
立式安装 Vertical mounting position

平行轴齿轮箱类型 Helical geal units Types

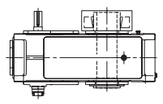
EH2.V,EH3.V,EH4.V,2-4 级 (Stage),iN=6.3-450



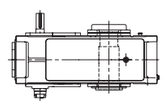
EH.SV



EH.HV



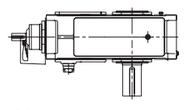
EH.DV



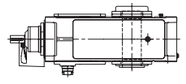
EH.KV

直交轴齿轮箱类型 Bevel-helical geal units Types

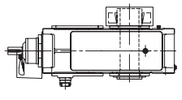
EB2..,EB3..,EB4..,2-4 级 (stage),iN=5-400



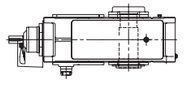
EB.SV



EB.HV



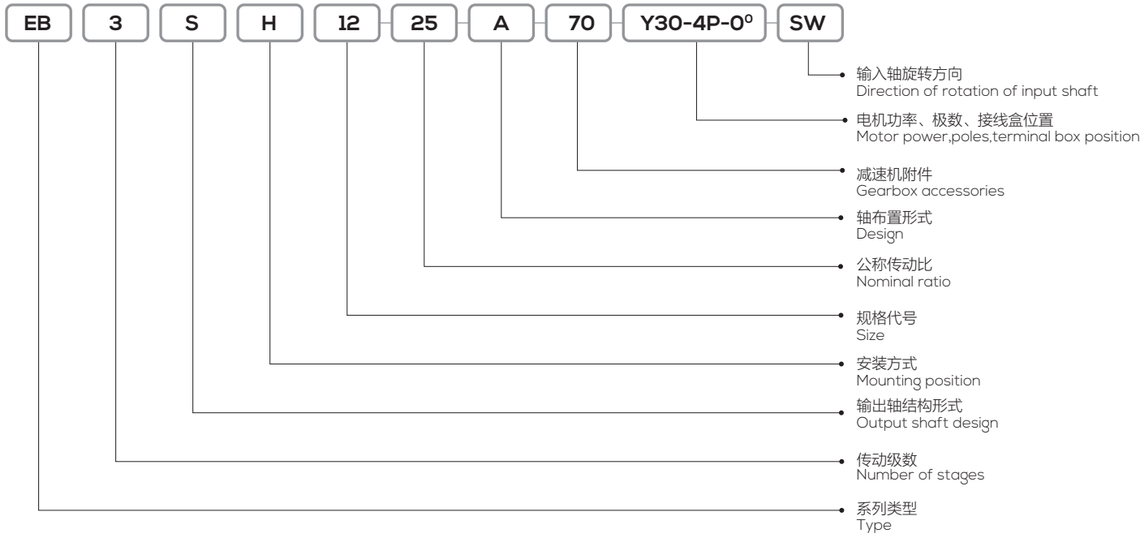
EB.DV

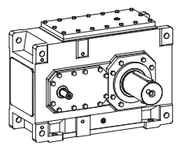
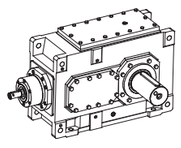


EB.KV

制造商保留修改的权限 Manufacturer reserves modify permissions

齿轮箱 型号表示方法 Designation of Types



型号说明 Explanation of types	上例说明 Explantion of the above example	型号说明 Explanation of types	上例说明 Explantion of the above example
系列类型 Types EH——平行轴齿轮箱 EB——直交轴齿轮箱 EH-Helical EB-Bevel-helical	直交轴系列 Bevel-helical	**传动级数 Number of stages** 一级 二级 三级 四级 1-stage 2-stage 3-stage 4-stage	三级传动 3-stage
输出轴结构形式 Output shaft design: S 实心轴 D 带胀紧盘的空心轴 H 空心轴 K 带花健的空心轴 S Solid shaft H Hollow shaft D Hollow shaft for shrink disk K Hollow shaft with involute splines	实心轴输出 Solid shaft output	**安装方式 Mounting positions** H 卧式安装 V 立式安装 M 卧式安装不带底脚 H Horizontal M Horizontal design without feet V Vertival	卧式安装 Horizontal
规格代码 Size 1~26号座机 Size 1～26	12号座机 Size 12	**公称传动比 Nominal ratio** 公称传动比iN（见220–256页） Nominal ratio iN(see page 220-256)	公称传动比iN=25 Nominal ratio iN=25
轴布置形式 Design of shaft A 、B、C、D等（见261–319页） A 、B、C、D,etc(see page 261-319)	轴布置形式为A Design A	**附件代码 Accessories code** 70.74.75等（见338页） 70.74.75，etc(see page-338)	附件代号为70 Design 70
EB系列输入轴旋转方向 **The direction of rotation of the EB serise input shaft:** 面对输入轴看，CW为顺时针 CCW为逆时针，EH省略 viewing on input shaft:CW is Clockwise, C(W is Counter clockwise,EH' s omitted.	输入轴为顺时针方向 Direction of rotation of input shaft is clockwise	EH.... 	EB.... 

齿轮箱 性能特点 Gear Units Characteristic

设计 Design

恒齿传动齿轮箱采用全新设计.其独特的创新在于:
- 零件种类减少而规格数量增多;
- 传动功率增大,运行可靠性提高;
- 可以提供适于狭小空间安装的法兰轴(敬请垂询)。

EVERGEAR gear units are a completely new design. Advantages are.
- more sizes with a reduced variety of parts;
- higher operational reliability combined with increased power capacity;
- flanged output shafts to facilitate assembly of gear units in confined spaces (on request).

安装方式 Mounting position

可以提供卧式安装和立式安装的恒齿传动齿轮箱， 也可以提供其它安装形式,请垂询。
标准齿轮箱可以通过加带不同附件和电机安装法兰;
齿轮箱浮动底座或逆止器等很好的满足客户需求。

EVERGEAR gear units can be supplied tor either horizontal or vertical installation.
The basic gear unit can be optimally adapted to customer requirements by fitting different add-on pieces like motor bell housings, gear unit swingbases or backstops.

噪音特性 Noise behavior

采用最新设计理念并通过以下途径显著的改善了齿轮箱的噪音特性:
- 圆锥齿轮磨削工艺,
- 采用吸收噪音的箱体结构,
- 实现特大的齿面接触比。

New concepts were applied to clearly improve the noise emission of the gear units by:
- grinding the bevel gears;
- designing noise-absorbing housings
- achieving exceptionally large contact ratios.

散热性能 Thermal conduction

恒齿传动齿轮箱不仅具有很高的传动效率，而且具有良好的散热性能因为:
- 增大了箱体的表面积,
- 采用大风扇和新型的导流风扇罩。

在齿轮箱选型方面恒齿传动齿轮箱以较低的最大允许油温为依据。这样，不仅提高了运行的可靠性，而且也因换油周期延长降低了维护费用。

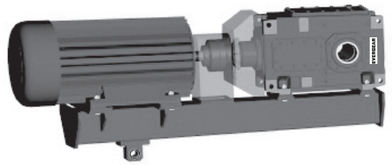
EVERGEAR gear units not only have a high efficiency but also a favorable thermal conduction:
- through enlarged housing surface areas;
- because large fans incorporating a new type of air conduction fan cowl are being used.

The selection of EVERGEAR gear units is based on a lower maximum oil temperature. By that, theoperational reliability will be increased and the costof maintenance reduced due to longer oil change intervals.

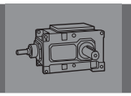
库存 Storing

恒齿传动齿轮箱采用新的模块化单元结构，从而显著减少了零部件种类。主要的零部件绝大部分均有库存，从而使恒齿传动的齿轮箱能在短期内向世界各地的用户供货。

EVERGEAR gear units have been designed according to a new unit construction principle. Through this, the variety of parts could be reduced. Most of the parts are on stock,enabling EVERGEAR gear units to be delivered worldwide in a short term.



恒齿传动直交轴齿轮箱EB3DH
带冷却风扇和齿轮箱浮动底座
EVERGEAR bevel-helical gear units type
EB3DH with fan and gear unit swing-base.



齿轮箱 一般说明 Gear Units General Information

注意事项
Attention

应严格遵守以下各项:

- 样本中的附图只属范例,并不要求严格一致,所注尺寸可以有所变动。
- 所注重量仅为平均值，并不要求严格一致。
- 为防止发生事故，所有旋转部件均应根据国家和当地安全规定加防护罩。
- 试车之前，必须认真阅读设备操作说明书。齿轮箱供货时已作好运行准备，只是未加润滑油。
- 此处给出的加油量只作为参考值。实际油量应以油尺上的标记为准。
- 润滑油粘度须以齿轮箱铭牌上的数值为准。
- 齿轮箱供货时带径向轴封。用户如有特别要求，可提供其他形式的密封装置。
- 转动方向是指输出轴d2上的方向。

The following items are absolutely to be observed:

- Illusteations are examples only and are not strictly binding. Dimensions are subject to change.
- The weights are mean values and not strictly binding.
- To prebent accidents, all rotating parts should be guarded according to local and national safety regulations.
- Prior to commissioning, the operating instructions must be observed.The gear units are delivered ready for operation but without oil filling.
- Oil quantities given are guide values only.The exact quantity of oil depends on the marks on the oildipstick.
- The oil viscosity has to correspond to the data given on the name plate.
- The gear units are supplied with radial shaft seals. Other sealing variants on request.
- Directions of rotation referring to output shaft d2.

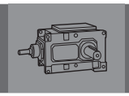
在标注尺寸的图纸上使用的符号说明如下:
Explanation of symbols used in the dimensioned drawings:

油尺 Oil dipstick　通气孔 Breather　放油孔 Oil drain　加油孔 Oil filler

基础螺栓的最低性能等级为8.8级。

规格13号以上齿轮箱箱体地脚上有千斤顶螺丝,箱盖上配有调整平面。

From size 13 up jack screws in the housing feet, and leveling pads on the upper housing part.
Foundation bolts of min. property class 8.8.



齿轮箱 选型指南 Gear Units Guidelines for the Selection

1.确定齿轮箱类型和规格 Determination of gear unit type and size

1.1 确定传动比
Find the transmission ratio

$$i_s = \frac{n_1}{n_2}$$

1.2 确定齿轮箱额定功率
Determine nominal power rating of the gear unit

$$P_N \geqslant P_2 X f_1 X f_2$$

如果不满足下列条件，请与我们联系:
It is not necessary to consult us, if:

$$3.33 \times P_2 \geqslant P_N$$

1.3 校核最大扭矩，例如峰值工作扭矩，起动扭矩或制动扭矩:
Check for maximum torque, e. g. peak operating-, starting- or braking torque

$$P_N \geqslant \frac{T_A \times n_1}{9550} X f_3$$

根据iN和PN在额定功率表中确定的齿轮箱的规格和传动级数
Gear unit sizes and number of reduction stages are given in rating tables depending on iN and PN

1.4 校核输出轴上允许附加作用力，见第257和258页
Check whether additional forces on the output shaft are permissible; see pages 257 and 258

1.5 校核实际传动比见第253至256页
Check whether the actual ratio i as per tables on pages 253-256 is acceptable

2. 确定供油方式 Determination of oil supply

安装方式 Mounting position

卧式安装 Horizontal	立式安装 Vertical
可供选择润油供油方式: – 飞溅润滑 – 浸油润滑 所有需润滑的零部件均浸在润滑油中 – 强制润滑 All parts to be lubricated are lying in the oil or are splash lubricated Forced lubrication on request	可供选择的润滑油供油方式: – 浸油润滑 – 采用法兰泵或电动泵进行强制润滑 优选供油方式和选择标准见第335至337页 Possible oil supply variations: - Dip lubrication - Forced lubrication by means of flanged-on pump or motor pump For preferred variants and criteria for selection see pages 335 - 337

EH/EB

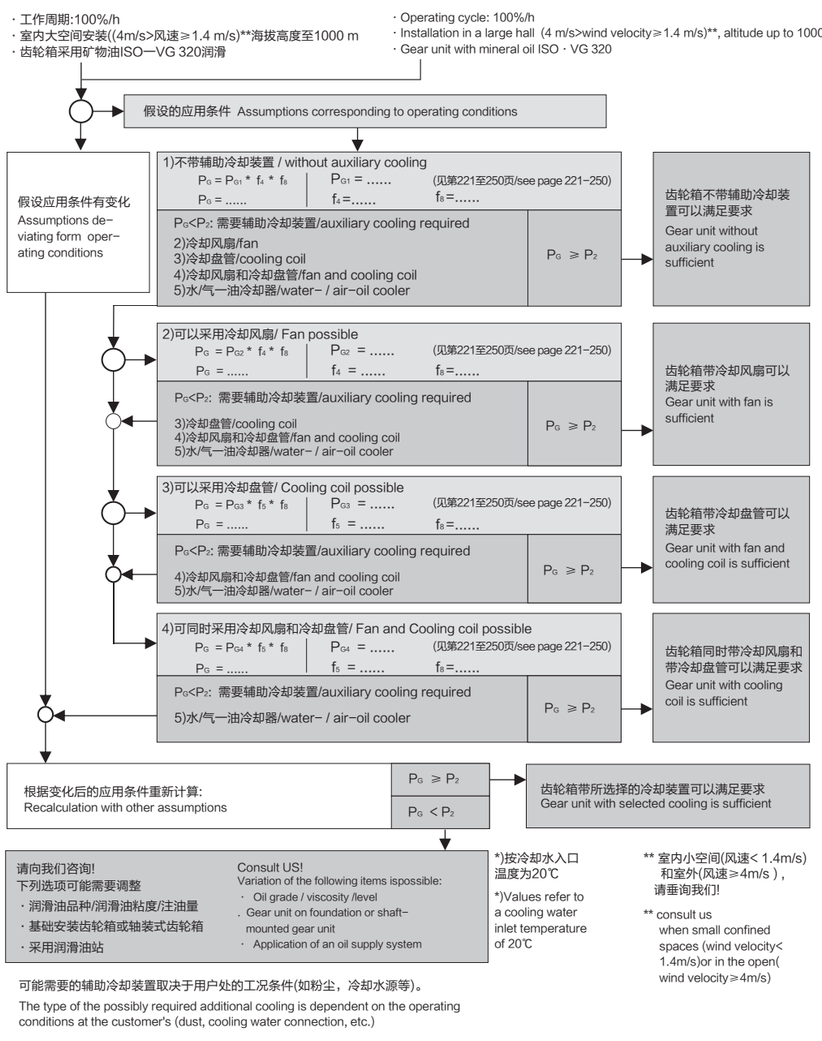
齿轮箱 选型指南 Gear Units Guidelines for the Selection

3. 确定所需的热容量PG需要的数据 Determination of required thermal capa-city PG Data required

- 类型 ·规格
- 公称传动比
- 环境温度
- 输入转速(1000/1200/1500/1800 r/min)**
- 齿轮箱采用浸油润滑

- Type ·Size
- Nominal ratio
- Ambient temperature
- Input speed(1000/1200/1500/1800 r/min)
- Gear unit with dip lubrication

依据如下假设计算:
For the calculation below the following has been assumed:



可能需要的辅助冷却装置取决于用户处的工况条件(如粉尘，冷却水源等)。
The type of the possibly required additional cooling is dependent on the operating conditions at the customer's (dust, cooling water connection, etc.)

齿轮箱 符号说明 Gear Units Key to Symbols

E_D	每小时工作周期,以百分比表示,如ED=80% / h Operating cycle per hour in%, e.g. ED=80% / h
f_1	工作机最低工况系数(表1),217页 Factor for driven machine(table 1), pages 217
f_2	原动机系数(表2),218页 Factor for prime mover (tables 2), page 218
f_3	峰值扭矩系数(表3),218页 Peak torque factor (tables 3), page 218
f_4 f_5	环境温度系数(表4+表5),218页 Factor for ambient temperature (tables 4+tables 5), page 218
f_8	立式安装齿轮箱供油系数(表8),219页 Oil supply factor for vertical gear units (tables 8), page 219
i	实际传动比,253–256页 Actual ratio,page 253-256
i_N	公称传动比 Nominal ratio
i_S	要求传动比 Required ratio
n_1	输入转速(r/min) Input speed(r/min)
n_2	输出转速(r/min) Output speed(r/min)
P_G	要求的热容量 Required thermal capacity
P_{G1}	齿轮箱的热容量,不带辅助冷却装置 Thermal capacity for gear units without auxiliary cooling
P_{G2}	齿轮箱的热容量,带冷却风扇 Thermal capacity for gear units with fan cooling
P_{G3}	齿轮箱的热容量,带内置冷却盘管 Thermal capacity for gear units with built-in cooling coil
P_{G4}	齿轮箱的热容量,带内置冷却盘管和风扇 Thermal capacity for gear units with built-in cooling coil and fan
P_N	齿轮箱的额定功率(KW),见选型表 Nominal power rating of gear unit (KW), see tables
P_2	工作机的额定功率(KW) Power rating of driven machine (KW)
t	环境温度 (℃) Ambient temperature (℃)
T_A	输入轴最大扭矩, 如峰值工作扭矩、起动扭矩或制动扭矩 (N.m) Max. torque occurring on input shaft, e.g. peak operating-, starting- or braking torque(N.m)
T_{2N}	额定输出扭矩(kN.m),251–252页 Nominal output torque (kN.m), pages 251-252
S_A	减速机安全系数 (表15) Safety coefficient of speed reducer(tables15)

齿轮箱 选型指南/计算示例 Gear Units Guidelines for the Selection/Calculation Example

已知参数 Known parameter

原动机	PRIME MOVER
电动机: P_1=75 kW	Electric motor: P_1=75 kW
电机转速: n_1=1500 rpm	Motor speed: n_1=1500 rpm
最大起动扭矩: T_A=720 N.m	Max. starting torque: T_A=720 N.ma

工作机 Driven machine

皮带输送机功率: P_2=63 kW	Belt conveyor: P_2=63 kW
转速: n_2=26 rpm	Speed: n_2=26 rpm
工作制: 12 小时/天	Duty: 12 h/day
每小时起动次数: 5	Starts per hour: 5
每小时工作周期: ED=100%	Operating cycle per hour: ED=100%
环境温度: 30 ℃	Ambient temperature: 30 ℃
室外安装(风速): (w≥ 4m/s)	Outdoor installation: (w≥ 4m/s)
海拔高度: 海平面	Altitude:sea level

齿轮箱设计 Gear unit design

直交轴齿轮箱	Bevel-helical gear unit
安装方式: 卧式安装	Mounting position: horizontal
输出轴d_2: 位于齿轮箱右侧(面对输入轴),即布置型式C	Output shaft d_2: on right hand side design C
输出轴d_2 转动方向: ccw	Direction of rotation of output shaft d_2: ccw

选择齿轮箱的类型及规格 Selection of gear unit type and size

1.1 传动比计算:
Calculation of transmission ratio

$$i_S = \frac{n_1}{n_2} = \frac{1500}{26} = 57.7 \quad i_N = 56$$

1.2 确定额定功率
Determination of the gear unit nominal power rating

$$P_N \geqslant P_2 \times f_1 \times f_2 \times S_A = 63 \times 1.5 \times 1 \times 1.25 = 118.125\ kW$$

从额定功率表中选择: 类型 EB3 , 规格 10 , 对应的 P_N = 122 kW
Selected from power rating table: type EB3, gear unit size 10, with P_N = 122 kW

$$3.33 \times P_2 \geqslant PN \qquad 3.33 \times 63 = 219.8\ kW > P_N$$

1.3 检查起动扭矩
Checking the starting torque

$$P_N \geqslant \frac{T_A \times n_1}{9550} \times 0.5 = \frac{720 \times 1500}{9550} \times 0.5 = 56.5\ kW \quad P_N 122\ kW > 56.5\ kW$$

确定热容量 Determination of thermal capacity

2.1 根据表中给出的EB3型齿轮参数,
计算不带辅助冷却装置的齿轮箱热容量
Thermal capacity for gear units without auxiliary cooling, acc. to table for type EB3

$$P_G = P_{G1} \times f_4 \times f_8 \quad P_G = 72\ kW \times 0.88 \times 1 = 63.36\ kW \quad P_2 = 63\ kW < P_G = 63.36\ kW$$

结论：可选用不带冷却装置的减速机

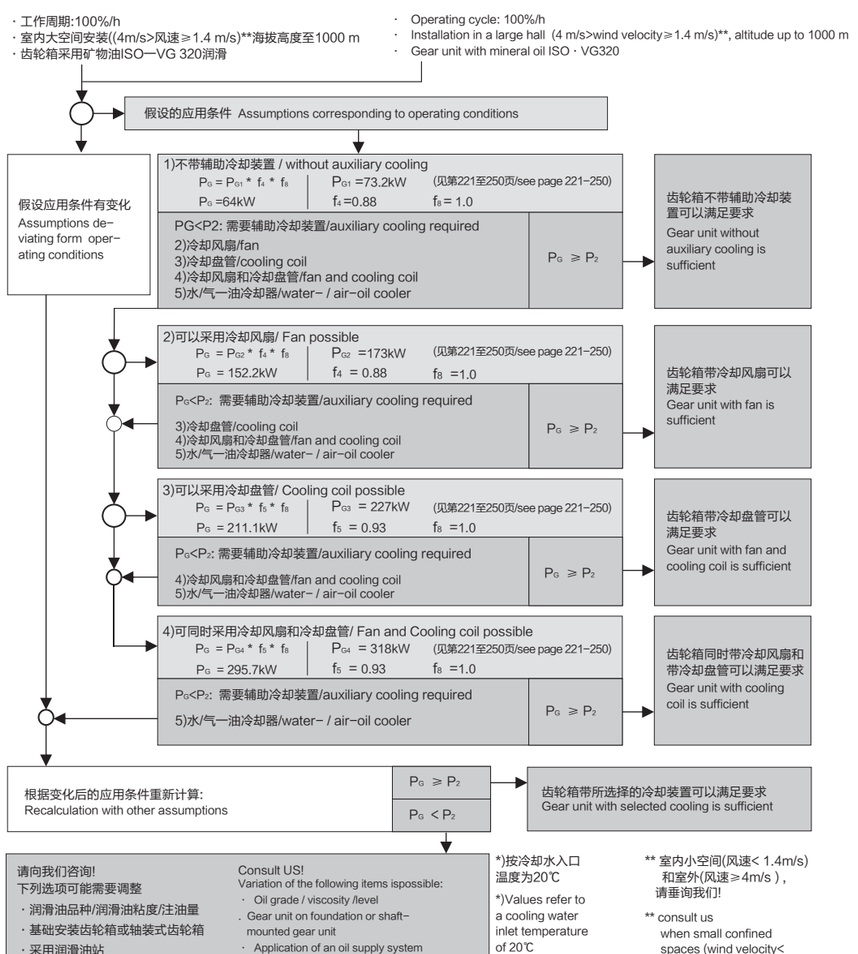
齿轮箱 计算示例/热容量计算 Gear Units Calculation Example TVhermal Capacity

确定所需的热容量P_G需要的数据 Determination of required thermal capa-city PG Data required

- 类型: EB3SH · 规格: 10
- 额定传动比: i_N = 56
- 环境温度: t=30℃
- 输入转速:n=1500r/min
- 齿轮箱采用浸油润滑

- Type : EB3SH · Size : 10
- Nominal ratio : i_N = 56
- Ambient temperature : t=30℃
- Input speed : n=1500r/min
- Gear unit with dip lubrication

依据如下假设计算:
For the calculation below the following has been assumed:



所选择的i_N= 56的齿轮箱 EB3SH10 应配装适当的辅助冷却装置.
根据用户不同的应用条件至少应配装一个冷却风扇或一个冷却盘管.
For the selected gear unit EB3SH9 with iN=56 suitable auxiliary cooling is to be provided. Depend-ent on the operating conditions at the customer's, at least a fan or a cooling coil is to be provided.

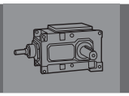


表1 工作机系数 f_1 Table 1 Factor for driven machine f_1

工作机	Driven machines	日带载运行时间（小时）		
		≤0.5	>0.5-10	>10
污水处理	Waste water treatment			
浓缩器(中心传动)	Thickeners (central drive)	–	–	1.2
压滤机	Filter presses	1.0	1.3	1.5
絮凝器	Flocculation apparata	0.8	1.0	1.3
曝气机	Aerators	–	1.8	2.0
搂集设备	Raking equipmen	1.0	1.2	1.3
纵向、回转组合式搂集装置	Combined longitudi-nal and rotary rakes	1.0	1.3	1.5
预浓缩器	Pre-thickeners	–	1.1	1.3
螺杆泵	Screw pumps	–	1.3	1.5
水轮机	Water turbines	–	–	2.0
泵	Pumps			
离心泵	Centrifugal pumps	1.0	1.2	1.3
容积式泵	Positive-displace- ment pumps			
1个活塞	1 piston	1.3	1.4	1.8
>1个活塞	>1 piston	1.2	1.4	1.5
挖泥机	Dredgers			
斗式输送机	Bucket conveyors	–	1.6	1.6
倾卸装置	Dumping devices	–	1.3	1.5
履带式行走机构	Carterpillar travel-ling gears	1.2	1.6	1.8
斗轮式挖掘机	Dredgers			
用于料堆捡拾	Bucket wheel excavators	–	1.7	1.7
用于原生岩土	As pick-up	–	2.2	2.2
采掘机机头	For primitive material Cutter heads	–	2.2	2.2
采掘臂回转*	Slewing gears*	–	1.4	1.8
弯板机*	Plate bending machines*	–	1.0	1.0
化学工业	Chemical industry			
挤出机	Extruders	–	–	1.6
调浆机	Dough mills	–	1.8	1.8
橡胶研光机	Rubber calenders	–	1.5	1.5
冷却圆筒	Gaoling drums	–	1.3	1.4
混匀机，用于	Mixers for			
均匀介质	Uniform media	1.0	1.3	1.4
非均匀介质	Non-uniform media	1.4	1.6	1.7
搅拌机，用于	Agitators for me-dia with			
均匀介质	Uniform density	1.0	1.3	1.5
非均匀介质	Non-uniform density	1.2	1.4	1.6
不均匀气体吸收	Non-uniform gas absorption	1.4	1.6	1.8
烘炉	Toasters	1.4	1.3	1.5
离心机	Centrifuges	1.0	1.2	1.3
金属加工设备	Metal working mills			
翻板机	Plate filter	1.0	1.0	1.2
推钢机	Ingot pushers	1.0	1.2	1.2
绕线机	Winding machines	–	1.6	1.6
冷床横移架	Cooling bed transfer frames	–	1.5	1.5
辊式矫直机	Roller straighteners	–	1.6	1.6
轨道	Roller tables			
连续式	Continuous	–	1.5	1.5
间歇式	Intermittent	–	2.0	2.0
可逆式轧管机	Reversing tube mills	–	1.8	1.8
剪切机	Shears			
连续式*	Continuous*	–	1.5	1.5
曲柄式*	Crank type*	1.0	1.0	1.0
连铸机驱动装置*	Continuous casting drivers*	–	1.4	1.4

工作机	Driven machines	日带载运行时间（小时）		
		≤0.5	>0.5-10	>10
轧机	Rolls			
可逆式开还机	Reversing blooming mills	–	2.5	2.5
可逆式板还轧机	Reversing stabbing mills	–	2.5	2.5
可逆式线材轧机	Reversing wire mills	–	1.8	1.8
可逆式薄板轧机	Reversing sheet mills	–	2.0	2.0
可逆式中厚板轧机	Reversing plate mills	–	1.8	1.8
辊缝调节驱动装置	Roll adjustment drives	0.9	1.0	–
输送机械	Conveyors			
斗式输送机	Bucket conveyors	–	1.4	1.5
绞车	Hauling winches	1.4	1.6	1.6
卷扬机	Hoists	–	1.5	1.8
皮带输送机≤150 kW	Belt conveyors≤150 kW	1. 0	1.2	1.3
皮带输送机≥150 kW	Belt conveyors≥150 kW	1. 1	1.3	1.4
货用电梯*	Goods lifts*	–	1.2	1.5
客用电梯*	Passenger lifts*	–	1.5	1.8
刮板式输送机	Apron conveyors	–	1.2	1.5
自动扶梯	Escalators	1.0	1.2	1.4
轨道行走机构	Frequency converters	–	1.5	–
柱塞式压缩机	Reciprocating compressors	–	1.8	1.9
起重机械	Cranes**			
回转机构**	Slewing gears**	1.0	1.4	1.8
俯仰机构**	Luffing gears**	1.0	1.1	1.4
行走机构**	Travelling gears**	1.1	1.6	2.0
起升机构**	Hoisting gears**	1.0	1.1	1.4
转臂式起重机**	Derricking jib cranes**	1.0	1.2	1.6
冷却塔	Cooling towers			
冷却塔风扇	Cooling tower fans	–	–	2.0
风机(轴流和离心式)	Blowers (axial and radial)	–	1.4	1.5
蔗糖生产	Cane sugar production			
甘蔗切碎机	Cane knives	–	–	1.7
甘蔗碾磨机	Cane mills	–	–	1.7
甜菜糖生产	Beet sugar production			
甜菜绞碎机	Beet cossettes macerators	–	–	1.2
榨取机	Extraction plants	–	–	1.4
机械制冷机	Mechanical refrigerators	–	–	1.4
蒸煮机	Juice boilers	–	–	1.4
甜菜清洗机	Sugar beet washing machines,	–	–	1.4
甜菜切碎机	Sugar beet cutters	–	–	1.5
造纸机械	Paper machines			
各种类型	Of all kind	–	1.8	2.0
碎浆机驱动装置(敬请垂询)	Pulper drives (on request)	–	2	2.25
离心式压缩机	Centrifugal compressors	–	1.4	1.5
索道缆车	Cableways			
运货索道	Material ropeways	–	1.3	1.4
往复式空中索道	To-and-fro system	–	1.6	1.8
拖牵式索道	Aerial ropeways	–	1.3	1.4
循环式索道	T-bar lifts ropeways	–	1.4	1.6
水泥工业	Cement industry			
混凝土搅拌机	Concrete mixers	–	1.5	1.5
破碎机	Breakers	–	1.2	1.4
回转窑	Rotary kilns	–	–	2.0
管式磨机	Tube mills	–	–	2.0
选粉机	Separators	–	1.6	1.6
辊压机	Roll crushers	–	–	2.0

工作机额定功率P2的确定:
*）按最大扭矩确定额定功率
**）可将载荷准确地分类，例如根据FEM 1001进行分类
***）检验热容量是绝对必要的

Design for power rating of driven machine P2
*) Designed power corresponding to max. torque
**) Load can be exactly classified, for instance,according to FEM 1001
***) A check for thermal capacity is absolutelyessential

所列各项系数均为经验值。使用这些系数的前提条件是所述机械设备应符合通常的设计规范和载荷条件。如遇特殊情况，请及时与我们取得联系。对于那些未列入此表的工作机械，请与我们联系。
注:日带载运行时间是以小时计算的.

The listed factors are empirical values. Prerequisitefor their application is that the machinery and equip-ment mentioned correspond to generally accepted design- and load specifications. In case of devi-ations from standard conditions, please refer to us.For driven machines which are not listed in this table, please refer to us.
1) Effective daily operating period under load in hours

表2 原动机系数 f_2 Table 2 Factor for prime mover f_2

电机，液压马达，汽轮机	Electric motors, hydraulic motors,turbines	1.0
4~6缸活塞发动机周期变化 1:100 至 1:200	Piston engines 4~6 cylinders,cyclic variation 1 : 100 to 1 : 200	1.25
1~3缸，活塞发动机周期变化最高达 1:100	Piston engines 1~3 cylinders,cyclic variation up to 1:100	1.5

表3 峰值扭矩系数 f_3 Table 3 Peak torque factor f_3

		每小时峰值载荷次数 Load peaks per hour			
		1~5	6~30	31 – 100	> 100
均匀负载	Steady direction of load	0. 5	0. 65	0. 7	0. 85
交变荷载	Alternating direc-lion of load	0. 7	0. 95	1. 10	1. 25

表4 环境温度系数 f_4 Table 4 Thermal factor f_4

(不带辅助冷却装置或仅带冷却风扇进行冷却) (Gear units without auxiliary cooling or with fan)

环境温度/Ambient	10℃	15℃	20℃	25℃	30℃	35℃	40℃	45℃	50℃
f4	1.11	1.06	1.00	0.94	0.88	0.82	0.75	0.69	0.63

表5 环境温度系数 f_5 Table 5 Thermal factor f_5

(带冷却盘管或同时带冷却盘管和冷却风扇) (For cooling coil, or with fan and cooling coil)

环境温度/Ambient	10℃	15℃	20℃	25℃	30℃	35℃	40℃	45℃	50℃
f5	1.05	1.03	1.00	0.97	0.93	0.90	0.87	0.84	0.81

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表8 立式安装齿轮箱供油系数 f_8

Table 8 Oil supply factor for vertical gear units f_8

对于卧式安装齿轮箱 f_8 = 1.0,当采用强制润滑时 f_8 = 1.05

Oil supply factor for vertical gear units. For horizontal gear units f_8 = 1.0, and in case of forced lubrication f_8 = 1.05

齿轮箱类型 Gear unit type	供油方式 Oil supply	规格 Sizes 4 – 12			
		不带辅助冷却装置 Without Auxiliary cooling	带冷却风扇 With Fan	带冷却盘管 With Cooling coil	带冷却风扇和冷却盘管 With Fan and cooling coil
EH2.V EH3.V EH4.V	浸油润滑 Dip lubrication	0.95	*	0.95	*
	强制润滑 Forced lubrication	1.15	*	1.05	*
EB2.V EB3.V EB4.V	浸油润滑 Dip lubrication	0.95	0.95	0.95	0.95
	强制润滑 Forced lubrication	1.15	1.10	1.10	1.10

齿轮箱类型 Gear unit type	供油方式 Oil supply	规格 Sizes 13 – 18			
		不带辅助冷却装置 Without Auxiliary cooling	带冷却风扇 With Fan	带冷却盘管 With Cooling coil	带冷却风扇和冷却盘管 With Fan and cooling coil
EH2.V EH3.V EH4.V	浸油润滑 Dip lubrication	*	*	*	*
	强制润滑 Forced lubrication	1.15	*	1.05	*
EB2.V EB3.V EB4.V	浸油润滑 Dip lubrication	*	*	*	*
	强制润滑 Forced lubrication	1.10	1.10	1.10	1.10

*）敬请垂询　　*）On request

表15 减速机安全系数 S_A

Table 15 Safety coefficient S_A

重要性与安全要求 Importance and safety requirement	S_A
一般设备，减速器失效仅引起单机停产且易更换配件 The failure of ordinary equipment and speed reducer can only result in production halts of single machine and replacement of spare parts.	1.1–1.3
重要设备，减速器失效仅引起机组、生产线或全厂停产 The failure of ordinary equipment and speed reducer can only result in production halts of machines, production lines or the whole factory.	1.3–1.5
高度安全要求，减速器失效引起设备、人身事故 Higher safety requirements, the failure of speed reducer can cause the incident of equipment and human body.	1.5–1.7

平行轴齿轮箱 Helical gear units　　额定功率 Nominal Power Ratings

类型 TYPES EH1...

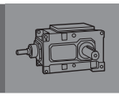
规格 SIZES 1...19

i	n_1	n_2	齿轮箱规格 Gear unit sizes																		
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
	r/min		额定功率P_N (KW) Nominal power ratings P_N (KW)																		
1.25	1800	1440	119		392		1055		2005*		3242*										
	1500	1200	99		327		879		1671		2702										
	1200	960	79		262		703		1337		2161										
	1000	800	66		218		586		1114		1801										
1.4	1800	1286	112		364		968		1870*		3001*										
	1500	1071	93		303		807		1559		2501										
	1200	857	74		242		646		1247		2000										
	1000	714	62		202		538		1039		1667										
1.6	1800	1125	103		342		884		1672*		2781*										
	1500	938	86		285		737		1394		2318		3927								
	1200	750	68		228		589		1115		1854		3142								
	1000	625	57		190		491		929		1545		2618		4123						
1.8	1800	1000	95		252		806		1593*		2558*		4338*								
	1500	833	80		210		672		1328		2132		3615								
	1200	667	64		168		538		1062		1705		2892		4632*						
	1000	556	53		140		448		885		1421		2410		3860						
2	1800	900	88		236		772		1462*		2356*		4025*								
	1500	750	74		197		644		1218		1964		3354								
	1200	600	59		157		515		974		1571		2683		4285*						
	1000	500	49		131		429		812		1309		2236		3571						
2.24	1800	804	81		211		706		1303*		2102*		3699*								
	1500	670	68		176		588		1086		1752		3083								
	1200	536	54		140		470		869		1402		2466		3940*						
	1000	446	45		117		392		724		1168		2055		3283						
2.5	1800	720	76		196		634		1168*		1885*		3317*								
	1500	600	63		164		528		974		1571		2765		4524*						
	1200	480	50		131		422		779		1256		2212		3619*						
	1000	400	42		109		352		649		1047		1843		3016		4607				
2.8	1800	643	67		182		565		1003*		1595*		2961*								
	1500	536	56		152		471		836		1329		2468		4038*						
	1200	429	44		121		377		668		1063		1974		3230*						
	1000	357	37		101		314		557		886		1645		2692		4224				
3.15	1800	571	59		162		502		909		1463		2504*		4086*						
	1500	476	50		135		419		758		1220		2087		3405						
	1200	381	40		108		335		606		976		1669		2724		4620*				
	1000	317	33		90		279		505		813		1391		2270		3850				
3.55	1800	507	54		149		441		824		1323		2322*		3699*						
	1500	423	45		125		368		687		1103		1935		3083						
	1200	338	36		100		294		550		882		1548		2466		4181*				
	1000	282	30		83		245		458		735		1290		2055		3484				
4	1800	450	47		131		396		731		1177		2074*		3335*						
	1500	375	39		110		330		609		981		1728		2780						
	1200	300	31		88		264		487		785		1382		2224		3833*				
	1000	250	26		73		220		406		654		1152		1853		3194		4529		
4.5	1800	400	34		92		281		578		895		1674		2410*		4268*				
	1500	333	29		77		234		482		746		1395		2009		3557				
	1200	267	23		61		187		385		596		1116		1607		2845		4073*		
	1000	222	19		51		156		321		497		930		1339		2371		3394		
5	1800	360	29		79		238		452		772		1271		2054*		3348*		4675*		
	1500	300	24		66		198		377		644		1059		1712		2790		3896*		
	1200	240	19		53		158		301		515		847		1369		2232		3116*		4373*
	1000	200	16		44		132		251		429		706		1141		1860		2597		3644
5.6	1800	321	22		67		202		385		590		1073		1748*		2851*		3982*		
	1500	268	18		56		168		321		492		894		1457		2376		3318*		4218*
	1200	214	14		44		134		257		394		715		1165		1901		2654		3374*
	1000	179	12		37		112		214		328		596		971		1584		2212		2812

卧式安装齿轮箱要采用强制润滑　　Forced lubrication required on horizontal gear units

* 敬请垂询　　* Gear units only on request

EH/EB



平行轴齿轮箱 Helical gear units

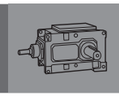
热容量 Thermal Capacities

类型 TYPES EH1...

规格 SIZES 1...19

i		齿轮箱规格 Gear unit sizes																		
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
		n=1000 r/min 额定热功率																		
1.25	PG1	50.6		63.2		*		*		*										
	PG2			187		402		517		536										
	PG3			271		639		911		1288										
	PG4			377		934		1322		1783										
1.4	PG1	48.9		65.4		*		*		*										
	PG2			186		409		534		578										
	PG3			264		629		892		1277										
	PG4			366		916		1298		1760										
1.6	PG1	47.6		68.6		*		*		*		*		*						
	PG2			183		412		540		630		729		510						
	PG3			248		595		833		1230		2057		2459						
	PG4			347		870		1214		1706		2838		3313						
1.8	PG1	47.5		79.9		*		*		*		*		*						
	PG2			205		410		561		655		821		674						
	PG3			269		561		819		1187		2025		2417						
	PG4			376		827		1196		1650		2802		3264						
2	PG1	46.8		78.5		104		*		*		*		*		*		*		*
	PG2			197		397		549		651		852		757		*		*		*
	PG3			256		531		778		1130		1955		2368		2073		*		*
	PG4			358		779		1135		1573		2700		3190		3116		*		*
2.24	PG1	48.4		78		109		*		*		*		*		*		*		*
	PG2			189		382		520		645		887		851		523		*		*
	PG3			241		496		704		1063		1864		2290		2048		*		*
	PG4			338		733		1029		1485		2588		3104		3073		*		*
2.5	PG1	45.9		72.8		108		*		*		*		*		*		*		*
	PG2			175		362		494		621		884		888		621		*		*
	PG3			216		459		649		986		1753		2174		2016		*		*
	PG4			304		679		950		1381		2437		2955		2996		*		*
2.8	PG1	44.4		69.6		105		133		*		*		*		*		*		*
	PG2			164		340		511		649		865		902		707		500		*
	PG3			199		419		655		994		1625		2034		1957		2203		*
	PG4			281		620		959		1390		2265		2770		2892		3223		*
3.15	PG1	42.2		73		127		189		217		*		*		*		*		*
	PG2			161		348		601		731		1019		1128		1146		1040		*
	PG3			193		416		769		1091		1682		2075		2179		2517		*
	PG4			270		612		1140		1548		2349		2844		3174		3624		*
3.55	PG1	38.2		67.6		127		178		209		*		*		*		*		*
	PG2			147		340		553		682		949		1078		1140		1096		*
	PG3			174		398		689		988		1519		1896		2027		2387		*
	PG4			244		585		1027		1407		2128		2603		2942		3412		*
4	PG1	34.8		61.9		118		167		189		235		*		*		*		*
	PG2			134		309		498		585		891		1024		1124		1132		1032
	PG3			155		353		604		820		1372		1715		1851		2212		*
	PG4			217		521		902		1175		1927		2364		2692		3158		*
4.5	PG1	34.8		69.7		129		183		238		267		304		*		*		*
	PG2			144		316		504		667		872		1107		1289		1307		1274
	PG3			165		354		599		908		1310		1783		1908		2227		*
	PG4			230		521		889		1294		1855		2474		2760		3170		*
5	PG1	31.4		63.9		125		184		228		290		340		*		*		*
	PG2			131		301		488		608		869		1087		1317		1541		1585
	PG3			147		333		564		801		1243		1686		1820		2424		*
	PG4			205		490		841		1145		1770		2348		2642		3447		*
5.6	PG1	31.0		57.2		111		166		220		277		311		*		*		*
	PG2			116		266		435		581		823		978		1195		1416		1665
	PG3			128		288		494		745		1164		1478		1608		2157		*
	PG4			179		425		739		1071		1663		2065		2338		3069		*

PG1、PG2、PG3、PG4见214页 See page 214 for PG1、PG2、PG3、PG4



平行轴齿轮箱 Helical gear units

热容量 Thermal Capacities

类型 TYPES EH1...

规格 SIZES 1...19

i		齿轮箱规格 Gear unit sizes																		
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
		n=1200 r/min 额定热功率																		
1.25	PG1	48.1		*		*		*		*										
	PG2			201		397		480		446										
	PG3			296		666		923		1254										
	PG4			432		1050		1468		1946										
1.4	PG1	46.5		*		*		*		*										
	PG2			201		410		507		501										
	PG3			289		660		913		1260										
	PG4			420		1033		1447		1932										
1.6	PG1	45.2		57		*		*		*		*		*						
	PG2			200		424		533		584		528		*						
	PG3			273		634		869		1246		1924		2078						
	PG4			400		987		1365		1894		3045		3406						
1.8	PG1	45.1		69.1		*		*		*		*		*						
	PG2			225		429		570		633		670		*						
	PG3			298		604		866		1225		1958		2157						
	PG4			434		942		1352		1846		3049		3433						
2	PG1	44.4		68.7		*		*		*		*		*		*		*		*
	PG2			218		418		562		638		718		*		*		*		*
	PG3			284		573		826		1173		1911		2150		1659		*		*
	PG4			413		889		1286		1765		2952		3380		3133		*		*
2.24	PG1	46.4		69.9		*		*		*		*		*		*		*		*
	PG2			210		408		541		647		792		625		*		*		*
	PG3			268		539		754		1117		1860		2148		1734		*		*
	PG4			391		839		1170		1675		2855		3335		3162		*		*
2.5	PG1	44.0		66		*		*		*		*		*		*		*		*
	PG2			195		389		518		631		810		691		*		*		*
	PG3			241		500		699		1042		1768		2073		1752		*		*
	PG4			352		778		1082		1561		2700		3196		3117		*		*
2.8	PG1	42.5		63.7		*		*		*		*		*		*		*		*
	PG2			183		366		540		667		812		738		*		*		*
	PG3			222		458		708		1057		1656		1969		1745		1854		*
	PG4			325		712		1095		1576		2520		3016		3041		3308		*
3.15	PG1	40.4		70.1		113		159		*		*		*		*		*		*
	PG2			181		385		658		789		1055		1109		1024		860		*
	PG3			217		463		848		1193		1798		2159		2175		2445		*
	PG4			314		707		1314		1777		2669		3194		3501		3951		*
3.55	PG1	36.6		65		114		153		*		*		*		*		*		*
	PG2			166		376		607		738		990		1072		1040		934		*
	PG3			196		443		761		1083		1629		1983		2040		2342		*
	PG4			284		676		1184		1616		2421		2930		3257		3736		*
4	PG1	36.1		60		108		147		156		*		*		*		*		*
	PG2			151		344		549		637		942		1040		1065		1018		873
	PG3			174		394		670		903		1482		1813		1894		2213		*
	PG4			252		603		1042		1352		2200		2673		3001		3488		*
4.5	PG1	36.1		68.4		121		169		211		*		*		*		*		*
	PG2			163		355		562		737		944		1168		1303		1283		1210
	PG3			186		397		669		1009		1436		1925		2012		2315		*
	PG4			268		604		1030		1495		2131		2823		3118		3558		*
5	PG1	32.6		63.2		121		174		211		248		*		*		*		*
	PG2			149		339		547		678		953		1171		1378		1581		1592
	PG3			166		375		633		894		1374		1843		1955		2577		*
	PG4			239		569		976		1326		2041		2694		3009		3907		*
5.6	PG1	32.2		56.6		107		157		202		237		*		*		*		*
	PG2			132		299		488		647		903		1054		1251		1453		1672
	PG3			145		324		555		833		1287		1616		1728		2293		*
	PG4			208		494		857		1240		1917		2396		2662		3478		*

PG1、PG2、PG3、PG4见214页 See page 214 for PG1、PG2、PG3、PG4

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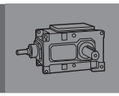


平行轴齿轮箱 Helical gear units

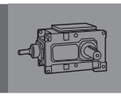
热容量 Thermal Capacities

类型 TYPES EH1...

规格 SIZES 1...19

i		齿轮箱规格 Gear unit sizes																		
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
		n=1500 r/min 额定热功率																		
1.25	PG1	44.3		*		*		*		*										
	PG2			201		372		480		*										
	PG3			307		686		946		1276										
	PG4			472		1117		1537		1991										
1.4	PG1	42.8		*		*		*		*										
	PG2			212		392		447		375										
	PG3			299		680		937		1285										
	PG4			459		1104		1523		1992										
1.6	PG1	41.7		*		*		*		*		*		*						
	PG2			213		420		500		495		*		*						
	PG3			284		655		894		1276		1944		2060						
	PG4			438		1063		1452		1982		3039		3187						
1.8	PG1	41.5		*		*		*		*		*		*						
	PG2			241		435		554		575		*		*						
	PG3			309		625		894		1259		1990		2161						
	PG4			478		1019		1450		1953		3106		3328						
2	PG1	40.9		*		*		*		*		*		*		*		*		*
	PG2			234		427		553		590		509		*		*		*		*
	PG3			295		593		852		1207		1947		2161		1626		*		*
	PG4			455		964		1382		1873		3026		3313		2826		*		*
2.24	PG1	43.3		*		*		*		*		*		*		*		*		*
	PG2			227		422		544		620		631		*		*		*		*
	PG3			278		558		779		1151		1902		2172		1719		*		*
	PG4			431		913		1264		1790		2964		3336		2963		*		*
2.5	PG1	41.1		*		*		*		*		*		*		*		*		*
	PG2			211		405		525		614		676		*		*		*		*
	PG3			251		518		723		1075		1810		2102		1746		*		*
	PG4			388		848		1172		1674		2819		3228		2972		*		*
2.8	PG1	39.7		50		*		*		*		*		*		*		*		*
	PG2			199		384		553		658		705		*		*		*		*
	PG3			231		475		733		1091		1698		2002		1748		1836		*
	PG4			359		777		1189		1695		2647		3075		2947		3087		*
3.15	PG1	37.7		63.8		*		*		*		*		*		*		*		*
	PG2			200		415		702		828		1055		1033		816		*		*
	PG3			226		481		881		1237		1858		2221		2223		2487		*
	PG4			348		779		1442		1941		2879		3394		3634		4035		*
3.55	PG1	34.2		59.8		*		*		*		*		*		*		*		*
	PG2			183		407		649		778		998		1014		860		678		*
	PG3			204		460		791		1124		1685		2042		2087		2387		*
	PG4			314		746		1301		1768		2617		3123		3397		3839		*
4	PG1	38.1		56.2		85.1		*		*		*		*		*		*		*
	PG2			166		374		591		677		964		1012		938		821		623
	PG3			181		410		696		937		1534		1870		1943		2263		*
	PG4			280		665		1147		1483		2387		2866		3159		3625		*
4.5	PG1	38.1		66.4		106		135		*		*		*		*		*		*
	PG2			180		389		611		795		994		1193		1261		1192		1069
	PG3			194		413		696		1049		1489		1992		2075		2382		*
	PG4			298		669		1137		1646		2330		3062		3339		3779		*
5	PG1	34.4		62.5		111		151		169		*		*		*		*		*
	PG2			165		373		599		738		1020		1227		1395		1560		1526
	PG3			173		390		659		930		1427		1911		2022		2660		*
	PG4			266		631		1080		1464		2242		2942		3255		4202		*
5.6	PG1	33.9		56		98.8		136		163		*		*		*		*		*
	PG2			146		330		535		704		967		1104		1266		1433		1604
	PG3			151		337		577		866		1337		1675		1787		2367		*
	PG4			232		548		949		1370		2106		2586		2880		3741		*

PG1、PG2、PG3、PG4见214页 See page 214 for PG1、PG2、PG3、PG4



平行轴齿轮箱 Helical gear units

热容量 Thermal Capacities

类型 TYPES EH1...

规格 SIZES 1...19

i		齿轮箱规格 Gear unit sizes																		
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
		n=1800 r/min 额定热功率																		
1.25	PG1	40.5		*		*		*		*										
	PG2			201		295		*		*										
	PG3			314		650		851		1058										
	PG4			514		1164		1554		1921										
1.4	PG1	39.1		*		*		*		*										
	PG2			214		327		300		*										
	PG3			308		652		859		1096										
	PG4			502		1158		1556		1953										
1.6	PG1	38.2		*		*		*		*		*		*						
	PG2			219		379		397		*		*		*						
	PG3			294		643		848		1146		1465		*						
	PG4			482		1131		1513		2002		2784		2485						
1.8	PG1	37.9		*		*		*		*		*		*						
	PG2			252		411		480		420		*		*						
	PG3			323		623		867		1171		1625		1428						
	PG4			527		1095		1531		2012		2972		2848						
2	PG1	37.4		*		*		*		*		*		*		*		*		*
	PG2			245		409		491		454		*		*		*		*		*
	PG3			308		595		833		1135		1628		1503		*		*		*
	PG4			503		1039		1467		1943		2934		2909		1973		*		*
2.24	PG1	40.2		*		*		*		*		*		*		*		*		*
	PG2			240		414		504		519		*		*		*		*		*
	PG3			292		566		773		1105		1661		1651		*		*		*
	PG4			478		990		1352		1879		2945		3070		2319		*		*
2.5	PG1	38.2		*		*		*		*		*		*		*		*		*
	PG2			224		402		496		532		*		*		*		*		*
	PG3			264		528		722		1043		1613		1661		*		*		*
	PG4			431		922		1259		1768		2834		3033		2437		*		*
2.8	PG1	36.9		*		*		*		*		*		*		*		*		*
	PG2			212		396		531		589		*		*		*		*		*
	PG3			244		486		737		1069		1543		1639		1152		*		*
	PG4			399		848		1283		1801		2690		2947		2517		2389		*
3.15	PG1	35.0		52.3		*		*		*		*		*		*		*		*
	PG2			217		438		726		832		967		808		*		*		*
	PG3			242		505		915		1268		1835		2097		1942		2051		*
	PG4			389		862		1587		2118		3074		3528		3611		3882		*
3.55	PG1	31.8		50		*		*		*		*		*		*		*		*
	PG2			199		431		675		788		930		824		*		*		*
	PG3			218		484		824		1156		1674		1947		1853		2012		*
	PG4			352		827		1434		1933		2804		3265		3407		3739		*
4	PG1	40.1		48.7		*		*		*		*		*		*		*		*
	PG2			181		398		620		695		926		878		627		*		*
	PG3			194		433		728		970		1542		1815		1779		1987		*
	PG4			313		739		1268		1628		2575		3028		3225		3613		*
4.5	PG1	40.1		61		*		*		*		*		*		*		*		*
	PG2			198		419		653		837		1005		1142		1081		925		722
	PG3			208		439		735		1100		1530		1999		2006		2245		*
	PG4			334		746		1265		1822		2547		3300		3520		3924		*
5	PG1	36.2		59.4		92.5		*		*		*		*		*		*		*
	PG2			182		406		646		788		1059		1230		1310		1393		1281
	PG3			186		416		700		983		1486		1956		2016		2605		*
	PG4			299		706		1206		1628		2471		3208		3494		4463		*
5.6	PG1	35.6		53.2		82.3		*		*		*		*		*		*		*
	PG2			161		358		577		752		1004		1107		1189		1280		1346
	PG3			162		360		613		915		1392		1715		1781		2318		*
	PG4			261		613		1059		1523		2321		2820		3092		3973		*

PG1、PG2、PG3、PG4见214页 See page 214 for PG1、PG2、PG3、PG4

EH/EB

平行轴齿轮箱 Helical gear units

额定功率 Nominal Power Ratings

类型 TYPES EH2...

规格 SIZES 3...26

i	n_1	n_2	齿轮箱规格 Gear unit sizes																							
			3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26
	r/min		额定功率P_N (KW) Nominal power ratings P_N (KW)																							
6.3	1800	286	104	189	315		569		943		1663		2578		4286*											
	1500	238	87	158	263		474		786		1386		2148		3572		4871									
	1200	190	70	126	210		379		629		1109		1718		2857		3896									
	1000	159	58	105	175		316		524		924		1432		2381		3247		4862							
7.1	1800	254	94	167	279		506		837		1474		2286		3800*	4252*										
	1500	211	78	140	233		422		698		1229		1905		3167	3543	4319									
	1200	169	62	112	186		337		558		983		1524		2533	2834	3455	4075								
	1000	141	52	93	155		281		465		819		1270		2111	2362	2879	3396	4311	4946						
8	1800	225	83	148	247	319	448	565	742	931	1307	1625	2027	2522	3370*	3769*	4594*									
	1500	188	69	123	206	266	374	471	618	776	1089	1355	1689	2102	2808	3141	3828	4515								
	1200	150	55	98	164	212	299	377	494	620	871	1084	1351	1681	2246	2513	3062	3612	4586*							
	1000	125	46	82	137	177	249	314	412	517	726	903	1126	1401	1872	2094	2552	3010	3822	4385						
9	1800	200	74	131	220	283	398	502	659	826	1161	1444	1800	2239	2992*	3348*	4079*	4811*								
	1500	167	62	110	183	236	332	419	549	689	968	1203	1500	1866	2493	2790	3399	4010								
	1200	133	49	88	146	188	265	335	439	551	774	962	1200	1493	1994	2232	2719	3208	4073	4673						
	1000	111	41	73	122	157	221	279	366	459	645	802	1000	1244	1662	1860	2266	2673	3394	3894	4765					
10	1800	180	67	119	198	254	358	452	594	745	1046	1301	1622	2016	2695*	3015*	3676*	4334*								
	1500	150	56	99	165	212	299	377	495	621	872	1085	1352	1680	2246	2513	3063	3612	4587*							
	1200	120	44	79	132	169	239	301	396	497	697	868	1081	1344	1796	2010	2450	2890	3670*	4210*						
	1000	100	37	66	110	141	199	251	330	414	581	723	901	1120	1497	1675	2042	2408	3058	3508	4293	4796				
11.2	1800	161	59	106	176	227	319	403	529	662	931	1157	1442	1795	2399*	2684*	3271*	3857*	4898*							
	1500	134	50	89	147	189	266	336	441	552	776	965	1202	1496	2000	2237	2726	3215	4082*	4683						
	1200	107	40	71	118	151	212	269	353	442	620	772	961	1196	1600	1789	2180	2572	3265*	3746*	4585*					
	1000	89	33	59	98	126	177	224	294	368	517	643	801	997	1333	1491	1817	2143	2721	3122	3821	4268				
12.5	1800	144	52	95	158	203	286	362	475	596	837	1040	1296	1613	2156*	2412*	2941*	3469*	4403*							
	1500	120	44	80	132	170	239	302	396	497	698	867	1080	1344	1797	2010	2451	2891	3669	4209*						
	1200	96	35	64	106	136	191	241	317	397	558	694	864	1075	1438	1608	1961	2312	2935	3367*	4122*	4604*				
	1000	80	29	53	88	113	159	201	264	331	465	578	720	896	1198	1340	1634	1927	2446	2806	3435	3837	4524			
14	1800	129	47	85	140	180	254	320	421	529	743	923	1150	1431	1913*	2142*	2610*	3078*	3908*	4484*						
	1500	107	39	71	117	150	212	267	351	441	620	770	959	1193	1595	1785	2175	2565	3257	3737	4572*					
	1200	86	31	56	94	120	169	214	281	353	496	616	767	954	1276	1428	1740	2052	2605	2989	3658*	4086*	4818*			
	1000	71	26	47	78	100	141	178	234	294	413	513	639	795	1063	1190	1450	1710	2171	2491	3048	3405	4015	4609		
16	1800	113	41	76	124	160	225	284	374	470	659	819	1021	1271	1697*	1899*	2315*	2731*	3467*	3978*	4869*					
	1500	94	35	63	104	134	188	237	312	392	549	683	851	1059	1415	1583	1929	2276	2889	3315	4058*	4532*				
	1200	75	28	50	83	107	150	190	250	313	439	546	680	847	1132	1266	1543	1820	2311	2652	3246*	3625*	4274*	4908*		
	1000	63	23	42	69	89	125	158	208	261	366	455	567	706	943	1055	1286	1517	1926	2210	2705	3021	3562	4090		
18	1800	100	38	67	112	142	200	254	333	418	585	729	907	1129	1510*	1688	2057	2428	3082	3535	4327*	4835*				
	1500	83	32	56	93	119	167	212	278	348	488	608	756	941	1259	1407	1715	2024	2568	2946	3606*	4029*	4749*			
	1200	67	25	44	74	95	133	169	222	278	390	486	605	752	1007	1126	1372	1619	2054	2357	2885*	3223*	3799*	4363*		
	1000	56	21	37	62	79	111	141	185	232	325	405	504	627	839	938	1143	1349	1712	1964	2404	2686	3166	3636	4574	
20	1800	90	32	59	99	128	178	227	297	373	524	650	810	1008	1348*	1508*	1838*	2167*	2752*	3157*	3865*	4316*				
	1500	75	27	50	83	107	149	189	248	311	437	542	675	840	1124	1257	1532	1806	2294	2631	3221*	3597*	4241*	4869*		
	1200	60	22	40	66	85	119	151	198	248	349	433	540	672	899	1006	1225	1445	1835	2105	2576*	2878*	3392*	3895*	4901*	
	1000	50	18	33	55	71	99	126	165	207	291	361	450	560	749	838	1021	1204	1529	1754	2147	2398	2827	3246	4084	4607
22.4	1800	80	29	52	86	115	158	203	263	335	463	585		907		1357*		1951*		2842*		3884*				
	1500	67	24	44	72	96	132	170	219	279	386	488		756		1131		1626		2369		3237*		4382*		
	1200	54	19	35	58	77	106	136	175	223	308	390		605		905		1301		1895		2590*		3505*		4976*
	1000	45	16	29	48	64	88	113	146	186	257	325		504		754		1084		1579		2158		2921		4147*
25	1800	72				103		182		297		520		806												
	1500	60				86		152		248		434		672												
	1200	48				68		121		198		347		538												
	1000	40				57		101		165		289		448												
28	1800	64				88		160		265		461														
	1500	54				74		134		221		384														
	1200	43				59		107		176		307														
	1000	36				49		89		147		256														

卧式安装齿轮箱要采用强制润滑

敬请垂询

Forced lubrication required on horizontal gear units

Gear units only on request

平行轴齿轮箱 Helical gear units

热容量 Thermal Capacities

类型 TYPES EH2...

规格 SIZES 3...26

i		齿轮箱规格 Gear unit sizes																							
		3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26
		n=1000 r/min 额定热功率																							
6.3	PG1	44.1	54.1	66.5		90.3		116		134		*		*		*		*		*		*		*	
	PG2		106	143		221		293		450		579		563		625		*		*		*		*	
	PG3		120	190		305		475		696		1201		1434		1736		*		*		*		*	
	PG4		162	256		417		626		951		1553		1782		2240		*		*		*		*	
7.1	PG1	42.2	56.1	69		89.8		117		145		*		*	*	*	*	*	*	*	*	*	*	*	*
	PG2		109	146		214		286		454		588		591	589	683	659	*	*	*	*	*	*	*	*
	PG3		121	189		287		447		677		1163		1392	1448	1689	1737	*	*	*	*	*	*	*	*
	PG4		165	256		394		589		931		1510		1746	1810	2186	2260	*	*	*	*	*	*	*	*
8	PG1	40.8	54.4	68.3	74.5	89.1	99	118	120	152	161	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	PG2		104	142	157	208	235	279	290	449	209	591	656	613	620	733	719	*	*	*	*	*	*	*	*
	PG3		115	182	197	272	312	425	472	646	884	1110	1263	1348	1407	1649	1693	*	*	*	*	*	*	*	*
	PG4		155	245	266	376	428	562	618	895	1170	1455	1658	1696	1772	2154	2203	*	*	*	*	*	*	*	*
9	PG1	38.5	53.4	67.9	78.1	89.3	100	120	124	160	182	195	212	*	*	*	*	*	*	*	*	*	*	*	*
	PG2		101	139	159	202	228	272	283	437	520	594	672	635	655	786	789	*	*	*	*	*	*	*	*
	PG3		109	174	197	259	294	403	442	599	861	1055	1224	1292	1366	1611	1662	*	*	*	*	*	*	*	*
	PG4		150	234	266	357	405	536	582	833	1149	1395	1611	1644	1736	2120	2191	*	*	*	*	*	*	*	*
10	PG1	39.6	51.1	65.4	77.4	88.3	100	119	125	164	193	209	234	200	198	*	*	*	*	*	*	*	*	*	*
	PG2		95.7	131	156	193	222	262	278	424	516	587	673	640	668	812	830	*	*	*	*	*	*	*	*
	PG3		102	160	189	243	280	378	422	564	821	999	1167	1224	1303	1548	1611	*	*	*	*	*	*	*	*
	PG4		139	217	255	337	386	505	556	786	1106	1326	1551	1571	1674	2053	2143	*	*	*	*	*	*	*	*
11.2	PG1	37.5	49.3	63.4	76	90.7	99	116	124	173	195	226	247	218	222	229	223	*	*	*	*	*	*	*	*
	PG2		91.7	126	151	196	214	249	270	430	495	601	665	632	669	815	847	*	*	*	*	*	*	*	*
	PG3		97	151	180	241	264	353	398	560	756	986	1113	1148	1237	1468	1553	*	*	*	*	*	*	*	*
	PG4		132	205	245	336	367	473	528	784	1020	1319	1482	1485	1594	1958	2070	*	*	*	*	*	*	*	*
12.5	PG1	36.7	47.8	63	72.3	90.2	95.6	116	122	178	194	226	252	235	235	260	250	301	289	*	*	*	*	*	*
	PG2		87.6	123	142	191	205	244	259	425	475	572	648	637	656	833	844	*	*	*	*	*	*	*	*
	PG3		93.6	149	165	236	250	342	375	549	710	906	1046	1128	1164	1430	1470	*	*	*	*	*	*	*	*
	PG4		126	201	226	327	346	455	498	766	960	1212	1401	1459	1506	1914	1965	*	*	*	*	*	*	*	*
14	PG1	34.3	45.5	60	69.8	83.8	97.7	114	119	173	202	225	266	240	252	274	281	328	333	*	*	*	*	*	*
	PG2		82.9	116	135	175	207	236	247	403	483	547	659	614	659	814	860	*	*	*	*	*	*	*	*
	PG3		87.5	138	156	211	248	322	349	509	705	840	1037	1049	1138	1339	1431	*	*	*	*	*	*	*	*
	PG4		118	186	213	294	345	432	465	711	958	1131	1392	1365	1482	1802	1921	*	*	*	*	*	*	*	*
16	PG1	31.7	41.8	56.6	68.9	79	97	108	117	166	206	212	263	252	254	280	292	341	354	336	*	*	*	*	*
	PG2		75.7	108	131	163	201	221	240	377	476	501	626	617	634	782	837	*	*	*	*	*	*	*	*
	PG3		78.8	126	154	194	242	295	339	464	688	744	947	1027	1059	1245	1341	*	*	*	*	*	*	*	*
	PG4		107	171	208	269	336	397	449	650	932	1007	1276	1341	1381	1680	1810	*	*	*	*	*	*	*	*
18	PG1	30.9	40.1	54.4	65.7	76.1	89.7	103	114	156	200	219	259	248	268	292	299	362	368	367	352	*	*	*	*
	PG2		72.1	103	124	157	184	208	231	352	450	506	598	583	638	768	805	*	*	*	*	*	*	*	*
	PG3		74.1	119	142	185	217	276	319	432	635	747	881	947	1037	1189	1243	*	*	*	*	*	*	*	*
	PG4		100	162	194	257	301	371	425	609	864	1009	1189	1244	1359	1606	1689	*	*	*	*	*	*	*	*
20	PG1	28.8	39.3	51.1	61.7	71.3	85.2	100	109	152	189	208	239	242	258	293	304	361	378	373	372	*	*	*	*
	PG2		70.2	96.8	115	145	172	200	217	339	419	473	543	554	599	751	787	*	*	*	*	*	*	*	*
	PG3		71.7	111	131	169	199	264	293	408	577	681	780	871	957	1140	1181	*	*	*	*	*	*	*	*
	PG4		97.4	150	179	236	276	355	392	575	786	923	1056	1142	1257	1546	1602	*	*	*	*	*	*	*	*
22.4	PG1	28.7	36.4	47.5	59	68.7	81.1	92.3	102	142	175		241		248		300		369		362		*		*
	PG2		64.9	89.4	111	139	165	185	203	314	390		544		566		764		*		*		*		*
	PG3		65.3	101	124	161	190	238	273	371	540		780		877		1133		*		*		*		*
	PG4		88.9	137	169	224	263	320	366	524	736		1057		1153		1537		*		*		*		*
25	PG1				55.3		75.8		99.4		170		227												
	PG2				103		152		196		374		506												
	PG3				114		174		262		506		713												
	PG4				156		242		350		692		965												
28	PG1				51.5		73.3		92.5		160														
	PG2				95.8		146		182		347														
	PG3				104		166		236		459														
	PG4				142		230		318		630														

PG1、PG2、PG3、PG4见214页 See page 214 for PG1、PG2、PG3、PG4

平行轴齿轮箱 Helical gear units

热容量 Thermal Capacities

类型 TYPES EH2...

规格 SIZES 3...26

i		齿轮箱规格 Gear unit sizes																							
		3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26
		n=1200 r/min 额定热功率																							
6.3	PG1	42.6	49.2	54.6		67.4		*		*		*		*		*		*		*		*		*	
	PG2		112	146		220		279		382		415		*		*		*		*		*		*	
	PG3		126	196		311		475		665		1088		1192		1360		*		*		*		*	
	PG4		176	276		445		658		966		1515		1628		1954		*		*		*		*	
7.1	PG1	42.0	51.8	58.4		70.3		*		*		*		*	*	*	*	*	*	*	*	*	*	*	*
	PG2		116	151		215		278		400		452		344	*	*	*	*	*	*	*	*	*	*	*
	PG3		127	196		294		451		656		1075		1196	1220	1380	1383	*	*	*	*	*	*	*	*
	PG4		180	276		422		624		956		1497		1636	1670	1971	1997	*	*	*	*	*	*	*	*
8	PG1	40.6	50.9	59.5	63.6	72.9	77.3	88	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	PG2		111	149	162	212	236	276	283	410	443	484	526	407	386	*	*	*	*	*	*	*	*	*	*
	PG3		121	189	204	281	319	432	477	635	853	1048	1183	1196	1228	1403	1409	*	*	*	*	*	*	*	*
	PG4		170	266	288	404	458	599	654	929	1197	1465	1660	1629	1681	2003	2015	*	*	*	*	*	*	*	*
9	PG1	38.3	51.1	61.6	69.8	77.5	84.3	97.8	97.3	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	PG2		109	147	167	210	234	277	285	419	482	529	589	495	490	522	523	*	*	*	*	*	*	*	*
	PG3		116	182	206	269	305	415	453	601	852	1026	1184	1199	1253	1450	1473	*	*	*	*	*	*	*	*
	PG4		164	255	289	386	437	576	622	878	1197	1436	1651	1635	1710	2059	2103	*	*	*	*	*	*	*	*
10	PG1	40.3	49.5	60.9	71.3	79.5	88.1	102	104	121	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	PG2		103	140	166	204	232	272	285	420	498	549	624	545	554	645	635	*	*	*	*	*	*	*	*
	PG3		108	169	198	255	292	392	436	573	825	991	1153	1172	1235	1446	1487	*	*	*	*	*	*	*	*
	PG4		153	237	278	367	419	546	599	836	1167	1386	1616	1598	1691	2051	2121	*	*	*	*	*	*	*	*
11.2	PG1	38.1	48.2	60.1	71.4	83.7	89.7	103	108	138	144	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	PG2		100	135	161	208	226	262	281	435	491	582	638	569	591	698	705	*	*	*	*	*	*	*	*
	PG3		103	159	190	254	277	369	414	575	769	993	1116	1122	1200	1408	1474	*	*	*	*	*	*	*	*
	PG4		145	225	268	366	400	514	572	841	1086	1393	1561	1535	1638	1994	2092	*	*	*	*	*	*	*	*
12.5	PG1	37.3	47.1	60.4	68.9	84.6	88.4	105	109	149	154	167	*	*	*	*	*	*	*	*	*	*	*	*	*
	PG2		95.8	133	153	204	218	258	273	436	480	567	638	596	604	748	742	*	*	*	*	*	*	*	*
	PG3		99.8	158	175	249	263	358	393	568	728	921	1061	1118	1147	1396	1423	*	*	*	*	*	*	*	*
	PG4		139	220	248	357	378	496	542	825	1029	1289	1487	1524	1566	1976	2017	*	*	*	*	*	*	*	*
14	PG1	34.9	45.1	58.2	67.3	79.8	92	106	109	151	169	179	207	*	*	*	*	*	*	*	*	*	*	*	*
	PG2		90.9	126	147	189	222	252	262	420	496	553	663	593	629	761	792	*	*	*	*	*	*	*	*
	PG3		93.4	147	166	223	262	339	367	529	729	862	1062	1055	1138	1328	1410	*	*	*	*	*	*	*	*
	PG4		130	204	234	322	377	472	507	770	1032	1211	1489	1440	1557	1883	1998	*	*	*	*	*	*	*	*
16	PG1	32.3	41.7	55.4	67.1	76.1	92.6	102	109	148	179	176	216	185	*	*	*	*	*	*	*	*	*	*	*
	PG2		83.1	118	143	177	216	237	256	397	496	514	640	610	620	754	797	*	*	*	*	*	*	*	*
	PG3		84.3	135	164	206	256	312	357	485	716	769	977	1043	1071	1251	1341	*	*	*	*	*	*	*	*
	PG4		118	189	229	295	368	435	491	706	1009	1085	1372	1426	1463	1772	1901	*	*	*	*	*	*	*	*
18	PG1	32.1	40.2	53.7	64.5	74.2	86.8	99	109	144	180	191	223	197	207	217	*	*	*	*	*	*	*	*	*
	PG2		79.3	113	136	170	200	225	249	375	474	528	621	590	640	762	790	*	*	*	*	*	*	*	*
	PG3		79.3	127	152	196	231	292	337	455	664	778	915	973	1061	1210	1260	*	*	*	*	*	*	*	*
	PG4		111	179	214	283	331	407	465	664	938	1093	1286	1333	1453	1710	1792	*	*	*	*	*	*	*	*
20	PG1	30.0	39.5	50.6	60.9	69.9	82.9	97.1	104	142	172	183	211	200	208	228	230	264	*	*	*	*	*	*	*	*
	PG2		77.4	106	126	158	187	217	235	362	444	497	569	567	608	755	785	*	*	*	*	*	*	*	*
	PG3		76.7	118	140	180	212	280	311	430	606	712	814	899	985	1168	1204	*	*	*	*	*	*	*	*
	PG4		107	166	197	260	304	390	430	628	856	1002	1145	1228	1349	1654	1708	*	*	*	*	*	*	*	*
22.4	PG1	29.8	36.5	47.1	58.3	67.5	79.1	89.4	98.6	133	160		214		202		230		267		*		*		*
	PG2		71.5	98	121	152	179	201	220	336	414		571		577		765		*		*		*		*
	PG3		69.9	107	133	172	202	252	290	392	567		815		904		1157		*		*		*		*
	PG4		98.3	151	187	247	290	352	401	573	802		1147		1238		1640		*		*		*		*
25	PG1				54.7		74.1		95.8		156		202												
	PG2				133		166		213		398		532												
	PG3				122		185		278		532		745												
	PG4				172		266		384		754		1048												
28	PG1				51.2		72		89.9		149														
	PG2				105		160		198		371														
	PG3				111		177		251		484														
	PG4				157		253		350		688														

PG1、PG2、PG3、PG4见214页 See page 214 for PG1、PG2、PG3、PG4

平行轴齿轮箱 Helical gear units

热容量 Thermal Capacities

类型 TYPES EH2...

规格 SIZES 3...26

i		齿轮箱规格 Gear unit sizes																							
		3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26
		n=1500 r/min 额定热功率																							
6.3	PG1	40.4	48.5	48.8		*		*		*		*		*		*		*		*		*		*	
	PG2		132	172		256		322		428		442		*		*		*		*		*		*	
	PG3		146	226		357		542		746		1197		1267		1410		*		*		*		*	
	PG4		210	327		525		774		1124		1739		1824		2151		*		*		*		*	
7.1	PG1	41.7	51.6	53.9		*		*		*		*		*	*	*	*	*	*	*	*	*	*	*	*
	PG2		137	177		252		323		453		493		338	*	*	*	*	*	*	*	*	*	*	*
	PG3		148	226		338		516		740		1193		1289	1305	1458	1443	*	*	*	*	*	*	*	*
	PG4		214	327		499		735		1117		1728		1851	1880	2199	2209	*	*	*	*	*	*	*	*
8	PG1	40.3	51.4	56.4	59.2	64.9	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	PG2		132	175	191	249	276	322	328	469	501	537	580	422	390	*	*	*	*	*	*	*	*	*	*
	PG3		140	219	236	323	367	496	545	720	961	1171	1319	1306	1332	1507	1500	*	*	*	*	*	*	*	*
	PG4		202	316	341	479	542	707	772	1088	1397	1700	1923	1860	1910	2261	2260	*	*	*	*	*	*	*	*
9	PG1	38.1	52.4	60.5	67.8	73.2	77.2	86.3	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	PG2		129	174	198	248	275	324	333	484	553	600	666	541	530	584	542	*	*	*	*	*	*	*	*
	PG3		135	211	238	311	352	477	521	686	968	1159	1335	1332	1386	1593	1608	*	*	*	*	*	*	*	*
	PG4		196	303	344	458	518	682	736	1033	1405	1679	1927	1889	1970	2360	2400	*	*	*	*	*	*	*	*
10	PG1	41.4	51.4	61.1	70.9	77.7	84.2	96	95.3	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	PG2		123	165	196	241	273	320	335	489	577	631	715	612	617	710	691	*	*	*	*	*	*	*	*
	PG3		126	196	230	295	338	453	503	657	943	1128	1309	1316	1383	1611	1649	*	*	*	*	*	*	*	*
	PG4		182	282	331	436	498	648	710	987	1375	1628	1896	1861	1964	2374	2447	*	*	*	*	*	*	*	*
11.2	PG1	39.1	50.4	61.2	72.2	83.4	88	99.9	103	119	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	PG2		118	160	191	246	267	309	331	509	572	674	738	648	669	784	787	*	*	*	*	*	*	*	*
	PG3		120	185	221	294	321	427	479	662	882	1135	1274	1269	1354	1582	1651	*	*	*	*	*	*	*	*
	PG4		174	268	319	436	475	610	679	995	1283	1642	1838	1796	1913	2323	2431	*	*	*	*	*	*	*	*
12.5	PG1	38.3	49.5	62.1	70.5	85.6	88.3	104	106	135	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	PG2		113	157	181	242	258	305	322	512	562	660	742	685	691	851	840	*	*	*	*	*	*	*	*
	PG3		116	183	204	289	305	415	454	655	837	1056	1215	1272	1302	1579	1605	*	*	*	*	*	*	*	*
	PG4		166	263	295	425	450	589	644	978	1218	1523	1755	1790	1836	2311	2355	*	*	*	*	*	*	*	*
14	PG1	35.9	47.6	60.4	69.5	81.7	93.2	106	108	142	153	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	PG2		108	150	174	224	263	298	310	494	583	647	774	686	726	875	906	*	*	*	*	*	*	*	*
	PG3		108	171	193	259	304	393	425	611	841	991	1220	1205	1298	1511	1600	*	*	*	*	*	*	*	*
	PG4		155	243	279	384	449	562	603	914	1223	1434	1761	1697	1832	2211	2342	*	*	*	*	*	*	*	*
16	PG1	33.1	44.1	57.8	69.8	78.6	94.9	104	110	144	169	160	193	*	*	*	*	*	*	*	*	*	*	*	*
	PG2		98.9	140	169	210	257	281	303	469	583	603	751	710	721	873	919	*	*	*	*	*	*	*	*
	PG3		98.1	157	191	239	297	362	414	561	827	887	1125	1196	1226	1429	1528	*	*	*	*	*	*	*	*
	PG4		141	225	273	352	438	518	584	839	1197	1286	1626	1684	1726	2088	2236	*	*	*	*	*	*	*	*
18	PG1	34.0	42.7	56.4	67.6	77.3	89.8	101	111	143	175	181	209	170	*	*	*	*	*	*	*	*	*	*	*
	PG2		94.4	134	162	202	237	266	296	443	560	621	731	690	748	888	919	*	*	*	*	*	*	*	*
	PG3		92.4	148	177	229	268	339	392	527	769	899	1057	1119	1219	1387	1442	*	*	*	*	*	*	*	*
	PG4		132	213	255	338	395	486	555	790	1115	1297	1526	1578	1718	2020	2114	*	*	*	*	*	*	*	*
20	PG1	31.7	42	53.3	64	73.1	86.3	100	107	142	170	179	202	179	182	*	*	*	*	*	*	*	*	*	*
	PG2		92.1	126	150	188	222	257	278	428	525	586	670	665	712	882	915	*	*	*	*	*	*	*	*
	PG3		89.4	138	162	209	247	326	362	499	702	823	941	1036	1133	1342	1382	*	*	*	*	*	*	*	*
	PG4		128	198	235	310	363	465	512	747	1019	1191	1360	1455	1597	1956	2019	*	*	*	*	*	*	*	*
22.4	PG1	31.5	38.9	49.7	61.3	70.7	82.4	92.6	101	133	159		206		179		*		*		*		*		*
	PG2		85.2	116	144	181	213	239	261	397	489		673		676		893		*		*		*		*
	PG3		81.5	125	155	200	235	293	337	454	657		942		1041		1329		*		*		*		*
	PG4		117	181	223	295	346	420	478	682	954		1362		1467		1939		*		*		*		*
25	PG1				57.6		77.2		98.9		155		195												
	PG2				134		197		252		470		627												
	PG3				142		216		323		617		862												
	PG4				206		318		458		898		1245												
28	PG1				54.1		75.5		93.4		150														
	PG2				125		190		235		439														
	PG3				130		206		292		562														
	PG4				187		302		417		819														

PG1、PG2、PG3、PG4见214页 See page 214 for PG1、PG2、PG3、PG4

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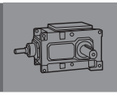


平行轴齿轮箱 Helical gear units

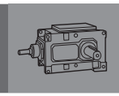
热容量 Thermal Capacities

类型 TYPES EH2...

规格 SIZES 3...26

i		齿轮箱规格 Gear unit sizes																					
		3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26
		n=1800 r/min 额定热功率																							
6.3	PG1	38.2	40.6	*		*		*		*		*		*		*		*		*		*		*	
	PG2		144	181		263		319		366		*		*		*		*		*		*		*	
	PG3		157	239		373		558		732		1102		1027		1020		*		*		*		*	
	PG4		236	361		574		832		1154		1678		1562		1661		*		*		*		*	
7.1	PG1	41.4	44.6	*		*		*		*		*		*	*	*	*	*	*	*	*	*	*	*	*
	PG2		150	189		262		325		408		357		*	*	*	*	*	*	*	*	*	*	*	*
	PG3		159	241		355		536		738		1127		1102	1081	1147	1080	*	*	*	*	*	*	*	*
	PG4		240	363		548		797		1163		1710		1666	1644	1832	1759	*	*	*	*	*	*	*	*
8	PG1	40.0	45.7	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	PG2		145	188	204	262	287	330	332	441	444	436	453	*	*	*	*	*	*	*	*	*	*	*	*
	PG3		152	234	251	342	386	519	567	728	954	1134	1266	1169	1165	1269	1219	*	*	*	*	*	*	*	*
	PG4		228	352	379	529	595	772	837	1149	1449	1722	1931	1749	1757	2006	1941	*	*	*	*	*	*	*	*
9	PG1	37.9	48.3	50.5	54.7	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	PG2		143	189	214	266	293	341	347	481	530	547	595	402	363	*	*	*	*	*	*	*	*	*	*
	PG3		146	227	256	332	374	505	548	707	985	1160	1327	1265	1296	1455	1438	*	*	*	*	*	*	*	*
	PG4		221	340	384	510	574	753	809	1113	1494	1755	2003	1877	1930	2262	2254	*	*	*	*	*	*	*	*
10	PG1	42.5	48.5	53.7	61	63.7	65.2	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	PG2		136	181	214	261	294	342	355	501	577	611	683	526	510	547	495	*	*	*	*	*	*	*	*
	PG3		137	211	248	317	361	483	534	687	975	1152	1331	1294	1345	1541	1555	*	*	*	*	*	*	*	*
	PG4		207	318	372	489	555	720	787	1077	1485	1736	2013	1913	1999	2378	2418	*	*	*	*	*	*	*	*
11.2	PG1	40.1	48.3	55.6	64.6	72.1	73.2	79.4	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	PG2		132	177	210	269	290	333	355	533	587	675	733	600	604	679	655	*	*	*	*	*	*	*	*
	PG3		130	200	239	317	345	457	512	698	923	1175	1314	1276	1350	1558	1609	*	*	*	*	*	*	*	*
	PG4		197	303	359	490	533	682	756	1095	1401	1775	1980	1886	1994	2393	2478	*	*	*	*	*	*	*	*
12.5	PG1	39.3	47.9	57.7	64.6	76.5	76.6	87.5	86.5	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	PG2		127	174	200	266	282	332	348	543	587	677	756	662	656	786	754	*	*	*	*	*	*	*	*
	PG3		126	199	221	313	329	447	487	695	883	1105	1267	1298	1321	1585	1598	*	*	*	*	*	*	*	*
	PG4		189	297	333	480	506	661	720	1083	1340	1662	1910	1908	1945	2426	2451	*	*	*	*	*	*	*	*
14	PG1	36.9	46.5	57	65	75	83.7	93.7	92.7	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	PG2		120	166	193	247	289	326	338	530	618	676	805	686	717	846	861	*	*	*	*	*	*	*	*
	PG3		118	186	209	281	329	424	458	653	892	1045	1284	1246	1336	1543	1623	*	*	*	*	*	*	*	*
	PG4		177	276	316	434	507	632	677	1018	1355	1578	1933	1832	1969	2358	2482	*	*	*	*	*	*	*	*
16	PG1	33.9	43.5	55.4	66.4	73.6	87.3	94.2	98	116	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	PG2		110	155	188	232	283	309	333	507	625	639	792	727	731	872	905	*	*	*	*	*	*	*	*
	PG3		107	171	207	260	322	392	448	602	882	941	1192	1249	1275	1477	1571	*	*	*	*	*	*	*	*
	PG4		160	256	310	399	496	584	658	939	1333	1424	1797	1836	1875	2253	2401	*	*	*	*	*	*	*	*
18	PG1	35.9	42.3	54.7	65.2	73.7	84.5	94.5	102	122	142	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	PG2		105	150	180	225	263	295	326	483	606	667	782	722	777	912	934	*	*	*	*	*	*	*	*
	PG3		101	161	192	249	292	368	424	567	825	960	1127	1180	1282	1451	1503	*	*	*	*	*	*	*	*
	PG4		151	242	290	383	447	550	627	887	1249	1446	1698	1736	1885	2206	2299	*	*	*	*	*	*	*	*
20	PG1	33.4	41.8	52.1	62.2	70.2	82	94.4	99.9	125	144	142	157	*	*	*	*	*	*	*	*	*	*	*	*
	PG2		103	140	168	210	246	285	308	469	571	633	722	702	748	918	944	*	*	*	*	*	*	*	*
	PG3		97.8	150	177	228	268	354	392	539	755	882	1007	1098	1197	1412	1449	*	*	*	*	*	*	*	*
	PG4		146	225	268	352	411	527	580	842	1143	1331	1519	1609	1761	2148	2209	*	*	*	*	*	*	*	*
22.4	PG1	33.2	38.7	48.6	59.6	68	78.5	87.3	94.7	118	135		162		*		*		*		*		*		*
	PG2		95.6	130	161	202	237	265	289	436	533		726		712		924		*		*		*		*
	PG3		89.1	136	169	218	256	319	366	491	708		1009		1101		1395		*		*		*		*
	PG4		133	205	253	335	392	476	541	768	1071		1522		1619		2125		*		*		*		*
25	PG1				56.1		73.8		92.5		133		156												
	PG2				150		219		280		513		678												
	PG3				154		235		351		665		924												
	PG4				234		360		519		1009		1392												
28	PG1				53		72.8		88.5		133														
	PG2				139		212		261		482														
	PG3				142		224		318		606														
	PG4				213		344		473		923														

PG1、PG2、PG3、PG4见214页 See page 214 for PG1、PG2、PG3、PG4



平行轴齿轮箱 Helical gear units

额定功率 Nominal Power Ratings

类型 TYPES EH3...

规格 SIZES 5...26

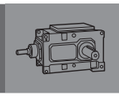
i	n_1	n_2	齿轮箱规格 Gear unit sizes																						
			5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26
	r/min		额定功率P_N (KW) Nominal power ratings P_N (KW)																					
22.4	1800	80									747		1298		1696		2545*		3562*		4750*			
	1500	67									623		1082		1413		2121		2969		3959			
	1200	54									498		865		1130		1697		2375		3167		4524	
	1000	45									415		721		942		1414		1979		2639		3770	
25	1800	72	83		155		256		452		664		1154	1305	1508	1809	2263*	2601*	3166*	3544*	4223*	4826*		
	1500	60	69		129		213		377		554		962	1088	1257	1508	1886	2168	2639	2954	3519	4022		
	1200	48	55		103		170		301		443		769	870	1006	1206	1508	1734	2111	2363	2815	3217	4021	4524
	1000	40	46		86		142		251		369		641	725	838	1005	1257	1445	1759	1969	2346	2681	3351	3770
28	1800	64	74		139		230		407		598	740	1039	1174	1357	1629	2036*	2342*	2849*	3190*	3800*	4343*		
	1500	54	62		116		192		339		498	617	866	978	1131	1358	1697	1952	2375	2658	3167	3620	4524	
	1200	43	49		92		154		271		398	493	692	782	905	1086	1357	1561	1900	2126	2533	2896	3619	4072
	1000	36	41		77		128		226		332	411	577	652	754	905	1131	1301	1583	1772	2111	2413	3016	3393
31.5	1800	57	67	88	124	153	205	259	362	452	531	657	923	1044	1206	1447	1809*	2081*	2533*	2835*	3377*	3861*	4826*	
	1500	48	56	74	104	128	171	216	302	377	443	548	770	870	1005	1206	1508	1734	2111	2363	2814	3218	4022	4524
	1200	38	44	59	83	102	137	173	241	301	354	438	616	696	804	965	1206	1387	1688	1890	2251	2574	3217	3619
	1000	32	37	49	69	85	114	144	201	251	295	365	513	580	670	804	1005	1156	1407	1575	1876	2145	2681	3016
35.5	1800	51	58	77	108	135	180	227	317	396	464	576	808	913	1055	1267	1584*	1822*	2216*	2480*	2956*	3377*	4223*	4750*
	1500	42	48	65	90	113	150	189	264	330	387	480	674	761	879	1056	1320	1518	1847	2067	2463	2814	3519	3959
	1200	34	38	52	72	90	120	151	211	264	310	384	539	608	703	845	1056	1214	1477	1654	1970	2251	2815	3167
	1000	28	32	43	60	75	100	126	176	220	258	320	449	507	586	704	880	1012	1231	1378	1642	1876	2346	2639
40	1800	45	52	68	97	121	160	203	283	353	414	513	722	815	943	1130	1413*	1625*	1978*	2214*	2639*	3015*	3769*	4241*
	1500	38	44	57	81	101	134	170	236	294	345	428	602	680	786	942	1178	1355	1649	1845	2199	2513	3141	3534
	1200	30	35	46	65	80	107	136	188	235	276	342	481	544	629	754	942	1084	1319	1476	1759	2010	2513	2827
	1000	25	29	38	54	67	89	113	157	196	230	285	401	453	524	628	785	903	1099	1230	1466	1675	2094	2356
45	1800	40	45	59	85	106	140	178	248	311	365	452	634	718	830	995	1244*	1431*	1742*	1949*	2322*	2653*	3317*	3731*
	1500	33	38	50	71	89	117	149	207	260	305	377	528	599	692	830	1037	1193	1452	1625	1935	2211	2765	3110
	1200	27	30	40	56	71	94	119	166	208	244	301	422	479	553	664	829	954	1162	1300	1548	1769	2212	2488
	1000	22	25	33	47	59	78	99	138	173	203	251	352	399	461	553	691	795	968	1083	1290	1474	1843	2073
50	1800	36	41	54	77	95	128	162	227	283	331	410	576	652	754	905	1130	1301*	1584*	1771*	2111*	2412*	3015*	3393*
	1500	30	35	45	65	80	107	135	189	236	276	342	480	543	629	755	942	1085	1320	1476	1760	2010	2513	2828
	1200	24	28	36	52	64	85	108	151	188	221	274	384	434	503	604	754	868	1056	1181	1408	1608	2010	2262
	1000	20	23	30	43	53	71	90	126	157	184	228	320	362	419	503	628	723	880	984	1173	1340	1675	1885
56	1800	32	38	49	68	86	115	146	202	254	297	367	517	583	675	810	1012	1165	1417*	1586*	1890*	2160*	2698*	3037*
	1500	27	32	41	57	72	96	122	168	212	248	306	431	486	563	675	843	971	1181	1322	1575	1800	2249	2531
	1200	21	25	32	46	58	77	97	134	169	198	245	344	389	450	540	674	776	944	1057	1260	1440	1799	2024
	1000	18	21	27	38	48	64	81	112	141	165	204	287	324	375	450	562	647	787	881	1050	1200	1499	1687
63	1800	29	32	43	61	76	103	130	180	225	265	326	459	518	599	720	898	1033	1258*	1409*	1678*	1919*	2398*	2696*
	1500	24	27	36	51	63	86	108	150	188	221	272	383	432	500	600	749	861	1049	1175	1398	1599	1998	2247
	1200	19	22	29	41	50	68	86	120	150	176	217	306	346	400	480	599	689	839	940	1118	1279	1598	1798
	1000	16	18	24	34	42	57	72	100	125	147	181	255	288	333	400	499	574	699	783	932	1066	1332	1498
71	1800	25	29	38	54	68	90	113	160	200	234	290	407	459	531	637	797	916	1116*	1249*	1489*	1701*	2126*	2392*
	1500	21	24	32	45	57	75	95	134	167	195	242	339	383	443	531	665	764	930	1041	1241	1418	1772	1994
	1200	17	19	25	36	46	60	76	107	133	156	193	271	306	354	425	532	611	744	833	992	1134	1417	1595
	1000	14	16	21	30	38	50	63	89	111	130	161	226	255	295	354	443	509	620	694	827	945	1181	1329
80	1800	23	25	34	49	59	81	101	142	176	207	257	360	407	472	565	707	814	990*	1107*	1319*	1508*	1885*	2120*
	1500	19	21	29	41	50	68	84	119	147	173	215	300	339	393	471	590	678	825	923	1100	1257	1571	1767
	1200	15	17	23	32	40	54	67	95	118	138	172	240	271	314	377	472	542	660	738	880	1006	1256	1414
	1000	13	14	19	27	33	45	56	79	98	115	143	200	226	262	314	393	452	550	615	733	838	1047	1178
90	1800	20	23	31	41	54	70	90	126	157	184	229	320	362	418	502	607	722	859*	983*	1172*	1339*	1674	1883*
	1500	17	20	26	35	45	59	75	105	131	153	191	267	302	348	419	506	602	716	819	977	1116	1395	1569
	1200	13	16	20	28	36	47	60	84	104	122	152	214	241	278	335	404	481	572	655	781	893	1116	1255
	1000	11	13	17	23	30	39	50	70	87	102	127	178	201	232	279	337	401	477	546	651	744	930	1046
100	1800	18		27		49		81		142		205		326		427		632		877*		1206*		1696*	
	1500	15		23		41		68		119		171		272		356		527		731		1005		1413	
	1200	12		18		32		54		95		137		217		284		421		584		804		1130	
	1000	10		15		27		45		79		114		181		237		351		487		670		942	
112	1800	16		23		41		70		126		184													
	1500	13		20		35		59		105		153													
	1200	11		16		28		47		84		122													
	1000	9		13		23		39		70		102													

卧式安装齿轮箱要采用强制润滑

Forced lubrication required on horizontal gear units

* 敬请垂询

* Gear units only on request



平行轴齿轮箱 Helical gear units

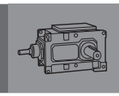
热容量 Thermal Capacities

类型 TYPES EH3...

规格 SIZES 5...26

i		齿轮箱规格 Gear unit sizes																					
		5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26
		n=1000 r/min 额定热功率																					
22.4	PG1									196		258		270		325		350		*		*	
	PG2									303		432		440		*		*		*		*	
	PG3									561		903		903		*		*		*		*	
	PG4									650		1043		1029		*		*		*		*	
25	PG1	49.9		73.5		99.3		145		191		253	265	263	276	323	333	363	343	*	*	*	*
	PG2	73.4		110		152		230		294		420	443	427	451	*	*	*	*	*	*	*	*
	PG3	105		169		247		419		533		850	913	851	906	*	*	*	*	*	*	*	*
	PG4	125		201		293		492		617		986	1055	972	1033	*	*	*	*	*	*	*	*
28	PG1	48		74.2		99		142		186	214	254	264	265	274	326	338	380	370	*	*	*	*
	PG2	70.7		112		150		222		286	327	417	434	425	441	*	*	*	*	*	*	*	*
	PG3	99.7		167		239		392		500	586	820	860	819	854	*	*	*	*	*	*	*	*
	PG4	118		200		284		464		583	680	957	999	942	981	*	*	*	*	*	*	*	*
31.5	PG1	46.7	54	71.4	79.1	96.9	100	138	164	184	211	252	265	263	276	327	341	394	389	*	*	*	*
	PG2	68.5	78.6	107	118	146	151	215	255	279	319	411	432	418	440	*	*	*	*	*	*	*	*
	PG3	95.6	109	158	173	230	286	374	431	480	556	763	829	785	826	*	*	*	*	*	*	*	*
	PG4	114	130	190	206	273	333	443	509	560	647	917	969	906	952	*	*	*	*	*	*	*	*
35.5	PG1	45.2	51.9	69.4	79.7	93.9	99.8	134	159	180	206	244	264	255	274	325	342	404	404	*	*	*	*
	PG2	66.2	75.6	104	119	142	149	208	246	271	311	395	425	401	433	*	*	*	*	*	*	*	*
	PG3	91.3	103	151	171	219	278	354	403	456	523	725	792	725	789	*	*	*	*	*	*	*	*
	PG4	109	123	183	205	262	324	422	480	534	612	854	934	844	916	*	*	*	*	*	*	*	*
40	PG1	42.7	50.4	66	76.6	88.9	96.5	129	155	174	201	237	253	247	264	317	336	401	407	*	*	*	*
	PG2	62.3	73.3	98.9	113	134	145	199	238	261	302	380	406	387	412	*	*	*	*	*	*	*	*
	PG3	84.8	98.8	141	161	204	265	333	384	431	499	683	734	685	730	*	*	*	*	*	*	*	*
	PG4	101	117	170	194	244	310	397	457	506	586	809	867	799	853	*	*	*	*	*	*	*	*
45	PG1	40.8	48.7	63.6	74.3	85.6	94	128	149	167	194	237	245	246	254	316	326	393	402	*	*	*	*
	PG2	59.6	70.7	95	110	128	141	199	229	250	291	378	390	383	397	*	*	*	*	*	*	*	*
	PG3	80.1	94.4	134	155	193	254	326	364	405	475	669	693	670	689	*	*	*	*	*	*	*	*
	PG4	96	113	162	186	232	298	389	434	475	557	793	817	782	804	*	*	*	*	*	*	*	*
50	PG1	39.6	46.1	60.1	70.9	84.2	89.4	127	145	166	190	241	249	248	259	320	332	410	410	*	*	*	*
	PG2	57.5	66.7	89.6	104	126	133	195	222	245	283	378	393	381	399	*	*	*	*	*	*	*	*
	PG3	77.3	87.7	126	145	189	236	319	344	394	448	662	678	655	671	*	*	*	*	*	*	*	*
	PG4	92.8	105	152	174	225	277	281	411	465	529	785	805	771	793	*	*	*	*	*	*	*	*
56	PG1	37.6	44.3	57.5	68.4	80.4	86.2	118	145	161	183	232	250	240	258	311	332	401	421	*	*	*	*
	PG2	54.5	63.9	85.2	100	120	128	181	221	238	271	361	390	367	394	*	*	*	*	*	*	*	*
	PG3	72.6	83	118	138	176	223	289	337	373	421	617	669	614	660	*	*	*	*	*	*	*	*
	PG4	86.7	99.7	143	166	212	262	345	403	441	499	735	795	723	777	*	*	*	*	*	*	*	*
63	PG1	35.5	42.7	53.7	64.7	76.2	84.6	113	143	154	180	222	242	230	250	295	324	393	413	*	*	*	*
	PG2	51.2	61.4	79.4	95.1	112	124	171	216	226	265	343	375	349	378	*	*	*	*	*	*	*	*
	PG3	67.3	80.1	109	129	163	218	268	330	347	410	570	622	567	616	*	*	*	*	*	*	*	*
	PG4	80.6	96.2	130	156	197	257	321	395	411	486	681	746	672	730	*	*	*	*	*	*	*	*
71	PG1	35.1	40.5	52.1	61.6	74.6	80.5	110	133	150	174	216	229	221	237	292	303	373	397	*	*	*	*
	PG2	50.6	58.1	76.7	90.4	110	119	166	200	219	255	333	353	334	357	*	*	*	*	*	*	*	*
	PG3	66.5	75.1	104	120	160	204	258	298	331	389	548	577	542	571	*	*	*	*	*	*	*	*
	PG4	79.7	89.9	126	145	191	239	309	357	393	461	655	690	644	676	*	*	*	*	*	*	*	*
80	PG1	33.3	38.2	50.9	57.6	70.6	76.1	104	125	145	165	208	222	213	228	277	299	358	377	*	*	*	*
	PG2	47.9	54.5	74.9	84.1	104	111	156	188	213	241	320	342	321	343	*	*	*	*	*	*	*	*
	PG3	61.8	69.7	100	111	148	189	238	277	319	361	517	555	512	546	*	*	*	*	*	*	*	*
	PG4	74.2	83.6	121	134	179	222	286	332	378	429	620	663	608	648	*	*	*	*	*	*	*	*
90	PG1	32.9	37.8	48.1	55.7	67.1	74.3	100	123	136	160	196	215	201	219	263	283	349	361	*	*	*	*
	PG2	47.3	54.1	70.7	81.1	98.8	108	151	183	199	233	301	328	302	329	*	*	*	*	*	*	*	*
	PG3	60.1	69.1	93.1	107	138	185	228	267	293	345	479	524	474	516	*	*	*	*	*	*	*	*
	PG4	72.3	82.8	112	129	166	217	275	321	348	409	573	628	564	614	*	*	*	*	*	*	*	*
100	PG1		35.9		54.6		70.7		116		156		203		208		272		356		*		*
	PG2		51.2		79.5		103		173		227		310		310		*		*		*		*
	PG3		64.2		103		172		247		332		484		478		*		*		*		*
	PG4		77.2		125		202		297		394		581		569		*		*		*		*
112	PG1		35.5		51.7		67.2		112		146												
	PG2		50.7		75.2		98.3		168		213												
	PG3		62.5		95.8		159		237		306												
	PG4		75.2		116		188		286		364												

PG1、PG2、PG3、PG4见214页 See page 214 for PG1、PG2、PG3、PG4



平行轴齿轮箱 Helical gear units

热容量 Thermal Capacities

类型 TYPES EH3...

规格 SIZES 5...26

i		齿轮箱规格 Gear unit sizes																					
		5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26
		n=1200 r/min 额定热功率																					
22.4	PG1									173		209		206		232		*		*		*	
	PG2									295		393		382		*		*		*		*	
	PG3									580		913		901		*		*		*		*	
	PG4									681		1059		1023		*		*		*		*	
25	PG1	49.8		72.6		96.6		136		170		207	212	203	207	234	235	*	*	*	*	*	*
	PG2	79.1		118		160		235		288		385	399	375	386	*	*	*	*	*	*	*	*
	PG3	113		180		262		439		552		862	921	852	900	*	*	*	*	*	*	*	*
	PG4	138		221		319		527		647		1004	1066	970	1021	*	*	*	*	*	*	*	*
28	PG1	48.1		73.7		97.1		134		170	193	216	221	215	217	252	255	*	*	*	*	*	*
	PG2	76.5		120		159		229		285	324	394	404	387	394	*	*	*	*	*	*	*	*
	PG3	106		179		255		413		521	609	839	875	828	859	*	*	*	*	*	*	*	*
	PG4	131		221		311		500		617	718	987	1024	956	987	*	*	*	*	*	*	*	*
31.5	PG1	47.1	54.2	71.3	78.6	95.8	98.4	132	156	171	194	222	230	223	230	267	274	276	*	*	*	*	*
	PG2	74.4	85.3	115	127	157	161	225	263	283	322	399	415	394	408	*	*	*	*	*	*	*	*
	PG3	102	117	169	185	245	305	396	454	503	581	808	852	802	840	*	*	*	*	*	*	*	*
	PG4	126	144	210	227	300	365	481	549	598	690	959	1008	935	975	*	*	*	*	*	*	*	*
35.5	PG1	45.7	52.5	69.7	79.8	93.6	99	130	153	171	194	222	237	226	239	279	290	311	292	*	*	*	*
	PG2	72.2	82.4	113	128	153	160	220	257	280	320	393	420	391	417	*	*	*	*	*	*	*	*
	PG3	98.3	110	163	183	234	297	376	427	481	550	755	822	749	812	*	*	*	*	*	*	*	*
	PG4	121	137	202	227	289	356	460	521	576	658	905	984	884	954	*	*	*	*	*	*	*	*
40	PG1	43.3	51.1	66.5	76.9	88.9	96.2	126	150	167	192	219	231	223	235	279	293	322	310	*	*	*	*
	PG2	68.1	80	107	123	145	156	212	251	272	313	383	406	383	404	*	*	*	*	*	*	*	*
	PG3	91.3	106	151	173	219	284	355	407	455	527	714	765	712	756	*	*	*	*	*	*	*	*
	PG4	112	131	189	215	270	342	434	497	547	633	862	921	843	895	*	*	*	*	*	*	*	*
45	PG1	41.5	49.4	64.2	74.7	85.9	93.9	126	145	161	186	220	226	224	229	281	287	321	313	*	*	*	*
	PG2	65.2	77.3	103	120	139	152	212	242	261	303	384	393	382	392	*	*	*	*	*	*	*	*
	PG3	86.3	101	144	166	207	272	347	387	429	502	701	724	698	715	*	*	*	*	*	*	*	*
	PG4	106	125	180	206	256	329	427	474	516	603	847	871	828	848	*	*	*	*	*	*	*	*
50	PG1	40.4	47	61.2	71.9	85.2	90.3	127	144	164	187	232	239	236	245	300	309	365	356	*	*	*	*
	PG2	63.2	73.2	98.2	114	137	145	210	238	262	301	395	410	394	410	*	*	*	*	*	*	*	*
	PG3	83.5	94.6	136	156	203	254	342	368	421	477	701	717	691	707	*	*	*	*	*	*	*	*
	PG4	103	117	169	193	250	307	421	452	510	580	852	872	832	853	*	*	*	*	*	*	*	*
56	PG1	38.5	45.3	58.7	69.7	81.8	87.7	119	146	161	183	228	245	234	250	300	319	374	386	*	*	*	*
	PG2	60.1	70.4	93.7	110	131	140	197	240	257	292	384	414	387	414	*	*	*	*	*	*	*	*
	PG3	78.5	89.7	128	148	190	241	311	361	400	451	658	713	652	700	*	*	*	*	*	*	*	*
	PG4	96.9	111	160	185	236	292	383	446	486	550	805	869	789	846	*	*	*	*	*	*	*	*
63	PG1	36.4	43.9	55.1	66.4	78	86.5	115	145	156	182	222	242	229	249	293	320	382	398	*	*	*	*
	PG2	56.6	67.9	87.6	105	124	137	188	236	247	289	371	405	375	406	*	*	*	*	*	*	*	*
	PG3	72.8	86.6	118	139	176	235	289	356	374	441	611	667	607	659	*	*	*	*	*	*	*	*
	PG4	90.2	107	146	174	220	286	357	439	456	540	753	824	741	804	*	*	*	*	*	*	*	*
71	PG1	36.1	41.6	53.5	63.2	76.4	82.4	112	135	152	177	217	230	222	236	290	301	365	385	*	*	*	*
	PG2	56	64.3	84.8	99.8	122	131	182	219	239	279	361	382	361	385	*	*	*	*	*	*	*	*
	PG3	72	81.2	113	130	173	220	279	321	357	419	589	620	581	611	*	*	*	*	*	*	*	*
	PG4	89.2	100	141	163	214	267	345	398	436	512	725	764	712	746	*	*	*	*	*	*	*	*
80	PG1	34.3	39.2	52.3	59.1	72.4	78	106	128	148	167	210	224	214	228	277	299	352	368	*	*	*	*
	PG2	53	60.3	82.8	92.9	114	123	172	207	233	264	348	371	348	371	*	*	*	*	*	*	*	*
	PG3	66.9	75.5	109	120	160	204	257	298	344	389	556	596	550	586	*	*	*	*	*	*	*	*
	PG4	83	93.6	136	150	200	248	319	370	420	478	688	735	673	716	*	*	*	*	*	*	*	*
90	PG1	33.9	38.9	49.5	57.2	68.8	76.2	103	125	138	163	199	217	203	220	264	284	345	355	*	*	*	*
	PG2	52.4	59.8	78.3	89.7	109	119	166	201	218	256	328	358	329	357	*	*	*	*	*	*	*	*
	PG3	65.1	74.8	100	115	149	200	247	288	316	372	515	563	509	555	*	*	*	*	*	*	*	*
	PG4	81	92.7	126	145	186	242	307	358	388	455	637	697	625	680	*	*	*	*	*	*	*	*
100	PG1		37		56.3		72.7		119		160		207		212		276		358		*		*
	PG2		56.8		88.1		114		191		251		340		340		*		*		*		*
	PG3		69.5		112		186		267		359		523		515		*		*		*		*
	PG4		86.5		140		226		332		441		648		634		*		*		*		*
112	PG1		36.6		53.3		69.2		116		150												
	PG2		56.2		83.4		108		185		235												
	PG3		67.8		103		172		257		330												
	PG4		84.3		130		211		320		407												

PG1、PG2、PG3、PG4见214页 See page 214 for PG1、PG2、PG3、PG4

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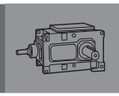
EH/EB



平行轴齿轮箱 Helical gear units

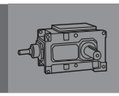
热容量 Thermal Capacities

类型 TYPES EH3...

规格 SIZES 5...26

i		齿轮箱规格 Gear unit sizes																					
		5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26
		n=1500 r/min 额定热功率																					
22.4	PG1									169		193		180		*		*		*		*	
	PG2									346		463		450		*		*		*		*	
	PG3									668		1050		1035		*		*		*		*	
	PG4									811		1267		1228		*		*		*		*	
25	PG1	52.5		76.1		100		138		167		192	193	180	*	*	*	*	*	*	*	*	*
	PG2	92.4		138		187		275		338		453	470	442	455	*	*	*	*	*	*	*	*
	PG3	130		208		302		507		636		992	1059	979	1035	*	*	*	*	*	*	*	*
	PG4	163		261		378		626		771		1201	1277	1164	1227	*	*	*	*	*	*	*	*
28	PG1	50.9		77.5		101		137		169	191	206	207	198	196	222	*	*	*	*	*	*	*
	PG2	89.4		140		186		268		334	380	463	475	455	464	*	*	*	*	*	*	*	*
	PG3	123		207		294		477		600	701	966	1008	953	988	*	*	*	*	*	*	*	*
	PG4	155		261		368		593		734	854	1179	1224	1145	1182	*	*	*	*	*	*	*	*
31.5	PG1	49.9	57.4	75.3	82.8	100	102	137	159	173	196	217	222	212	216	246	249	*	*	*	*	*	*
	PG2	86.9	99.6	135	148	183	188	263	308	332	377	468	487	463	480	*	*	*	*	*	*	*	*
	PG3	118	135	195	214	283	352	457	523	580	670	930	981	924	967	*	*	*	*	*	*	*	*
	PG4	149	170	248	268	355	432	570	650	710	819	1143	1202	1116	1165	*	*	*	*	*	*	*	*
35.5	PG1	48.6	55.7	73.9	84.4	98.7	104	135	158	175	198	222	235	221	232	268	276	273	*	*	*	*	*
	PG2	84.3	96.2	132	150	178	186	257	300	328	374	461	493	459	489	*	*	*	*	*	*	*	*
	PG3	113	127	188	211	271	343	434	492	555	634	870	948	863	935	*	*	*	*	*	*	*	*
	PG4	143	161	239	268	342	421	544	617	683	781	1075	1171	1052	1137	*	*	*	*	*	*	*	*
40	PG1	46.1	54.3	70.6	81.4	93.9	101	132	156	172	197	221	232	221	231	272	283	293	269	*	*	*	*
	PG2	79.5	93.4	125	144	170	182	248	293	318	366	449	476	449	474	*	*	*	*	*	*	*	*
	PG3	105	122	175	200	252	327	410	470	525	608	823	882	820	871	*	*	*	*	*	*	*	*
	PG4	133	154	223	254	319	404	514	589	649	750	1024	1094	1003	1066	*	*	*	*	*	*	*	*
45	PG1	44.2	52.5	68.2	79.2	90.8	99.1	132	151	166	192	223	227	224	227	276	280	297	278	*	*	*	*
	PG2	76.1	90.2	120	140	162	177	247	283	306	355	450	460	448	460	*	*	*	*	*	*	*	*
	PG3	99.7	117	167	192	239	314	401	447	495	579	809	835	804	823	*	*	*	*	*	*	*	*
	PG4	126	148	212	243	303	388	505	561	611	714	1006	1034	985	1009	*	*	*	*	*	*	*	*
50	PG1	43.2	50.1	65.2	76.6	90.6	95.9	134	151	171	195	240	246	242	250	304	313	360	344	*	*	*	*
	PG2	73.8	85.5	114	133	160	169	246	278	306	352	462	479	462	480	*	*	*	*	*	*	*	*
	PG3	96.4	109	157	181	235	293	395	425	485	551	809	827	797	815	*	*	*	*	*	*	*	*
	PG4	122	138	200	228	295	362	497	534	603	686	1009	1033	987	1012	*	*	*	*	*	*	*	*
56	PG1	41.2	48.5	62.7	74.4	87.3	93.4	127	154	170	192	239	256	243	260	310	329	379	387	*	*	*	*
	PG2	70.1	82.2	109	129	153	164	230	280	300	341	449	484	453	485	*	*	*	*	*	*	*	*
	PG3	90.6	103	148	172	219	278	359	417	461	521	759	822	752	808	*	*	*	*	*	*	*	*
	PG4	114	131	188	218	278	344	452	527	574	650	952	1028	934	1001	*	*	*	*	*	*	*	*
63	PG1	39.1	47	59	71	83.5	92.5	122	154	166	194	235	255	241	262	307	336	397	411	*	*	*	*
	PG2	66.1	79.2	102	122	145	160	219	276	288	338	434	473	439	474	*	*	*	*	*	*	*	*
	PG3	84.1	100	136	161	204	272	334	411	432	510	706	770	700	760	*	*	*	*	*	*	*	*
	PG4	106	126	172	205	259	338	421	518	538	637	889	973	876	950	*	*	*	*	*	*	*	*
71	PG1	38.7	44.6	57.3	67.7	81.8	88.2	120	144	162	188	230	243	243	249	306	316	381	400	*	*	*	*
	PG2	65.3	75	98.9	116	142	153	213	256	279	325	422	447	422	450	*	*	*	*	*	*	*	*
	PG3	83.1	93.8	130	151	200	255	322	371	412	484	680	715	671	706	*	*	*	*	*	*	*	*
	PG4	105	118	166	192	252	315	407	469	515	605	857	902	841	881	*	*	*	*	*	*	*	*
80	PG1	36.8	42.1	56	63.3	77.6	83.5	113	136	158	178	223	237	227	241	292	315	369	384	*	*	*	*
	PG2	61.9	70.3	96.6	108	134	143	201	241	272	308	406	434	406	433	*	*	*	*	*	*	*	*
	PG3	77.3	87.2	125	139	185	236	297	345	398	449	642	688	635	676	*	*	*	*	*	*	*	*
	PG4	97.9	110	160	177	236	293	377	437	496	564	812	868	795	846	*	*	*	*	*	*	*	*
90	PG1	36.3	41.8	53.1	61.4	73.8	81.6	110	134	148	173	211	231	215	233	280	300	363	372	*	*	*	*
	PG2	61.1	69.8	91.3	104	127	140	194	235	255	298	383	418	384	417	*	*	*	*	*	*	*	*
	PG3	75.1	86.4	116	133	172	231	285	333	365	430	595	651	588	640	*	*	*	*	*	*	*	*
	PG4	95.5	109	148	171	219	286	362	422	458	537	752	823	738	803	*	*	*	*	*	*	*	*
100	PG1		39.7		60.4		78		128		171		221		226		294		379		*		*
	PG2		66.2		102		133		223		293		397		397		*		*		*		*
	PG3		80.3		129		215		308		415		604		595		*		*		*		*
	PG4		101		165		266		392		520		764		748		*		*		*		*
112	PG1		39.3		57.2		74.3		124		161												
	PG2		65.6		97.3		127		216		274												
	PG3		78.3		119		199		296		382												
	PG4		99.4		153		248		377		479												

PG1、PG2、PG3、PG4见214页 See page 214 for PG1、PG2、PG3、PG4



平行轴齿轮箱 Helical gear units

热容量 Thermal Capacities

类型 TYPES EH3...

规格 SIZES 5...26

i		齿轮箱规格 Gear unit sizes																					
		5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26
		n=1800 r/min 额定热功率																					
22.4	PG1									141		*		*		*		*		*		*	
	PG2									352		446		416		*		*		*		*	
	PG3									713		1103		1076		*		*		*		*	
	PG4									881		1350		1290		*		*		*		*	
25	PG1	52.9		75.6		97.7		126		140		*	*	*	*	*	*	*	*	*	*	*	*
	PG2	101		150		201		289		345		439	448	411	414	*	*	*	*	*	*	*	*
	PG3	143		227		329		547		679		1043	1110	1020	1072	*	*	*	*	*	*	*	*
	PG4	183		292		421		689		839		1282	1356	1226	1285	*	*	*	*	*	*	*	*
28	PG1	51.6		77.6		99.8		129		148	165	*	*	*	*	*	*	*	*	*	*	*	*
	PG2	97.9		153		202		285		346	392	460	466	439	439	*	*	*	*	*	*	*	*
	PG3	135		226		321		516		644	751	1023	1064	1001	1033	*	*	*	*	*	*	*	*
	PG4	174		292		411		655		803	932	1269	1312	1219	1252	*	*	*	*	*	*	*	*
31.5	PG1	50.9	58.3	76	82.9	100	98.4	131	149	157	176	179	178	*	*	*	*	*	*	*	*	*	*
	PG2	95.5	109	147	162	199	161	281	327	348	394	475	490	459	470	*	*	*	*	*	*	*	*
	PG3	130	148	214	234	309	305	496	566	625	721	992	1043	978	1020	*	*	*	*	*	*	*	*
	PG4	168	191	279	301	397	365	632	719	781	900	1240	1300	1200	1248	*	*	*	*	*	*	*	*
35.5	PG1	49.8	56.9	75.1	85.3	99.2	99	132	152	164	184	194	201	184	187	208	*	*	*	*	*	*	*
	PG2	92.9	105	145	164	195	160	277	322	348	396	477	507	467	493	*	*	*	*	*	*	*	*
	PG3	124	140	206	232	296	297	472	535	601	686	933	1015	920	995	*	*	*	*	*	*	*	*
	PG4	161	182	268	301	383	356	606	685	755	862	1176	1278	1144	1231	*	*	*	*	*	*	*	*
40	PG1	47.3	55.7	72	82.7	94.9	96.2	130	151	164	186	199	205	190	194	223	227	*	*	*	*	*	*
	PG2	87.7	102	138	158	186	156	268	315	339	390	469	495	462	484	*	*	*	*	*	*	*	*
	PG3	116	135	192	219	277	284	447	511	570	659	887	947	878	930	*	*	*	*	*	*	*	*
	PG4	149	173	250	285	357	342	573	655	719	831	1124	1199	1095	1160	*	*	*	*	*	*	*	*
45	PG1	45.5	53.9	69.7	80.6	92	93.9	131	147	159	183	203	204	196	194	231	230	*	*	*	*	*	*
	PG2	84	99.5	132	154	178	152	268	305	327	379	472	481	464	473	*	*	*	*	*	*	*	*
	PG3	109	129	183	211	262	272	438	487	537	628	872	898	863	882	*	*	*	*	*	*	*	*
	PG4	141	166	239	273	340	329	563	624	678	792	1107	1135	1077	1101	*	*	*	*	*	*	*	*
50	PG1	44.7	51.9	67.3	78.7	92.9	90.3	135	152	170	193	231	234	228	233	280	285	303	274	*	*	*	*
	PG2	81.7	94.6	126	147	177	145	269	303	332	381	495	512	491	508	*	*	*	*	*	*	*	*
	PG3	106	120	172	199	258	254	433	465	530	601	879	897	864	881	*	*	*	*	*	*	*	*
	PG4	137	155	225	257	332	307	558	598	673	766	1120	1146	1092	1117	*	*	*	*	*	*	*	*
56	PG1	42.9	50.4	65	77	90.1	87.7	129	157	171	194	236	252	237	252	298	315	347	343	*	*	*	*
	PG2	77.7	91.1	121	143	169	140	253	307	329	373	487	523	488	521	*	*	*	*	*	*	*	*
	PG3	99.9	114	163	189	241	241	395	458	505	570	829	897	820	879	*	*	*	*	*	*	*	*
	PG4	129	148	212	246	314	292	508	592	644	728	1063	1147	1040	1114	*	*	*	*	*	*	*	*
63	PG1	40.8	49	61.5	73.9	86.8	86.5	126	159	170	198	238	258	243	262	307	334	386	394	*	*	*	*
	PG2	73.4	88	113	135	160	137	242	304	317	372	475	517	479	517	*	*	*	*	*	*	*	*
	PG3	92.7	110	150	178	225	235	368	452	474	560	774	844	767	832	*	*	*	*	*	*	*	*
	PG4	120	143	194	232	293	286	475	584	606	716	998	1091	981	1064	*	*	*	*	*	*	*	*
71	PG1	40.4	46.6	59.8	70.5	85.1	82.4	124	149	166	193	234	247	237	251	307	317	374	387	*	*	*	*
	PG2	72.6	83.3	109	129	158	131	235	283	308	359	463	490	462	492	*	*	*	*	*	*	*	*
	PG3	91.7	103	144	166	220	220	355	408	453	532	746	785	735	773	*	*	*	*	*	*	*	*
	PG4	118	134	188	217	285	267	458	529	580	681	962	1012	943	987	*	*	*	*	*	*	*	*
80	PG1	38.4	44	58.5	66	80.8	78	118	141	162	183	228	242	230	244	295	317	365	376	*	*	*	*
	PG2	68.8	78.2	107	120	148	123	222	267	300	340	447	476	446	475	*	*	*	*	*	*	*	*
	PG3	85.3	96.2	138	153	204	204	327	380	437	494	705	756	696	742	*	*	*	*	*	*	*	*
	PG4	110	124	181	200	266	248	425	492	559	635	912	975	892	949	*	*	*	*	*	*	*	*
90	PG1	38	43.6	55.4	64	76.9	76.2	114	139	152	179	217	236	219	237	284	304	362	368	*	*	*	*
	PG2	67.9	77.6	101	116	141	119	215	260	282	330	422	460	422	458	*	*	*	*	*	*	*	*
	PG3	82.9	95.3	128	147	190	200	314	367	401	473	654	715	645	703	*	*	*	*	*	*	*	*
	PG4	107	123	168	193	247	242	409	476	516	605	846	925	829	902	*	*	*	*	*	*	*	*
100	PG1		41.6		63.2		72.7		133		178		229		233		303		385		*		*
	PG2		73.7		114		114		247		325		440		439		*		*		*		*
	PG3		88.6		142		186		340		457		665		655		*		*		*		*
	PG4		115		186		226		442		587		862		843		*		*		*		*
112	PG1		41.2		59.9		69.2		130		168												
	PG2		73		108		108		240		305												
	PG3		86.4		132		172		327		421												
	PG4		112		173		211		426		542												

PG1、PG2、PG3、PG4见214页 See page 214 for PG1、PG2、PG3、PG4

EH/EB

平行轴齿轮箱 Helical gear units　额定功率 Nominal Power Ratings

类型 TYPES EH4...
规格 SIZES 7...26

i	n_1	n_2	齿轮箱规格 Gear unit sizes																			
	r/min		7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26
			额定功率P_N (KW) Nominal power ratings P_N (KW)																			
100	1800	18	38		65		113		166		288		376		565		792		1055		1508	
	1500	15	32		54		95		138		240		314		471		660		879		1257	
	1200	12	25		43		76		110		192		251		377		528		703		1006	
	1000	10	21		36		63		92		160		209		314		440		586		838	
112	1800	16.1	34		58		101		148		257	290	335	403	504	580	704	788	940	1073	1343	1510
	1500	13.4	29		48		84		123		215	242	279	336	420	483	587	657	783	894	1119	1259
	1200	10.7	23		38		67		98		172	193	223	269	336	386	469	526	626	715	895	1007
	1000	8.9	19		32		56		82		143	161	186	224	280	322	391	438	522	596	746	839
125	1800	14.4	31	38	50	65	90	113	133	164	230	261	302	362	452	520	634	709	844	965	1206	1357
	1500	12	26	32	42	54	75	95	111	137	192	218	252	302	377	434	528	591	704	804	1005	1131
	1200	9.6	20	25	34	43	60	76	89	109	154	174	202	241	301	347	422	473	563	643	804	905
	1000	8	17	21	28	36	50	63	74	91	128	145	168	201	251	289	352	394	469	536	670	754
140	1800	12.9	27	34	45	58	81	101	117	146	205	232	268	320	401	461	562	628	749	857	1071	1204
	1500	10.7	23	29	38	48	68	84	98	122	171	194	224	267	335	384	468	524	624	714	893	1004
	1200	8.6	18	23	30	38	54	67	78	97	137	155	179	214	268	307	374	419	499	571	714	803
	1000	7.1	15	19	25	32	45	56	65	81	114	129	149	178	223	256	312	349	416	476	595	669
160	1800	11.3	25	31	40	50	72	88	104	130	182	205	238	284	356	410	499	558	664	760	950	1069
	1500	9.4	21	26	33	42	60	74	87	108	152	171	198	237	297	342	416	465	554	633	792	891
	1200	7.5	17	20	26	34	48	59	70	86	121	137	158	190	238	274	332	372	443	506	634	713
	1000	6.3	14	17	22	28	40	49	58	72	101	114	132	158	198	228	277	310	369	422	528	594
180	1800	10	22	27	36	45	63	79	94	115	162	182	211	254	317	364	443	497	590	675	844	950
	1500	8.3	18	23	30	38	53	66	78	96	135	152	176	212	264	303	369	414	492	563	704	792
	1200	6.7	14	18	24	30	42	53	62	77	108	121	140	169	211	242	295	331	394	450	563	634
	1000	5.6	12	15	20	25	35	44	52	64	90	101	117	141	176	202	246	276	328	375	469	528
200	1800	9	20	23	32	41	56	70	83	103	144	164	189	227	283	326	396	443	527	603	754	848
	1500	7.5	17	20	27	35	47	59	69	86	120	137	158	189	236	272	330	369	440	503	629	707
	1200	6	13	16	22	28	37	47	55	68	96	109	126	151	188	217	264	295	352	402	503	565
	1000	5	11	13	18	23	31	39	46	57	80	91	105	126	157	181	220	246	293	335	419	471
224	1800	8	18	22	29	36	50	63	74	92	130	148	169	203	254	293	356	398	475	544	679	763
	1500	6.7	15	18	24	30	42	53	62	77	108	123	141	170	212	245	297	332	396	453	566	636
	1200	5.4	12	14	19	24	34	42	49	61	86	98	113	136	169	196	238	265	317	362	452	509
	1000	4.5	10	12	16	20	28	35	41	51	72	82	94	113	141	163	198	221	264	302	377	424
250	1800	7.2	15.5	20	25	32	45	56	67	83	115	130	151	182	227	261	317	355	423	482	603	679
	1500	6	12.9	17	21	27	38	47	56	69	96	108	126	152	189	218	264	296	353	402	503	566
	1200	4.8	10.3	13	17	22	30	37	44	55	77	86	101	121	151	174	211	236	282	322	402	452
	1000	4	8.6	11	14	18	25	31	37	46	64	72	84	101	126	145	176	197	235	268	335	377
280	1800	6.4	13.9	17.3	23	29	41	50	59	74	104	117	135	162	203	234	284	319	380	434	544	610
	1500	5.4	11.6	14.4	20	24	35	42	50	62	87	98	113	135	170	195	237	266	317	362	453	509
	1200	4.3	9.2	11.5	16	19	28	34	40	49	70	78	90	108	136	156	190	212	253	289	362	407
	1000	3.6	7.7	9.6	13	16	23	28	33	41	58	65	75	90	113	130	158	177	211	241	302	339
315	1800	5.7	12.6	15.3	20	25	36	45	52	67	92	104	121	144	182	209	254	283	338	385	482	544
	1500	4.8	10.5	12.8	17	21	30	38	44	56	77	87	101	120	152	174	212	236	282	321	402	453
	1200	3.8	8.4	10.2	13	17	24	30	35	44	61	70	80	96	121	139	169	188	226	257	322	362
	1000	3.2	7	8.5	11	14	20	25	29	37	51	58	67	80	101	116	141	157	188	214	268	302
355	1800	5.1	10.3	13.5	17	23	31	40	47	58	74	92	101	126	153	182	216	248	295	338	423	475
	1500	4.2	8.6	11.3	15	20	26	33	39	48	62	77	84	105	128	152	180	207	246	282	353	396
	1200	3.4	6.8	9	12	16	20	26	31	38	49	61	67	84	102	121	144	166	197	226	282	317
	1000	2.8	5.7	7.5	10	13	17	22	26	32	41	51	56	70	85	101	120	138	164	188	235	264
400	1800	4.5		12.1		20		36		52		74		104		158		220		302		425
	1500	3.8		10.1		17		30		44		62		87		132		183		252		354
	1200	3		8		13		24		35		49		70		106		146		202		283
	1000	2.5		6.7		11		20		29		41		58		88		122		168		236
450	1800	4		10.3		17		31		45												
	1500	3.3		8.6		14		26		38												
	1200	2.7		6.8		12		20		30												
	1000	2.2		5.7		10		17		25												

卧式安装齿轮箱要采用强制润滑
* 敬请垂询

Forced lubrication required on horizontal gear units
* Gear units only on request

平行轴齿轮箱 Helical gear units　热容量 Thermal Capacities

类型 TYPES EH4...
规格 SIZES 7...26

i		齿轮箱规格 Gear unit sizes																			
		7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26
		n=1000 r/min 额定热功率																			
100	PG1	43.6		60.8		90.1		120		161		180		253		346		*		*	
112	PG1	42		58.2		89.4		117		154	166	173	185	243	260	340	350	*	*	*	*
125	PG1	40.8	46.8	56.4	61.1	85.8	99.7	114	128	149	160	167	177	235	249	330	344	*	*	*	*
140	PG1	38.7	44.9	54.6	58.5	83	98.9	110	125	144	153	161	171	227	241	313	334	*	*	*	*
160	PG1	37.2	43.6	51.6	56.7	79	95.3	104	121	138	148	154	165	218	232	301	317	*	*	*	*
180	PG1	35.8	41.4	49.4	54.9	76.2	91.8	100	118	136	142	151	158	208	224	297	304	*	*	*	*
200	PG1	34.4	39.9	47.8	51.8	72	87.6	98.2	111	132	139	146	156	201	214	280	300	*	*	*	*
224	PG1	32.4	38.2	45.9	49.6	69	84.4	93.7	107	123	136	136	151	193	206	268	283	*	*	*	*
250	PG1	31	37	43.8	48.2	65.6	79.7	89.1	104	117	126	130	141	183	198	253	270	*	*	*	*
280	PG1	30.1	34.7	42.5	46.2	63.1	76.7	86.3	99.1	113	120	126	133	176	188	243	255	*	*	*	*
315	PG1	29.4	33.3	40.5	44.1	61.6	72.7	82.8	95.5	108	116	121	130	172	181	233	245	*	*	*	*
355	PG1	28.1	32.3	39.8	42.8	58.6	69.9	78.9	91.9	106	111	118	124	164	177	222	236	*	*	*	*
400	PG1		31.6		40.8		68.3		88.3		109		121		168		225		*		*
450	PG1		30.1		40.1		64.9		84.2												

i		齿轮箱规格 Gear unit sizes																			
		7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26
		n=1200 r/min 额定热功率																			
100	PG1	45.4		63.1		92.4		121		160		178		246		325		*		*	
112	PG1	43.9		60.6		92.4		120		156	167	173	185	241	257	329	335	*	*	*	*
125	PG1	42.7	49	58.8	63.7	89	103	117	132	152	162	169	179	237	250	325	335	*	*	*	*
140	PG1	40.6	47.1	57.1	61.1	86.5	102	114	129	148	158	164	175	231	245	314	332	*	*	*	*
160	PG1	39.1	45.7	54.1	59.4	82.5	99.4	108	126	143	153	159	170	224	238	305	319	*	*	*	*
180	PG1	37.7	43.6	52	57.7	80	96.2	105	123	142	148	157	165	216	232	306	313	*	*	*	*
200	PG1	36.3	42	50.3	54.5	75.7	92.1	103	117	139	146	153	163	211	224	292	313	*	*	*	*
224	PG1	34.2	40.3	48.4	52.4	72.8	89	98.8	113	130	144	144	159	204	217	283	299	*	*	*	*
250	PG1	32.7	39	46.2	50.8	69.2	84	94	110	123	133	137	148	193	209	267	285	*	*	*	*
280	PG1	31.7	36.6	44.9	48.7	66.6	80.9	91.1	104	120	126	133	141	186	198	257	269	*	*	*	*
315	PG1	31.1	35.1	42.8	46.5	64.9	76.7	87.3	100	114	122	127	137	182	191	246	259	*	*	*	*
355	PG1	29.6	34	42	45.2	61.8	73.8	83.3	96.9	112	118	124	131	173	187	235	249	*	*	*	*
400	PG1		33.4		43.1		72		93.2		115		128		177		238		*		*
450	PG1		31.7		42.3		68.5		88.8												

PG1:不带辅助冷却装置　PG1：Without auxiliary cooling

平行轴齿轮箱 Helical gear units

热容量 Thermal Capacities

类型 TYPES EH4...
规格 SIZES 7...26

i		齿轮箱规格 Gear unit sizes																			
		7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26
		n=1500 r/min 额定热功率																			
100	PG1	48.7		67.6		99.1		130		172		190		264		348		*		*	
112	PG1	47.1		65.1		99.1		129		167	179	186	198	259	276	352	358	*	*	*	*
125	PG1	45.8	52.5	63.1	68.3	95.5	110	126	142	163	174	181	192	254	268	348	359	*	*	*	*
140	PG1	43.5	50.5	61.3	65.6	92.8	110	123	139	158	169	176	188	248	263	336	356	*	*	*	*
160	PG1	41.9	49.1	58	63.7	88.5	106	116	135	153	164	171	182	240	255	327	342	*	*	*	*
180	PG1	40.4	46.7	55.8	61.9	85.8	103	113	132	152	159	169	177	232	249	329	335	*	*	*	*
200	PG1	38.9	45.1	54	58.5	81.3	98.9	110	126	149	157	164	175	226	240	314	335	*	*	*	*
224	PG1	36.7	43.2	52	56.2	78.1	95.5	106	121	140	154	154	170	219	233	303	321	*	*	*	*
250	PG1	35.1	41.9	49.6	54.5	74.2	90.2	100	118	132	143	147	159	208	224	287	305	*	*	*	*
280	PG1	34	39.3	48.2	52.3	71.4	86.8	97.7	112	128	135	143	151	199	213	276	289	*	*	*	*
315	PG1	33.3	37.6	45.9	49.9	69.7	82.2	93.7	108	122	131	136	147	195	204	264	278	*	*	*	*
355	PG1	31.8	36.5	45.1	48.5	66.3	79.2	89.4	104	120	126	133	141	186	200	252	267	*	*	*	*
400	PG1		35.8		46.2		77.3		100		123		138		190		255		*		*
450	PG1		34		45.4		73.5		95.3												

i		齿轮箱规格 Gear unit sizes																			
		7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26
		n=1800 r/min 额定热功率																			
100	PG1	51.1		70.7		102		134		174		191		263		335		*		*	
112	PG1	49.5		68.2		103		133		171	183	189	201	262	279	349	351	*	*	*	*
125	PG1	48.1	55.2	66.3	71.7	99.8	115	131	147	168	179	186	197	259	273	350	358	*	*	*	*
140	PG1	45.9	53.2	64.5	69	97.3	115	128	145	165	175	183	194	255	271	343	361	*	*	*	*
160	PG1	44.2	51.7	61.1	67.1	93	111	122	142	160	171	178	190	249	265	336	350	*	*	*	*
180	PG1	42.7	49.4	58.9	65.3	90.4	108	119	139	160	167	177	185	243	261	342	348	*	*	*	*
200	PG1	41.2	47.7	57.1	61.9	85.8	104	116	133	157	165	173	184	238	253	329	352	*	*	*	*
224	PG1	38.9	45.7	55	59.5	82.7	101	112	128	148	163	163	180	232	247	321	340	*	*	*	*
250	PG1	37.1	44.3	52.5	57.7	78.5	95.4	106	125	140	151	155	168	220	237	304	323	*	*	*	*
280	PG1	36	41.6	51	55.3	75.6	91.8	103	118	136	143	151	160	211	225	292	306	*	*	*	*
315	PG1	35.3	39.8	48.6	52.8	73.7	87	99.1	114	129	139	144	155	207	216	280	294	*	*	*	*
355	PG1	33.6	38.6	47.7	51.3	70.1	83.8	94.6	110	127	134	141	149	197	212	267	283	*	*	*	*
400	PG1		37.9		48.9		81.8		105		130		146		201		270		*		*
450	PG1		36		48		77.8		100												

PG1:不带辅助冷却装置　　PG1：Without auxiliary cooling

直交轴齿轮箱 Bevel-helical Gear Units

额定功率 Nominal Power Ratings

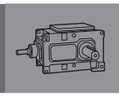
类型 TYPES EB2...
规格 SIZES 1...26

i	n_1	n_2	齿轮箱规格 Gear unit sizes																										
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26
	r/min		额定功率P_N (KW) Nominal power ratings P_N (KW)																									
5	1800	360	43	76	117	218	355		671		1055		1622*		2488*		4599*											
	1500	300	36	63	98	182	296		560		879		1352		2073		3833*											
	1200	240	29	50	78	145	236		448		703		1081		1658		3066*											
	1000	200	24	42	65	121	197		373		586		901		1382		2555											
5.6	1800	321	40	67	104	196	317		601		945		1517*		2261*		4117*	4545*										
	1500	268	33	56	87	164	264		501		788		1265		1884		3431*	3788*										
	1200	214	26	44	70	131	211		401		630		1012		1507		2744*	3030*	4378*									
	1000	179	22	37	58	109	176		334		525		843		1256		2287	2525	3648*									
6.3	1800	286	34	59	94	175	283	360	533	668	839	1067	1409*	1649*	2128*	2457*	3895*	4226*										
	1500	238	29	50	78	146	236	300	444	557	699	890	1175	1374	1773	2048	3246*	3522*	4860*									
	1200	190	23	40	62	116	188	240	355	445	559	712	940	1099	1418	1638	2597*	2818*	3888*									
	1000	159	19	33	52	97	157	200	296	371	466	593	783	916	1182	1365	2164	2348	3240*									
7.1	1800	254	31	54	83	155	250	319	473	592	743	947	1301*	1516*	1940*	2232*	3508*	3854*										
	1500	211	26	45	69	129	209	266	395	494	620	789	1085	1263	1617	1860	2924*	3212*	4319*									
	1200	169	20	36	55	103	167	212	316	395	496	631	868	1010	1294	1488	2339*	2569*	3455*	4074*								
	1000	141	17	30	46	86	139	177	263	329	413	526	723	842	1078	1240	1949	2141	2879	3395*								
8	1800	225	27	47	74	137	221	283	419	526	659	839	1190*	1390*	1814*	2074*	3110*	3487*	4594*									
	1500	188	23	39	62	114	185	236	350	438	549	699	992	1158	1512	1728	2592*	2906*	3828*	4515*								
	1200	150	18	31	49	91	148	188	280	350	439	559	793	926	1210	1382	2074*	2324*	3062*	3612*								
	1000	125	15	26	41	76	123	157	233	292	366	466	661	772	1008	1152	1728	1937	2552	3010								
9	1800	200	23	41	65	121	196	250	373	466	585	745	1057*	1276*	1633*	1904*	2761*	3096*	4079*	4811*								
	1500	167	20	35	54	101	164	209	311	389	488	621	881	1064	1361	1587	2301	2580	3399*	4010*								
	1200	133	16	28	43	80	131	167	248	311	390	497	704	851	1088	1270	1841	2064	2719*	3208*								
	1000	111	13	23	36	67	109	139	207	259	325	414	587	709	907	1058	1534	1720	2266	2673								
10	1800	180	22	38	58	110	176	227	335	421	527	671	952*	1168*	1471*	1791*	2488*	2790*	3676*	4334*								
	1500	150	18	32	48	92	147	189	279	351	440	560	794	974	1226	1493	2073	2325	3063*	3612*								
	1200	120	14	25	38	73	118	151	223	281	352	448	635	779	980	1194	1658	1860	2450*	2890*								
	1000	100	12	21	32	61	98	126	186	234	293	373	529	649	817	995	1382	1550	2042	2408								
11.2	1800	161	20	34	52	97	158	202	299	374	470	598	848*	1040*	1309*	1636*	2214*	2482*	3271*	3857*								
	1500	134	17	29	44	81	132	168	249	312	392	498	707	867	1091	1364	1845	2069	2726*	3215*								
	1200	107	13	23	35	65	106	134	199	250	313	398	565	694	872	1091	1476	1655	2180*	2572*								
	1000	89	11	19	29	54	88	112	166	208	261	332	471	578	727	909	1230	1379	1817	2143								
12.5	1800	144	18	31	47			182		337		536		934*		1471*		2232*		3469*								
	1500	120	15	26	39			152		281		447		779		1226		1860		2891*								
	1200	96	12	20	31			121		224		358		623		980		1488		2312*								
	1000	80	10	17	26			101		187		298		519		817		1240		1927								
14	1800	129	15	27	41			160		299		477		830*		1305*												
	1500	107	13	23	35			134		249		398		692		1088												
	1200	86	10.2	18	28			107		199		318		553		870												
	1000	71	8.5	15	23			89		166		265		461		725												
16	1800	113	13	23	36																							
	1500	94	11	20	30																							
	1200	75	8.8	16	24																							
	1000	63	7.3	13	20																							
18	1800	100	10.8	20	32																							
	1500	83	9	17	27																							
	1200	67	7.2	13	22																							
	1000	56	6	11	18																							

▭ 卧式安装齿轮箱要采用强制润滑
[*] 敬请垂询

▭ Forced lubrication required on horizontal gear units
[*] Gear units only on request

EH/EB



直交轴齿轮箱 Bevel-helical Gear Units

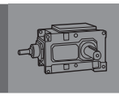
热容量 Thermal Capacities

类型 TYPES EB2...

规格 SIZES 1...26

i		齿轮箱规格 Gear unit sizes																									
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26
		n=1000 r/min 额定热功率																									
5	PG1	28.9	37.8	49.5	48.3	58.6		77.4		87.1		*		*		*											
	PG2	42.2	56.1	81.1	113	155		246		297		487		684		788											
	PG3				137	206		319		398		677		1344		1821											
	PG4				194	291		468		578		984		1838		2383											
5.6	PG1	27.7	36.5	47.8	47.7	59.8		78.3		90.2		120		*		*		*									
	PG2	39.9	53.8	78.1	109	153		232		282		481		688		804		859									
	PG3				132	199		293		367		643		1289		1763		2055									
	PG4				187	282		432		535		943		1789		2333		2689									
6.3	PG1	26.5	32.9	43.3	47	58.7	69.3	75.8	89.9	89.4	98.3	122	142	*	*	*	*	*									
	PG2	38.5	48.5	70.4	105	145	170	216	261	265	300	441	556	637	771	779	838	850									
	PG3				126	185	264	266	388	333	460	566	976	1132	1411	1627	1782	1909									
	PG4				179	263	359	393	548	489	643	934	1340	1574	1954	2168	2366	2530									
7.1	PG1	25.4	32.7	42.7	45	57.2	69	74.3	88.9	89.1	99.3	132	158	151	176	*	*	*	*								
	PG2	39.2	48.2	69.5	99	137	166	203	246	250	284	436	546	637	768	756	815	838	897								
	PG3				116	171	257	244	357	306	422	545	931	1097	1352	1508	1645	1787	1919								
	PG4				164	243	349	362	506	451	594	808	1278	1541	1895	2028	2204	2386	2558								
8	PG1	23.6	30.3	39.8	42.8	54.8	67.2	72.1	86.1	87.4	97.7	129	155	154	181	*	*	*	*								
	PG2	34.6	44.6	64.6	92.9	128	157	192	229	237	267	400	498	588	705	705	784	793	874								
	PG3				107	157	237	226	323	283	383	482	817	978	1185	1356	1531	1621	1793								
	PG4				152	225	324	336	459	419	541	719	1129	1375	1663	1830	2059	2174	2402								
9	PG1	20.7	28.3	38.0	41	52.7	64.5	70.2	82.7	85.8	95.3	129	162	159	193	169	176	*	*								
	PG2	29.5	41.7	61.2	87.8	121	148	182	215	226	251	383	490	565	699	684	730	774	823								
	PG3				98.8	144	218	212	297	267	352	454	791	914	1152	1283	1368	1542	1624								
	PG4				141	206	299	316	424	396	500	679	1094	1296	1625	1741	1853	2078	2188								
10	PG1	19.9	25.7	34.5	34.6	49.3	61.1	66.4	79.2	81.9	91.7	125	153	157	188	172	182	175	*								
	PG2	25.5	34.6	51.5	72.8	111	138	169	202	212	237	359	447	535	642	643	704	737	799								
	PG3				78.9	129	200	192	274	244	325	417	700	846	1018	1170	1296	1431	1546								
	PG4				112	185	276	288	392	363	462	626	972	1200	1444	1596	1760	1935	2085								
11.2	PG1	19.1	25.0	33.8	33.5	44.4	58.4	59.8	76.1	74.5	89	114	150	145	185	162	181	169	187								
	PG2	24.5	33.7	49.7	70.3	99.5	131	150	192	187	226	318	426	476	613	581	662	669	760								
	PG3				75.4	113	183	168	257	212	307	361	659	734	952	1030	1182	1267	1439								
	PG4				107	162	252	252	368	316	438	543	918	1046	1356	1411	1616	1720	1940								
12.5	PG1	18.4	26.4	33.5			54.5		72.2		85.1		145		183		175		186								
	PG2	23.7	35.5	50.0			119		179		212		400		579		598		691								
	PG3						163		234		280		604		882		1039		1276								
	PG4						225		337		401		845		1255		1430		1730								
14	PG1	17.4	23.0	29.9			49		65.2		77		131		168												
	PG2	23.3	30.8	44.0			106		159		189		353		514												
	PG3						142		205		243		522		763												
	PG4						196		293		348		733		1092												
16	PG1	16.7	21.6	28.0																							
	PG2	21.9	28.7	41.1																							
	PG3																										
	PG4																										
18	PG1	15.3	19.6	25.4																							
	PG2	20.2	26.3	37.2																							
	PG3																										
	PG4																										

PG1、PG2、PG3、PG4见214页 See page 214 for PG1、PG2、PG3、PG4



直交轴齿轮箱 Bevel-helical Gear Units

热容量 Thermal Capacities

类型 TYPES EB2...

规格 SIZES 1...26

i		齿轮箱规格 Gear unit sizes																									
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26
		n=1200 r/min 额定热功率																									
5	PG1	27.9	36.5	47.8	47.2	53.4		66		*		*		*		*											
	PG2	47.1	62.6	90.5	132	178		276		325		500		645		640											
	PG3				153	228		353		441		744		1467		1968											
	PG4				228	338		538		657		1085		1953		2390											
5.6	PG1	26.7	35.3	46.2	47.5	56.5		70.8		75.8		*		*		*		*									
	PG2	44.5	60.0	87.1	128	177		265		316		512		689		724		718									
	PG3				147	222		326		406		709		1414		1918		2224									
	PG4				221	330		501		614		1058		1950		2434		2726									
6.3	PG1	25.6	31.8	41.8	47.3	56.6	65.1	70.5	81.4	78.6	83.8	*	*	*	*	*	*	*									
	PG2	42.9	54.1	78.6	125	169	197	249	298	301	337	480	591	657	789	740	778	762									
	PG3				141	206	293	295	431	370	510	625	1076	1245	1551	1778	1944	2076									
	PG4				212	308	419	458	636	566	740	944	1500	1740	2150	2311	2499	2633									
7.1	PG1	25.3	32.5	42.5	45.8	56.4	67.5	71.4	83.8	82.4	89.8	108	*	*	*	*	*	*	*								
	PG2	43.8	53.8	77.5	117	161	194	237	285	288	325	485	598	683	817	762	809	811	849								
	PG3				129	190	286	272	397	340	468	604	1029	1211	1491	1655	1803	1954	2096								
	PG4				194	286	410	424	590	525	689	925	1451	1733	2124	2218	2394	2563	2723								
8	PG1	23.5	30.2	39.6	43.9	54.8	66.7	70.6	83	83	91.2	112	127	*	*	*	*	*	*								
	PG2	38.6	49.7	72.0	110	151	185	225	267	274	308	451	555	643	767	735	807	800	868								
	PG3				119	175	264	252	359	315	426	535	904	1081	1309	1493	1683	1780	1965								
	PG4				181	265	382	395	539	490	631	830	1293	1562	1884	2032	2273	2378	2608								
9	PG1	20.6	28.2	37.8	42.3	53.2	64.8	69.7	81.1	83.2	91.1	116	140	130	*	*	*	*	*								
	PG2	32.9	46.5	68.3	105	144	176	214	253	264	292	437	554	630	775	732	773	807	847								
	PG3				110	161	243	236	331	297	392	505	877	1013	1275	1415	1508	1697	1786								
	PG4				167	244	353	373	498	465	585	788	1261	1484	1857	1956	2073	2308	2414								
10	PG1	20.3	26.1	35.1	35.8	50.1	61.8	66.5	78.5	80.3	88.9	115	137	134	157	*	*	*	*								
	PG2	28.4	38.6	57.4	87.1	132	164	199	238	249	277	413	508	601	719	698	759	783	839								
	PG3				88.1	144	224	214	305	272	362	463	777	938	1129	1293	1431	1577	1703								
	PG4				134	219	326	340	462	426	542	729	1126	1381	1658	1806	1984	2167	2322								
11.2	PG1	19.5	25.4	34.4	34.8	45.3	59.3	60.2	75.9	73.6	87	106	136	127	160	*	*	*	*								
	PG2	27.3	37.6	55.4	84.3	118	155	177	227	220	265	367	488	539	691	637	720	720	809								
	PG3				84.2	126	204	187	286	236	341	401	733	814	1056	1139	1306	1399	1587								
	PG4				128	192	298	298	434	372	514	633	1066	1208	1563	1605	1831	1938	2175								
12.5	PG1	18.7	26.9	34.1			55.7		72.7		84.3		135		164		*		*								
	PG2	26.5	39.6	55.8			142		212		250		462		659		661		750								
	PG3						182		261		312		672		979		1150		1409								
	PG4						267		398		472		985		1454		1632		1957								
14	PG1	17.7	23.4	30.5			50.3		66.1		76.9		125		154												
	PG2	26.0	34.4	49.1			127		189		233		409		589												
	PG3						159		228		271		580		848												
	PG4						232		347		411		856		1270												
16	PG1	17.0	22.0	28.5																							
	PG2	24.5	32.0	45.9																							
	PG3																										
	PG4																										
18	PG1	15.9	20.4	26.4																							
	PG2	22.5	29.3	41.5																							
	PG3																										
	PG4																										

PG1、PG2、PG3、PG4见214页 See page 214 for PG1、PG2、PG3、PG4

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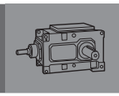


直交轴齿轮箱 Bevel-helical Gear Units

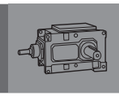
热容量 Thermal Capacities

类型 TYPES EB2...

规格 SIZES 1...26

i		齿轮箱规格 Gear unit sizes																									
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26
		n=1500 r/min 额定热功率																									
5	PG1	26.5	34.6	45.3	35.3	*		*		*		*		*		*											
	PG2	54.4	72.3	104.5	139	184		283		328		478		574		486											
	PG3				159	238		368		459		774		1524		2040											
	PG4				249	366		581		705		1144		2019		2386											
5.6	PG1	25.3	33.4	43.7	38.6	*		*		*		*		*		*		*									
	PG2	51.4	69.3	100.6	135	185		274		322		504		646		618		565									
	PG3				154	231		340		424		738		1470		1992		2307									
	PG4				241	359		543		662		1126		2044		2489		2739									
6.3	PG1	24.3	30.1	39.6	40	*	*	*	*	*	*	*	*	*	*	*	*	*									
	PG2	49.6	62.4	90.8	132	178	206	259	308	310	345	479	581	633	753	664	684	646									
	PG3				147	215	306	308	449	385	531	651	1120	1295	1613	1847	2019	2155									
	PG4				231	336	456	497	690	612	799	1010	1596	1839	2267	2393	2574	2689									
7.1	PG1	25.1	32.3	42.2	40.6	44	50.6	*	*	*	*	*	*	*	*	*	*	*	*								
	PG2	50.6	62.2	89.6	125	169	204	248	298	299	336	493	601	676	804	720	754	740	760								
	PG3				135	199	298	284	414	354	488	629	1072	1261	1552	1722	1875	2031	2177								
	PG4				213	313	447	462	642	570	747	996	1556	1848	2261	2331	2505	2666	2817								
8	PG1	23.3	30.0	39.3	39.9	45.1	53.4	53	*	*	*	*	*	*	*	*	*	*	*								
	PG2	44.6	57.4	83.2	117	160	195	236	280	287	321	463	564	646	768	713	775	756	808								
	PG3				124	182	276	263	375	328	444	557	942	1126	1364	1553	1751	1851	2043								
	PG4				198	290	417	430	586	533	686	896	1392	1674	2016	2152	2400	2499	2729								
9	PG1	20.5	28.0	37.5	39.3	45.7	54.4	55.8	61.6	59.6	*	*	*	*	*	*	*	*	*								
	PG2	38.0	53.7	78.9	111	153	186	226	266	277	306	452	568	640	785	724	759	782	812								
	PG3				115	168	253	246	346	310	409	526	915	1055	1329	1474	1570	1766	1858								
	PG4				183	267	386	407	543	507	637	853	1363	1598	1996	2085	2204	2444	2549								
10	PG1	20.8	26.8	36.0	33.7	44	53.3	55.1	62.3	60.8	63.9	*	*	*	*	*	*	*	*								
	PG2	32.8	44.6	66.3	92.8	140	174	211	251	261	291	429	525	616	734	698	753	770	818								
	PG3				91.9	150	233	224	318	284	377	483	810	978	1176	1347	1490	1642	1772								
	PG4				147	240	356	372	505	465	591	791	1218	1490	1787	1933	2118	2306	2464								
11.2	PG1	20.0	26.1	35.3	33	40.4	52.1	51	61.9	57.7	65.2	*	*	*	*	*	*	*	*								
	PG2	31.6	43.4	64.0	89.8	125	165	188	240	232	279	382	506	555	709	641	721	714	797								
	PG3				87.9	131	213	195	298	246	356	418	764	849	1101	1186	1360	1457	1652								
	PG4				140	210	327	326	474	406	561	688	1156	1306	1688	1722	1960	2068	2315								
12.5	PG1	19.2	27.6	35.0			50.1		61.7		66.9		*		*		*		*								
	PG2	30.6	45.7	64.4			151		224		264		481		681		669		749								
	PG3						189		272		326		701		1021		1198		1468								
	PG4						292		435		515		1070		1574		1754		2093								
14	PG1	18.2	24.0	31.3			46		57.4		63.1		*		*												
	PG2	30.0	39.7	56.7			135		200		236		428		611												
	PG3						166		238		283		605		884												
	PG4						255		380		449		931		1377												
16	PG1	17.4	22.5	29.3																							
	PG2	28.3	37.0	53.0																							
	PG3																										
	PG4																										
18	PG1	16.9	21.5	28.0																							
	PG2	26.0	33.8	48.0																							
	PG3																										
	PG4																										

PG1、PG2、PG3、PG4见214页 See page 214 for PG1、PG2、PG3、PG4



直交轴齿轮箱 Bevel-helical Gear Units

热容量 Thermal Capacities

类型 TYPES EB2...

规格 SIZES 1...26

i		齿轮箱规格 Gear unit sizes																									
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26
		n=1800 r/min 额定热功率																									
5	PG1	25.1	32.7	42.8	*	*		*		*		*		*		*											
	PG2	61.7	82.0	118.5	149	190		283		313		392		350		*											
	PG3				170	250		383		470		765		1446		1814											
	PG4				276	401		630		753		1174		1966		2104											
5.6	PG1	23.9	31.5	41.2	*	*		*		*		*		*		*		*									
	PG2	58.3	78.6	114.1	147	194		282		321		453		493		*		*									
	PG3				164	244		356		439		744		1435		1851		2075									
	PG4				268	395		593		716		1182		2066		2355		2464									
6.3	PG1	23.0	28.4	37.4	31	*	*	*	*	*	*	*	*	*	*	*	*	*									
	PG2	56.3	70.7	103.0	144	189	218	270	318	315	346	450	519	528	612	419	*	*									
	PG3				157	228	324	324	471	402	551	663	1127	1285	1592	1758	1902	1997									
	PG4				258	371	504	546	754	666	865	1073	1673	1894	2322	2342	2482	2533									
7.1	PG1	24.9	32.1	41.9	34	*	*	*	*	*	*	*	*	*	*	*	*	*									
	PG2	57.4	70.6	101.7	136	182	219	263	313	311	346	485	572	616	721	563	560	503	473								
	PG3				145	212	317	301	437	372	512	650	1097	1275	1564	1687	1823	1951	2070								
	PG4				238	347	495	511	707	625	817	1073	1659	1946	2371	2367	2519	2639	2751								
8	PG1	23.1	29.8	39.0	35	*	*	*	*	*	*	*	*	*	*	*	*	*	*								
	PG2	50.6	65.1	94.4	129	173	211	253	298	302	336	467	556	616	723	609	641	592	600								
	PG3				133	195	294	279	397	347	468	580	973	1152	1391	1549	1734	1815	1986								
	PG4				222	323	464	477	649	588	754	973	1500	1785	2143	2230	2467	2539	2743								
9	PG1	20.4	27.8	37.2	35	36	*	*	*	*	*	*	*	*	*	*	*	*	*								
	PG2	43.1	60.9	89.5	123	166	202	244	285	295	324	465	574	630	766	658	674	669	671								
	PG3				123	180	271	263	368	329	433	551	952	1090	1369	1489	1578	1761	1839								
	PG4				206	298	430	453	603	561	703	933	1480	1721	2144	2195	2306	2533	2619								
10	PG1	21.3	27.5	36.9	31	36	43	*	*	*	*	*	*	*	*	*	*	*	*								
	PG2	37.2	50.6	75.2	102	154	190	229	271	280	310	447	537	617	729	655	694	688	712								
	PG3				99	161	250	239	339	302	400	508	847	1015	1219	1373	1511	1653	1773								
	PG4				164	268	398	414	561	516	654	868	1329	1614	1932	2052	2237	2416	2564								
11.2	PG1	20.5	26.8	36.2	30	34	43	40	*	*	*	*	*	*	*	*	*	*	*								
	PG2	35.9	49.2	72.6	99	137	180	204	259	250	299	401	522	562	713	614	679	656	715								
	PG3				94	141	229	209	319	262	379	441	801	885	1145	1215	1387	1476	1664								
	PG4				157	235	265	363	528	451	622	757	1265	1420	1831	1839	2083	2183	2428								
12.5	PG1	19.7	28.3	35.9			43		48		*		*		*		*		*								
	PG2	34.7	51.8	73.0			166		244		284		503		697		650		701								
	PG3						203		291		347		738		1068		1233		1494								
	PG4						327		485		573		1176		1718		1882		2221								
14	PG1	18.7	24.6	32.1			40		47		*		*		*												
	PG2	34.0	45.0	64.3			149		218		255		451		633												
	PG3						178		255		302		640		929												
	PG4						285		424		500		1027		1509												
16	PG1	17.8	23.0	30.1																							
	PG2	32.1	42.0	60.1																							
	PG3																										
	PG4																										
18	PG1	17.9	22.6	29.6																							
	PG2	29.5	38.3	54.5																							
	PG3																										
	PG4																										

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直交轴齿轮箱 Bevel-helical Gear Units

额定功率 Nominal Power Ratings

类型 TYPES EB3...

规格 SIZES 3...26

i	n1	n2	齿轮箱规格 Gear unit sizes																							
			3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26
	1/min		额定功率P_N (KW) Nominal power ratings P_N (KW)																							
12.5	1800	144		83	142		256		423		761		1175		1991*		2941*		3769*							
	1500	120		69	119		213		353		635		980		1659		2451		3141*		4272*					
	1200	96		55	95		170		282		508		784		1327		1961		2513*		3418*					
	1000	80		46	79		142		235		423		653		1106		1634		2094		2848					
14	1800	129		81	131		243		394		709		1071		1834*	1980*	2610*	3078*	3506*	3947*	4817*					
	1500	107		68	110		203		329		591		893		1529	1650	2175	2565	2922*	3290*	4014*	4515*				
	1200	86		54	88		162		263		473		714		1223	1320	1740	2052	2338*	2632*	3211*	3612*				
	1000	71		45	73		135		219		394		595		1019	1100	1450	1710	1948	2193	2676	3010				
16	1800	113		74	121	142	227	256	369	423	664	736	986	1157	1687*	1829*	2374*	2731*	3265*	3658*	4513*	5011*				
	1500	94		62	101	119	189	213	308	353	554	614	822	965	1406	1524	1979	2276	2721*	3048*	3761*	4176*				
	1200	75		49	80	95	151	170	246	282	443	491	658	772	1124	1219	1583	1820	2177*	2438*	3008*	3341*				
	1000	63		41	67	79	126	142	205	235	369	409	548	643	937	1016	1319	1517	1814	2032	2507	2784				
18	1800	100		68	112	133	209	243	344	396	612	686	896	1055	1562*	1688*	2111*	2533*	3040*	3377*	4223*	4622*				
	1500	83		57	93	111	174	203	287	330	510	572	747	879	1302	1407	1760	2111	2534*	2814*	3519*	3852*				
	1200	67		46	74	89	139	162	229	264	408	457	598	703	1042	1126	1408	1688	2027*	2251*	2815*	3082*				
	1000	56		38	62	74	116	135	191	220	340	381	498	586	868	938	1173	1407	1689	1876	2346	2568				
20	1800	90	34	63	104	124	193	225	320	371	565	641	830	970	1442*	1573*	1885*	2263*	2828*	3128*	3958*	4288*				
	1500	75	29	53	87	104	161	188	267	309	471	534	692	809	1202	1311	1571	1886	2357*	2607*	3299*	3573*	4398*			
	1200	60	23	42	70	83	128	150	214	247	377	427	553	647	961	1049	1256	1508	1885	2086*	2639	2858*	3518			
	1000	50	19	35	58	69	107	125	178	206	314	356	461	539	801	874	1047	1257	1571	1738	2199	2382	2932		4188*	
22.4	1800	80	31	56	94	117	175	211	288	347	509	610	747	898	1298*	1467*	1696*	2036*	2545*	2927*	3562*	3987*	4750*			
	1500	67	26	47	78	98	146	176	240	290	425	509	623	749	1082	1223	1413	1697	2121	2439*	2969*	3323*	3959*	4490*		
	1200	54	20	37	62	78	116	140	192	232	340	407	498	599	865	978	1130	1357	1697	1951	2375*	2658	3167*	3618	4523*	
	1000	45	17	31	52	65	97	117	160	193	283	339	415	499	721	815	942	1131	1414	1626	1979	2215	2639	3015	3769*	4240*
25	1800	72	27	50	83	110	155	193	256	324	452	565	664	823	1154*	1305*	1508*	1809*	2263*	2601*	3166*	3544*	4223*	4826*		
	1500	60	23	42	69	92	129	161	213	270	377	471	554	686	962	1088	1257	1508	1886	2168	2639*	2954*	3519*	4022*		
	1200	48	18	34	55	73	103	128	170	216	301	377	443	548	769	870	1006	1206	1508	1734	2111*	2363*	2815*	3217*	4020*	4523*
	1000	40	15	28	46	61	86	107	142	180	251	314	369	457	641	725	838	1005	1257	1445	1759	1969	2346	2681	3350*	3769*
28	1800	64	25	45	74	99	139	173	230	292	407	509	598	740	1039*	1174*	1357*	1629*	2036*	2342*	2849*	3190*	3800*	4343*		
	1500	54	21	38	62	83	116	144	192	243	339	425	498	617	866	978	1131	1358	1697	1952	2375	2658*	3167*	3620*	4524*	
	1200	43	17	30	49	66	92	115	154	194	271	340	398	493	692	782	905	1086	1357	1561	1900	2126*	2533*	2896*	3619*	4052*
	1000	36	14	25	41	55	77	96	128	162	226	283	332	411	577	652	754	905	1131	1301	1583	1772	2111	2413	3016	3392*
31.5	1800	57	22	40	67	88	124	153	205	259	362	452	531	657	923*	1044*	1206*	1447*	1809*	2081*	2533*	2835*	3377*	3861*	4826*	
	1500	48	18	33	56	74	104	128	171	216	302	377	443	548	770	870	1005	1206	1508	1734	2111	2363	2814*	3218*	4022*	4524*
	1200	38	15	26	44	59	83	102	137	173	241	301	354	438	616	696	804	965	1206	1387	1688	1890	2251*	2574*	3217*	3581*
	1000	32	12	22	37	49	69	85	114	144	201	251	295	365	513	580	670	804	1005	1156	1407	1575	1876	2145	2681	3016
35.5	1800	51	20	34	58	77	108	135	180	227	317	396	464	576	808*	913*	1055*	1267*	1584*	1822*	2216*	2480*	2956*	3377*	4223*	4750*
	1500	42	17	29	48	65	90	113	150	189	264	330	387	480	674	761	879	1056	1320	1518	1847	2067	2463	2814*	3519*	3959*
	1200	34	13	23	38	52	72	90	120	151	211	264	310	384	539	608	703	845	1056	1214	1477	1654	1970	2251*	2815*	3167*
	1000	28	11	19	32	43	60	75	100	126	176	220	258	320	449	507	586	704	880	1012	1231	1378	1642	1876	2346	2639
40	1800	45	16	31	52	68	97	121	160	203	283	353	414	513	722*	815*	943*	1130*	1413*	1625*	1978*	2214*	2639*	3015*	3769*	4241*
	1500	38	14	26	44	57	81	101	134	170	236	294	345	428	602	680	786	942	1178	1355	1649	1845	2199	2513	3141*	3534*
	1200	30	11	20	35	46	65	80	107	136	188	235	276	342	481	544	629	754	942	1084	1319	1476	1759	2010	2513*	2827*
	1000	25	9	17	29	38	54	67	89	113	157	196	230	285	401	453	524	628	785	903	1099	1230	1466	1675	2094	2356
45	1800	40	15	27	45	59	85	106	140	178	248	311	365	452	634*	718*	830*	995*	1244*	1431*	1742*	1949*	2322*	2653*	3317*	3731*
	1500	33	12	23	38	50	71	89	117	149	207	260	305	377	528	599	692	830	1037	1193	1452	1625	1935	2211	2765	3110*
	1200	27	10	18	30	40	56	71	94	119	166	208	244	301	422	479	553	664	829	954	1162	1300	1548	1769	2212	2488*
	1000	22	8.3	15	25	33	47	59	78	99	138	173	203	251	352	399	461	553	691	795	968	1083	1290	1474	1843	2073
50	1800	36	14	25	41	54	77	95	128	162	227	283	331	410	576	652*	754*	905*	1130*	1301*	1584*	1771*	2111*	2412*	3015*	3393*
	1500	30	12	21	35	45	65	80	107	135	189	236	276	342	480	543	629	755	942	1085	1320	1476	1760	2010	2513	2828
	1200	24	10	17	28	36	52	64	85	108	151	188	221	274	384	434	503	604	754	868	1056	1181	1408	1608	2010	2262
	1000	20	8	14	23	30	43	53	71	90	126	157	184	228	320	362	419	503	628	723	880	984	1173	1340	1675	1885
56	1800	32	12	22	38	49	68	86	115	146	202	254	297	367	517	583	675*	810*	1012*	1165*	1417*	1586*	1890	2160*	2698*	3037*
	1500	27	10.1	18	32	41	57	72	96	122	168	212	248	306	431	486	563	675	843	971	1181	1322	1575	1800	2249	2531
	1200	21	8	14	25	32	46	58	77	97	134	169	198	245	344	389	450	540	674	776	944	1057	1260*	1440	1799	2024
	1000	18	6.7	12	21	27	38	48	64	81	112	141	165	204	287	324	375	450	562	647	787	881	1050	1200	1499	1687
63	1800	29	10.8	20	32	43	59	76	103	130	180	225	265	326	459	518	599*	720*	898*	1033*	1258*	1409*	1678*	1919*	2398*	2696*
	1500	24	9	17	27	36	50	63	86	108	150	188	221	272	383	432	500	600	749	861	1049	1175	1398	1599	1998	2247
	1200	19	7.2	13	22	29	40	50	68	86	120	150	176	217	306	346	400	480	599	689	839	940	1118	1279	1598	1798
	1000	16	6	11	18	24	33	42	57	72	100	125	147	181	255	288	333	400	499	574	699	783	932	1066	1332	1498
71	1800	25	9.5	17.5	29	38	54	68	90	113	160	200	234	290	407	459	531*	637*	797*	916*	1116*	1249*	1489*	1701*	2126*	2392*
	1500	21	8	14.6	24	32	45	57	75	95	134	167	195	242	339	383	443	531	665	764	930	1041	1241	1418	1772	1994
	1200	17	6.4	11.6	19	25	36	46	60	76	107	133	156	193	271	306	354	425	532	611	744	833	992	1134	1417	1595
	1000	14	5.3	9.7	16	21	30	38	50	63	89	111	130	161	226	255	295	354	443	509	620	694	827	945	1181	1329
80	1800	23				32		59		101		176		257		407		565*		814*		1107*		1508*		2120*
	1500	19				27		50		84		147		215		339		471		678		923		1257		1767
	1200	15				22		40		67		118		172		271		377		542		738		1006		1414
	1000	13				18		33		56		98		143		226		314		452		615		838		1178
90	1800	20				29		52		90		157		229												
	1500	17				24		44		75		131		191												
	1200	13				19		35		60		104		152												
	1000	11				16		29		50		87		127												

卧式安装齿轮箱要采用强制润滑

Forced lubrication required on horizontal gear units

* 敬请垂询

* Gear units only on request

直交轴齿轮箱 Bevel-helical Gear Units

热容量 Thermal Capacities

类型 TYPES EB3...

规格 SIZES 3...26

i		齿轮箱规格 Gear unit sizes																								
		3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26
		n=1000 r/min 额定热功率																							
12.5	PG1		38.1	50.8		79.7		103		140		172		221		235		*		*					
	PG2		66.3	93.9		150		204		321		419		583		742		*		*					
	PG3		76.8	124		218		323		456		714		1117		1339		*		*					
	PG4		100	161		280		413		613		923		1410		1745		*		*					
14	PG1		37.1	49.4		77.4		101		139		177		220	233	235	259	*	*	*	*				
	PG2		64.4	90.9		144		198		315		424		562	604	716	798	*	*	*	*				
	PG3		74.5	119		210		313		447		719		1066	1129	1286	1410	*	*	*	*				
	PG4		97.2	155		270		399		600		932		1349	1433	1677	1838	*	*	*	*				
16	PG1		35.2	47.9	55.4	74	86.2	99.4	110	133	155	165	191	221	227	241	245	*	*	*	*				
	PG2		61.3	87.5	100	137	158	193	214	300	347	388	448	553	579	713	732	*	*	*	*				
	PG3		70.8	115	128	200	223	304	343	425	557	654	740	1043	1079	1265	1292	*	*	*	*				
	PG4		92.2	149	165	257	285	388	434	569	724	846	959	1322	1366	1654	1682	*	*	*	*				
18	PG1		34.3	46.5	53.7	71.7	83.2	96.5	102	132	156	167	195	216	230	237	263	*	*	*	*				
	PG2		59.5	84.8	97.1	133	153	187	197	293	347	392	452	531	573	686	763	*	*	*	*				
	PG3		68.5	111	122	192	217	293	315	416	558	658	745	1001	1063	1210	1332	*	*	*	*				
	PG4		89.5	144	159	247	277	375	399	558	726	853	965	1265	1344	1584	1738	*	*	*	*				
20	PG1	29.7	32.4	44.6	51.9	68.9	79.4	92.8	105	126	147	159	180	212	223	234	246	271	*	270	*		*		*
	PG2	41.1	56.1	81.3	93.5	127	145	179	203	280	323	367	413	513	548	662	700	814	*	899	*		*		*
	PG3		64.8	107	118	184	204	280	323	396	516	615	677	961	1010	1164	1214	*	*	*	*		*		*
	PG4		84.3	138	154	236	261	360	410	531	672	798	877	1215	1280	1523	1589	*	*	*	*		*		*
22.4	PG1	29.5	31.6	44	50.4	66.8	77.4	90.7	97.5	122	148	154	185	210	219	236	243	276	286	279	270	*	*	*	*
	PG2	41.1	54.6	80	90.7	123	141	175	186	266	324	349	417	498	528	646	675	795	833	881	907	*	*	*	*
	PG3		63	105	115	178	198	272	295	367	515	574	683	910	966	1114	1164	*	*	*	*	*	*	*	*
	PG4		82.2	137	149	226	253	348	375	495	671	746	885	1155	1227	1461	1525	*	*	*	*	*	*	*	*
25	PG1	27.6	30.1	41.8	48.6	65	74.7	87.3	94.3	117	144	149	176	204	222	234	250	281	297	292	291	*	*	*	*
	PG2	38.5	51.7	75.5	86.9	119	134	166	178	250	309	329	390	466	513	607	661	763	816	846	893	*	*	*	*
	PG3		59.4	99.4	110	169	189	253	284	337	489	527	638	823	919	1013	1116	*	*	*	*	*	*	*	*
	PG4		77.4	128	142	217	243	324	359	454	640	687	827	1047	1168	1333	1467	*	*	*	*	*	*	*	*
28	PG1	26.9	29	40.6	48	62.1	72.7	83.9	92.7	113	140	144	172	205	216	239	248	285	302	301	306	*	*	*	*
	PG2	37.2	49.4	72.7	85.5	112	130	157	174	238	295	312	373	453	480	596	621	731	782	811	857	*	*	*	*
	PG3		56	94	109	156	183	235	274	313	456	489	593	789	832	980	1015	*	*	*	*	*	*	*	*
	PG4		73.1	121	141	201	234	302	349	424	596	640	772	1007	1060	1292	1336	*	*	*	*	*	*	*	*
31.5	PG1	25.3	27.5	38.6	45.5	59.2	70.3	80.6	89.1	108	133	139	165	196	215	232	250	279	302	299	312	*	*	*	*
	PG2	35.1	46.8	68.7	80.6	106	125	149	165	225	276	296	350	423	468	557	608	688	749	759	821	*	*	*	*
	PG3		52.5	87.6	102	146	174	220	254	291	417	453	543	715	797	896	982	*	*	*	*	*	*	*	*
	PG4		68.6	113	133	188	222	282	324	395	548	595	710	917	1020	1184	1296	*	*	*	*	*	*	*	*
35.5	PG1	24.0	25.9	36.4	44	56.4	67	76.9	85.3	105	128	135	159	192	205	228	241	278	293	297	306	*	*	*	*
	PG2	33.0	43.8	64.3	77.5	100	119	141	156	215	262	284	332	407	435	538	569	666	703	731	767	*	*	*	*
	PG3		48.3	80.2	96.8	135	162	201	237	276	389	431	506	680	725	853	897	*	*	*	*	*	*	*	*
	PG4		63.1	104	126	174	207	260	302	373	509	566	662	873	929	1129	1188	*	*	*	*	*	*	*	*
40	PG1	21.1	22.6	31.7	41.8	49.4	64.1	72.1	81.6	99.6	122	128	152	183	199	220	236	267	289	287	302	*	*	*	*
	PG2	29.0	38.1	55.5	73.3	87.1	112	131	149	201	246	267	315	383	419	508	548	627	679	686	738	*	*	*	*
	PG3		40.7	66.7	90.4	112	151	182	222	253	360	397	471	627	687	793	853	*	*	*	*	*	*	*	*
	PG4		53.2	87	117	144	193	235	283	344	473	523	617	808	884	1053	1132	*	*	*	*	*	*	*	*
45	PG1	20.8	22.1	30.9	39.3	48	60.9	66.4	77.7	91.6	117	119	147	171	190	206	228	253	278	270	291	*	*	*	*
	PG2	28.4	37.2	54	68.5	84.1	106	120	140	184	236	244	301	352	395	470	520	582	638	634	692	*	*	*	*
	PG3		39.5	64.3	82.9	108	139	164	203	227	340	356	446	564	634	719	798	*	*	*	*	*	*	*	*
	PG4		51.8	84	107	139	179	211	260	311	449	467	586	728	818	955	1057	*	*	*	*	*	*	*	*
50	PG1	20.4	22.4	30.8	34.4	47.6	53.6	65.5	73.1	92.4	112	122	141	178	179	219	216	256	267	302	283	*	*	*	*
	PG2	28.0	37.4	53.3	59.4	82.5	92.5	117	131	181	221	244	283	356	363	478	481	561	595	668	641	*	*	*	*
	PG3		39.5	62.6	69.2	104	116	156	184	222	312	352	412	567	571	727	725	*	*	*	*	*	*	*	*
	PG4		51.6	81.9	90.3	134	149	203	236	301	411	466	543	728	738	962	963	*	*	*	*	*	*	*	*
56	PG1	18.2	20.7	28.5	33.6	44.3	52.1	60.7	67.7	84.5	103	113	131	165	186	205	228	251	268	294	312	*	*	*	*
	PG2	24.8	34.4	49.3	57.8	76.7	89.6	108	120	164	203	223	258	325	365	438	488	540	571	630	675	*	*	*	*
	PG3		35.6	56.4	66.7	94.7	111	140	166	197	279	315	366	507	573	654	729	*	*	*	*	*	*	*	*
	PG4		46.8	74.1	87.2	122	143	182	213	268	370	416	486	652	738	867	966	*	*	*	*	*	*	*	*
63	PG1	18.0	19.9	27.4	33.4	42.8	51.5	58.7	66.5	81.7	103	109	133	159	171	198	211	245	260	287	298	*	*	*	*
	PG2	24.1	33.1	47.3	57.1	74.1	88.1	104	117	158	198	214	259	309	333	419	447	520	549	608	633	*	*	*	*
	PG3		33.7	53.3	65	89.8	108	132	159	185	271	296	365	475	510	615	657	*	*	*	*	*	*	*	*
	PG4		44.3	70.1	85.1	116	140	173	203	253	358	393	481	612	659	820	869	*	*	*	*	*	*	*	*
71	PG1	16.7	18.4	26.1	30.8	40.8	47.8	55	61.7	75.7	94.8	103	122	151	164	187	204	232	252	272	291	*	*	*	*
	PG2	22.2	30.7	44.9	52.6	70.5	81.7	97.8	108	146	180	201	236	292	318	393	426	487	529	569	612	*	*	*	*
	PG3		30.6	49.3	58.8	83.1	98.3	119	143	166	240	268	327	437	481	569	620	*	*	*	*	*	*	*	*
	PG4		40.4	65.2	77.1	108	127	157	183	228	319	356	431	567	621	757	824	*	*	*	*	*	*	*	*
80	PG1				29.5		46.2		59.6		90.7		117		157		193		239		276		*		*
	PG2				50.6		79		105		173		227		301		400		495		574		*		*
	PG3				55.4		93.2		134		224		307		442		570		*		*		*		*
	PG4				72.8		121		174		300		407		573		761		*		*		*		*
90	PG1				28.2		44		55.9		84.5		110												
	PG2				48.1		75.1		98.4		161		212												
	PG3				51.4		86.3		121		201		277												
	PG4				67.9		112		159		271		369												

PG1、PG2、PG3、PG4见214页 See page 214 for PG1、PG2、PG3、PG4

直交轴齿轮箱 Bevel-helical Gear Units

热容量 Thermal Capacities

类型 TYPES EB3...

规格 SIZES 3...26

i		齿轮箱规格 Gear unit sizes																							
		3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26
		n=1200 r/min 额定热功率																							
12.5	PG1		39.7	52.1		80.7		103		132		152		173		*		*		*					
	PG2		75.6	106		169		230		356		457		620		777		*		*					
	PG3		85.5	138		243		359		508		795		1243		1491		*		*					
	PG4		115	184		321		472		697		1042		1577		1939		*		*					
14	PG1		38.8	51		79		101		134		161		181	186	*	*	*	*	*	*				
	PG2		73.5	103		163		223		350		465		603	645	758	838	*	*	*	*				
	PG3		82.9	133		234		349		497		801		1187	1257	1432	1570	*	*	*	*				
	PG4		111	178		309		457		683		1054		1513	1605	1871	2046	*	*	*	*				
16	PG1		37	49.5	57	75.7	87.5	100	110	129	147	151	174	185	186	189	*	*	*	*	*				
	PG2		70	99.5	113	156	178	218	240	334	384	426	492	597	621	758	774	*	*	*	*				
	PG3		78.8	128	142	223	248	338	382	473	620	728	824	1161	1201	1408	1438	*	*	*	*				
	PG4		105	171	190	294	326	444	496	648	823	958	1085	1486	1532	1849	1876	*	*	*	*				
18	PG1		36	48.1	55.5	73.6	84.8	97.7	102	129	149	155	180	185	193	191	205	*	*	*	*				
	PG2		67.9	96.5	110	151	173	211	222	328	386	432	498	575	617	734	811	*	*	*	*				
	PG3		76.3	123	136	214	241	326	351	463	621	732	829	1115	1183	1347	1483	*	*	*	*				
	PG4		102	166	183	284	317	429	457	635	825	967	1093	1424	1510	1775	1942	*	*	*	*				
20	PG1	30.5	34	46.4	53.7	70.9	81.2	94.3	106	124	141	149	168	185	191	194	198	211	*	*	*	*		*	
	PG2	44.4	64.1	92.6	106	145	165	202	228	314	360	406	456	557	593	711	749	865	*	920	*	*		*	
	PG3		72.2	119	132	205	227	312	359	441	574	685	754	1070	1124	1296	1352	*	*	*	*	*		*	
	PG4		96.9	159	176	270	300	412	469	605	764	905	995	1370	1440	1710	1780	*	*	*	*	*		*	
22.4	PG1	30.3	33.3	45.8	52.3	68.9	79.4	92.5	98.9	120	144	147	174	187	192	201	202	222	226	*	*	*	*	*	*
	PG2	44.4	62.4	91.1	103	140	160	198	210	298	361	387	462	544	574	698	725	850	888	910	920	*	*	*	*
	PG3		70.2	117	128	198	220	303	329	409	573	639	761	1013	1076	1240	1296	*	*	*	*	*	*	*	*
	PG4		94.5	158	171	260	290	399	429	565	764	847	1005	1304	1383	1644	1712	*	*	*	*	*	*	*	*
25	PG1	28.3	31.8	43.7	50.6	67.4	77.1	89.7	96.4	117	142	144	170	189	202	208	219	241	250	*	*	*	*	*	*
	PG2	41.5	59.1	86.2	99	135	153	188	202	281	346	367	435	513	563	662	718	826	880	889	926	*	*	*	*
	PG3		66.1	110	122	188	211	282	316	375	545	587	710	916	1023	1128	1242	*	*	*	*	*	*	*	*
	PG4		89	147	163	249	279	371	411	519	730	783	941	1186	1322	1505	1654	*	*	*	*	*	*	*	*
28	PG1	27.6	30.7	42.6	50.3	64.8	75.5	86.8	95.6	114	140	143	170	195	204	222	227	257	269	244	*	*	*	*	*
	PG2	40.2	56.6	83	97.5	127	148	179	197	269	332	350	417	503	531	656	682	800	854	868	906	*	*	*	*
	PG3		62.4	104	121	174	204	261	305	349	508	545	660	879	926	1091	1130	*	*	*	*	*	*	*	*
	PG4		84.2	139	162	231	268	346	400	486	682	731	881	1145	1204	1465	1513	*	*	*	*	*	*	*	*
31.5	PG1	26.0	29.1	40.6	47.8	62	73.4	83.9	92.4	111	135	140	165	191	208	221	236	260	279	257	256	*	*	*	*
	PG2	37.9	53.7	78.5	92.1	121	143	170	188	254	312	333	393	473	521	619	673	760	824	822	881	*	*	*	*
	PG3		58.5	97.5	114	162	194	245	283	324	464	505	605	796	887	998	1093	*	*	*	*	*	*	*	*
	PG4		78.9	130	153	216	255	324	372	453	627	680	811	1044	1161	1345	1471	*	*	*	*	*	*	*	*
35.5	PG1	25.1	27.5	38.4	46.3	59.2	70.2	80.3	88.8	108	131	137	160	189	201	221	232	265	277	265	263	*	*	*	*
	PG2	35.6	50.2	73.6	88.6	114	136	161	178	244	296	321	375	457	487	599	633	739	779	798	830	*	*	*	*
	PG3		53.8	89.3	107	151	180	224	264	307	433	480	564	757	807	949	999	*	*	*	*	*	*	*	*
	PG4		72.7	120	144	200	238	298	347	428	584	648	758	996	1059	1286	1351	*	*	*	*	*	*	*	*
40	PG1	22.1	24	33.5	44.1	52	67.3	75.4	85.2	102	125	130	155	182	197	215	230	258	277	262	266	*	*	*	*
	PG2	31.3	43.7	63.5	83.8	99.6	128	150	170	229	279	302	355	430	470	568	611	698	754	753	804	*	*	*	*
	PG3		45.3	74.3	100	125	168	202	247	282	401	442	525	698	765	883	949	*	*	*	*	*	*	*	*
	PG4		61.3	100	135	166	222	270	325	395	542	599	706	923	1009	1200	1289	*	*	*	*	*	*	*	*
45	PG1	21.8	23.5	32.7	41.5	50.6	64	69.6	81.3	95	121	122	150	171	189	204	224	247	270	251	263	*	*	*	*
	PG2	30.6	42.6	61.8	78.4	96.1	121	137	160	210	268	276	341	397	444	526	581	650	712	698	758	*	*	*	*
	PG3		44	71.6	92.3	120	155	182	226	253	378	396	496	628	706	801	888	*	*	*	*	*	*	*	*
	PG4		59.7	96.7	124	159	205	243	299	357	515	535	671	832	934	1090	1205	*	*	*	*	*	*	*	*
50	PG1	21.3	23.8	32.7	36.4	50.3	56.6	69.1	77	96.6	116	126	146	182	182	221	218	257	266	293	269	*	*	*	*
	PG2	30.2	42.9	61.1	68	94.5	105	133	150	207	251	278	321	402	411	539	542	631	669	744	712	*	*	*	*
	PG3		44	69.7	77	116	129	174	205	247	348	392	459	631	636	809	807	*	*	*	*	*	*	*	*
	PG4		59.4	94.3	103	154	172	234	272	346	472	535	623	834	845	1101	1101	*	*	*	*	*	*	*	*
56	PG1	19.0	22	30.2	35.7	47	55.2	64.3	71.5	88.9	108	118	136	171	191	210	233	256	272	293	307	*	*	*	*
	PG2	26.8	39.4	56.5	66.3	87.9	102	124	137	188	232	254	294	369	415	497	553	611	645	708	755	*	*	*	*
	PG3		39.6	62.8	74.3	105	123	156	185	219	311	351	408	565	638	728	811	*	*	*	*	*	*	*	*
	PG4		53.9	85.4	100	141	165	210	245	308	426	478	558	748	846	994	1107	*	*	*	*	*	*	*	*
63	PG1	19.0	21.2	29.1	35.5	45.5	54.6	62.2	70.4	86.1	108	114	139	165	177	204	217	251	266	289	297	*	*	*	*
	PG2	26.0	38	54.3	65.5	84.9	100	119	134	180	227	244	296	352	378	475	507	589	622	686	712	*	*	*	*
	PG3		37.5	59.3	72.4	100	120	147	177	206	302	330	407	529	568	685	731	*	*	*	*	*	*	*	*
	PG4		51	80.8	98	134	161	199	234	291	411	452	553	703	757	941	997	*	*	*	*	*	*	*	*
71	PG1	17.7	19.6	27.7	32.8	43.3	50.8	58.3	65.3	79.9	99.8	108	128	158	170	194	210	239	259	275	292	*	*	*	*
	PG2	23.9	35.3	51.6	60.3	80.9	93.6	112	124	167	206	229	269	333	362	446	484	553	600	643	689	*	*	*	*
	PG3		34.1	54.9	65.4	92.5	109	133	159	185	267	298	364	487	535	633	690	*	*	*	*	*	*	*	*
	PG4		46.6	75.1	88.8	125	146	181	211	262	367	410	495	651	713	869	945	*	*	*	*	*	*	*	*
80	PG1				31.4		49.1		63.1		95.5		123		163		200		247		278		*		*
	PG2				58.1		90.5		120		198		259		343		454		563		647		*		*
	PG3				61.7		103		149		250		342		492		634		*		*		*		*
	PG4				83.9		139		200		345		468		658		873		*		*		*		*
90	PG1				30		46.8		59.3		89.2		115												
	PG2				55.2		86.1		112		184		242												
	PG3				57.2		96.1		135		224		309												
	PG4				78.2		129		183		311		425												

PG1、PG2、PG3、PG4见214页 See page 214 for PG1、PG2、PG3、PG4

直交轴齿轮箱 Bevel-helical Gear Units

热容量 Thermal Capacities

类型 TYPES EB3...

规格 SIZES 3...26

i		齿轮箱规格 Gear unit sizes																							
		3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26
		n=1500 r/min 额定热功率																							
12.5	PG1		39.4	50.4		76.7		95.4		112		*		*		*		*		*					
	PG2		84.8	118		186		250		377		468		602		728		*		*					
	PG3		94.7	151		265		390		542		831		1261		1484		*		*					
	PG4		131	209		362		529		768		1126		1652		1991		*		*					
14	PG1		38.6	49.6		75.7		95.2		117		127		*	*	*	*	*	*	*					
	PG2		82.6	114		180		244		374		482		598	631	728	792	*	*	*	*				
	PG3		91.9	146		257		380		533		843		1217	1280	1443	1569	*	*	*	*				
	PG4		127	202		350		514		756		1147		1603	1688	1947	2110	*	*	*	*				
16	PG1		36.8	48.3	55.4	72.9	83.3	94.3	103	114	125	122	138	*	*	*	*	*	*	*	*				
	PG2		78.96	110	126	172	196	239	262	358	407	445	511	597	615	737	741	*	*	*	*				
	PG3		87.4	141	157	244	272	369	415	508	662	769	868	1196	1230	1429	1447	*	*	*	*				
	PG4		121	195	216	334	369	500	558	719	907	1047	1181	1583	1621	1937	1949	*	*	*	*				
18	PG1		35.9	47.2	54.1	71.1	81.1	92.5	96.3	115	129	128	146	*	*	*	*	*	*	*	*				
	PG2		76.4	107	122	167	191	232	243	353	411	454	520	581	617	722	787	*	*	*	*				
	PG3		84.7	136	150	235	265	357	383	499	665	777	877	1155	1219	1375	1503	*	*	*	*				
	PG4		117	189	208	322	359	485	514	707	913	1060	1195	1525	1608	1872	2033	*	*	*	*				
20	PG1	31.6	34	45.6	52.6	68.8	78	89.8	100	112	124	126	140	*	*	*	*	*	*	*	*		*		*
	PG2	49.3	72.1	103	118	161	182	223	251	339	385	428	480	568	599	708	736	839	*	813	*		*		*
	PG3		80.1	131	145	225	249	342	392	476	616	729	800	1114	1165	1332	1379	*	*	*	*		*		*
	PG4		111	181	201	307	340	466	529	676	848	996	1092	1475	1542	1815	1876	*	*	*	*		*		*
22.4	PG1	31.4	33.3	45.1	51.4	67.2	76.7	88.6	93.9	110	128	126	148	*	*	*	*	*	*	*	*	*	*	*	*
	PG2	49.3	70.3	101	115	155	177	218	231	324	388	412	489	559	586	702	722	836	864	824	793	*	*	*	*
	PG3		77.9	130	142	218	242	332	360	443	617	683	811	1061	1121	1282	1332	*	*	*	*	*	*	*	*
	PG4		108	180	195	296	330	452	485	632	850	936	1107	1412	1490	1756	1818	*	*	*	*	*	*	*	*
25	PG1	29.4	31.9	43.3	50.1	66.2	75.2	86.9	92.8	109	130	128	150	153	160	*	*	*	*	*	*	*	*	*	*
	PG2	46.0	66.7	96.6	110	151	170	209	223	307	375	395	466	537	585	681	732	833	881	841	844	*	*	*	*
	PG3		73.6	122	135	208	232	310	347	408	590	632	762	970	1078	1181	1294	*	*	*	*	*	*	*	*
	PG4		102	168	186	284	317	422	466	584	817	870	1045	1297	1440	1629	1780	*	*	*	*	*	*	*	*
28	PG1	28.7	30.9	42.5	50	64.1	74.4	85	93.1	109	131	131	155	168	172	183	182	200	*	*	*	*	*	*	*
	PG2	44.6	63.9	93.3	109	143	165	199	220	296	363	380	452	535	562	689	711	828	878	855	869	*	*	*	*
	PG3		69.4	116	134	193	225	288	336	382	554	590	715	939	987	1157	1193	*	*	*	*	*	*	*	*
	PG4		96.7	159	185	264	306	395	455	549	767	819	985	1265	1326	1605	1650	*	*	*	*	*	*	*	*
31.5	PG1	27.0	29.4	40.7	47.8	61.7	72.7	82.7	90.7	106	129	131	154	170	183	190	199	216	227	*	*	*	*	*	*
	PG2	42.0	60.7	88.5	103	136	160	190	210	282	344	365	430	508	558	658	712	799	863	831	871	*	*	*	*
	PG3		65.2	108	126	180	215	271	312	356	508	550	658	857	952	1067	1165	*	*	*	*	*	*	*	*
	PG4		90.8	149	175	247	292	370	424	514	709	766	912	1162	1288	1487	1620	*	*	*	*	*	*	*	*
35.5	PG1	26.7	27.8	38.6	46.4	59.1	69.8	79.6	87.7	105	125	130	151	173	181	196	203	228	235	*	*	*	*	*	*
	PG2	39.6	56.8	83	99.8	129	152	181	199	271	328	353	412	495	526	644	677	786	825	821	839	*	*	*	*
	PG3		59.9	99.3	119	167	200	248	292	338	475	524	615	819	871	1021	1071	*	*	*	*	*	*	*	*
	PG4		83.7	138	166	229	272	341	396	487	661	732	855	1114	1181	1429	1498	*	*	*	*	*	*	*	*
40	PG1	23.5	24.3	33.7	44.3	52	67.1	75	84.4	100	121	125	147	168	180	194	204	226	240	208	*	*	*	*	*
	PG2	34.7	49.4	71.6	94.6	112	144	168	191	255	310	334	392	469	510	614	657	747	805	783	822	*	*	*	*
	PG3		50.5	82.7	111	138	187	224	274	310	440	484	574	758	829	954	1022	*	*	*	*	*	*	*	*
	PG4		70.6	115	155	191	254	309	372	449	616	678	798	1035	1129	1339	1434	*	*	*	*	*	*	*	*
45	PG1	23.2	23.8	32.9	41.8	50.8	64	69.4	80.8	93.2	118	117	144	160	176	187	203	221	240	207	206	*	*	*	*
	PG2	34.0	48.3	69.8	88.5	108	137	154	180	234	298	306	377	434	484	572	629	700	765	733	785	*	*	*	*
	PG3		49	79.7	102	133	172	202	251	280	417	435	544	684	768	868	960	*	*	*	*	*	*	*	*
	PG4		68.7	111	142	183	236	279	342	407	585	607	760	936	1049	1221	1346	*	*	*	*	*	*	*	*
50	PG1	22.7	24.2	33	36.8	50.7	56.9	69.3	77	95.8	115	124	142	174	174	210	204	240	247	260	232	*	*	*	*
	PG2	33.6	48.7	69.2	76.9	106	119	151	169	232	281	310	358	445	453	593	594	690	730	799	757	*	*	*	*
	PG3		49.1	77.7	85.8	129	144	194	228	274	384	433	506	692	696	884	880	*	*	*	*	*	*	*	*
	PG4		68.5	108	119	177	197	269	312	396	539	610	709	944	956	1242	1240	*	*	*	*	*	*	*	*
56	PG1	20.3	22.4	30.7	36.2	47.5	55.7	64.8	72	88.9	108	117	135	167	186	203	225	245	260	271	279	*	*	*	*
	PG2	29.7	44.8	64	75.1	99.5	116	140	155	211	260	285	330	411	461	552	612	675	712	772	818	*	*	*	*
	PG3		44.2	70.1	82.9	117	138	174	206	243	345	389	451	622	702	800	891	*	*	*	*	*	*	*	*
	PG4		62.1	98.3	115	162	190	241	281	354	488	547	637	852	962	1128	1255	*	*	*	*	*	*	*	*
63	PG1	20.6	21.6	29.5	36	46.1	55.2	62.8	71	86.3	108	114	138	162	173	199	211	243	256	272	275	*	*	*	*
	PG2	28.8	43.2	61.6	74.2	96.2	114	135	151	203	255	275	332	393	422	529	563	654	689	752	776	*	*	*	*
	PG3		41.9	66.2	80.8	111	134	164	197	229	335	366	451	585	627	755	805	*	*	*	*	*	*	*	*
	PG4		58.9	93	112	154	185	229	269	334	471	517	633	802	862	1071	1133	*	*	*	*	*	*	*	*
71	PG1	19.1	20	28.2	33.3	43.9	51.4	59	65.9	80.2	99.9	107	127	155	167	190	205	232	251	261	273	*	*	*	*
	PG2	26.5	40	58.5	68.4	91.7	106	126	140	189	232	258	302	372	404	498	539	615	666	707	754	*	*	*	*
	PG3		38	61.3	73	103	122	148	177	206	297	331	404	538	591	698	760	*	*	*	*	*	*	*	*
	PG4		53.7	86.5	102	143	168	209	243	301	421	469	567	743	813	990	1075	*	*	*	*	*	*	*	*
80	PG1				31.9		49.7		63.8		95.8		123		161		196		240		262		*		*
	PG2				65.9		102		136		224		291		384		507		626		710		*		*
	PG3				68.8		115		167		278		379		544		700		*		*		*		*
	PG4				96.7		160		231		396		536		751		994		*		*		*		*
90	PG1				30.5		47.4		60		89.6		115												
	PG2				62.7		97.6		127		208		273												
	PG3				63.8		107		151		249		343												
	PG4				90.1		149		210		357		487												

PG1、PG2、PG3、PG4见214页 See page 214 for PG1、PG2、PG3、PG4

直交轴齿轮箱 Bevel-helical Gear Units

热容量 Thermal Capacities

类型 TYPES EB3...

规格 SIZES 3...26

i		齿轮箱规格 Gear unit sizes																							
		3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26
		n=1800 r/min 额定热功率																							
12.5	PG1		39	48		70.4		82.9		*		*		*		*		*		*					
	PG2		93.5	128		201		267		388		461		548		622		*		*					
	PG3		103	165		288		420		574		863		1271		1465		*		*					
	PG4		148	234		403		585		835		1199		1704		2009		*		*					
14	PG1		38.4	47.7		70.6		84.9		*		*		*	*	*	*	*	*	*	*				
	PG2		91.2	125		196		262		390		483		561	581	650	687	*	*	*	*				
	PG3		100	160		279		410		568		882		1240	1296	1445	1556	*	*	*	*				
	PG4		143	226		390		570		826		1231		1674	1750	1996	2141	*	*	*	*				
16	PG1		36.8	46.7	53.1	68.5	76.8	85.1	90.8	89.8	*	*	*	*	*	*	*	*	*	*	*				
	PG2		86.9	121	138	187	212	258	281	375	419	450	513	568	575	671	658	*	*	*	*				
	PG3		95.9	154	171	266	295	399	448	542	701	807	909	1226	1252	1440	1446	*	*	*	*				
	PG4		136	218	241	372	410	555	618	787	986	1128	1268	1662	1691	2000	1994	*	*	*	*				
18	PG1		35.9	45.9	52.2	67.4	75.5	84.4	86.1	93.1	*	*	*	*	*	*	*	*	*	*	*				
	PG2		84.5	118	134	182	207	250	261	371	426	462	527	560	586	669	714	*	*	*	*				
	PG3		93	149	164	256	287	386	414	534	706	819	921	1190	1248	1395	1513	*	*	*	*				
	PG4		132	212	233	360	400	539	570	776	995	1146	1289	1610	1687	1946	2096	*	*	*	*				
20	PG1	32.7	34.1	44.5	51	65.7	73.3	82.9	90.8	93.3	96	*	*	*	*	*	*	*	*	*	*		*		*
	PG2	54.2	79.9	113	129	175	198	241	270	358	401	440	489	555	577	668	681	761	*	622	*		*		*
	PG3		88	143	159	246	271	371	425	511	657	771	844	1154	1199	1360	1399	*	*	*	*		*		*
	PG4		125	203	225	344	379	519	588	743	926	1081	1182	1566	1628	1900	1949	*	*	*	*		*		*
22.4	PG1	32.5	33.6	44.3	50.1	64.6	72.7	82.7	86.2	93.7	102	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	PG2	54.2	77.9	112	126	170	193	237	250	343	407	426	503	554	573	673	681	774	789	661	576	*	*	*	*
	PG3		85.7	142	155	238	263	361	390	476	659	725	858	1104	1161	1318	1360	*	*	*	*	*	*	*	*
	PG4		122	202	219	331	368	504	539	697	932	1019	1203	1507	1582	1851	1902	*	*	*	*	*	*	*	*
25	PG1	30.5	32.3	43	49.4	64.6	72.5	82.8	87.2	97.2	110	102	116	*	*	*	*	*	*	*	*	*	*	*	*
	PG2	50.5	74.1	106	122	165	186	228	243	329	398	414	486	544	587	674	714	803	840	732	688	*	*	*	*
	PG3		80.9	134	148	227	254	337	377	440	634	675	813	1020	1128	1229	1339	*	*	*	*	*	*	*	*
	PG4		115	189	209	319	355	471	520	647	901	954	1143	1399	1546	1738	1890	*	*	*	*	*	*	*	*
28	PG1	29.8	31.4	42.6	49.9	63.4	72.9	82.5	89.4	100	117	112	130	*	*	*	*	*	*	*	*	*	*	*	*
	PG2	49.0	71.1	103	121	157	182	218	240	320	390	404	479	554	577	700	716	826	869	794	773	*	*	*	*
	PG3		76.5	127	147	211	246	315	367	414	598	635	767	998	1044	1218	1251	*	*	*	*	*	*	*	*
	PG4		109	179	209	296	344	442	509	611	851	903	1085	1378	1440	1734	1776	*	*	*	*	*	*	*	*
31.5	PG1	28.0	30.1	41	48	61.6	72	81.3	88.4	100	118	116	135	137	142	*	*	*	*	*	*	*	*	*	*
	PG2	46.1	67.6	98.1	114	150	177	209	230	306	371	391	460	534	582	681	731	814	874	802	815	*	*	*	*
	PG3		71.8	119	139	198	236	297	341	387	551	594	710	916	1015	1133	1233	*	*	*	*	*	*	*	*
	PG4		102	169	197	278	328	415	476	573	788	849	1009	1274	1409	1619	1759	*	*	*	*	*	*	*	*
35.5	PG1	28.3	28.5	39.1	46.9	59.4	69.7	78.9	86.3	100	118	119	137	146	149	155	155	*	*	*	*	*	*	*	*
	PG2	43.6	63.3	92.1	110	142	168	199	219	296	356	381	443	525	555	674	705	813	849	913	810	*	*	*	*
	PG3		66.1	109	131	184	219	272	320	369	516	568	666	880	933	1091	1141	*	*	*	*	*	*	*	*
	PG4		94.6	155	187	258	306	384	445	544	738	814	949	1228	1299	1566	1636	*	*	*	*	*	*	*	*
40	PG1	24.9	25	34.2	44.9	52.4	67.2	74.7	83.6	97	115	116	136	146	153	160	164	175	*	*	*	*	*	*	*
	PG2	38.1	55.1	79.6	105	124	160	186	211	279	337	362	424	500	541	647	690	779	836	786	808	*	*	*	*
	PG3		55.7	91	123	152	205	246	300	339	480	526	623	816	891	1022	1092	*	*	*	*	*	*	*	*
	PG4		79.8	129	175	215	286	348	418	503	688	755	888	1144	1245	1472	1572	*	*	*	*	*	*	*	*
45	PG1	24.6	24.5	33.5	42.5	51.3	64.4	69.5	80.4	90.8	113	110	134	142	154	159	169	179	190	*	*	*	*	*	*
	PG2	37.4	53.9	77.7	98.4	120	151	170	199	257	326	333	409	465	517	607	665	737	801	746	785	*	*	*	*
	PG3		54.1	87.8	113	147	190	222	275	306	454	473	592	739	828	933	1029	*	*	*	*	*	*	*	*
	PG4		77.7	125	161	206	265	314	384	457	655	677	847	1037	1160	1346	1481	*	*	*	*	*	*	*	*
50	PG1	24.1	24.9	33.9	37.7	51.7	57.8	70.2	77.7	95.2	113	120	138	163	161	191	184	212	216	206	*	*	*	*	*
	PG2	37.0	54.4	77.1	85.7	118	132	167	188	256	310	340	392	483	491	640	639	739	780	837	783	*	*	*	*
	PG3		54.2	85.7	94.6	142	158	213	250	300	421	473	552	752	755	958	951	*	*	*	*	*	*	*	*
	PG4		77.5	122	135	200	223	303	352	445	606	684	794	1053	1064	1380	1376	*	*	*	*	*	*	*	*
56	PG1	21.6	23.1	31.6	37.2	48.7	57	66.1	73.2	89.4	108	116	133	161	179	193	211	229	240	236	234	*	*	*	*
	PG2	32.6	50	71.4	83.7	110	129	156	173	234	288	314	363	450	504	601	665	731	771	823	866	*	*	*	*
	PG3		48.9	77.4	91.4	129	152	192	227	267	379	426	494	680	766	871	969	*	*	*	*	*	*	*	*
	PG4		70.3	111	130	183	215	272	318	398	549	614	716	954	1076	1260	1401	*	*	*	*	*	*	*	*
63	PG1	22.2	22.3	30.4	37.1	47.3	56.6	64.2	72.5	87.3	108	114	137	158	168	192	202	231	242	244	240	*	*	*	*
	PG2	31.6	48.3	68.7	82.9	107	127	150	168	226	283	303	367	431	463	579	615	712	750	808	828	*	*	*	*
	PG3		46.3	73.1	89.2	123	147	181	217	252	368	401	494	639	685	824	877	*	*	*	*	*	*	*	*
	PG4		66.7	105	127	174	210	259	304	377	531	582	712	899	966	1198	1267	*	*	*	*	*	*	*	*
71	PG1	20.5	20.7	29.1	34.3	45.2	52.7	60.4	67.4	81.3	100	107	127	153	163	184	198	222	239	238	243	*	*	*	*
	PG2	29.1	44.8	65.3	76.3	102	118	141	156	210	257	285	334	409	444	546	590	671	726	763	808	*	*	*	*
	PG3		42	67.7	80.6	113	134	163	195	226	327	363	443	589	647	763	830	*	*	*	*	*	*	*	*
	PG4		60.8	97.9	115	162	190	236	275	340	474	528	638	834	912	1109	1204	*	*	*	*	*	*	*	*
80	PG1				32.9		51.1		65.3		96.9		123		158		190		231		237		*		*
	PG2				73.6		114		151		248		323		423		556		684		764		*		*
	PG3				76		127		184		305		417		595		765		*		*		*		*
	PG4				109		182		261		447		604		843		1114		*		*		*		*
90	PG1				31.5		48.8		61.5		90.9		116												
	PG2				70		108		142		231		302												
	PG3				70.5		118		166		274		377												
	PG4				102		168		238		403		549												

PG1、PG2、PG3、PG4见214页 See page 214 for PG1、PG2、PG3、PG4

直交轴齿轮箱 Bevel-helical Gear Units

额定功率 Nominal Power Ratings

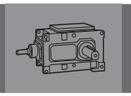
类型 TYPES EB4...

规格 SIZES 5...26

i	n1	n2	齿轮箱规格 Gear unit sizes																					
			5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26
			额定功率P_N (KW) Nominal power ratings P_N (KW)																					
80	1800	22.5	25		49		81		142		207		360		472		707*		990*		1319*		1885*	
	1500	18.8	21		41		68		119		173		300		393		590		825		1100		1571	
	1200	15	17		32		54		95		138		240		314		472		660		880		1256	
	1000	12.5	14		27		45		79		115		200		262		393		550		733		1047	
90	1800	20	23		43		72		126		184		320	362	418	502	628*	722*	878*	983*	1172*	1339*	1674*	1883*
	1500	16.7	20		36		60		105		153		267	302	348	419	524	602	732	819	977	1116	1395	1569
	1200	13.3	16		29		48		84		122		214	241	278	335	419	481	586	655	781	893	1116	1255
	1000	11.1	13		24		40		70		102		178	201	232	279	349	401	488	546	651	744	930	1046
100	1800	18	22	27	38	49	65	81	113	142	166	205	288	326	376	452	565*	650*	792*	886*	1055*	1206*	1508*	1696*
	1500	15	18	23	32	41	54	68	95	119	138	171	240	272	314	377	471	542	660	738	879	1005	1257	1413
	1200	12	14	18	25	32	43	54	76	95	110	137	192	217	251	301	377	433	528	590	703	804	1006	1130
	1000	10	12	15	21	27	36	45	63	79	92	114	160	181	209	251	314	361	440	492	586	670	838	942
112	1800	16.1	18.5	24.3	34	43	58	72	101	126	148	184	257	290	335	403	504*	580*	704*	788*	940*	1073*	1343*	1510*
	1500	13.4	15.5	20.3	29	36	48	60	84	105	123	153	215	242	279	336	420	483	587	657	783	894	1119	1259
	1200	10.7	12.4	16.2	23	29	38	48	67	84	98	122	172	193	223	269	336	386	469	526	626	715	895	1007
	1000	8.9	10.3	13.5	19	24	32	40	56	70	82	102	143	161	186	224	280	322	391	438	522	596	746	839
125	1800	14.4	17	22	31	38	50	65	90	113	133	164	230	261	302	362	452*	520*	634*	709*	844*	965*	1206*	1357*
	1500	12	14	18	26	32	42	54	75	95	111	137	192	218	252	302	377	434	528	591	704	804	1005	1131
	1200	9.6	11	14	20	25	34	43	60	76	89	109	154	174	202	241	301	347	422	473	563	643	804	905
	1000	8	9.2	12	17	21	28	36	50	63	74	91	128	145	168	201	251	289	352	394	469	536	670	754
140	1800	12.9	14.8	20	27	34	45	58	81	101	117	146	205	232	268	320	401*	461*	562*	628*	749*	857*	1071*	1204*
	1500	10.7	12.3	17	23	29	38	48	68	84	98	122	171	194	224	267	335	384	468	524	624	714	893	1004
	1200	8.6	9.8	13	18	23	30	38	54	67	78	97	137	155	179	214	268	307	374	419	499	571	714	803
	1000	7.1	8.2	11	15	19	25	32	45	56	65	81	114	129	149	178	223	256	312	349	416	476	595	669
160	1800	11.3	13	17.3	25	31	40	50	72	88	104	130	182	205	238	284	356*	410*	499*	558*	664*	760*	950*	1069*
	1500	9.4	11	14.4	21	26	33	42	60	74	87	108	152	171	198	237	297	342	416	465	554	633	792	891
	1200	7.5	8.8	11.5	17	20	26	34	48	59	70	86	121	137	158	190	238	274	332	372	443	506	634	713
	1000	6.3	7.3	9.6	14	17	22	28	40	49	58	72	101	114	132	158	198	228	277	310	369	422	528	594
180	1800	10	12	15	21.6	27	36	45	63	79	94	115	162	182	211	254	317*	364*	443*	497*	590*	675*	844*	950*
	1500	8.3	9.8	13	18	23	30	38	53	66	78	96	135	152	176	212	264	303	369	414	492	563	704	792
	1200	6.7	7.8	10.2	14.4	18	24	30	42	53	62	77	108	121	140	169	211	242	295	331	394	450	563	634
	1000	5.6	6.5	8.5	12.0	15	20	25	35	44	52	64	90	101	117	141	176	202	246	276	328	375	469	528
200	1800	9	10.4	14	20	24	32	41	56	70	83	103	144	164	189	227	283*	326*	396*	443*	527*	603*	754*	848*
	1500	7.5	8.7	11.4	16.5	20	27	35	47	59	69	86	120	137	158	189	236	272	330	369	440	503	629	707
	1200	6	7	9.1	13.2	16	22	28	37	47	55	68	96	109	126	151	188	217	264	295	352	402	503	565
	1000	5	5.8	7.6	11.0	13.4	18	23	31	39	46	57	80	91	105	126	157	181	220	246	293	335	419	471
224	1800	8	9.4	12.2	17.5	22	29	36	50	63	74	92	130	148	169	203	254*	293*	356*	398*	475*	544*	679*	763*
	1500	6.7	7.8	10.2	14.6	18	24	30	42	53	62	77	108	123	141	170	212	245	297	332	396	453	566	636
	1200	5.4	6.2	8.2	11.6	14	19	24	34	42	49	61	86	98	113	136	169	196	238	265	317	362	452	509
	1000	4.5	5.2	6.8	9.7	12	16	20	28	35	41	51	72	82	94	113	141	163	198	221	264	302	377	424
250	1800	7.2	8.3	11	15	20	25	32	45	56	67	83	115	130	151	182	227*	261*	317*	355*	423*	482*	603*	679*
	1500	6	6.9	9.2	12.9	16.5	21	27	38	47	56	69	96	108	126	152	189	218	264	296	353	402	503	566
	1200	4.8	5.5	7.3	10.3	13.2	17	22	30	37	44	55	77	86	101	121	151	174	211	236	282	322	402	452
	1000	4	4.6	6.1	8.6	11	14	18	25	31	37	46	64	72	84	101	126	145	176	197	235	268	335	377
280	1800	6.4	7.4	9.9	13.9	17.3	23	29	41	50	59	74	104	117	135	162	203*	234*	284*	319*	380*	434*	544*	610*
	1500	5.4	6.2	8.3	11.6	14.4	20	24	35	42	50	62	87	98	113	135	170	195	237	266	317	362	453	509
	1200	4.3	4.9	6.6	9.2	11.5	16	19	28	34	40	49	70	78	90	108	136	156	190	212	253	289	362	407
	1000	3.6	4.1	5.5	7.7	9.6	13	16	23	28	33	41	58	65	75	90	113	130	158	177	211	241	302	339
315	1800	5.7	6.7	8.8	12.4	15.3	20	25	36	45	52	67	92	104	121	144	182*	209*	254*	283*	338*	385*	482*	544*
	1500	4.8	5.6	7.4	10.4	12.8	17	21	30	38	44	56	77	87	101	120	152	174	212	236	282	321	402	453
	1200	3.8	4.4	5.9	8.3	10.2	13	17	24	30	35	44	61	70	80	96	121	139	169	188	226	257	322	362
	1000	3.2	3.7	4.9	6.9	8.5	11	14	20	25	29	37	51	58	67	80	101	116	141	157	188	214	268	302
355	1800	5.1		7.7		13.5		23		40		58		92		126		182*		248*		338*		475*
	1500	4.2		6.5		11.3		20		33		48		77		105		152		207		282		396
	1200	3.4		5.2		9		16		26		38		61		84		121		166		226		317
	1000	2.8		4.3		7.5		13		22		32		51		70		101		138		188		264
400	1800	4.5		6.8		12.1		20		36		52												
	1500	3.8		5.7		10.1		17		30		44												
	1200	3		4.6		8		14		24		35												
	1000	2.5		3.8		6.7		11.3		20		29												

卧式安装尺寸箱要采用强制润滑。 Forced lubrication required on horizontal gear units.

制造商保留修改的权限 Manufacturer reserves modify permissions



直交轴齿轮箱 Bevel-helical Gear Units

热容量 Thermal Capacities

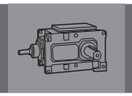
类型 TYPES EB4...

规格 SIZES 5...26

i		齿轮箱规格 Gear unit sizes																					
		5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26
		n=1000 r/min 额定热功率																					
80	PG1	28.6		42.4		60		90.6		121		162		183		250		351		*		*	
90	PG1	27.9		41		58.6		87.9		118		155	167	175	188	240	256	339	355	*	*	*	*
100	PG1	26.6	30.6	38.8	45.3	55.6	60.4	84.4	101	112	130	146	160	164	180	227	246	319	344	*	*	*	*
112	PG1	25.6	29.9	37.4	44	53.5	59	80.4	97.6	107	126	139	151	157	169	216	232	309	322	*	*	*	*
125	PG1	24.5	28.6	35.7	41.6	51	56	77	93.2	102	119	132	144	149	161	205	221	291	313	*	*	*	*
140	PG1	23.4	27.5	33.9	40.1	48.1	53.9	72.8	88.8	94.6	114	128	137	144	154	198	211	281	294	*	*	*	*
160	PG1	21.5	26.3	30.9	38.2	44	51.3	66.4	85.1	92.4	110	121	132	136	148	187	203	265	284	*	*	*	*
180	PG1	21.1	24.1	30.1	36.4	42.9	48.7	64.6	80.6	87.2	103	114	124	128	139	175	191	248	269	*	*	*	*
200	PG1	20.4	23.1	29.9	33.2	42	44.6	63.2	73.6	85.2	98.5	112	117	126	132	174	179	240	251	*	*	*	*
224	PG1	19	22.7	27.8	32.4	39.3	43.4	59.4	71.8	79.9	93.2	105	116	117	130	163	179	224	243	*	*	*	*
250	PG1	18.5	21.8	26.9	32.1	37.9	42.5	57.5	70.1	77.3	90.6	102	108	114	122	158	168	217	227	*	*	*	*
280	PG1	17.6	20.4	25.2	30	36.1	39.8	55	65.8	73	85.2	95	104	107	117	148	161	207	220	*	*	*	*
315	PG1	16.5	19.8	23.6	28.8	33.9	38.4	51.3	63.7	69.6	82.4	89.7	98.5	101	110	140	153	193	210	*	*	*	*
355	PG1		19		27.1		36.6		60.8		77.8		92.4		104		144		196		*		*
400	PG1		17.7		25.4		34.5		56.7		74.1												

i		齿轮箱规格 Gear unit sizes																					
		5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26
		n=1200 r/min 额定热功率																					
80	PG1	30.5		45.1		63.5		94.9		125		165		183		248		334		*		*	
90	PG1	29.9		43.7		62.2		92.3		123		159	170	176	189	240	255	327	336	*	*	*	*
100	PG1	28.5	32.7	41.4	48.2	59.1	64.1	88.9	106	117	135	150	163	167	182	228	247	311	330	*	*	*	*
112	PG1	27.5	32	39.9	46.9	56.9	62.7	84.9	102	112	132	144	155	161	173	219	235	306	314	*	*	*	*
125	PG1	26.3	30.6	38.2	44.4	54.4	59.7	81.5	98.4	108	125	138	149	154	166	210	226	291	309	*	*	*	*
140	PG1	25.1	29.5	36.3	42.9	51.4	57.5	77.3	94.1	103	120	134	143	149	159	204	217	284	294	*	*	*	*
160	PG1	23.1	28.2	33.2	41	47	54.9	70.7	90.4	97.8	116	127	138	142	155	194	210	271	288	*	*	*	*
180	PG1	22.7	27	32.4	39	46	52.2	69	85.9	92.8	110	120	131	135	146	183	200	256	276	*	*	*	*
200	PG1	21.9	24.9	32.1	35.7	45.1	47.8	67.7	78.7	91	105	119	125	134	140	183	189	251	261	*	*	*	*
224	PG1	20.4	24.4	30	34.9	42.3	46.7	63.8	77	85.6	99.8	112	123	125	138	174	190	237	256	*	*	*	*
250	PG1	20	23.5	29	34.6	40.8	45.8	61.9	75.4	83.1	97.4	109	116	122	131	169	180	232	243	*	*	*	*
280	PG1	19	22	27.2	32.3	39	43	59.3	71	78.8	92	102	113	115	127	160	174	224	237	*	*	*	*
315	PG1	17.8	21.4	25.5	31.1	36.6	41.5	55.4	68.7	75.2	89	96.9	106	109	119	152	165	209	227	*	*	*	*
355	PG1		20.5		29.2		39.6		65.6		84		99.7		113		155		211		*		*
400	PG1		19.1		27.4		37.3		61.2		80												

PG1:不带辅助冷却装置 PG1：Without auxiliary cooling



直交轴齿轮箱 Bevel-helical Gear Units

热容量 Thermal Capacities

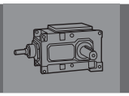
类型 TYPES EB4...

规格 SIZES 5...26

i		齿轮箱规格 Gear unit sizes																					
		5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26
		n=1500 r/min 额定热功率																					
80	PG1	31.7		46.9		66.1		98.6		130		171		189		256		343		*		*	
90	PG1	31.1		45.5		64.7		95.9		128		164	175	183	195	248	264	337	345	*	*	*	*
100	PG1	29.6	34	43.1	50.2	61.5	66.7	92.4	110	121	140	156	169	173	188	236	255	321	339	*	*	*	*
112	PG1	28.6	33.3	41.5	48.8	59.2	65.3	88.3	106	116	137	149	161	167	179	227	243	315	323	*	*	*	*
125	PG1	27.4	31.8	39.7	46.2	56.6	62.1	84.8	102	112	130	143	155	159	172	218	234	300	318	*	*	*	*
140	PG1	26.1	30.7	37.8	44.6	53.5	59.9	80.4	97.8	107	125	139	148	155	165	211	225	294	304	*	*	*	*
160	PG1	24.1	28.4	34.5	42.7	49	57.2	73.6	94.1	101	121	132	143	147	160	202	218	281	298	*	*	*	*
180	PG1	23.6	28.1	33.7	40.7	47.9	54.3	71.8	89.3	96.5	114	125	136	140	152	190	208	266	286	*	*	*	*
200	PG1	22.8	25.9	33.5	37.2	47	49.8	70.5	81.9	94.7	109	124	130	139	146	191	196	260	271	*	*	*	*
224	PG1	21.3	25.4	31.2	36.4	44	48.6	66.5	80.2	89.1	104	117	128	130	144	181	198	246	266	*	*	*	*
250	PG1	20.8	24.5	30.2	36	42.5	47.8	64.5	78.6	86.6	101	114	120	127	136	176	187	241	252	*	*	*	*
280	PG1	19.8	22.9	28.4	33.7	40.6	44.8	61.8	74	82.1	95.9	106	117	120	132	167	182	233	247	*	*	*	*
315	PG1	18.6	22.3	26.6	32.4	38.2	43.2	57.8	71.6	78.4	92.7	100	110	113	124	158	172	217	236	*	*	*	*
355	PG1		21.3		30.4		41.2		68.4		87.6		103		117		162		220		*		*
400	PG1		19.9		28.6		38.9		63.8		83.4												

i		齿轮箱规格 Gear unit sizes																					
		5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26
		n=1800 r/min 额定热功率																					
80	PG1	33		48.6		68.1		100		130		168		184		245		312		*		*	
90	PG1	32.3		47.2		66.8		97.9		129		163	173	178	190	239	253	311	311	*	*	*	*
100	PG1	30.9	35.4	44.8	52	63.6	68.8	94.7	112	123	142	155	168	170	185	230	247	301	312	*	*	*	*
112	PG1	29.8	34.7	43.2	50.6	61.4	67.5	90.7	109	118	139	150	161	165	177	223	238	300	302	*	*	*	*
125	PG1	28.5	33.2	41.4	48	58.8	64.3	87.3	105	114	133	144	155	160	171	216	231	290	303	*	*	*	*
140	PG1	27.3	32	39.4	46.5	55.6	62.2	83.1	100	109	128	141	150	156	166	212	224	288	294	*	*	*	*
160	PG1	25.2	30.7	36.1	44.5	51	59.5	76.2	97.2	104	124	135	146	150	162	204	220	278	292	*	*	*	*
180	PG1	24.7	29.4	35.2	42.5	50	56.6	74.6	92.6	99.8	118	129	140	143	155	194	211	266	285	*	*	*	*
200	PG1	23.9	27.1	35	38.9	49.1	52	73.4	85.2	98.3	113	128	134	143	150	196	201	264	274	*	*	*	*
224	PG1	22.3	26.7	32.7	38.1	46.1	50.9	69.5	83.7	92.9	108	121	133	135	149	187	205	253	273	*	*	*	*
250	PG1	21.8	25.7	31.7	37.8	44.6	50.1	67.6	82.3	90.6	106	119	126	133	142	184	195	251	262	*	*	*	*
280	PG1	20.9	24.1	29.8	35.4	42.7	47.1	65	77.7	86.3	100	112	123	126	139	175	191	245	260	*	*	*	*
315	PG1	19.5	23.5	27.9	34.1	40.1	45.4	60.7	75.2	82.3	97.4	106	116	119	131	166	180	228	248	*	*	*	*
355	PG1		22.4		32		43.3		71.8		92		109		123		170		231		*		*
400	PG1		21		30		40.8		67		87.6												

PG1:不带辅助冷却装置 PG1：Without auxiliary cooling



平行轴齿轮箱 Helical gear units

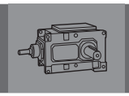
额定输出扭矩 Nominal Output Torques

类型 TYPES EH1...,EH2...,EH3...,EH4...

规格 SIZES 1...26

i_N	齿轮箱规格 Gear unit sizes																								
	1	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26
	额定输出转矩T_{2N}(KNm) Nominal Output Torques T_{2N}(KNm)																								
1.25	0.79	2.6		7		13.3		21.5																	
1.4	0.83	2.7		7.2		13.9		22.3																	
1.6	0.87	2.9		7.5		14.2		23.6		40		63													
1.8	0.91	2.4		7.7		15.2		24.4		41.4		66.3													
2.0	0.93	2.5		8.2		15.5		25		42.7		68.2		121											
2.24	0.96	2.5		8.4		15.5		25		44		70.3		122											
2.5	1	2.6		8.4		15.5		25		44		72		110											
2.8	1	2.7		8.4		14.9		23.7		44		72		113		171									
3.15	1	2.7		8.4		15.2		24.5		41.9		68.4		116		173									
3.55	1	2.8		8.3		15.5		24.9		43.7		69.6		118		173									
4.0	1	2.8		8.4		15.5		25		44		70.8		122		173		245							
4.5	0.82	2.2		6.7		13.8		21.4		40		57.6		102		146		216							
5.0	0.78	2.1		6.3		12		20.5		33.7		54.5		88.8		124		174							
5.6	0.62	2		6		11.4		17.5		31.8		51.8		84.5		118		150							
6.3		3.5	6.3	10.5		19		31.5		55.5		86		143		195		292							
7.1		3.5	6.3	10.5		19		31.5		55.5		86		143	160	195	230	292	335	410					
8.0		3.5	6.3	10.5	13.5	19	24	31.5	39.5	55.5	69	86	107	143	160	195	230	292	335	410	458				
9.0		3.5	6.3	10.5	13.5	19	24	31.5	39.5	55.5	69	86	107	143	160	195	230	292	335	410	458	540			
10		3.5	6.3	10.5	13.5	19	24	31.5	39.5	55.5	69	86	107	143	160	195	230	292	335	410	458	540	620		
11.2		3.5	6.3	10.5	13.5	19	24	31.5	39.5	55.5	69	86	107	143	160	195	230	292	335	410	458	540	620	780	
12.5		3.5	6.3	10.5	13.5	19	24	31.5	39.5	55.5	69	86	107	143	160	195	230	292	335	410	458	540	620	780	880
14		3.5	6.3	10.5	13.5	19	24	31.5	39.5	55.5	69	86	107	143	160	195	230	292	335	410	458	540	620	780	880
16		3.5	6.3	10.5	13.5	19	24	31.5	39.5	55.5	69	86	107	143	160	195	230	292	335	410	458	540	620	780	880
18		3.5	6.3	10.5	13.5	19	24	31.5	39.5	55.5	69	86	107	143	160	195	230	292	335	410	458	540	620	780	880
20		3.5	6.3	10.5	13.5	19	24	31.5	39.5	55.5	69	86	107	143	160	195	230	292	335	410	458	540	620	780	880
22.4		3.5	6.2	10.2	13.5	18.6	24	31	39.5	54.5	69	88	107	153	160	200	230	300	335	420	458	560	620	800	880
25				11	13.5	20.5	24	34	39.5	60	69	88	107	153	173	200	240	300	345	420	470	560	640	800	900
28				11	13	20.5	23.5	34	38.9	60	67.8	88	109	153	173	200	240	300	345	420	470	560	640	800	900
31.5				11	14.5	20.5	25.5	34	43	60	75	88	109	153	173	200	240	300	345	420	470	560	640	800	900
35.5				11	14.5	20.5	25.5	34	43	60	75	88	109	153	173	200	240	300	345	420	470	560	640	800	900
40				11	14.5	20.5	25.5	34	43	60	75	88	109	153	173	200	240	300	345	420	470	560	640	800	900
45				11	14.5	20.5	25.5	34	43	60	75	88	109	153	173	200	240	300	345	420	470	560	640	800	900
50				11	14.5	20.5	25.5	34	43	60	75	88	109	153	173	200	240	300	345	420	470	560	640	800	900
56				11	14.5	20.5	25.5	34	43	60	75	88	109	153	173	200	240	300	345	420	470	560	640	800	900
63				11	14.5	20.5	25.5	34	43	60	75	88	109	153	173	200	240	300	345	420	470	560	640	800	900
71				11	14.5	20.5	25.5	34	43	60	75	88	109	153	173	200	240	300	345	420	470	560	640	800	900
80				11	14.5	20.5	25.5	34	43	60	75	88	109	153	173	200	240	300	345	420	470	560	640	800	900
90				11	14.5	20	25.5	33.5	43	60	75	88	109	153	173	200	240	290	345	410	470	560	640	800	900
100					14.5	20.5	25.5	34	43	60	75	88	109	153	173	200	226	300	335	420	465	560	640	800	900
112					14.1	20.5	25.2	34	42	60	75	88	109	153	173	200	240	300	345	420	470	560	640	800	900
125						20.5	25.5	34	43	60	75	88	109	153	173	200	240	300	345	420	470	560	640	800	900
140						20.5	25.5	34	43	60	75	88	109	153	173	200	240	300	345	420	470	560	640	800	900
160						20.5	25.5	34	43	60	75	88	109	153	173	200	240	300	345	420	470	560	640	800	900
180						20.5	25.5	34	43	60	75	88	109	153	173	200	240	300	345	420	470	560	640	800	900
200						20.5	25.5	34	43	60	75	88	109	153	173	200	240	300	345	420	470	560	640	800	900
224						20.5	25.5	34	43	60	75	88	109	153	173	200	240	300	345	420	470	560	640	800	900
250						20.5	25.5	34	43	60	75	88	109	153	173	200	240	300	345	420	470	560	640	800	900
280						20.5	25.5	34	43	60	75	88	109	153	173	200	240	300	345	420	470	560	640	800	900
315						20.5	25.5	34	43	60	75	88	109	153	173	200	240	300	345	420	470	560	640	800	900
355						19.6	25.5	33	43	59	75	88	109	140	173	192	240	290	345	410	470	560	640	800	900
400							25.5		43		75		109		158		223		335		465		640		900
450							24.8		41.6		74		109												

EH1 EH2 EH3 EH4



直交轴齿轮箱 Bevel-helical Gear Units

额定输出扭矩 Nominal Output Torques

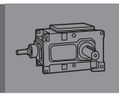
类型 TYPES EB2...EB3...EB4...

规格 SIZES 1...26

i_N	齿轮箱规格 Gear unit sizes																								
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26
	额定输出转矩T_{2N}(KNm) Nominal Output Torques T_{2N}(KNm)																								
5.0	1.15	2	3.1	5.8	9.4		17.8		28		43		66		122										
5.6	1.15	2	3.1	5.8	9.4		17.8		28		45		67		122	135	195								
6.3	1.15	2	3.1	5.8	9.4	12	17.8	22.3	28	35.6	47	55	71	82	130	141	195								
7.1	1.15	2	3.1	5.8	9.4	12	17.8	22.3	28	35.6	49	57	73	84	132	145	195	230							
8.0	1.15	2	3.1	5.8	9.4	12	17.8	22.3	28	35.6	50.5	59	77	88	132	148	195	230							
9.0	1.15	2	3.1	5.8	9.4	12	17.8	22.3	28	35.6	50.5	61	78	91	132	148	195	230							
10	1.15	2	3.1	5.8	9.4	12	17.8	22.3	28	35.6	50.5	62	78	95	132	148	195	230							
11.2	1.15	2	3.1	5.8	9.4	12	17.8	22.3	28	35.6	50.5	62	78	97.5	132	148	195	230							
12.5	1.15	2	3.1	5.5	9.4	12	17.0	22.3	28	35.6	50.5	62	78	97.5	132	148	195	230	250		340				
14	1.15	2	3.1	6	9.8	12	18.2	22.3	29.5	35.6	53	62	80	97.5	137	148	195	230	262	295	360	405			
16	1.1	1.95	3.1	6.2	10.2	12	19.1	21.5	31	35.6	56	62	83	97.5	142	154	200	230	275	308	380	422			
18	1.03	1.8	3	6.4	10.6	12.6	19.8	23.1	32.5	37.5	58	65	85	100	148	160	200	240	288	320	400	438			
20			3.6	6.6	11	13.2	20.5	23.9	34	39.3	60	68	88	103	153	167	200	240	300	332	420	455	560		800	
22.4			3.6	6.6	11	13.8	20.5	24.8	34	41	60	72	88	106	153	173	200	240	300	345	420	470	560	640	800	900
25			3.6	6.6	11	14.5	20.5	25.5	34	43	60	75	88	109	153	173	200	240	300	345	420	470	560	640	800	900
28			3.6	6.6	11	14.5	20.5	25.5	34	43	60	75	88	109	153	173	200	240	300	345	420	470	560	640	800	900
31.5			3.6	6.6	11	14.5	20.5	25.5	34	43	60	75	88	109	153	173	200	240	300	345	420	470	560	640	800	900
35.5			3.6	6.6	11	14.5	20.5	25.5	34	43	60	75	88	109	153	173	200	240	300	345	420	470	560	640	800	900
40			3.6	6.6	11	14.5	20.5	25.5	34	43	60	75	88	109	153	173	200	240	300	345	420	470	560	640	800	900
45			3.6	6.6	11	14.5	20.5	25.5	34	43	60	75	88	109	153	173	200	240	300	345	420	470	560	640	800	900
50			3.6	6.6	11	14.5	20.5	25.5	34	43	60	75	88	109	153	173	200	240	300	345	420	470	560	640	800	900
56			3.6	6.6	11	14.5	20.5	25.5	34	43	60	75	88	109	153	173	200	240	300	345	420	470	560	640	800	900
63			3.6	6.6	11	14.5	20	25.5	34	43	60	75	88	109	153	173	200	240	300	345	420	470	560	640	800	900
71			3.6	6.6	11	14.5	20	25.5	34	43	60	75	88	109	153	173	200	240	300	345	420	470	560	640	800	900
80					11	14	20.5	25.2	34	43	60	75	88	109	153	173	200	240	300	345	420	470	560	640	800	900
90					11	14	20.5	25.2	34	43	60	75	88	109	153	173	200	240	300	345	420	470	560	640	800	900
100					11	14.5	20.5	25.5	34	43	60	75	88	109	153	173	200	240	300	345	420	470	560	640	800	900
112					11	14.5	20.5	25.5	34	43	60	75	88	109	153	173	200	240	300	345	420	470	560	640	800	900
125					11	14.5	20.5	25.5	34	43	60	75	88	109	153	173	200	240	300	345	420	470	560	640	800	900
140					11	14.5	20.5	25.5	34	43	60	75	88	109	153	173	200	240	300	345	420	470	560	640	800	900
160					11	14.5	20.5	25.5	34	43	60	75	88	109	153	173	200	240	300	345	420	470	560	640	800	900
180					11	14.5	20.5	25.5	34	43	60	75	88	109	153	173	200	240	300	345	420	470	560	640	800	900
200					11	14.5	20.5	25.5	34	43	60	75	88	109	153	173	200	240	300	345	420	470	560	640	800	900
224					11	14.5	20.5	25.5	34	43	60	75	88	109	153	173	200	240	300	345	420	470	560	640	800	900
250					11	14.5	20.5	25.5	34	43	60	75	88	109	153	173	200	240	300	345	420	470	560	640	800	900
280					11	14.5	20.5	25.5	34	43	60	75	88	109	153	173	200	240	300	345	420	470	560	640	800	900
315					11	14.5	20.5	25.5	34	43	60	75	88	109	153	173	200	240	300	345	420	470	560	640	800	900
355						14.5		25.5		43		75		109		173		240		345		470		640		900
400						14.5		25.5		43		75		109												

EB2 EB3 EB4

EH/EB



平行轴齿轮箱 Helical gear units

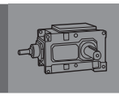
实际速比 Actual Ratios

类型 TYPES EH1...,EH2...,EH3...,EH4...

规格 SIZES 1...13

实际速比 i Actual ratios i													
i_N	齿轮箱规格 Gear unit sizes												
	1	2	3	4	5	6	7	8	9	10	11	12	13
1.25	1.250		1.243		1.256		1.263		1.270				
1.4	1.415		1.371		1.378		1.389		1.400				
1.6	1.605		1.594		1.588		1.606		1.625		1.636		1.588
1.8	1.829		1.829		1.839		1.774		1.800		1.806		1.839
2.0	2.000		2.000		2.034		1.966		2.000		2.000		2.034
2.24	2.194		2.194		2.259		2.308		2.231		2.222		2.259
2.5	2.536		2.536		2.520		2.583		2.500		2.480		2.520
2.8	2.808		2.808		2.826		2.800		2.741		2.783		2.826
3.15	3.125		3.125		3.190		3.130		3.208		3.080		3.208
3.55	3.500		3.500		3.591		3.524		3.591		3.478		3.591
4.0	3.950		3.950		4.050		4.000		4.050		3.905		4.050
4.5	4.476		4.435		4.619		4.400		4.381		4.421		4.619
5.0	5.053		4.952		4.900		4.905		4.947		5.150		4.900
5.6	5.571		5.579		5.556		5.526		5.684		5.474		5.556
6.3			6.232	6.319	6.286		6.088		6.260		6.246		6.410
7.1			7.099	6.857	7.213		7.048		7.247		6.900		7.100
8.0			7.765	7.778	7.889	7.792	7.799	7.676	8.018	7.848	7.644	7.941	7.889
9.0			8.516	8.485	8.652	8.940	8.660	8.887	8.904	9.085	8.974	8.772	8.799
10			9.845	9.722	10.002	9.778	9.660	9.833	9.932	10.053	10.046	9.718	9.861
11.2			10.900	10.694	11.075	10.724	10.648	10.920	11.138	11.163	10.889	11.410	10.811
12.5			12.132	12.444	12.326	12.397	11.807	12.180	12.574	12.452	12.174	12.773	12.655
14			13.588	13.865	13.806	13.726	13.939	13.426	14.152	13.964	13.704	13.844	14.164
16			15.335	15.556	15.581	15.278	15.717	14.887	15.962	15.765	15.556	15.478	15.975
18			17.378	17.602	17.493	17.111	17.598	17.576	18.204	17.743	17.111	17.423	17.280
20			19.616	19.444	19.534	19.311	19.742	19.817	19.312	20.012	19.074	19.778	19.515
22.4			21.630	22.037	22.006	21.681	20.982	22.189	21.895	22.824	21.491	21.756	22.020
25					25.011	24.212	25.540	24.892	25.439	24.212	24.706	24.251	25.372
28					28.490	27.275	27.711	26.456	29.187	27.451	28.602	27.325	29.373
31.5					31.161	30.999	31.433	32.202	31.924	31.894	31.648	31.412	32.501
35.5					34.177	35.312	34.291	34.940	35.013	36.593	35.144	36.366	36.092
40					39.508	38.622	39.292	39.633	40.474	40.024	39.200	40.238	40.257
45					43.745	42.360	43.221	43.236	44.816	43.897	43.210	44.683	45.147
50					48.689	48.967	50.293	49.542	49.881	50.744	47.911	49.840	50.968
56					54.220	56.033	54.496	55.866	56.187	56.566	54.938	57.365	
63					61.543	60.347	62.867	63.413	63.049	62.537	63.778	60.916	64.699
71					69.742	67.589	71.139	70.651	70.787	70.041	71.414	71.919	73.789
80					78.723	76.279	78.583	79.267	79.049	79.046	80.111	81.089	78.278
90					86.806	86.440	89.061	89.696	89.050	88.748	85.146	90.798	88.750
100						97.572	101.554	99.083	101.210	99.106	103.639	101.856	103.114
112						107.590	115.256	112.294	115.290	111.645	112.450	108.257	118.306
125							125.733	128.046	126.098	126.890	127.556	131.769	129.398
140							143.985	145.322	138.301	144.542	139.152	142.973	141.920
160							158.251	158.533	159.874	158.093	159.444	162.178	164.058
180							174.630	181.546	177.022	173.392	175.389	176.921	181.654
200							193.629	199.533	197.028	200.439	204.089	202.722	202.184
224							228.606	220.185	220.671	221.938	227.382	222.994	226.446
250							257.753	244.141	249.043	247.020	255.111	259.484	255.560
280							288.615	288.242	282.219	276.663	288.678	289.100	286.925
315							305.352	324.993	318.563	312.234	318.889	324.356	320.413
355							344.112	363.906	351.273	353.827	361.407	367.034	360.951
400								385.010		399.393		405.444	
450								433.881		440.402		459.504	

EH1



平行轴齿轮箱 Helical gear units

实际速比 Actual Ratios

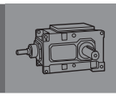
类型 TYPES EH1...,EH2...,EH3...,EH4...

规格 SIZES 14...26

实际速比 i Actual ratios i														
	齿轮箱规格 Gear unit sizes													i_N
	14	15	16	17	18	19	20	21	22	23	24	25	26	
														1.25
														1.4
														1.6
														1.8
		2.000		2.000		1.967								2.0
		2.231		2.250		2.296								2.24
		2.481		2.481		2.560								2.5
		2.760		2.760		2.870								2.8
		3.087		3.087		3.238								3.15
		3.476		3.476		3.450								3.55
		3.947		3.947		3.944								4.0
		4.579		4.526		4.400								4.5
		5.100		4.900		4.950								5.0
		5.778		5.556		5.700								5.6
		6.449		6.154		6.410		6.500		6.306		6.280		6.3
		7.120	7.316	7.125	7.147	7.100	7.312	7.200	7.265	7.038	7.059	6.915	7.232	7.1
7.944		7.882	8.076	7.884	8.274	7.889	8.100	8.000	8.047	7.882	7.878	7.635	7.963	8.0
8.800		8.758	8.941	8.755	9.155	8.799	9.000	8.923	8.941	8.868	8.824	8.915	8.792	9.0
9.778		9.774	9.935	9.765	10.167	9.788	10.038	9.926	9.973	9.780	9.926	9.939	10.266	10
10.906		10.967	11.087	10.951	11.340	10.887	11.167	11.040	11.094	10.878	10.948	11.141	11.445	11.2
12.222		12.139	12.440	12.432	12.717	12.176	12.420	12.348	12.339	12.166	12.176	12.571	12.829	12.5
13.399		13.708	13.769	13.915	14.438	13.712	13.891	13.905	13.801	13.700	13.619	13.394	14.476	14
15.685		15.389	15.550	15.694	16.159	15.570	15.643	15.789	15.541	15.557	15.336	15.314	15.424	16
17.556		17.424	17.457	17.899	18.225	18.061	17.763	18.316	17.647	17.839	17.415	17.082	17.634	18
19.800		20.297	19.765	18.988	20.786	20.117	20.605	20.400	20.471	19.312	19.969	19.218	19.671	20
21.418		21.374	23.024	20.930	22.050	21.782	22.950	22.368	22.800	22.039	21.618	21.108	22.129	22.4
24.187		24.716	24.245	24.202	24.306	25.283	24.850	25.837	25.000	25.457	24.671	24.322	24.306	25
27.292		27.304	28.036	26.736	28.106	28.006	28.844	28.523	28.877	28.103	28.497	28.157	28.007	28
31.447		30.248	30.971	29.619	31.048	31.117	31.950	31.579	31.879	31.115	31.459	31.156	32.424	31.5
36.406		35.514	34.311	34.776	34.397	34.708	35.500	35.088	35.294	34.572	34.830	34.598	35.876	35.5
40.283		39.756	40.284	38.929	40.385	38.897	39.596	39.158	39.216	38.582	38.700	38.591	39.840	40
44.733		43.090	45.096	42.194	45.208	42.642	44.375	43.936	43.765	43.290	43.189	43.278	44.438	45
49.896		48.175	48.878	47.174	49.000	49.917	48.648	48.632	49.105	47.916	48.459	49.132	49.835	50
55.957		54.229	54.647	53.102	54.783	55.870	56.948	54.920	54.353	54.112	53.638	54.990	56.576	56
63.171		61.557	61.514	60.278	61.667	63.013	63.739	61.654	61.381	60.747	60.573	62.021	63.322	63
71.100		67.713	69.826	66.306	70.000	68.162	71.888	69.806	68.908	68.780	68.001	70.735	71.418	71
80.190		75.481	76.809	73.912	77.000	76.974	77.762	81.316	78.019	80.120	76.992	75.037	81.452	80
91.457		85.046	85.620	83.279	85.833	88.439	87.816	86.427	90.882	85.156	89.687	85.076	86.407	90
97.020		97.768	96.471	95.735	96.711	100.079	100.895	99.020	96.594	97.564	95.323	100.783	97.967	100
110.00		113.186	110.901	110.833	111.176	115.862	114.174	109.386	110.670	107.778	109.214	111.637	119.054	112
127.803		125.238	128.390	122.634	128.710	128.198	132.180	121.182	122.255	119.400	120.647	124.041	128.552	125
146.633		139.074	142.060	136.183	142.414	142.362	146.254	142.279	135.439	140.186	133.657	138.354	142.835	140
160.380		155.125	157.756	151.900	158.148	158.792	162.413	159.273	159.017	156.931	156.925	155.051	159.316	160
175.901		170.993	175.962	167.438	176.400	178.079	181.156	172.632	178.011	170.093	175.669	169.982	178.544	180
203.339		189.597	193.962	185.656	194.444	201.040	203.160	193.004	192.941	190.166	190.402	198.983	195.737	200
225.149		223.845	215.065	219.192	215.600	226.272	229.355	217.257	215.711	214.062	212.872	222.710	229.132	224
250.594		252.385	253.914	247.139	254.545	255.201	258.141	246.617	242.817	242.990	239.622	251.183	256.454	250
280.665		282.605	286.288	276.730	287.000	291.058	291.144	271.278	275.630	267.289	272.004	271.709	289.241	280
316.751		317.021	320.566	310.431	321.364	308.761	332.052	302.399	303.193	297.952	299.204	306.839	312.877	315
355.625		336.946	359.606	329.942	360.500	350.069	352.249	340.720	337.975	335.710	333.528	352.538	353.329	355
397.131			382.207		383.158		399.375		380.805		375.794		405.953	400
447.376														450

EH1

EH/EB



直交轴齿轮箱 Bevel-helical gear units

实际速比 Actual Ratios

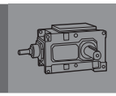
类型 TYPES EB2...,EB3...,EB4...

规格 SIZES 1...13

实际速比 i Actual ratios i

iN	齿轮箱规格 Gear unit sizes												
	1	2	3	4	5	6	7	8	9	10	11	12	13
5.0	4.980	5.043	4.895	4.936	5.006		4.865		5.002		4.897		4.967
5.6	5.566	5.636	5.471	5.480	5.488		5.333		5.483		5.534		5.613
6.3	6.455	6.526	6.334	6.296	6.386	6.205	6.206	6.135	6.381	6.271	6.296	6.226	6.386
7.1	7.068	7.158	6.947	6.959	7.058	6.802	6.860	6.725	7.053	6.875	7.037	7.036	7.138
8.0	7.668	7.765	7.536	7.549	7.657	7.915	7.880	7.825	8.101	8.000	7.994	8.005	8.108
9.0	8.829	8.941	8.678	8.693	8.817	8.749	8.569	8.649	8.810	8.842	8.693	8.947	8.817
10	10.027	10.154	9.855	9.872	10.108	9.490	9.823	9.935	10.099	10.157	9.965	10.164	10.108
11.2	10.938	11.077	10.751	10.769	10.923	10.928	10.615	10.804	10.914	11.045	10.769	11.052	10.923
12.5	12.458	12.615	12.244	12.034	12.703	12.528	12.433	12.385	12.554	12.662	12.334	12.670	12.482
14	14.005	14.182	13.765	13.484	13.964	13.538	13.515	13.385	14.137	13.683	13.821	13.692	13.721
16	15.441	15.636	15.176	15.601	15.835	15.826	16.275	15.773	15.952	15.693	15.522	15.888	16.354
18	17.595	17.818	17.294	17.482	17.407	17.307	17.692	17.041	17.963	17.724	17.393	17.572	17.978
20			19.336	19.614	19.645	19.729	19.948	20.648	20.259	19.940	19.744	19.995	20.276
22.4			21.609	21.919	21.954	21.575	22.146	22.308	22.208	22.520	21.643	22.114	22.226
25			25.021	25.380	25.421	24.349	25.446	25.152	25.843	25.400	25.185	25.103	25.864
28			27.442	27.836	27.881	27.211	28.125	27.923	28.563	27.842	27.836	27.517	28.587
31.5			29.769	30.196	30.245	31.508	30.509	32.084	30.985	32.400	31.975	32.021	32.838
35.5			34.279	34.771	34.827	34.557	35.131	35.461	35.679	35.811	34.771	35.392	35.709
40			38.928	39.487	39.551	37.486	39.896	38.468	40.902	38.846	39.861	40.654	40.936
45			42.467	43.077	43.146	43.166	43.523	44.296	44.202	44.732	43.077	44.209	44.238
50			48.365	49.060	49.139	49.021	49.568	50.304	50.341	51.280	49.060	50.681	50.383
56			54.371	55.152	55.240	53.477	55.723	54.877	56.592	55.417	55.152	54.769	56.639
63			59.947	60.808	60.906	60.904	61.438	62.499	62.396	63.114	60.808	62.376	62.448
71			68.312	69.293	69.404	68.467	70.011	70.259	71.102	70.951	69.293	70.121	71.161
80					77.598	75.489	79.267	77.465	79.497	78.228	80.949	77.313	82.118
90					86.720	86.022	88.585	88.274	88.842	89.143	89.869	88.101	90.016
100					100.413	96.178	102.572	99.945	102.869	99.667	103.259	102.921	104.750
112					110.130	107.484	112.498	111.694	112.824	111.384	114.129	114.262	115.777
125					119.466	124.455	122.035	129.330	122.389	128.971	123.804	131.287	125.592
140					137.567	136.499	140.525	141.846	140.933	141.452	142.562	145.106	144.621
160					156.225	148.071	159.585	153.871	160.047	153.443	161.897	157.408	165.791
180					170.427	170.506	174.092	177.184	174.597	176.692	176.615	181.258	179.166
200					194.098	193.631	198.272	201.215	198.847	200.656	201.145	205.841	204.050
224					218.199	211.234	222.891	219.508	223.537	218.898	226.121	224.554	229.386
250					240.578	240.572	245.752	249.995	246.464	249.300	249.313	255.742	252.913
280					274.147	270.443	280.042	281.036	280.855	280.256	284.101	287.497	288.204
315					302.121	298.181	308.618	309.861	309.513	309.000	313.091	316.984	317.612
355						339.788		353.097		352.116		361.214	
400						374.460		389.127		388.046		398.073	
450													

EB2 EB3 EB4



直交轴齿轮箱 Bevel-helical gear units

实际速比 Actual Ratios

类型 TYPES EB2...,EB3...,EB4...

规格 SIZES 14...26

实际速比 i Actual ratios i

	齿轮箱规格 Gear unit sizes													iN
	14	15	16	17	18	19	20	21	22	23	24	25	26	
		4.963												5.0
		5.609	5.630	5.514										5.6
	6.156	6.340	6.362	6.234										6.3
	6.957	7.132	7.192	7.012	7.239									7.1
	7.915	8.101	8.090	7.965	8.143									8.0
	8.847	8.810	9.190	8.662	9.250									9.0
	10.049	10.099	9.993	9.930	10.059									10
	10.928	10.914	11.456	10.731	11.531									11.2
	12.528	12.172	12.380	12.770	12.462	12.062		12.256						12.5
	13.538	13.810	13.832	13.790	14.654	13.709	13.698	13.902	13.719					14
	15.552	15.215	15.665	16.226	16.014	15.192	15.640	15.436	15.538					16
	17.007	17.262	17.290	17.522	18.620	17.267	17.252	17.510	17.279					18
	20.376	19.379	19.581	19.762	20.348	19.607	19.698	19.883	19.570	19.591		19.284		20
	22.282	21.900	21.982	22.333	22.950	22.158	22.368	22.470	22.222	22.139	21.930	21.793	22.206	22.4
	25.131	24.916	24.842	25.409	25.936	25.048	25.278	25.400	25.113	25.027	24.783	24.635	25.095	25
	27.548	27.847	28.263	28.398	29.507	28.175	28.576	28.571	28.389	28.151	28.015	27.711	28.368	28
	32.057	31.634	31.588	32.259	32.979	32.005	32.143	32.456	31.933	31.979	31.513	31.478	31.909	31.5
	35.432	34.400	35.883	35.080	37.463	34.804	36.513	35.294	36.275	34.775	35.797	34.231	36.248	35.5
	40.700	39.435	39.021	40.215	40.738	39.899	39.706	40.461	39.446	39.866	38.927	39.241	39.417	40
	44.259	42.617	44.732	43.460	46.702	43.117	45.518	43.725	45.221	43.082	44.626	42.407	45.187	45
	50.737	48.536	48.341	49.496	50.469	49.106	49.190	49.798	48.869	49.065	48.226	48.297	48.833	50
	54.831	54.562	55.055	55.641	57.479	55.203	56.022	55.981	55.656	55.158	54.924	54.294	55.615	56
	62.446	60.158	61.892	61.348	64.616	60.865	62.978	61.722	62.567	60.815	61.744	59.863	62.520	63
	70.200	68.553	68.239	69.909	71.243	69.358	69.438	70.335	68.984	69.301	68.076	68.216	68.933	71
	77.400	78.131	77.761	76.506	81.184	79.977	79.127	77.639	78.610	76.497	77.575	78.100	78.551	80
	88.200	85.645	88.626	83.865	88.846	87.670	91.242	87.739	86.772	86.448	85.631	88.260	89.933	90
	101.780	99.664	97.150	97.593	97.391	102.020	100.017	99.821	98.061	98.353	96.770	100.414	101.633	100
	111.569	110.155	113.052	107.865	113.333	112.759	116.389	111.565	111.565	109.924	110.097	112.228	115.629	112
	129.831	126.535	124.952	123.904	125.263	129.526	128.641	126.733	124.690	124.870	123.049	127.487	129.232	125
	143.498	137.599	143.532	134.739	143.889	140.851	147.769	137.815	141.643	135.788	139.780	138.634	146.803	140
	155.663	157.741	156.082	154.462	156.471	161.470	160.690	157.989	154.029	155.665	152.002	158.928	159.639	160
	179.284	170.467	178.930	166.923	179.375	174.496	184.212	170.735	176.576	168.224	174.252	171.749	183.008	180
	205.487	194.143	193.365	190.107	193.846	198.732	199.073	194.448	190.821	191.588	188.310	195.603	197.772	200
	222.065	218.249	220.222	213.712	220.769	223.408	226.722	218.592	217.324	215.377	214.464	219.891	225.240	224
	252.907	240.634	247.566	235.631	248.182	246.322	254.874	241.012	244.309	237.467	241.094	242.444	253.208	250
	284.310	274.210	272.957	268.510	273.636	280.692	281.015	274.641	269.366	270.602	265.822	276.274	279.178	280
	313.470	302.191	311.045	295.909	311.818	309.334	320.226	302.666	306.952	298.215	302.913	304.465	318.133	315
	357.210		342.784		343.636		352.902		338.273		333.823		350.596	355
	393.660													400
														450

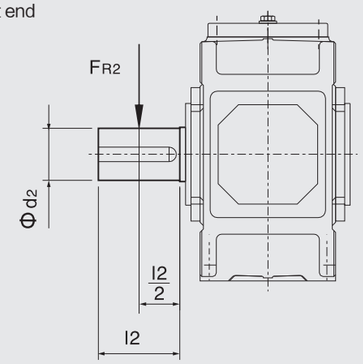
EB2 EB3 EB4

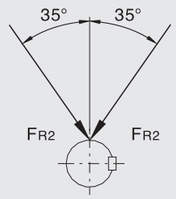
制造商保留修改的权限 Manufacturer reserves modify permissions

齿轮箱 输出轴d2上允许的附加径向力[1)]
Gear Units Permissible Additional Radial Forces on Output Shaft d2 [1)]

类型 TYPES EH1SH., EH2S., EH3S., EH4S., EB2S., EB3S., EB4S

作用力在轴端中部
Application of force outside the centre of the shaft end





允许的作用力方向
Permissible direction of force

允许的附加径向力 FR2 (kN), 作用于输出轴端中部3)

Permissible additional radial forces FR2 in kN with application of force on center of shaft end

类型 Type	布置形式 Design	齿轮箱规格 1), 4) Gearunitsize1), 4)																	
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
EH1SH	A/B	2)	–	2)	–	2)	–	2)	–	2)	–	2)	–	2)	–	2)		2)	
EH2S.	A/B/G/H	–	–	8	10	22	22	30	30	30	45	64	64	150	150	140	205	205	205
	C/D	–	–	8	10	13	13	30	18	10	28	35	35	112	112	85	135	135	135
EH3S.	A/B/G/H	–	–	–	–	29	29	40	40	40	60	85	85	190	190	185	265	265	265
	C/D	–	–	–	–	18	18	26	26	18	40	50	50	150	150	120	185	185	190
EH4S.	A/B	–	–	–	–	–	–	26	26	18	40	50	50	150	150	120	185	185	190
	C/D	–	–	–	–	–	–	40	40	40	60	85	85	190	190	185	265	265	265
EB2S.	A/C	7	10	10	13	27	27	37	37	38	55	78	78	160	160	150	210	210	210
	B/D	4	7	9	12	15	15	17	17	10	30	38	38	110	110	75	145	100	100
EB3S.	A/C	–	–	9	14	29	29	40	40	40	60	85	85	190	190	185	265	265	265
	B/D	–	–	7	9	18	18	26	26	18	40	50	50	150	150	120	185	185	190
EB4S.	A/C	–	–	–	–	29	29	40	40	40	60	85	85	190	190	185	265	265	265
	B/D	–	–	–	–	18	18	26	26	18	40	50	50	150	150	120	185	185	190

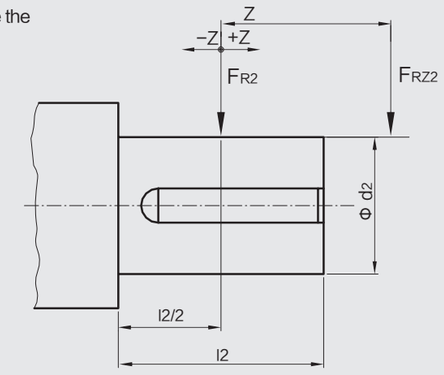
1)表中数据为最小值。如果给定了力的作用角和旋转方向，通常情况下，可允许承受较大的附加径向力。此时请与我们取得联系。
2)根据用户要求供货。
3)当作用力不在轴端中部时, 请参见第258页。
4)基础螺栓的最低性能等级为8.8级。基础必须干燥，不得有油脂。如用户要求，允许输入轴d1上附加径向力。

1) Values in tables are minimum values.If the angle of application of force and the direction of rotation are given,signif-icantly higher additional forces can mostly beallowed.Please consult us.
2)On request.
3)For aplication of force outside the center of the shaft end, see page 258.
4)Use foundation bolts of min.Property class8.8.Foundation must be dry and grease-free.Permissible additional radial forces on input shaft d1on request.

齿轮箱 输出轴 d2 上允许的附加径向力
Gear Units Permissible Additional Radial Forces on Output Shaft d2

类型 TYPES EH1SH.,EH2S.,EH3S.,EH4S., EB2S., EB3S., EB4S

作用力不在轴端中部
Application of force outside the centre of the shaft end



$F_{RZ2}=F_{R2}\times K$

F_{RZ2} 允许的轴端外部径向力
F_{RZ2} Permissible external radial force

F_{R2} 允许的附加径向力根据257页上的表确定
F_{R2} Permissible additional radial force acc. to table page 257

K 作用力系数根据下表确定
K Factor of application of force acc.to table

作用力系数 K Factor of application of force K															
规格 Size	距离 Z(mm) Distance Z in mm														
	−200	−150	−100	−75	−50	−25	0	25	50	75	100	150	200	250	300
1						1. 11	1.00	0.81	0. 68	0. 58	0.51				
2						1. 11	1.00	0. 83	0. 71	0. 63	0. 56				
3					1. 21	1.09	1.00	0. 85	0. 74	0. 65	0. 58	0. 48			
4					1.17	1.08	1.00	0. 86	0. 76	0. 68	0.62	0. 52	0. 44		
5 + 6				1.22	1. 14	1.06	1.00	0. 88	0. 79	0. 72	0. 66	0. 56	0. 49	0. 43	
7 + 8				1. 19	1. 12	1.06	1.00	0.89	0.81	0. 74	0. 68	0. 58	0.51	0. 46	0. 41
9 + 10			1. 22	1. 15	1. 10	1.05	1.00	0. 90	0. 82	0. 76	0. 70	0. 61	0. 54	0. 48	0.44
11+12			1. 18	1. 13	1.08	1.04	1.00	0.91	0. 84	0. 78	0. 73	0. 64	0. 57	0.51	0.47
13+14		1.24	1. 15	1. 11	1. 07	1.03	1.00	0. 92	0. 86	0. 80	0. 75	0.67	0. 60	0. 55	0. 50
15+16		1.20	1. 12	1.09	1.06	1.03	1.00	0. 93	0.87	0. 82	0. 77	0. 69	0. 63	0. 58	0. 53
17+18	1.25	1. 17	1. 11	1.08	1.05	1.03	1.00	0. 94	0. 88	0. 84	0. 79	0. 72	0. 66	0. 60	0. 56

EH/EB

卧式安装齿轮箱 Horizontal gear units

布置形式 Design

类型 TYPES EH2...EH4 , EB2...EB4

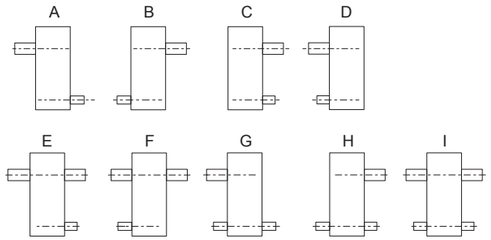
规格 SIZES 1...26

平行轴齿轮箱 Helical gear units

视图方向:水平放置从上向下看
View orientaion: placed horizontally from looking down

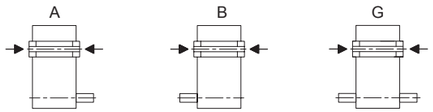
实心轴 Solid shaft

EH.SH



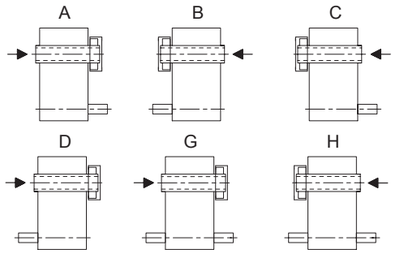
空心轴 Hollow shaft *)

EH.HH、EH.HM



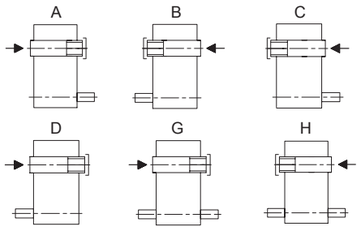
带胀紧盘空心轴 Hollow shaft for shrink disk *)

EH.DH、EH.DM



带花键空心轴 Hollow shaft with involute spline *)

EH.KH、EH.KM

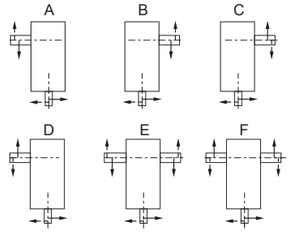


直交轴齿轮箱 Bevel-helical gear units

视图方向:水平放置从上向下看
View orientaion: placed horizontally from looking down

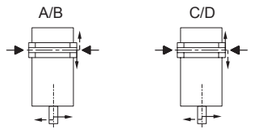
实心轴 Solid shaft

EB.SH



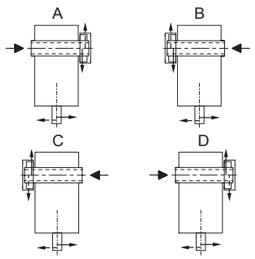
空心轴 Hollow shaft *)

EB.HH、EB.HM



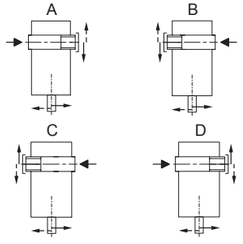
带胀紧盘空心轴 Hollow shaft for shrink disk *)

EB.DH、EB.DM



带花键空心轴 Hollow shaft with involute spline *)

EB.KH、EB.KM



箭头表示工作机驱动轴插入方向 The arrow indicates the direction of the driven machine shaft

立式安装齿轮箱 Vertical gear units

布置形式 Design

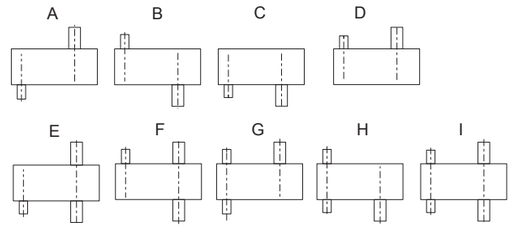
类型 TYPES EH2...EH4 , EB2...EB4

规格 SIZES 1...26

平行轴齿轮箱 Helical gear units

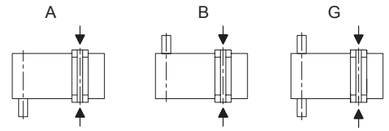
实心轴 Solid shaft

EH.SV



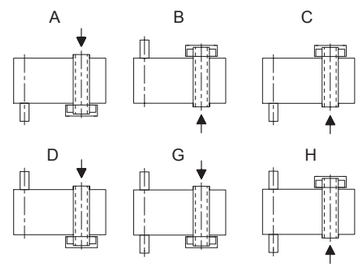
空心轴 Hollow shaft *)

EH.HV



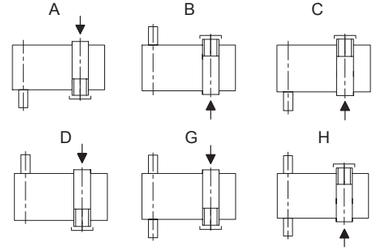
带胀紧盘空心轴 Hollow shaft for shrink disk *)

EH.DV



带花键空心轴 Hollow shaft with involute spline *)

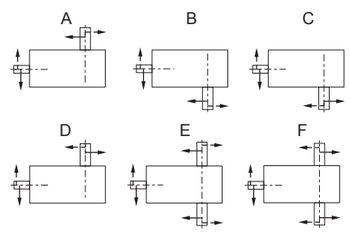
EH.KV



直交轴齿轮箱 Bevel-helical gear units

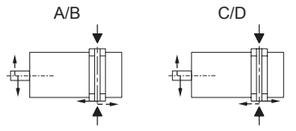
实心轴 Solid shaft

EB.SV



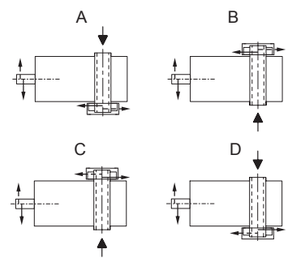
空心轴 Hollow shaft *)

EB.HV



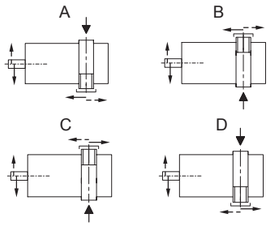
带胀紧盘空心轴 Hollow shaft for shrink disk *)

EB.DV



带花键空心轴 Hollow shaft with involute spline *)

EB.KV



箭头表示工作机驱动轴插入方向 The arrow indicates the direction of the driven machine shaft

EH/EB

平行轴齿轮箱 Helical gear units

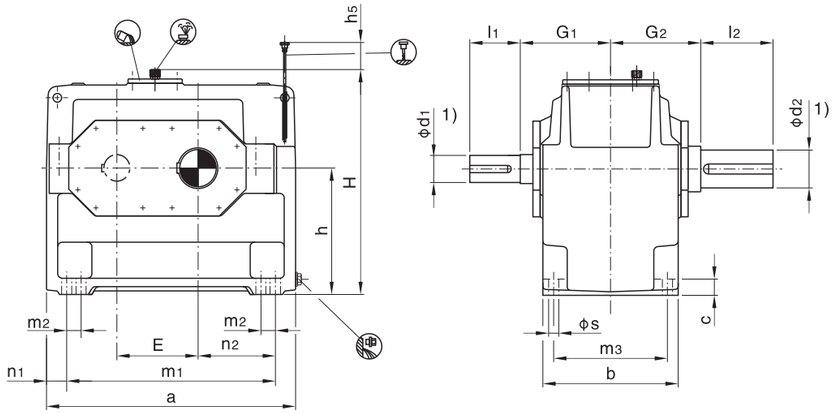
单级传动 Single Stage

卧式安装 Horizontal

类型 TYPES EH1SH...

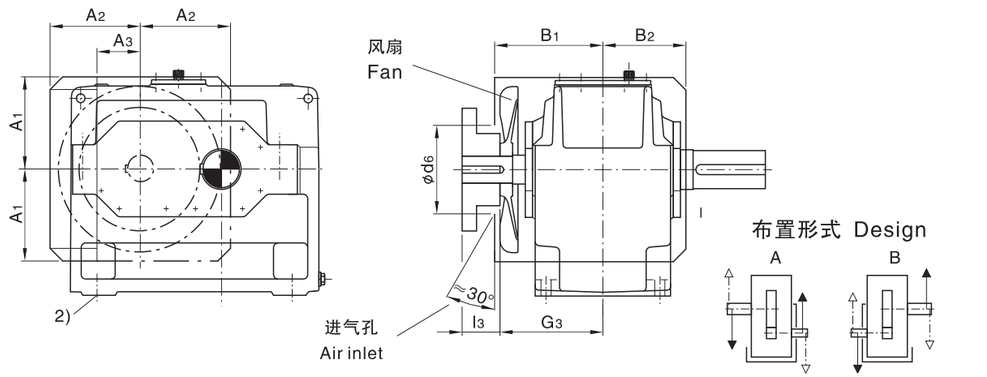
规格 SIZES 1...19

EH1SH



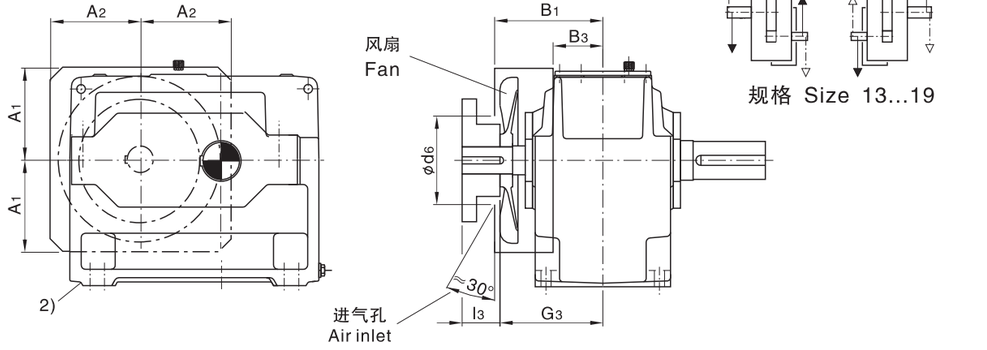
EH1SH

规格 3...11 带冷却风扇 Sizes 3...11 With fan



EH1SH

规格 13...19 带冷却风扇 Sizes 13...19 With fan



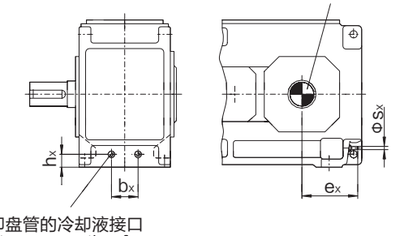
1)k6≤Φ50 m6>Φ50 有关平键 GB/T1095-1979型和中心孔,参见第321-322页。 For parallel key GB/T1095-1979 and for center hole,see page 321-322.
2)在安装基础螺栓前,应拆下风扇罩。 Remove air guide cover before fitting the foundation bolts.
3)规格1号不带风扇。 Sizes1 without fan.

注：尺寸 mm Note：Dimensions in mm

规格 Size	输入轴 Input											冷却风扇 Fan						
	iN=1.25-2.8 iN=1.6-2.8* iN=2-2.8**			iN=3.15-4			iN=4.5-5.6											
	d1 1)	l1	l3	d1 1)	l1	l3	d1 1)	l1	l3	G1	G3	A1	A2	A3	B1	B2	B3	d6
1	40	70	–	30	50	–	24	40	–	110	–	–	–	–	–	–	–	–
3	60	125	105	45	100	80	32	80	60	170	190	150	145	80	205	130	–	130
5	85	160	130	60	135	105	50	110	80	210	240	225	215	115	255	185	–	190
7	100	200	165	75	140	105	60	140	105	250	285	255	250	120	300	230	–	245
9	110	200	165	90	165	130	75	140	105	280	315	300	265	140	330	265	–	280
11 *	130	240	205	110	205	170	90	170	135	325	360	360	330	190	375	320	–	350
13 *	150	245	200	130	245	200	100	210	165	365	410	415	350	–	430	–	150	350
15 **	180	290	240	150	250	200	125	250	200	360	410	500	430	–	430	–	120	450
17 **	200	330	280	170	290	240	140	250	200	400	450	550	430	–	470	–	150	445
19 **	220	340	290	190	340	290	160	300	250	440	490	630	475	–	510	–	190	445

规格 Size	齿轮箱 Gear units													输出轴 Output		
	a	b	c	E	h	h5	H	m1	m2	m3	n1	n2	s	d2 1)	G2	l2
1	295	150	18	90	140	55	275	220	–	120	37	80	12	45	110	80
3	420	200	28	130	200	85	375	310	–	160	55	110	19	60	170	125
5	580	285	35	185	290	100	525	440	–	240	70	160	24	85	210	160
7	690	375	45	225	350	75	625	540	–	315	75	195	28	105	250	200
9	805	425	50	265	420	50	735	625	–	350	90	225	35	125	270	210
11	960	515	60	320	500	40	875	770	–	440	95	280	35	150	320	240
13	1100	580	70	370	580	40	1020	870	–	490	115	315	42	180	360	310
15	1295	545	80	442	600	10	1115	1025	–	450	135	370	48	220	360	350
17	1410	615	80	490	670	–	1235	1170	130	530	120	425	42	240	400	400
19	1590	690	90	555	760	–	1395	1290	150	590	150	465	48	270	440	450

规格 Size	润滑油 Oil (L)	重量 Weight (kg)
1	2.5	55
3	7	128
5	22	302
7	42	547
9	68	862
11	120	1515
13	175	2395
15	190	3200
17	270	4250
19	390	5800



冷却盘管 Cooling coil					
规格 Size	bx	ex	hx	sx	x) L/min
1	30	150	45	G1/4	4
3	48	205	74	G1/2	4
5	88	270	90	G1/2	4
7	124	310	135	G1/2	4
9	116	365	110	G1/2	8
11	146	425	130	G1/2	8
13	152	480	150	G1/2	8
15	172	560	130	G1/2	8
17	200	600	145	G1/2	8
19	敬请垂询 On request				

1)冷却盘管适用于淡水, 海水或有咸味的水。
Cooling coil suitable for fresh, sea or brackish water
2)x)所需冷却水量。 Cooling water quantity required.

制造商保留修改的权限 Manufacturer reserves modify permissions

平行轴齿轮箱 Helical gear units

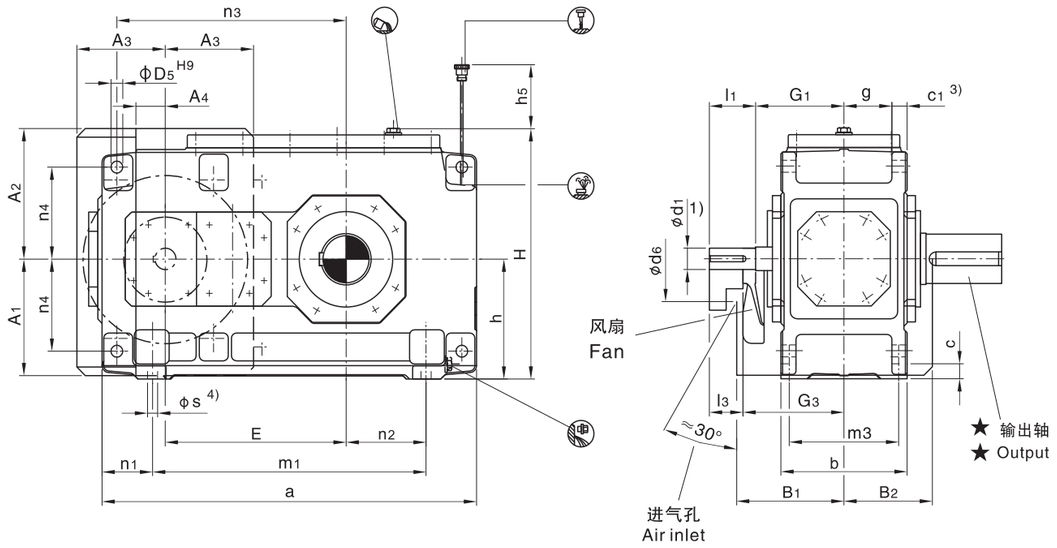
两级传动 Two Stage

卧式安装 Horizontal

类型 TYPES EH2.H...

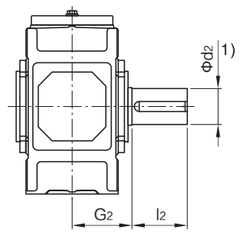
规格 SIZES 3...12

EH2SH
EH2HH
EH2DH
EH2KH

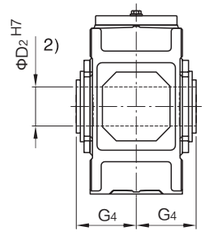


★ 输出轴 Output

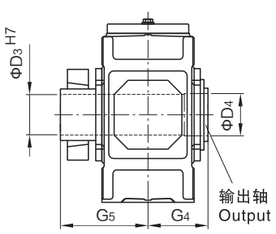
EH2SH
实心轴
Solid shaft



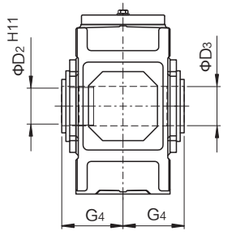
EH2HH
空心轴
Hollow shaft



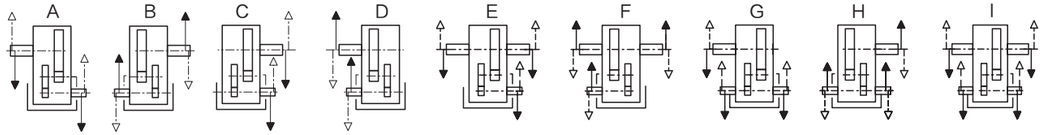
EH2DH
带胀紧盘的空心轴
Hollow shaft for shrink disk



EH2KH
花键空心轴
Hollow shaft with involute splines



布置形式 Design



1)k6≤Φ50 m6>Φ50 有关平键 GB/T1095-1979型和中心孔,参见第321-322页。 For parallel key GB/T1095-1979 and for center hole,see page 321-322.
2)在安装基础螺栓前,应拆下风扇罩。 Remove air guide cover before fitting the foundation bolts.
3)扭力支撑位于工作机侧。 Torque support on driven machine side.

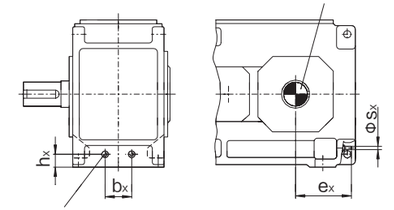
注：尺寸 mm Note：Dimensions in mm

规格 Size	输入轴 Input								布置形式 Design G, H, I 仅用于 only for		冷却风扇 Fan						
	iN=6.3-11.2 iN=8-14			iN=12.5-22.4 iN=16-28					iN=								
	d1 1)	l1	l3	d1 1)	l1	l3	G1	G3			A1	A2	A3	A4	B1	B2	d6
3	35	70	–	28	50	–	135	–	–	–	–	–	–	–	–	–	–
4	45	100	80	32	80	60	170	190	6.3-18	–	195	225	150	30	205	158	136
5 +6	50	100	80	38	80	60	195	215	6.3-18	8-22.4	225	260	175	55	230	177.5	150
7 +8	60	135	105	50	110	80	210	240	6.3-16	8-20	272	305	210	70	255	210	200
9 +10	75	140	110	60	140	110	240	270	6.3-16	8-20	312	355	240	100	285	245	200
11 +12	90	165	130	70	140	105	275	310	6.3-18	8-22.4	372	420	285	135	325	285	210

规格 Size	齿轮箱 Gear units								
	b	c	C1	D5	g	h	m3	n1	n4	s
3	190	22	24±1	18	71	175	160	80	132.5	15
4	215	28	30±1	24	77.5	200	180	105	150	19
5+6	255	28	30±1	24	97.5	230	220	105	180	19
7+8	300	35	36±1	28	114	280	260	120	215	24
9+10	370	40	45±1.5	36	140	320	320	145	245	28
11+12	430	50	54±1.5	40	161	380	370	165	300	35

规格 Size	齿轮箱 Gear units							输出轴 Output								
								EH2SH			EH2HH		EH2DH			EH2KH
	a	E	h5	H	m1	n2	n3	d2 1)	G2	l2	D2 2)	G4	D3	D4	G4	G5	
3	450	220	110	360	290	65	285	65	125	140	65	125	70	70	125	180	见327-330页 See page 327-330
4	565	270	110	415	355	85	345	80	140	170	80	140	85	85	140	205	
5	640	315	150	482	430	100	405	100	165	210	95	165	100	100	165	240	
6	720	350	150	482	510	145	440	110	165	210	105	165	110	110	165	240	
7	785	385	190	572	545	130	500	120	195	210	115	195	120	120	195	280	
8	890	430	190	582	650	190	545	130	195	250	125	195	130	130	195	285	
9	925	450	205	662	635	155	585	140	235	250	135	235	140	145	235	330	
10	1025	500	215	662	735	205	635	160	235	300	150	235	150	155	235	350	
11	1105	545	250	782	775	180	710	170	270	300	165	270	165	170	270	400	
12	1260	615	250	790	930	265	780	180	270	300	180	270	180	185	270	405	

规格 Size	润滑油 Oil (L)	重量 Weight (kg)
3	6	115
4	10	190
5	15	300
6	16	355
7	27	505
8	30	590
9	42	830
10	45	960
11	71	1335
12	76	1615



规格 Size	冷却盘管 Cooling coil bx	ex	hx	sx	x) L/min
3	34	130	55	G1/2	4
4	34	155	60	G1/2	4
5	68	170	64	G1/2	4
6	70	215	68	G1/2	4
7	100	210	83	G1/2	4
8	100	270	83	G1/2	4
9	140	245	110	G1/2	8
10	100	295	95	G1/2	8
11	110	275	95	G1/2	8
12	200	360	109	G1/2	8

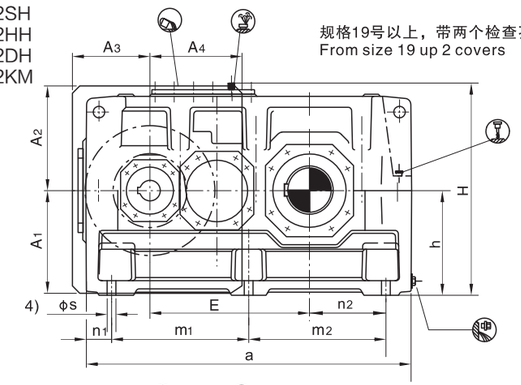
1)冷却盘管适用于淡水, 海水或有咸味的水。
Cooling coil suitable for fresh, sea or brackish water
2)x)所需冷却水量。 Cooling water quantity required.

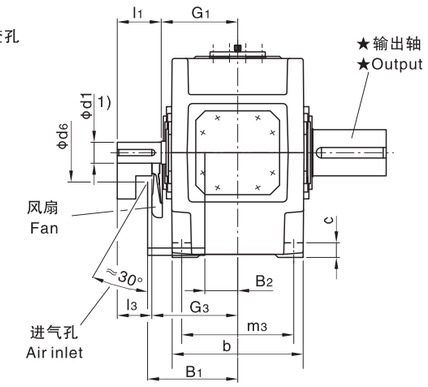
平行轴齿轮箱 Helical gear units　　两级传动 Two Stage　　卧式安装 Horizontal

类型 TYPES EH2.H...,EH2.M...

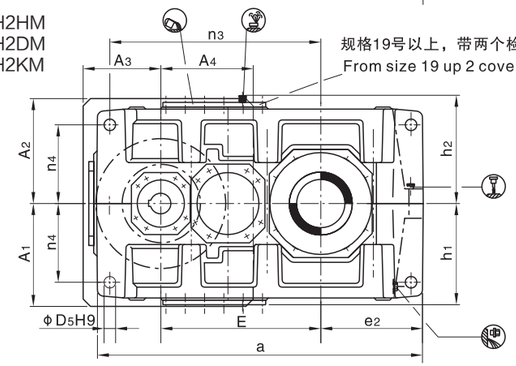
规格 SIZES 13...22

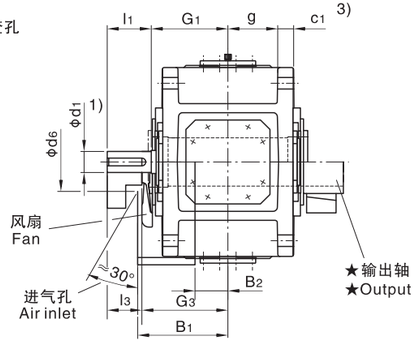
EH2SH
EH2HH
EH2DH
EH2KM





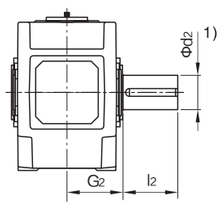
EH2HM
EH2DM
EH2KM



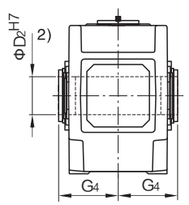


★ 输出轴 Output

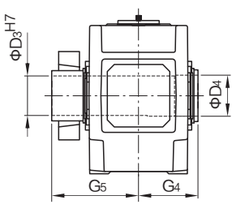
EH2SH
实心轴
Solid shaft



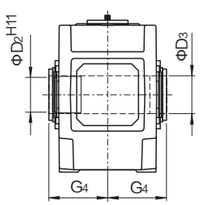
EH2HH,EH2HM
空心轴
Hollow shaft



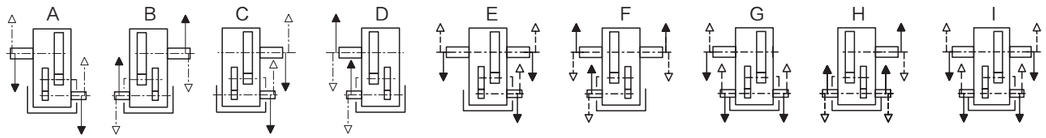
EH2DH,EH2DM
带胀紧盘的空心轴
Hollow shaft for shrink disk



EH2KH,EH2KM
花键空心轴
Hollow shaft with involute splines



布置形式 Design



1)k6≤Φ50 m6>Φ50有关平键 GB/T1095-1979型和中心孔,参见第321-322页。 For parallel key GB/T1095-1979 and for center hole,see page 321-322.
2)在安装基础螺栓前,应拆下风扇罩。Remove air guide cover before fitting the foundation bolts.
3)扭力支撑位于工作机侧。Torque support on driven machine side.

注：尺寸 mm　　Note：Dimensions in mm

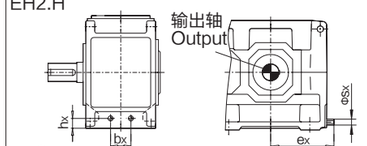
规格 Size		输入轴 Input								布置形式 Design G, H, I 仅用于 only for iN=		冷却风扇 Fan						
		iN=6.3－11.2 iN=7.1－12.5 iN=8－14			iN=12.5－20 iN=14－22.5 iN=16－25													
		$d_1$1)	l_1	l_3	$d_1$1)	l_1	l_3	G_1	G_3			A_1	A_2	A_3	A_4	B_1	B_2	d_6
13	+14	100	205	170	85	170	135	330	365	6.3–16	8–20	430	460	330	365	385	135	250
15	+16	120	210	165	100	210	165	365	410	6.3–16	7.1–18	490	500	370	440	430	155	280
17	+18	125	245	200	110	210	165	420	465	6.3–16	7.1–18	540	565	435	505	485	140	280
19	+20	150	245	200	120	210	165	475	520	根据用户要求提供 On request		600	600	500	450	540	190	310
21	+22	170	290	240	140	250	200	495	545			680	680	500	610	565	200	450

规格 Size	齿轮箱 Gear units													
	b	c	c_1	D_5	g	h	h_1	h_2	m_3	n_1	n_4	s	H	m_1
13+14	550	60	61±2	48	211.5	440	450	460	475	100	340	35	900	545
15+16	625	70	72±2	55	238	500	490	500	535	120	375	42	1000	655
17+18	690	80	81±2	55	259	550	555	560	600	135	425	42	1110	735
19+20	790	90	91±2	65	299	620	615	620	690	155	475	48	1240	850
21+22	830	100	100±2	75	310	700	685	690	720	170	520	56	1390	900

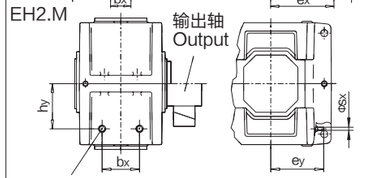
规格 Size	齿轮箱 Gear units						输出轴 Output									
							EH2SH			EH2HH EH2HM		EH2DH EH2DM				EH2KH EH2KM
	a	e_2	E	m_2	n_2	n_3	$d_2$1)	G_2	l_2	$D_2$2)	G_4	D_3	D_4	G_4	G_5	
13	1290	405	635	545	305	835	200	335	350	190	335	190	195	335	480	见327-330页 See page 327-330
14	1430	475	705	685	375	905	210	335	350	210	335	210	215	335	480	
15	1550	485	762	655	365	1005	230	380	410	230	380	230	235	380	550	
16	1640	530	808	745	410	1050	240	380	410	240	380	240	245	380	550	
17	1740	525	860	735	390	1145	250	415	410	250	415	250	260	415	600	
18	1860	585	920	855	450	1205	270	415	470	275	415	280	285	415	600	
19	2010	590	997	850	435	1345	290	465	470	–	–	285	295	465	670	
20	2130	650	1057	970	495	1405	300	465	500	–	–	310	315	465	670	
21	2140	655	1067	900	485	1400	320	490	500	–	–	330	335	490	715	
22	2250	710	1122	1010	540	1455	340	490	550	–	–	340	345	490	725	

规格 Size	润滑油 Oil (L)		重量 Weight (kg)	
	EH2.H	EH2.M	EH2.H	EH2.M
13	135	110	2000	1880
14	140	115	2570	2430
15	210	160	3430	3240
16	215	165	3655	3465
17	290	230	4650	4420
18	300	240	5125	4870
19	320	300	6600	6300
20	340	320	7500	7200
21	320	350	8900	8400
22	340	370	9600	9200

EH2.H



EH2.M



冷却盘管的冷却液接口
Water connection for cooling coil

规格 Size	冷却盘管 Cooling coil						
	b_x	e_x	e_y	h_x	h_y	s_x	x) L/min
13	252	455	335	116	300	G1/2	8
14	252	525	405	116	300	G1/2	8
15	290	535	395	119	335	G1/2	8
16	290	580	440	119	335	G1/2	8
17	340	575	425	134	380	G1/2	8
18	340	635	485	134	380	G1/2	8
19	敬请垂询 On request						
20							
21							
22							

1)冷却盘管适用于淡水, 海水或有咸味的水。
Cooling coil suitable for fresh, sea or brackish water
2)x)所需冷却水量。 Cooling water quantity required.

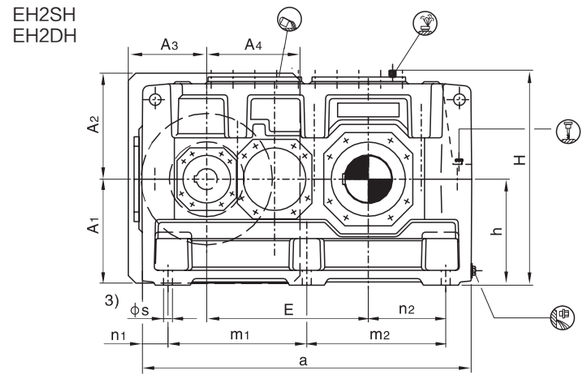
制造商保留修改的权限 Manufacturer reserves modify permissions

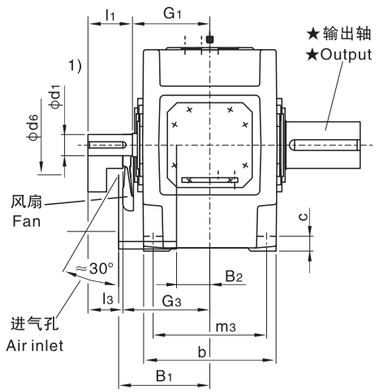
平行轴齿轮箱 Helical gear units　　两级传动 Two Stage　　卧式安装 Horizontal

类型 TYPES EH2.H...,EH2.M...

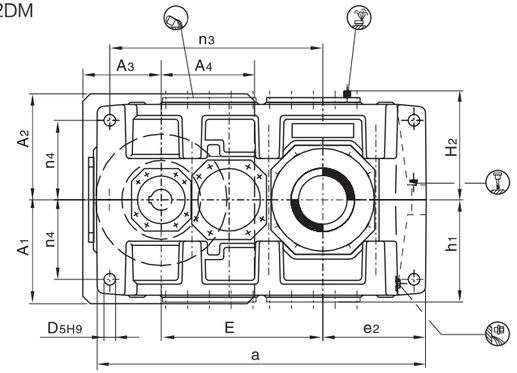
规格 SIZES 23...26

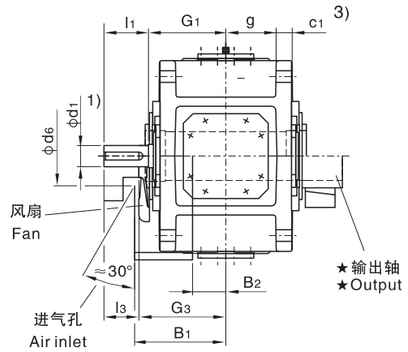
EH2SH
EH2DH





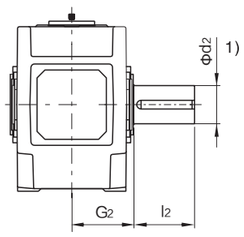
EH2DM



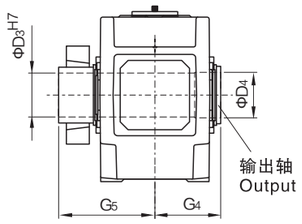


★ 输出轴 Output

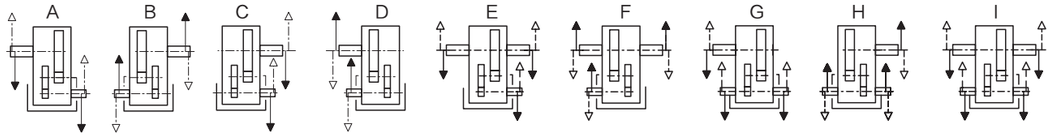
EH2SH
实心轴
Solid shaft



EH2DH,EH2DM
带胀紧盘的空心轴
Hollow shaft for shrink disk



布置形式 Design



1)k6≤Φ50 m6＞Φ50 有关平键 GB/T1095-1979型和中心孔,参见第321-322页。 For parallel key GB/T1095-1979 and for center hole,see page 321-322.
2)在安装基础螺栓前,应拆下风扇罩。 Remove air guide cover before fitting the foundation bolts.
3)扭力支撑位于工作机侧。 Torque support on driven machine side.

注：尺寸 mm　　Note：Dimensions in mm

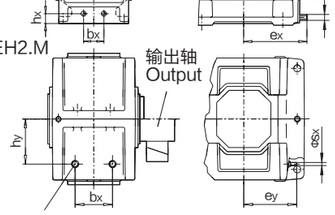
规格 Size		输入轴 Input								布置形式 Design G, H, I 仅用于 only for iN=	冷却风扇 Fan						
		iN=6.3－11.2 iN=7.1－12.5			iN=12.5－20 iN=14－22.5												
		d1 1)	l1	l3	d1 1)	l1	l3	G1	G3		A1	A2	A3	A4	B1	B2	d6
23	+24	190	330	280	150	250	200	560	610	敬请垂询 On request	770	770	550	550	630	220	450
25	+26	200	340	290	170	300	250	600	650		845	865	550	550	670	240	450

规格 Size	齿轮箱 Gear units												
	b	c	c1	D5	g	h	h1	h2	m3	n1	n4	s	H	m1
23+24	930	115	120±2	80	342	780	770	770	810	180	580	56	1550	1010
25+26	1045	130	120±2	90	400	860	860	860	910	200	660	66	1720	1090

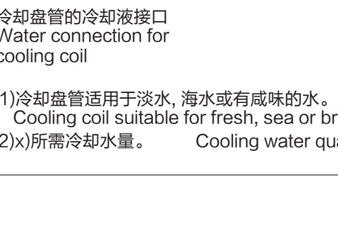
规格 Size	齿轮箱 Gear units						输出轴 Output						
							EH2SH			EH2DH EH2DM			
	a	e2	E	m2	n2	n3	d2 1)	G2	l2	D3	D4	G4	G5
23	2380	730	1185	1010	550	1560	360	540	590	360	365	540	785
24	2510	795	1250	1140	615	1625	380	540	590	380	385	540	805
25	2580	790	1325	1090	590	1685	400	605	650	400	405	605	875
26	2760	880	1415	1270	680	1775	420	605	650	430	435	605	900

规格 Size	润滑油 Oil (L)		重量 Weight (kg)	
	EH2.H	EH2.DM	EH2.H	EH2.DM
23	430	470	11600	11000
24	450	500	13000	12300
25	600	660	15500	14700
26	640	700	17200	16200

EH2.H



EH2.M



冷却盘管的冷却液接口
Water connection for cooling coil

规格 Size	冷却盘管 Cooling coil						
	bx	ex	ey	hx	hy	sx	x) L/min
23	敬请垂询 On request						
24							
25							
26							

1)冷却盘管适用于淡水, 海水或有咸味的水。
Cooling coil suitable for fresh, sea or brackish water
2)x)所需冷却水量。 Cooling water quantity required.

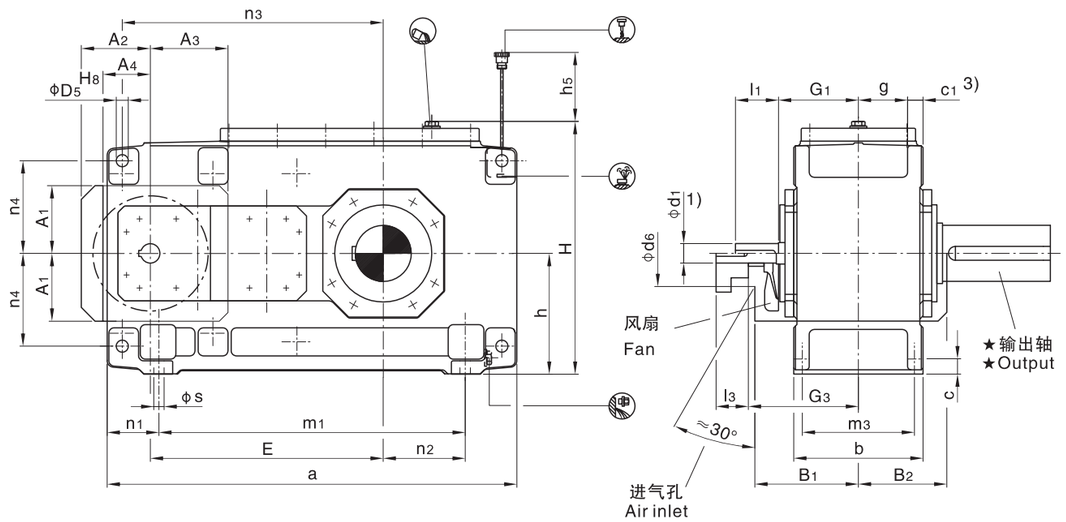
EH/EB

平行轴齿轮箱 Helical gear units　　三级传动 Three Stage　　卧式安装 Horizontal

类型 TYPES EH3.H...

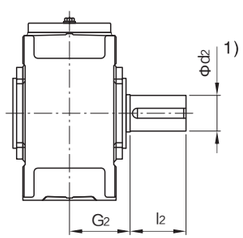
规格 SIZES 5...12

EH3SH
EH3HH
EH3DH
EH3KH

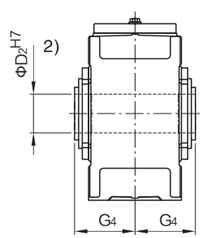


★ 输出轴 Output

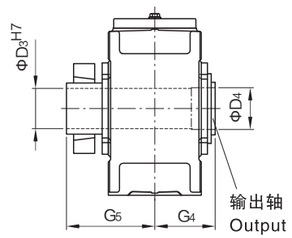
EH3SH
实心轴
Solid shaft



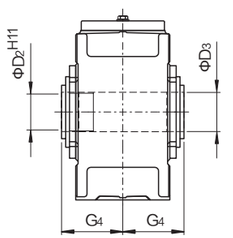
EH3HH
空心轴
Hollow shaft



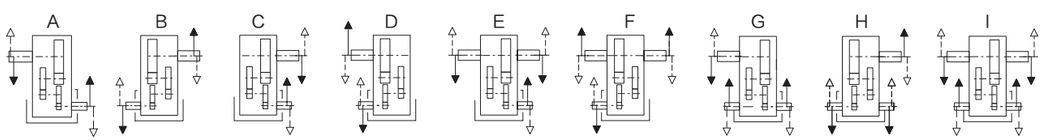
EH3DH
带胀紧盘的空心轴
Hollow shaft for shrink disk



EH3KH
花键空心轴
Hollow shaft with involute splines



布置形式 Design



1)k6≤Φ50 m6>Φ50 有关平键 GB/T1095-1979型和中心孔,参见第321-322页。 For parallel key GB/T1095-1979 and for center hole,see page 321-322.
2)在安装基础螺栓前,应拆下风扇罩。 Remove air guide cover before fitting the foundation bolts.
3)扭力支撑位于工作机侧。 Torque support on driven machine side.

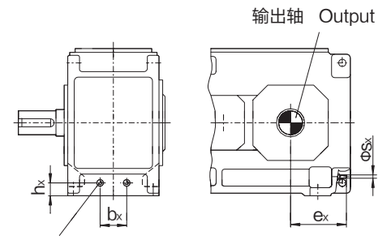
注：尺寸 mm　　Note：Dimensions in mm

规格 Size		输入轴 Input											布置形式 Design G, H, I 仅用于 only for iN=		冷却风扇 Fan						
		iN=25-45			iN=50-63			iN=71-90													
		iN=31.5-56			iN=63-80			iN=90-112													
		d1 1)	l1	l3	d1 1)	l1	l3	d1 1)	l1	l3	G1	G3			A1	A2	A3	A4	B1	B2	d6
5	+6	40	70	70	30	50	50	24	40	40	160	220	25-90	31.5-112	137	135	140	80	215	175	60
7	+8	45	80	80	35	60	60	28	50	50	185	250	25-90	31.5-112	157	160	180	100	245	205	75
9	+10	60	125	105	45	100	80	32	80	60	230	300	25-90	31.5-112	182	190	205	120	295	240	90
11	+12	70	120	120	50	80	80	42	70	70	255	330	25-90	31.5-112	218	220	255	150	325	280	100

规格 Size	齿轮箱 Gear units									
	b	c	c1	D5	g	h	m3	n1	n4	s
5+6	255	28	30±1	24	97.5	230	220	105	180	19
7+8	300	35	36±1	28	114	280	260	120	215	24
9+10	370	40	45±1.5	36	140	320	320	145	245	28
11+12	430	50	54±1.5	40	161	380	370	165	300	35

规格 Size	齿轮箱 Gear units							输出轴 Output									
								EH3SH			EH3HH		EH3DH				EH3KH
	a	E	h5	H	m1	n2	n3	d2 1)	G2	l2	D2 2)	G4	D3	D4	G4	G5	
5	690	405	130	482	480	100	455	100	165	210	95	165	100	100	165	240	见327-330页 See page 327-330
6	770	440	130	482	560	145	490	110	165	210	105	165	110	110	165	240	
7	845	495	170	572	605	130	560	120	195	210	115	195	120	120	195	280	
8	950	540	160	582	710	190	605	130	195	250	125	195	130	130	195	285	
9	1000	580	185	662	710	155	660	140	235	250	135	235	140	145	235	330	
10	1100	630	185	662	810	205	710	160	235	300	150	235	150	155	235	350	
11	1200	705	180	782	870	180	805	170	270	300	165	270	165	170	270	400	
12	1355	775	170	790	1025	265	875	180	270	300	180	270	180	185	270	405	

规格 Size	润滑油 Oil (L)	重量 Weight (kg)
5	15	320
6	17	365
7	28	540
8	30	625
9	45	875
10	46	1020
11	85	1400
12	90	1675



规格 Size	冷却盘管 Cooling coil bx	ex	hx	Sx	x) L/min
5	70	175	60	G1/2	4
6	70	220	69	G1/2	4
7	80	210	83	G1/2	4
8	80	270	83	G1/2	4
9	150	245	107	G1/2	4
10	90	295	95	G1/2	4
11	200	275	115	G1/2	8
12	200	360	115	G1/2	8

1)冷却盘管适用于淡水, 海水或有咸味的水。
Cooling coil suitable for fresh, sea or brackish water
2)x)所需冷却水量。 Cooling water quantity required.

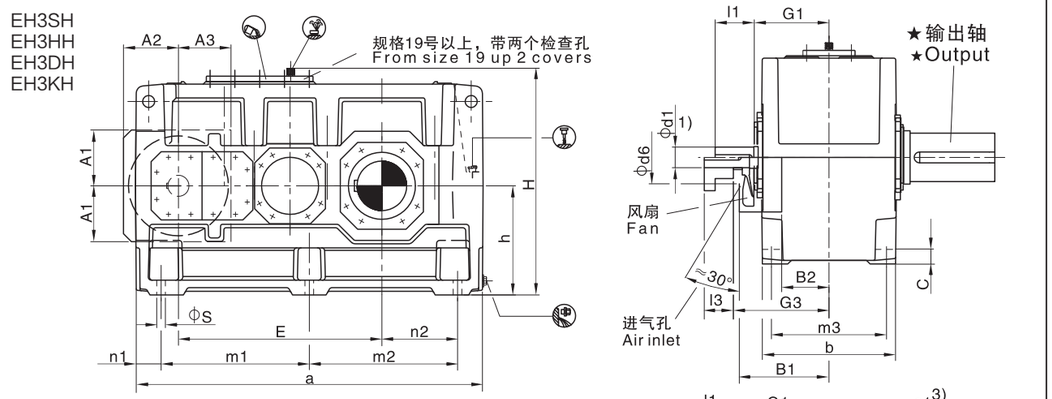
制造商保留修改的权限 Manufacturer reserves modify permissions

平行轴齿轮箱 Helical gear units　　三级传动 Three Stage　　卧式安装 Horizontal

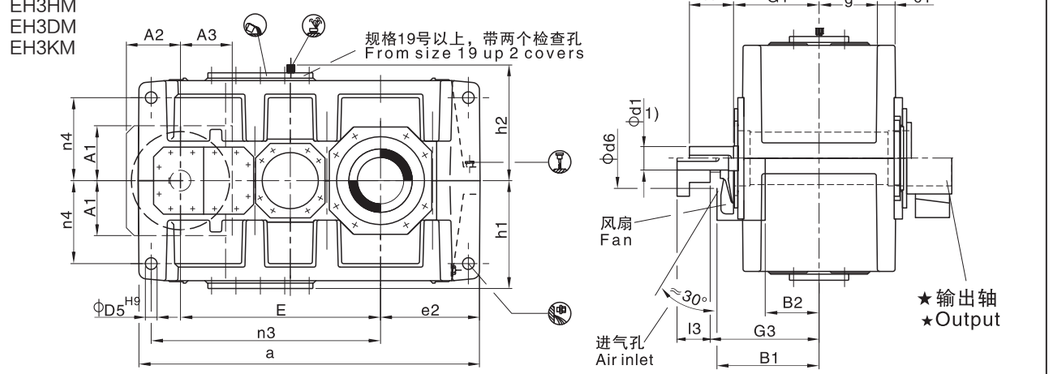
类型 TYPES EH3.H...,EH3.M...

规格 SIZES 13...22

EH3SH
EH3HH
EH3DH
EH3KH

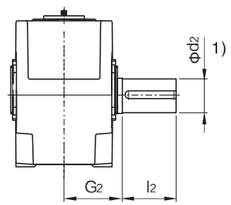


EH3HM
EH3DM
EH3KM

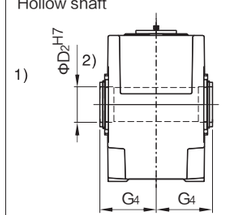


★ 输出轴 Output

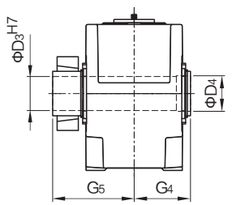
EH3SH
实心轴
Solid shaft



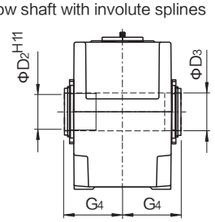
EH3HH , EH3HM
空心轴
Hollow shaft



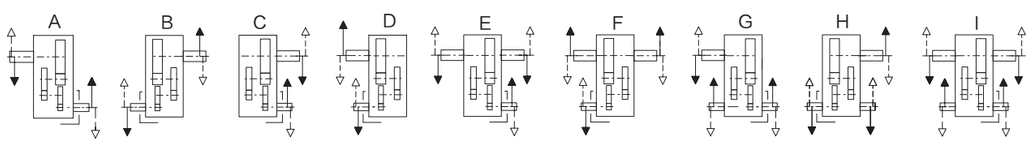
EH3DH , EH3DM
带胀紧盘的空心轴
Hollow shaft for shrink disk



EH3KH , EH3KM
花键空心轴
Hollow shaft with involute splines



布置形式 Design



1)k6≤Φ50 m6>Φ50 有关平键 GB/T1095-1979型和中心孔,参见第321-322页。 For parallel key GB/T1095-1979 and for center hole,see page 321-322.
2)在安装基础螺栓前,应拆下风扇罩。 Remove air guide cover before fitting the foundation bolts.
3)扭力支撑位于工作机侧。 Torque support on driven machine side.

注：尺寸 mm　　Note：Dimensions in mm

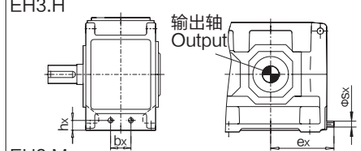
规格 Size		输入轴 Input: iN=22.4-45 / iN=25-50 / iN=28-56 d1 1)	l1	l3	iN=50-63 / iN=56-71 / iN=63-80 d1 1)	l1	l3	iN=71-90 / iN=80-100 / iN=90-112 d1 1)	l1	l3	G1	G3	布置形式 Design G, H, I 仅用于 only for iN=		冷却风扇 Fan A1	A2	A3	B1	B2	d6
13	+14	85	160	130	60	135	105	50	110	80	310	385	22.4-90	28-112	225	225	212	380	195	120
15	+16	100	200	165	75	140	105	60	140	105	350	420	22.4-90	25-100	270	265	252	415	205	150
17	+18	100	200	165	75	140	105	60	140	105	380	450	22.4-90	25-100	270	265	252	445	235	150
19	+20	110	200		90	165		75	140		430		根据用户要求提供 On request							
21	+22	130	240		110	205		90	170		470									

规格 Size	齿轮箱 Gear units b	c	c1	D5	g	h	h1	h2	m3	n1	n4	s	H	m1
13+14	550	60	61 ±2	48	211.5	440	450	460	475	100	340	35	900	597.5
15+16	625	70	72 ±2	55	238	500	490	500	535	120	375	42	1000	720
17+18	690	80	81 ±2	55	259	550	555	560	600	135	425	42	1110	750
19+20	790	90	91 ±2	65	299	620	615	620	690	155	475	48	1240	860
21+22	830	100	100±2	75	310	700	685	690	720	170	520	56	1390	1000

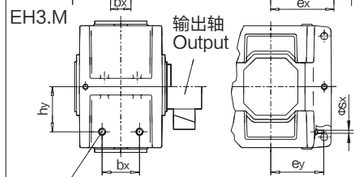
规格 Size	齿轮箱 Gear units a	e2	E	m2	n2	n3	输出轴 Output EH3SH d2 1)	G2	l2	EH3HH EH3HM D2 2)	G4	EH3DH EH3DM D3	D4	G4	G5	EH3KH EH3KM
13	1395	405	820	597.5	305	940	200	335	350	190	335	190	195	335	480	
14	1535	475	890	737.5	375	1010	210	335	350	210	335	210	215	335	480	
15	1680	485	987	720	365	1135	230	380	410	230	380	230	235	380	550	
16	1770	530	1033	810	410	1180	240	380	410	240	380	240	245	380	550	
17	1770	525	1035	750	390	1175	250	415	410	250	415	250	260	415	600	见327-330页 See page 327-330
18	1890	585	1095	870	450	1235	270	415	470	275	415	280	285	415	600	
19	2030	590	1190	860	435	1365	290	465	470	–	–	285	295	465	670	
20	2150	650	1250	980	495	1425	300	465	500	–	–	310	315	465	670	
21	2340	655	1387	1000	485	1615	320	490	500	–	–	330	335	490	715	
22	2450	710	1442	1100	540	1670	340	490	550	–	–	340	345	490	725	

规格 Size	润滑油 Oil (L) MTH3.H	MTH3.M	重量 Weight (kg) MTH3.H	MTH3.M
13	160	125	2295	2155
14	165	130	2625	2490
15	235	190	3475	3260
16	245	195	3875	3625
17	305	240	4560	4250
18	315	250	5030	4740
19	420	390	6700	6200
20	450	415	8100	7600
21	470	515	9100	8500
22	490	540	9800	9300

EH3.H



EH3.M



冷却盘管的冷却液接口
Water connection for cooling coil

规格 Size	冷却盘管 Cooling coil bx	ex	ey	hx	hy	Sx	x) L/min
13	252	460	335	116	300	G1/2	8
14	252	530	405	116	300	G1/2	8
15	290	540	395	119	335	G1/2	8
16	290	585	440	119	335	G1/2	8
17	300	580	425	134	380	G1/2	8
18	300	640	485	134	380	G1/2	8
19	敬请垂询 On request						
20							
21							
22							

1)冷却盘管适用于淡水, 海水或有咸味的水。
Cooling coil suitable for fresh, sea or brackish water
2)x)所需冷却水量。 Cooling water quantity required.

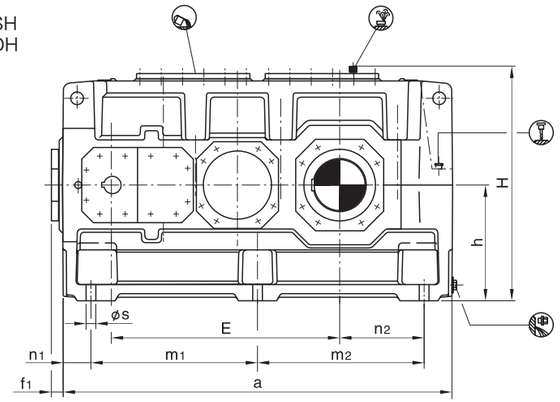
制造商保留修改的权限 Manufacturer reserves modify permissions

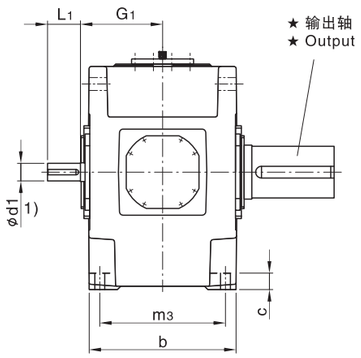
平行轴齿轮箱 Helical gear units　　三级传动 Three Stage　　卧式安装 Horizontal

类型 TYPES EH3.H...,EH3.M...

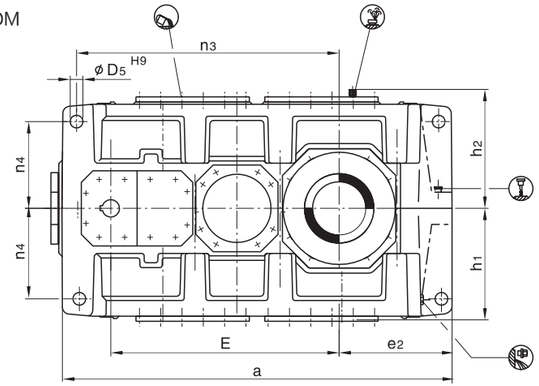
规格 SIZES 23...26

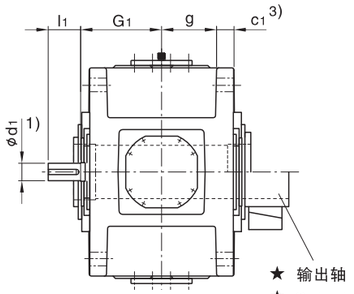
EH3SH
EH3DH





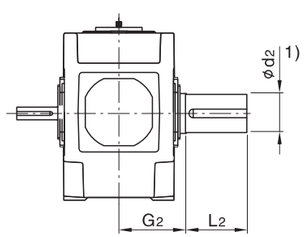
EH3DM



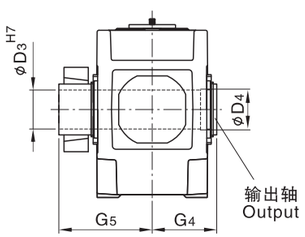


★ 输出轴 Output

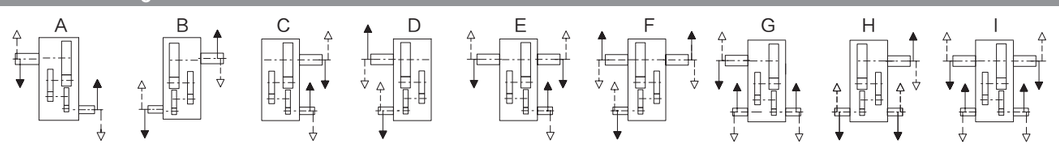
EH3SH
实心轴
Solid shaft



EH3DH,EH3DM
带胀紧盘的空心轴
Hollow shaft for shrink disk



布置形式 Design



1)k6≤Φ50 m6>Φ50 有关平键 GB/T1095-1979型和中心孔,参见第321-322页。 For parallel key GB/T1095-1979 and for center hole,see page 321-322.
2)在安装基础螺栓前,应拆下风扇罩。 Remove air guide cover before fitting the foundation bolts.

注：尺寸 mm　　Note：Dimensions in mm

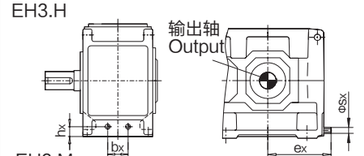
规格 Size		输入轴 Input							布置形式 Design G, H, I 仅用于 only for iN=
		iN=22.4－45		iN=50－63		iN=71－90			
		iN=25－50		iN=56－71		iN=80－100			
		d1 1)	l1	d1 1)	l1	d1 1)	l1	G1	
23	+24	130	240	110	205	90	170	510	敬请垂询 On request
25	+26	150	245	130	245	100	210	570	

规格 Size	齿轮箱 Gear units													
	b	c	c1	D5	g	h	h1	h2	m3	n1	n4	s	H	m1	f1
23+24	930	115	120±2	80	342	780	770	790	810	180	580	56	1570	1085	35
25+26	1045	130	120±2	90	400	860	860	860	910	200	660	66	1720	1215	65

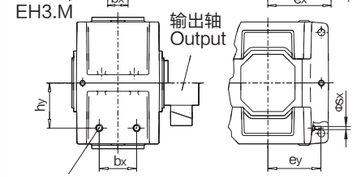
规格 Size	齿轮箱 Gear units						输出轴 Output						
							EH3SH			EH3DH EH3DM			
	a	e2	E	m2	n2	n3	d2 1)	G2	l2	D3	D4	G4	G5
23	2530	730	1505	1085	550	1725	360	540	590	360	365	540	785
24	2660	795	1570	1215	615	1790	380	540	590	380	385	540	805
25	2830	790	1659	1215	590	1965	400	605	650	400	405	605	875
26	3010	880	1785	1395	680	2055	420	605	650	430	435	605	900

规格 Size	润滑油 Oil (L)		重量 Weight (kg)	
	EH3.H	EH3.DM	EH3.H	EH3.DM
23	620	690	11500	10600
24	650	725	13400	12500
25	880	970	16100	15200
26	935	1030	17600	16500

EH3.H



EH3.M



冷却盘管的冷却液接口
Water connection for cooling coil

规格 Size	bx	ex	ey	hx	hy	sx	x) L/min
23	敬请垂询 On request						
24							
25							
26							

1)冷却盘管适用于淡水, 海水或有咸味的水。
Cooling coil suitable for fresh, sea or brackish water
2)x)所需冷却水量。 Cooling water quantity required.

制造商保留修改的权限 Manufacturer reserves modify permissions

平行轴齿轮箱 Helical gear units

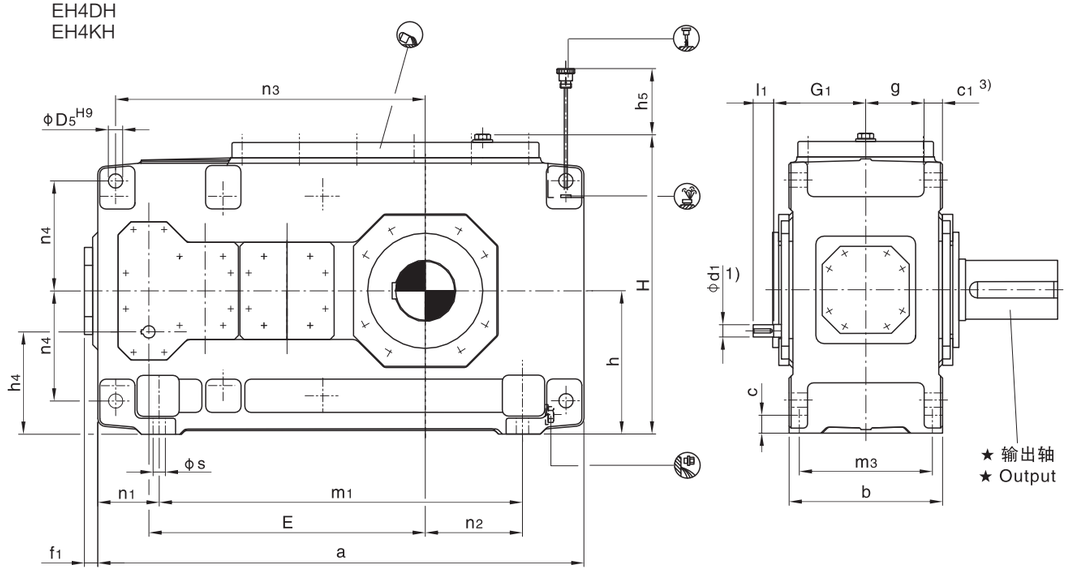
四级传动 Four Stage

卧式安装 Horizontal

类型 TYPES EH4.H...

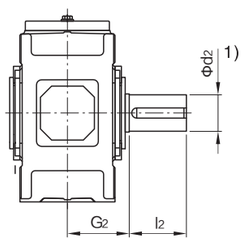
规格 SIZES 7...12

EH4SH
EH4HH
EH4DH
EH4KH

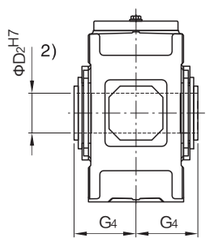


★ 输出轴 Output

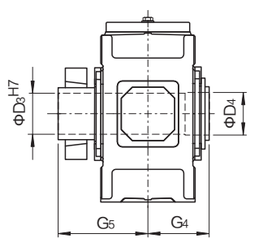
EH4SH
实心轴
Solid shaft



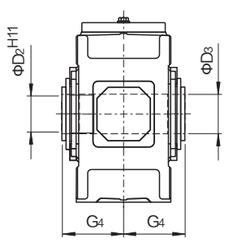
EH4HH
空心轴
Hollow shaft



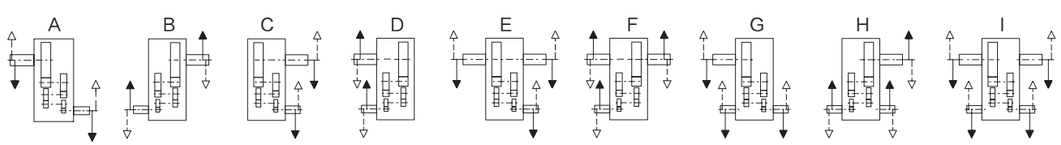
EH4DH
带胀紧盘的空心轴
Hollow shaft for shrink disk



EH4KH
花键空心轴
Hollow shaft with involute splines



布置形式 Design



1)k6≤Φ50 m6>Φ50 有关平键 GB/T1095-1979型和中心孔,参见第321-322页。 For parallel key GB/T1095-1979 and for center hole,see page 321-322.
2)在安装基础螺栓前,应拆下风扇罩。 Remove air guide cover before fitting the foundation bolts.
3)扭力支撑位于工作机侧。 Torque support on driven machine side.

注：尺寸 mm Note：Dimensions in mm

规格 Size		输入轴 Input					布置形式 Design G, H, I 仅用于 only for iN=	
		iN=100－180 iN=125－224		iN=200－355 iN=250－450				
		d1 1)	l1	d1 1)	l1	G1		
7	+8	30	50	24	40	180	100–224	125–280
9	+10	35	70	28	50	215	100–250	125–315
11	+12	45	100	32	80	250	100–250	125–315

规格 Size	齿轮箱 Gear units												
	b	c	c1	D5	g	h	h4	m3	n1	n4	s	f1	h5
7+8	300	35	36±1	28	114	280	200	260	120	215	24	37	140
9+10	370	40	45±1.5	36	140	320	230	320	145	245	28	43	150
11+12	430	50	54±1.5	40	161	380	270	370	165	300	35	47	165

规格 Size	齿轮箱 Gear units						输出轴 Output									
							EH4SH			EH4HH		EH4DH				EH4KH
	a	E	H	m1	n2	n3	d2 1)	G2	l2	D2 2)	G4	D3	D4	G4	G5	
7	845	495	572	605	130	560	120	195	210	115	195	120	120	195	280	见327–330页 See page 327–330
8	950	540	582	710	190	605	130	195	250	125	195	130	130	195	285	
9	1000	580	662	710	155	660	140	235	250	135	235	140	145	235	330	
10	1100	630	662	810	205	710	160	235	300	150	235	150	155	235	350	
11	1200	705	782	870	180	805	170	270	300	165	270	165	170	270	400	
12	1355	775	790	1025	265	875	180	270	300	180	270	180	185	270	405	

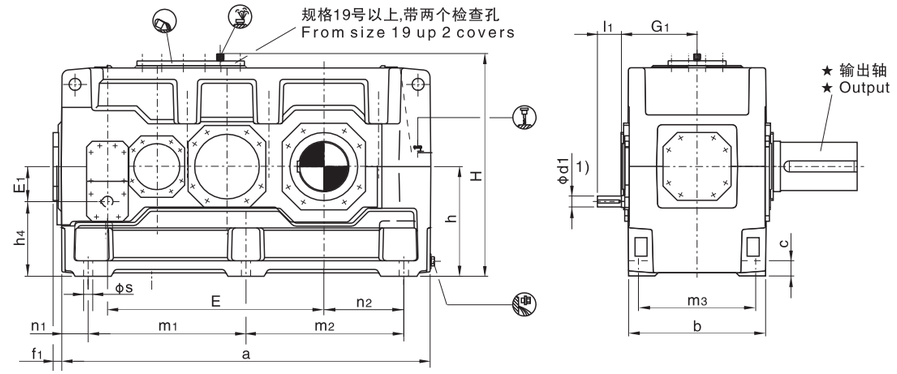
规格 Size	润滑油 Oil (L)	重量 Weight (kg)
7	25	550
8	27	645
9	48	875
10	50	1010
11	80	1460
12	87	1725

平行轴齿轮箱 Helical gear units　　**四级传动** Four Stage　　**卧式安装** Horizontal

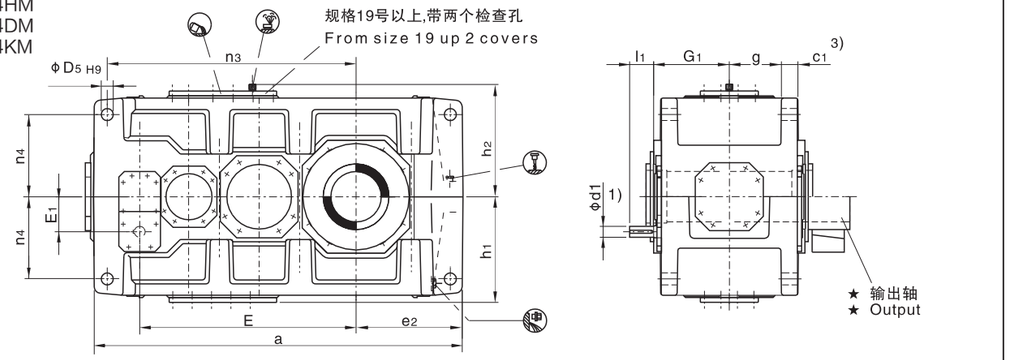
类型 TYPES EH4.H...,EH4.M...

规格 SIZES 13...22

EH4SH
EH4HH
EH4DH
EH4KH

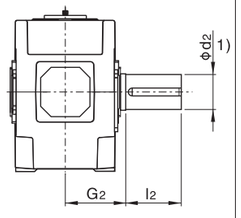


EH4HM
EH4DM
EH4KM

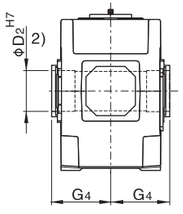


★ 输出轴 Output

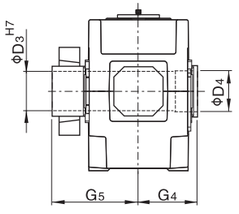
EH4SH
实心轴
Solid shaft



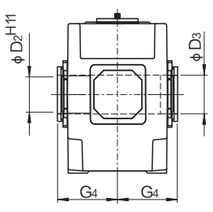
EH4HH EH4HM
空心轴
Hollow shaft



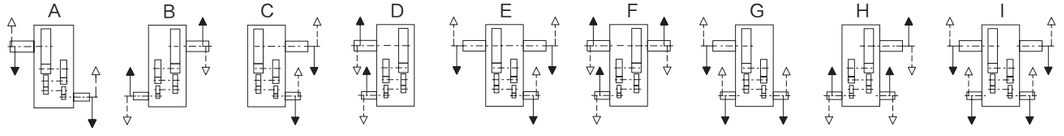
EH4DH EH4DM
带胀紧盘的空心轴
Hollow shaft for shrink disk



EH4KH EH4KM
花键空心轴
Hollow shaft with involute splines



布置形式 Design



1)k6≤Φ50 m6＞Φ50 有关平键 GB/T1095-1979型和中心孔,参见第321-322页。For parallel key GB/T1095-1979 and for center hole,see page 321-322.
2)在安装基础螺栓前,应拆下风扇罩。Remove air guide cover before fitting the foundation bolts.
3)扭力支撑位于工作机侧。Torque support on driven machine side.

注：尺寸 mm　　Note：Dimensions in mm

规格 Size		输入轴 Input					布置形式 Design G, H, I 仅用于 only for iN=	
		iN=100－180		iN=200－355				
		iN=112－200		iN=224－400				
		iN=125－224		iN=250－450				
		d1 1)	l1	d1 1)	l1	G1		
13	+14	50	100	38	80	305	100–250	125–315
15	+16	60	135	50	110	345	100–250	112–280
17	+18	60	105	50	80	380	–	–
19	+20	75	105	60	105	440	–	–
21	+22	90	165	70	140	460	–	–

规格 Size	齿轮箱 Gear units																
	b	c	c1	D5	g	h	h1	h2	h4	m3	n1	n4	s	H	m1	E1	f1
13+14	550	60	61±2	48	214	440	450	460	310	475	100	340	35	900	597.5	130	47
15+16	625	70	72±2	55	238	500	490	500	340	535	120	375	42	1000	720	160	56
17+18	690	80	81±2	55	259	550	555	560	390	600	135	425	42	1110	750	160	53
19+20	790	90	91±2	65	299	620	615	620	435	690	155	475	48	1240	860	185	53
21+22	830	100	100±2	75	310	700	685	690	475	720	170	520	56	1390	1000	225	62

规格 Size	齿轮箱 Gear units						输出轴 Output									
							EH4SH			EH4HH EH4HM		EH4DH EH4DM				EH4KH EH4KM
	a	e2	E	m2	n2	n3	d2 1)	G2	l2	D2 2)	G4	D3	D4	G4	G5	
13	1395	405	820	597.5	305	940	200	335	350	190	335	190	195	335	480	见327-330页 See page 327-330
14	1535	475	890	737.5	375	1010	210	335	350	210	335	210	215	335	480	
15	1680	485	987	720	365	1135	230	380	410	230	380	230	235	380	550	
16	1770	530	1033	810	410	1180	240	380	410	240	380	240	245	380	550	
17	1770	525	1035	750	390	1175	250	415	410	250	415	250	260	415	600	
18	1890	585	1095	870	450	1235	270	415	470	275	415	280	285	415	600	
19	2030	590	1190	860	435	1365	290	465	470	–	–	285	295	465	670	
20	2150	650	1250	980	495	1425	300	465	500	–	–	310	315	465	670	
21	2340	655	1387	1000	485	1615	320	490	500	–	–	330	335	490	715	
22	2450	710	1442	1110	540	1670	340	490	550	–	–	340	345	490	725	

规格 Size	润滑油 Oil (L)		重量 Weight (kg)	
	EH4.H	EH4.M	EH4.H	EH4.M
13	130	120	2390	2270
14	140	125	2730	2600
15	230	170	3635	3440
16	235	175	3965	3740
17	290	225	4680	4445
18	305	230	5185	4915
19	360	310	6800	6300
20	380	330	8200	7700
21	395	430	9200	8600
22	420	450	9900	9400

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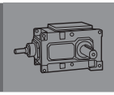
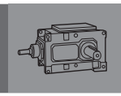


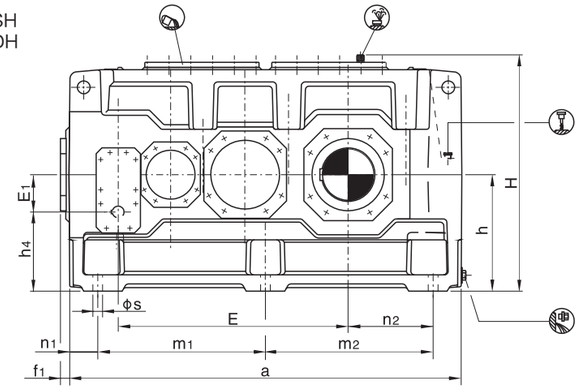


平行轴齿轮箱 Helical gear units　**四级传动** Four Stage　**卧式安装** Horizontal

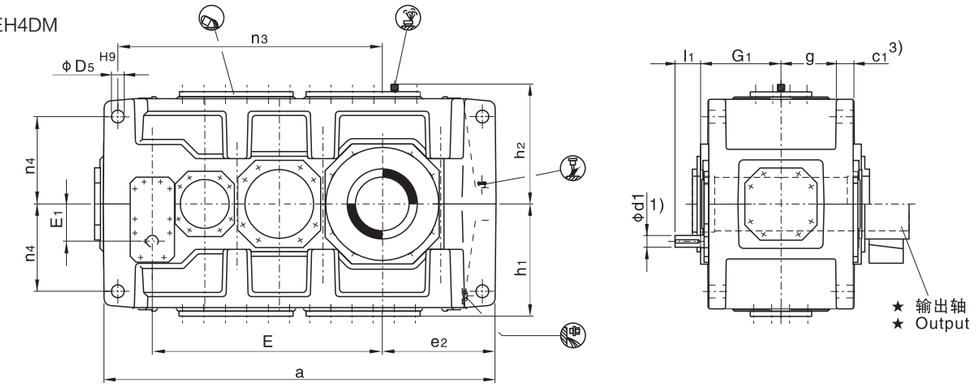
类型 TYPES EH4.H...,EH4.M...

规格 SIZES 23...26

EH4SH
EH4DH

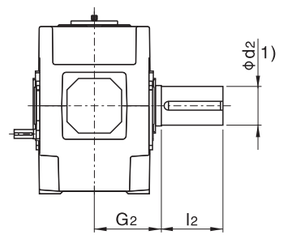


EH4DM

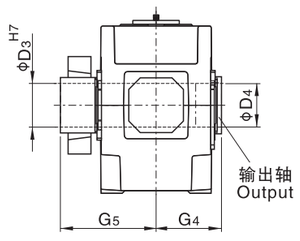


★ 输出轴 Output

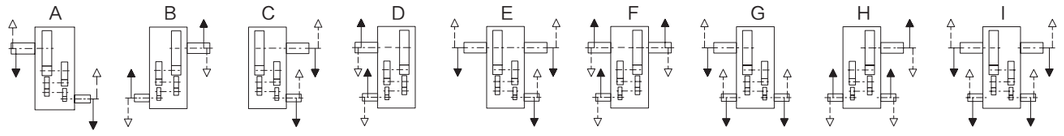
EH4SH
实心轴
Solid shaft



EH4DH EH4DM
带胀紧盘的空心轴
Hollow shaft for shrink disk



布置形式 Design



1)k6≤Φ50 m6＞Φ50 有关平键 GB/T1095-1979型和中心孔,参见第321-322页。 For parallel key GB/T1095-1979 and for center hole,see page 321-322.
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3)扭力支撑位于工作机侧。 Torque support on driven machine side.

注：尺寸 mm　Note：Dimensions in mm

规格 Size		输入轴 Input				
		i_N=100－180		i_N=200－355		
		i_N=112－200		i_N=224－400		
		d_1 1)	l_1	d_1 1)	l_1	G_1
23	+24	90	130	70	105	505
25	+26	100	205	85	170	565

规格 Size	齿轮箱 Gear units																
	b	c	c_1	D_5	g	h	h_1	h_2	h_4	m_3	n_1	n_4	s	H	m_1	f_1	E_1
23+24	930	115	120±2	80	342	780	770	790	555	810	180	580	56	1570	1085	35	225
25+26	1045	130	120±2	90	400	860	860	860	595	910	200	660	66	1720	1215	65	265

规格 Size	齿轮箱 Gear units						输出轴 Output						
							EH4SH			EH4DH EH4DM			
	a	e_2	E	m_2	n_2	n_3	d_2 1)	G_2	l_2	D_3	D_4	G_4	G_5
23	2530	730	1505	1085	550	1725	360	540	590	360	365	540	785
24	2660	795	1570	1215	615	1790	380	540	590	380	385	540	805
25	2830	790	1659	1215	590	1965	400	605	650	400	405	605	875
26	3010	880	1785	1395	680	2055	420	605	650	430	435	605	900

规格 Size	润滑油 Oil (L)		重量 Weight (kg)	
	EH4.H	EH4.DM	EH4.H	EH4.DM
23	520	500	11600	10700
24	550	600	13500	12600
25	735	800	16100	15200
26	780	850	17600	16500

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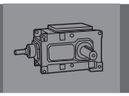
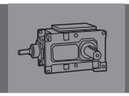


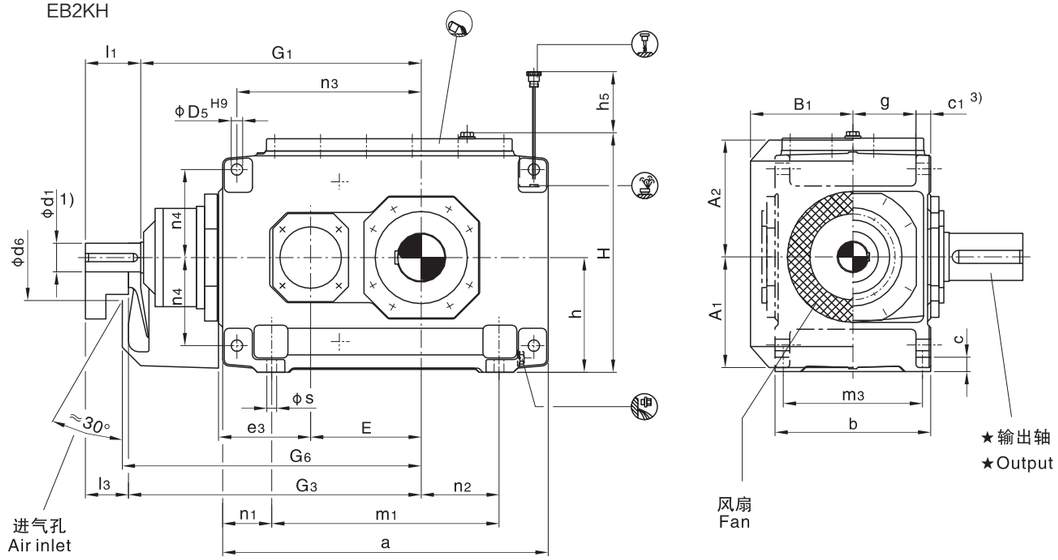


直交轴齿轮箱 Bevel-helical gear units　**二级传动** Two Stage　**卧式安装** Horizontal

类型 TYPES EB2.H...

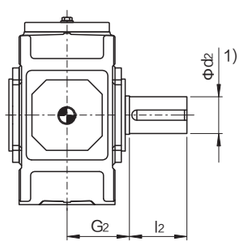
规格 SIZES 1...12

EB2SH
EB2HH
EB2DH
EB2KH

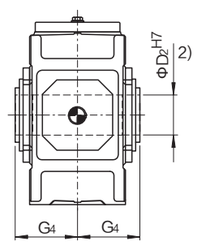


★ 输出轴 Output

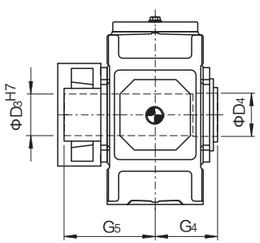
EB2SH
实心轴
Solid shaft



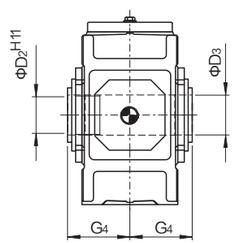
EB2HH
空心轴
Hollow shaft



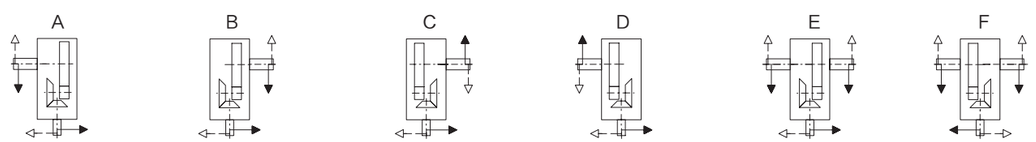
EB2DH
带胀紧盘的空心轴
Hollow shaft for shrink disk



EB2KH
花键空心轴
Hollow shaft with involute splines



布置形式 Design



1)k6≤Φ50 m6＞Φ50 有关平键 GB/T1095-1979型和中心孔,参见第321-322页。 For parallel key GB/T1095-1979 and for center hole,see page 321-322.
2)在安装基础螺栓前,应拆下风扇罩。 Remove air guide cover before fitting the foundation bolts.
3)扭力支撑位于工作机侧。 Torque support on driven machine side.

注：尺寸 mm　Note：Dimensions in mm

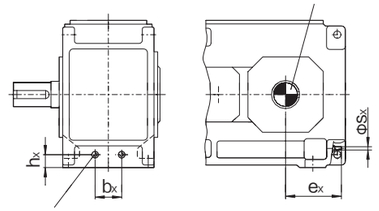
规格 Size	输入轴 Input										冷却风扇 Fan			
	iN=5－11.2 iN=6.3－14			iN=12.5－18										
	d1 1)	l1	l3	d1 1)	l1	l3	G1	G3	G1	G3	A1	A2	B1	d6
1	28	55	40	20	50	35	300	315			125	130	128	110
2	30	70	50	25	60	40	340	360			140	140	143	110
3	35	80	60	28	60	40	390	410			170	170	163	120
4	45	100	80				465	485	–	–	195	200	188	150
5 +6	55	110	80				535	565	570	600	220	235	215	160
7 +8	70	135	105				640	670	685	715	270	285	250	210
9 +10	80	165	130				755	790	805	840	310	325	270	195
11 +12	90	165	130				925	960	995	1030	370	385	328	210

规格 Size	齿轮箱 Gear units											
	b	c	c1	D5	e3	g	h	H	m3	n1	n4	s
1	180	18	16±1	12	90	74	130	275	155	60	105	12
2	205	18	20±1	14	110	82.5	145	305	180	65	115	12
3	225	22	24±1	18	130	88.5	175	360	195	80	132.5	15
4	270	28	30±1	24	160	105	200	415	235	105	150	19
5+6	320	28	30±1	24	185	130	230	482	285	105	180	19
7+8	380	35	36±1	28	225	154	280	582	340	120	215	24
9+10	440	40	45±1.5	36	265	172	320	662	390	145	245	28
11+12	530	50	54±1.5	40	320	211	380	790	470	165	300	35

规格 Size	齿轮箱 Gear units							输出轴 Output									
								EB2SH			EB2HH		EB2DH				EB2KH
	a	E	h5	G6	m1	n2	n3	d2 1)	G2	l2	D2 2)	G4	D3	D4	G4	G5	
1	305	90	80	325	185	70	160	45	120	80	–	–	–	–	–	–	见327-330页 See page 327-330
2	355	110	80	370	225	75	195	55	135	110	55	135	60	60	135	180	
3	405	130	90	420	245	70	235	65	145	140	65	145	70	70	145	200	
4	505	160	80	495	295	85	285	80	170	170	80	170	85	85	170	235	
5	565	185	150	575	355	100	330	100	200	210	95	200	100	100	200	275	
6	645	220	150	610	435	145	365	110	200	210	105	200	110	110	200	275	
7	690	225	180	685	450	130	405	120	235	210	115	235	120	120	235	320	
8	795	270	190	730	555	190	450	130	235	250	125	235	130	130	235	325	
9	820	265	205	805	530	155	480	140	270	250	135	270	140	145	270	365	
10	920	315	215	855	630	205	530	160	270	300	150	270	150	155	270	385	
11	975	320	240	980	645	180	580	170	320	300	165	320	165	170	320	450	
12	1130	390	250	1050	800	265	650	180	320	300	180	320	180	185	320	455	

规格 Size	润滑油 Oil (L)	重量 Weight (kg)
1	2	65
2	4	90
3	6	140
4	10	235
5	16	360
6	19	410
7	31	615
8	34	700
9	48	1000
10	50	1155
11	80	1640
12	95	1910

输出轴 Output



冷却盘管的冷却液接口
Water connection for cooling coil

1)冷却盘管适用于淡水, 海水或有咸味的水。
Cooling coil suitable for fresh, sea or brackish water.
2)x)所需冷却水量。 Cooling water quantity required.

规格 Size	冷却盘管 Cooling coil					
	bx	ex	hx	Sx		x) L/min
1	64	125	40	G1/4		4
2	78	130	40	G1/4		4
3	58	140	52	G1/2		4
4	74	160	54	G1/2		4
5	130	175	62	G1/2		8
6	120	220	68	G1/2		8
7	140	210	80	G1/2		8
8	140	270	80	G1/2		8
9	232	245	110	G1/2		8
10	150	295	90	G1/2		8
11	312	275	115	G1/2		8
12	300	360	115	G1/2		8

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直交轴齿轮箱 Bevel-helical gear units

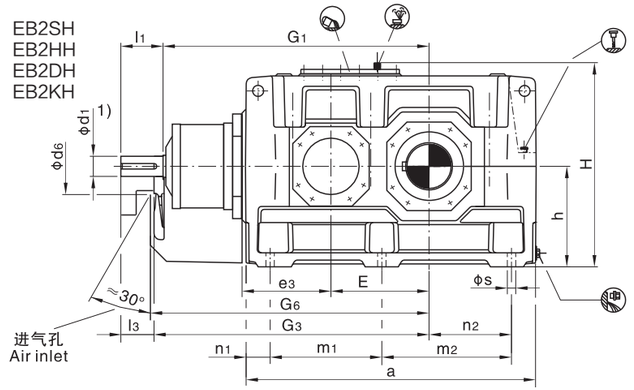
二级传动 Two Stage

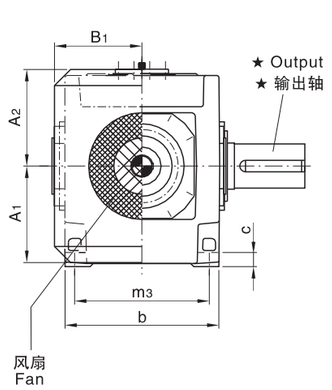
卧式安装 Horizontal

类型 TYPES EB2.H...,EB2.M...

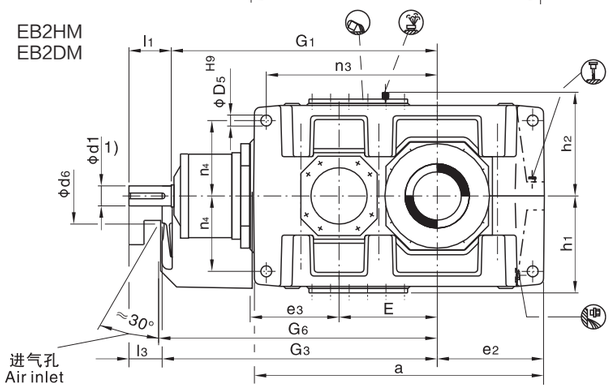
规格 SIZES 13...18

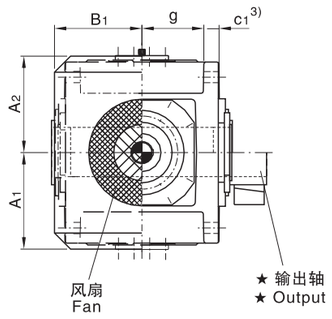
EB2SH
EB2HH
EB2DH
EB2KH





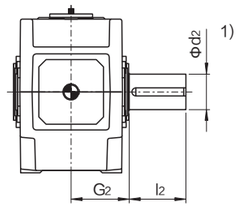
EB2HM
EB2DM



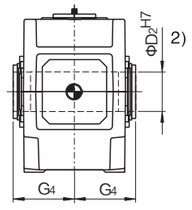


★ 输出轴 Output

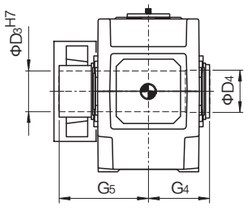
EB2SH
实心轴
Solid shaft



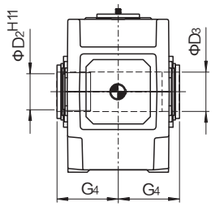
EB2HH EB2HM
空心轴
Hollow shaft



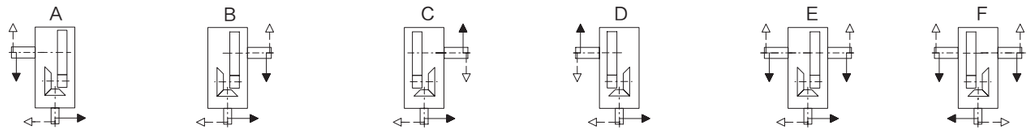
EB2DH EB2DM
带胀紧盘的空心轴
Hollow shaft for shrink disk



EB2KH EB2KM
花键空心轴
Hollow shaft with involute splines



布置形式 Design



1)k6≤Φ50 m6>Φ50 有关平键 GB/T1095-1979型和中心孔,参见第321-322页。For parallel key GB/T1095-1979 and for center hole,see page 321-322.
2)在安装基础螺栓前,应拆下风扇罩。Remove air guide cover before fitting the foundation bolts.
3)扭力支撑位于工作机侧。Torque support on driven machine side.

注：尺寸 mm Note：Dimensions in mm

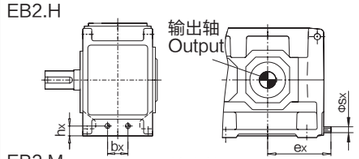
规格 Size	输入轴 Input										冷却风扇 Fan			
	iN=5-11.2 / iN=6.3-14 / iN=7.1-12.5			iN=5.6-11.2 / iN=5.6-12.5										
	d_1 1)	l_1	l_3	d_1 1)	l_1	l_3	G_1	G_3	G_1	G_3	A_1	A_2	B_1	d_6
13 +14	110	205	165				1070	1110	1140	1180	430	450	375	245
15	130	245	200				1277	1322	–	–	490	495	435	280
16				130	245	200	–	–	1323	1368	490	495	435	280
17				150	245	200	1435	1480	–	–	540	555	505	380
18	150	245	200				1495	1540	–	–	540	555	505	380

规格 Size	齿轮箱 Gear units														
	b	c	c_1	D_5	g	h	h_1	h_2	m_3	n_1	n_4	s	H	m_1	e_3
13+14	655	60	61±2	48	264	440	450	460	580	100	340	35	900	465	380
15+16	765	70	72±2	55	308	500	490	500	670	120	375	42	1000	555	450
17+18	885	80	81±2	65	356	550	555	560	780	135	420	48	1110	610	510

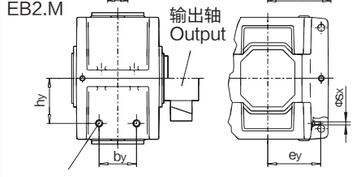
规格 Size	齿轮箱 Gear units							输出轴 Output										EB2KH EB2KM
								EB2SH			EB2HH EB2HM		EB2DH EB2DM					
	a	e_2	E	G_6	m_2	n_2	n_3	d_2 1)	G_2	l_2	D_2 2)	G_4	D_3	D_4	G_4	G_5		
13	1130	405	370	1130	465	305	675	200	390	350	–	–	–	–	–	–		
14	1270	475	440	1200	605	375	745	210	390	350	210	390	210	215	390	535		
15	1350	485	442	1340	555	365	805	230	460	410	–	–	–	–	–	–		见327-330页 See page 327-330
16	1440	530	488	1385	645	410	850	240	460	410	240	450	240	245	450	620		
17	1490	525	490	1500	610	390	895	250	540	410	–	–	–	–	–	–		
18	1610	585	550	1560	730	450	955	270	540	470	275	510	280	285	510	700		

规格 Size	润滑油 Oil (L)		重量 Weight (kg)	
	EB2.H	EB2.M	EB2.H	EB2.M
13	140	120	2450	2350
14	155	130	2825	2725
15	220	180	3990	3795
16	230	190	4345	4160
17	320	260	5620	5320
18	335	275	6150	5860

EB2.H



EB2.M



冷却盘管的冷却液接口
Water connection for cooling coil

规格 Size	冷却盘管 Cooling coil							
	b_x	b_y	e_x	e_y	h_x	h_y	s_x	x) L/min
13	324	324	460	335	116	300	G1/2	8
14	324	324	530	405	116	300	G1/2	8
15	396	396	540	395	119	335	G1/2	8
16	396	396	585	440	119	335	G1/2	8
17	468	324	580	425	134	380	G1/2	8
18	468	324	640	485	134	380	G1/2	8

1)冷却盘管适用于淡水, 海水或有咸味的水。
Cooling coil suitable for fresh, sea or brackish water.
2)x)所需冷却水量。 Cooling water quantity required.

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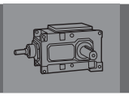


直交轴齿轮箱 Bevel-helical gear units

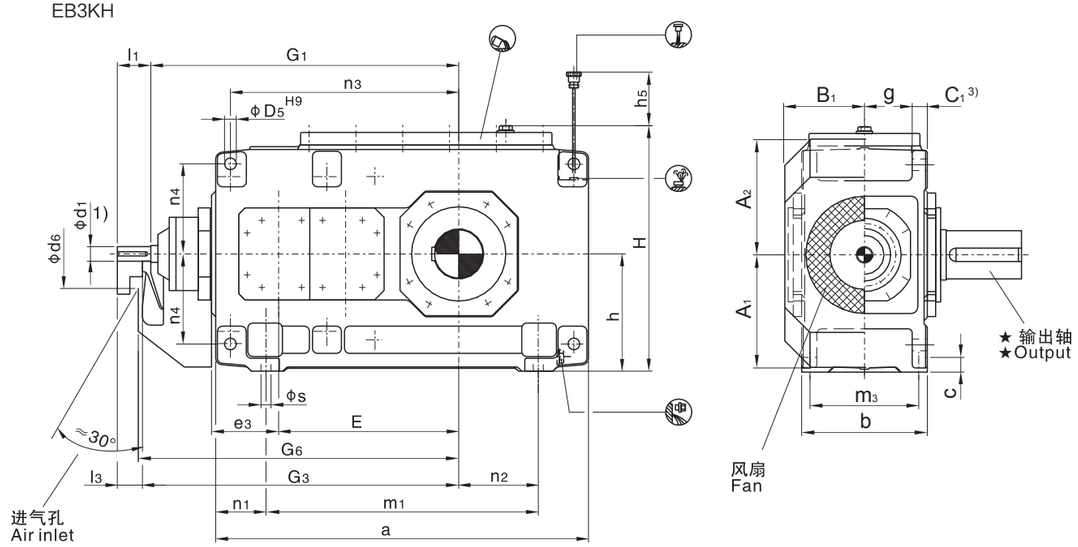
三级传动 Three Stage

卧式安装 Horizontal

类型 TYPES EB3.H...

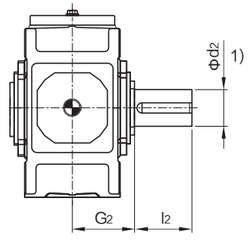
规格 SIZES 3...12

EB3SH
EB3HH
EB3DH
EB3KH

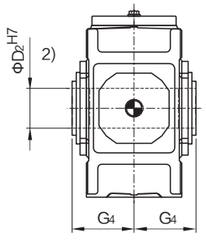


★ 输出轴 Output

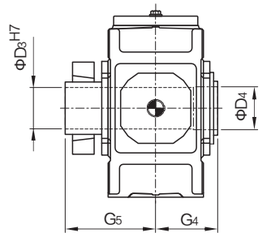
EB3SH
实心轴
Solid shaft



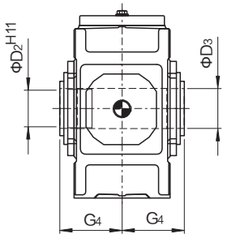
EB3HH
空心轴
Hollow shaft



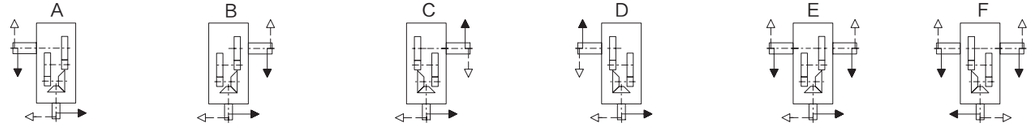
EB3DH
带胀紧盘的空心轴
Hollow shaft for shrink disk



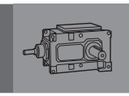
EB3KH
花键空心轴
Hollow shaft with involute splines



布置形式 Design



1)k6≤Φ50 m6>Φ50 有关平键 GB/T1095-1979型和中心孔,参见第321-322页。 For parallel key GB/T1095-1979 and for center hole,see page 321-322.
2)在安装基础螺栓前,应拆下风扇罩。 Remove air guide cover before fitting the foundation bolts.
3)扭力支撑位于工作机侧。 Torque support on driven machine side.



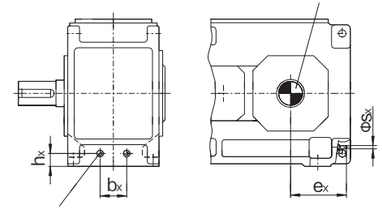
注：尺寸 mm Note：Dimensions in mm

规格 Size	输入轴 Input									冷却风扇 Fan							
	iN=12.5-45 iN=16-56			iN=20-45			iN=50-71 iN=63-90										
	d1 1)	l1	l3	d1 1)	l1	l3	d1 1)	l1	l3	G1	G3	G1	G3	A1	A2	B1	d6
3				28	55	40	20	50	35	430	445			170	170	128	90
4	30	70	50				25	60	40	500	520			195	200	143	110
5 +6	35	80	60				28	60	40	575	595	610	630	220	235	168	130
7 +8	45	100	80				35	80	60	690	710	735	755	275	275	193	165
9 +10	55	110	80				40	100	70	800	830	850	880	315	325	231	175
11 +12	70	135	105				50	110	80	960	990	1030	1060	370	385	263	190

规格 Size	齿轮箱 Gear units										
	b	c	c1	D5	g	h	m3	n1	n4	s	e3
3	190	22	24±1	18	71	175	160	80	132.5	15	90
4	215	28	30±1	24	77.5	200	180	105	150	19	110
5+6	255	28	30±1	24	97.5	230	220	105	180	19	130
7+8	300	35	36±1	28	114	280	260	120	215	24	160
9+10	370	40	45±1.5	36	140	320	320	145	245	28	185
11+12	430	50	54±1.5	40	161	380	370	165	300	35	225

规格 Size	齿轮箱 Gear units								输出轴 Output									
									EB3SH			EB3HH		EB3DH				EB3KH
	a	E	G6	h5	H	m1	n2	n3	d2 1)	G2	l2	D2 2)	G4	D3	D4	G4	G5	
3	450	220	455	100	360	290	65	285	65	125	140	65	125	70	70	125	180	见327-330页 See page 327-330
4	565	270	530	100	415	355	85	345	80	140	170	80	140	85	85	140	205	
5	640	315	610	130	482	430	100	405	100	165	210	95	165	100	100	165	240	
6	720	350	640	130	482	510	145	440	110	165	210	105	165	110	110	165	240	
7	785	385	720	170	572	545	130	500	120	195	210	115	195	120	120	195	280	
8	890	430	765	160	582	650	190	545	130	195	250	125	195	130	130	195	285	
9	925	450	845	175	662	635	155	585	140	235	250	135	235	140	145	235	330	
10	1025	500	895	175	662	735	205	635	160	235	300	150	235	150	155	235	350	
11	1105	545	1010	220	795	775	180	710	170	270	300	165	270	165	170	270	400	
12	1260	615	1080	210	795	930	265	780	180	270	300	180	270	180	185	270	405	

规格 Size	润滑油 Oil (L)	重量 Weight (kg)
3	6	130
4	9	210
5	14	325
6	15	380
7	25	550
8	28	635
9	40	890
10	42	1020
11	66	1455
12	72	1730



冷却盘管的冷却液接口
Water connection for cooling coil

规格 Size	冷却盘管 Cooling coil					
	bx	ex	hx	sx	x) L/min	
3	34	130	55	G1/2	4	
4	34	155	60	G1/2	4	
5	68	170	64	G1/2	4	
6	70	215	68	G1/2	4	
7	100	210	83	G1/2	4	
8	100	270	83	G1/2	4	
9	140	245	110	G1/2	8	
10	100	295	95	G1/2	8	
11	110	275	95	G1/2	8	
12	200	360	109	G1/2	8	

1)冷却盘管适用于淡水, 海水或有咸味的水。
Cooling coil suitable for fresh, sea or brackish water.
2)x)所需冷却水量。 Cooling water quantity required.

直交轴齿轮箱 Bevel-helical gear units

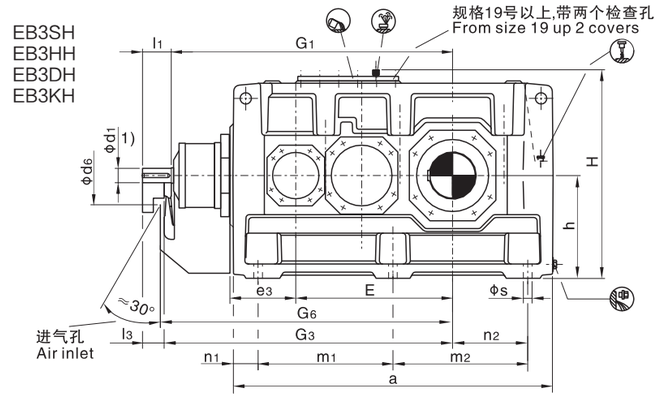
三级传动 Three Stage

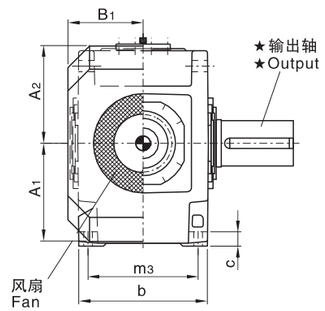
卧式安装 Horizontal

类型 TYPES EB3.H...,EB3.M...

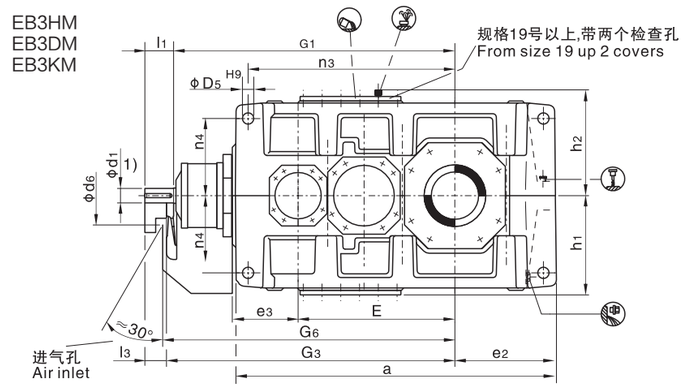
规格 SIZES 13...22

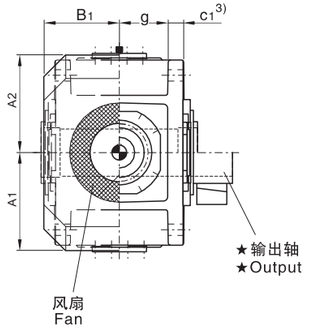
EB3SH
EB3HH
EB3DH
EB3KH





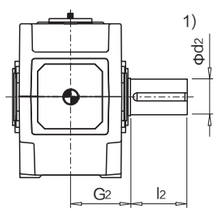
EB3HM
EB3DM
EB3KM



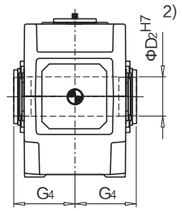


★ 输出轴 Output

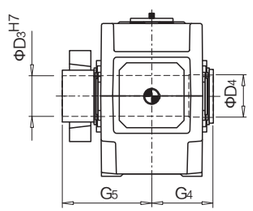
EB3SH
实心轴
Solid shaft



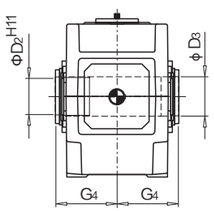
EB3HH EB3HM
空心轴
Hollow shaft



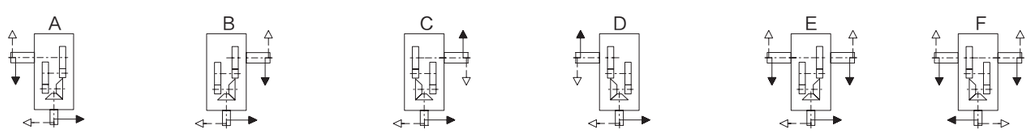
EB3DH EB3DM
带胀紧盘的空心轴
Hollow shaft for shrink disk



EB3KH EB3KM
花键空心轴
Hollow shaft with involute splines



布置形式 Design



1)k6≤Φ50 m6>Φ50 有关平键 GB/T1095-1979型和中心孔,参见第321-322页。 For parallel key GB/T1095-1979 and for center hole,see page 321-322.
2)在安装基础螺栓前,应拆下风扇罩。 Remove air guide cover before fitting the foundation bolts.
3)扭力支撑位于工作机侧。 Torque support on driven machine side.

注：尺寸 mm Note：Dimensions in mm

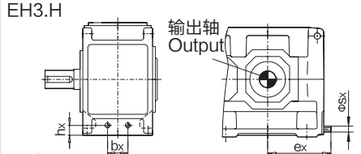
规格 Size		输入轴 Input						冷却风扇 Fan							
		iN=12.5-45 / iN=14-50 / iN=16-56			iN=50-71 / iN=56-80 / iN=63-90										
		d1 1)	l1	l3	d1 1)	l1	l3	G1	G3	G1	G3	A1	A2	B1	d6
13	+14	80	165	130	60	140	105	1125	1160	1195	1230	425	435	325	210
15	+16	90	165	130	70	140	105	1367	1402	1413	1448	485	520	365	210
17	+18	110	205	165	80	170	130	1560	1600	1620	1660	535	570	395	230
19	+20	130	245	200	100	210	165	1832	1877	1892	1937	610	630	448	245
21	+22	130	245	200	100	210	165	1902	1947	1957	2002	690	690	473	280

规格 Size	齿轮箱 Gear units														
	b	c	c1	D5	g	h	h1	h2	m3	n1	n4	s	H	m1	e3
13+14	550	60	61±2	48	211.5	440	450	460	475	100	340	35	900	545	265
15+16	625	70	72±2	55	238	500	490	500	535	120	375	42	1000	655	320
17+18	690	80	81±2	55	259	550	555	560	600	135	425	42	1110	735	370
19+20	790	90	91±2	65	299	620	615	620	690	155	475	48	1240	850	430
21+22	830	100	100±2	75	310	700	685	690	720	170	520	56	1390	900	450

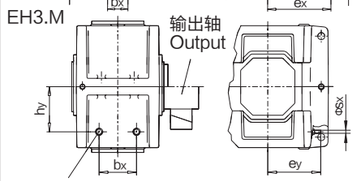
规格 Size	齿轮箱 Gear units							输出轴 Output									
								EB3SH			EB3HH EB3HM		EB3DH EB3DM				EB3KH EB3KM
	a	e2	E	G6	m2	n2	n3	d2 1)	G2	l2	D2 2)	G4	D3	D4	G4	G5	
13	1290	405	635	1180	545	305	835	200	335	350	190	335	190	195	335	480	见327-330页 See page 327-330
14	1430	475	705	1250	685	375	905	210	335	350	210	335	210	215	335	480	
15	1550	485	762	1420	655	365	1005	230	380	410	230	380	230	235	380	550	
16	1640	530	808	1470	745	410	1050	240	380	410	240	380	240	245	380	550	
17	1740	525	860	1620	735	390	1145	250	415	410	250	415	250	260	415	600	
18	1860	585	920	1680	855	450	1205	270	415	470	275	415	280	285	415	600	
19	2010	590	997	1900	850	435	1345	290	465	470	–	–	285	295	465	670	
20	2130	650	1057	1960	970	495	1405	300	465	500	–	–	310	315	465	670	
21	2140	655	1067	1970	900	485	1400	320	490	500	–	–	330	335	490	715	
22	2250	710	1122	2025	1010	540	1455	340	490	550	–	–	340	345	490	725	

规格 Size	润滑油 Oil (L)		重量 Weight (kg)	
	EB3.H	EB3.M	EB3.H	EB3.M
13	130	110	2380	2260
14	140	115	2750	2615
15	210	160	3730	3540
16	220	165	3955	3765
17	290	230	4990	4760
18	300	235	5495	5240
19	380	360	7000	6500
20	440	420	8100	7600
21	370	420	9200	8600
22	430	490	9900	9400

EH3.H



EH3.M



冷却盘管的冷却液接口
Water connection for cooling coil

规格 Size	冷却盘管 Cooling coil						
	bx	ex	ey	hx	hy	sx	x) L/min
13	252	455	335	116	300	G1/2	8
14	252	525	405	116	300	G1/2	8
15	290	535	395	119	335	G1/2	8
16	290	580	440	119	335	G1/2	8
17	340	575	425	134	380	G1/2	8
18	340	635	485	134	380	G1/2	8
19	敬请垂询 On request						
20							
21							
22							

1)冷却盘管适用于淡水, 海水或有咸味的水。
Cooling coil suitable for fresh, sea or brackish water.
2)x)所需冷却水量。 Cooling water quantity required.

制造商保留修改的权限 Manufacturer reserves modify permissions

直交轴齿轮箱 Bevel-helical gear units

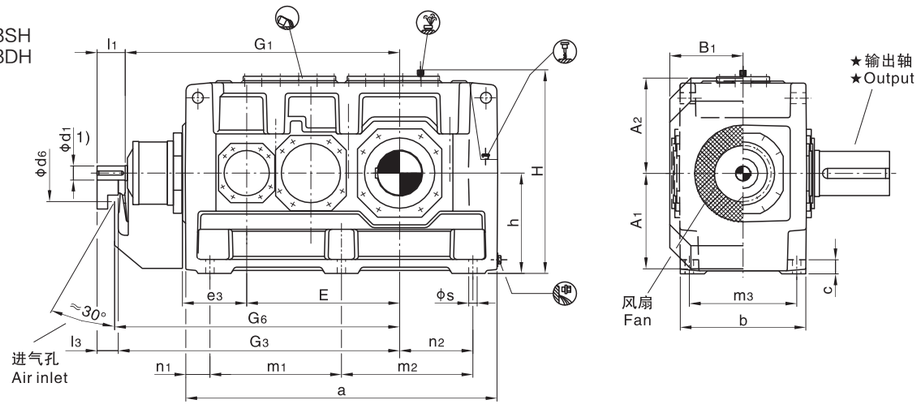
三级传动 Three Stage

卧式安装 Horizontal

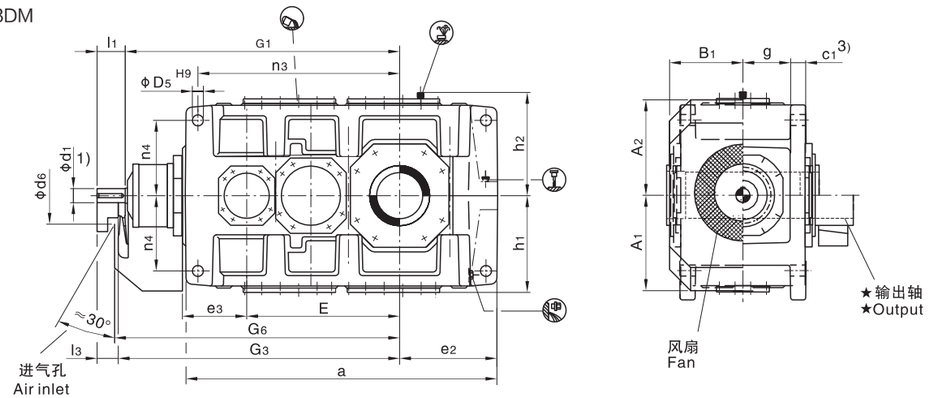
类型 TYPES EB3.H...,EB3.M...

规格 SIZES 23...26

EB3SH
EB3DH

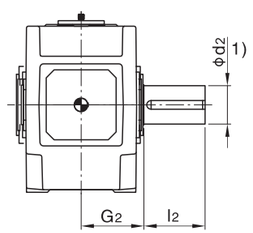


EB3DM

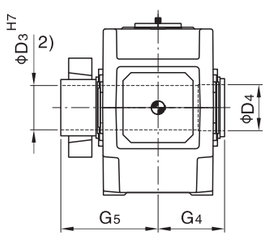


★ 输出轴 Output

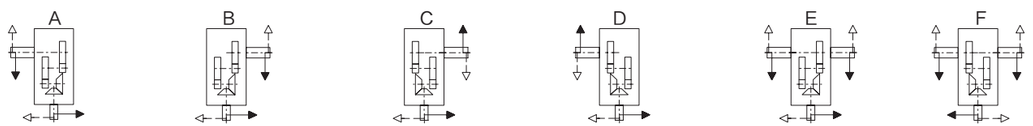
EB3SH
实心轴
Solid shaft



EB3DH EB3DM
带胀紧盘的空心轴
Hollow shaft for shrink disk



布置形式 Design



1)k6≤Φ50 m6＞Φ50 有关平键 GB/T1095-1979型和中心孔,参见第321-322页。For parallel key GB/T1095-1979 and for center hole,see page 321-322.
2)在安装基础螺栓前,应拆下风扇罩。Remove air guide cover before fitting the foundation bolts.
3)扭力支撑位于工作机侧。Torque support on driven machine side.

注：尺寸 mm Note：Dimensions in mm

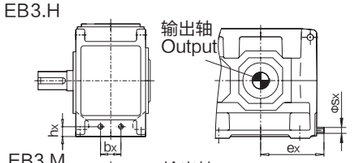
规格 Size	输入轴 Input										冷却风扇 Fan			
	iN=20-45 iN=22.4-50			iN=50-71 iN=56-80										
	d_1 1)	l_1	l_3	d_1 1)	l_1	l_3	G_1	G_3	G_1	G_3	A_1	A_2	B_1	d_6
23 +24	150	245	200	110	210	165	2130	2175	2195	2240	770	770	528	350
25 +26	150	245	200	110	210	165	2270	2315	2360	2405	845	865	585	380

规格 Size	齿轮箱 Gear units													
	b	c	c_1	D_5	g	h	h_1	h_2	m_3	n_1	n_4	s	H	m_1	e_3
23+24	930	115	120±2	80	342	780	770	790	810	180	580	56	1570	1010	490
25+26	1045	130	120±2	90	400	860	865	860	910	200	660	66	1720	1090	490

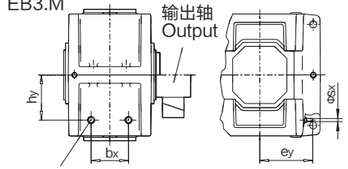
规格 Size	齿轮箱 Gear units							输出轴 Output						
								EB3SH			EB3DH EB3DM			
	a	e_2	E	G_6	m_2	n_2	n_3	d_2 1)	G_2	l_2	D_3	D_4	G_4	G_5
23	2380	730	1185	2200	1010	550	1560	360	540	590	360	365	540	785
24	2510	795	1250	2265	1140	615	1625	380	540	590	380	385	540	805
25	2580	790	1325	2315	1090	590	1685	400	605	650	400	405	605	875
26	2760	880	1415	2430	1270	680	1775	420	605	650	430	435	605	900

规格 Size	润滑油 Oil (L)		重量 Weight (kg)	
	EB3.H	EB3.M	EB3.H	EB3.M
23	520	560	11500	10600
24	600	650	13400	12500
25	720	790	16000	15100
26	840	920	17500	16400

EB3.H



EB3.M



冷却盘管的冷却液接口
Water connection for cooling coil

规格 Size	冷却盘管 Cooling coil						
	b_x	e_x	e_y	h_x	h_y	s_x	x) L/min
23	敬请垂询 On request						
24							
25							
26							

1)冷却盘管适用于淡水, 海水或有咸味的水。
Cooling coil suitable for fresh, sea or brackish water.
2)x)所需冷却水量。 Cooling water quantity required.

直交轴齿轮箱 Bevel-helical gear units

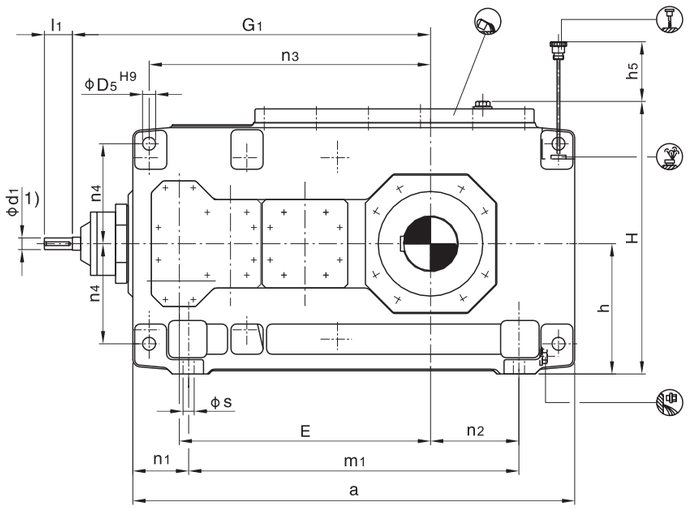
四级传动 Four Stage

卧式安装 Horizontal

类型 TYPES EB4.H...

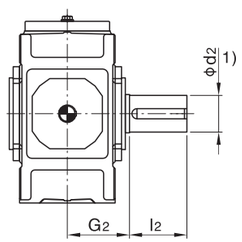
规格 SIZES 5...12

EB4SH
EB4HH
EB4DH
EB4KH

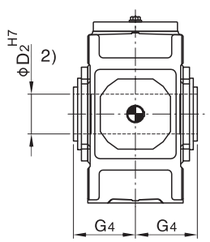


★ 输出轴 Output

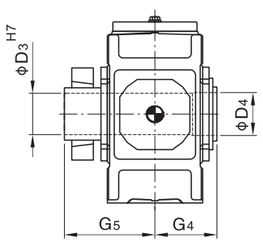
EB4SH
实心轴
Solid shaft



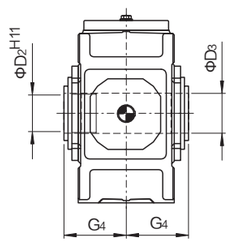
EB4HH
空心轴
Hollow shaft



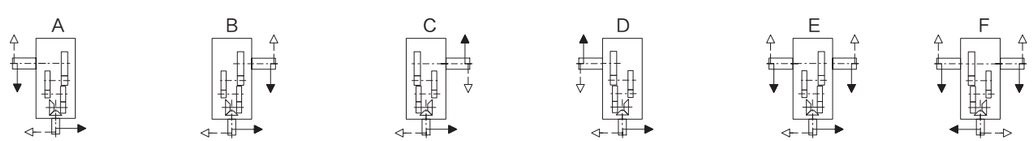
EB3DH
带胀紧盘的空心轴
Hollow shaft for shrink disk



EB3KH
花键空心轴
Hollow shaft with involute splines



布置形式 Design



1)k6≤Φ50 m6＞Φ50 有关平键 GB/T1095-1979型和中心孔,参见第321-322页。 For parallel key GB/T1095-1979 and for center hole,see page 321-322.
2)在安装基础螺栓前,应拆下风扇罩。 Remove air guide cover before fitting the foundation bolts.
3)扭力支撑位于工作机侧。 Torque support on driven machine side.

注：尺寸 mm　　Note：Dimensions in mm

规格 Size		输入轴 Input					
		iN=80－180		iN=200－315			
		iN=100－224		iN=250－400			
		d1 1)	l1	d1 1)	l1	G1	G1
5	+6	28	55	20	50	615	650
7	+8	30	70	25	60	725	770
9	+10	35	80	28	60	840	890
11	+12	45	100	35	80	1010	1080

规格 Size	齿轮箱 Gear units									
	b	c	c1	D5	g	h	m3	n1	n4	s
5+6	255	28	30±1	24	97.5	230	220	105	180	19
7+8	300	35	36±1	28	114	280	260	120	215	24
9+10	370	40	45±1.5	36	140	320	320	145	245	28
11+12	430	50	54±1.5	40	161	380	370	165	300	35

规格 Size	齿轮箱 Gear units							输出轴 Output									
								EB4SH			EB4HH		EB4DH				EB4KH
	a	E	H	h5	m1	n2	n3	d2 1)	G2	l2	D2 2)	G4	D3	D4	G4	G5	
5	690	405	482	100	480	100	455	100	165	210	95	165	100	100	165	240	见327-330页 See page 327-330
6	770	440	482	100	560	145	490	110	165	210	105	165	110	110	165	240	
7	845	495	572	140	605	130	560	120	195	210	115	195	120	120	195	280	
8	950	540	582	130	710	190	605	130	195	250	125	195	130	130	195	285	
9	1000	580	662	135	710	155	660	140	235	250	135	235	140	145	235	330	
10	1100	630	662	135	810	205	710	160	235	300	150	235	150	155	235	350	
11	1200	705	782	170	870	180	805	170	270	300	165	270	165	170	270	400	
12	1355	775	790	160	1025	265	875	180	270	300	180	270	180	185	270	405	

规格 Size	润滑油 Oil (L)	重量 Weight (kg)
5	16	335
6	18	385
7	30	555
8	33	655
9	48	890
10	50	1025
11	80	1485
12	90	1750

EH/EB

直交轴齿轮箱 **Bevel-helical gear units**

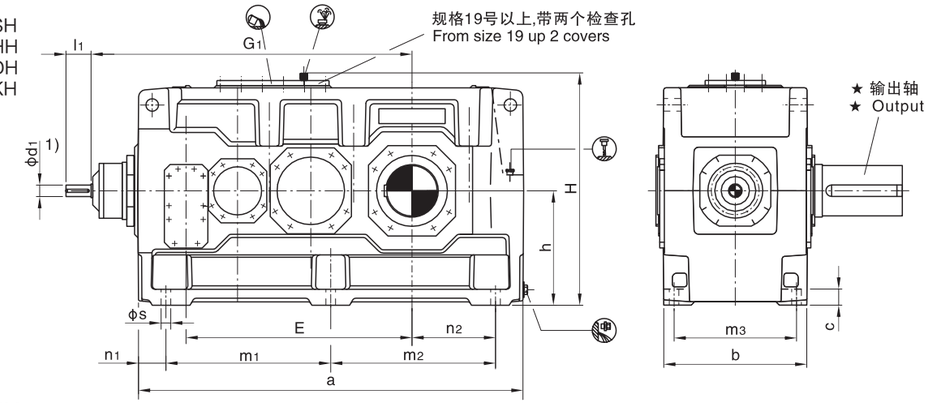
四级传动 **Four Stage**

卧式安装 **Horizontal**

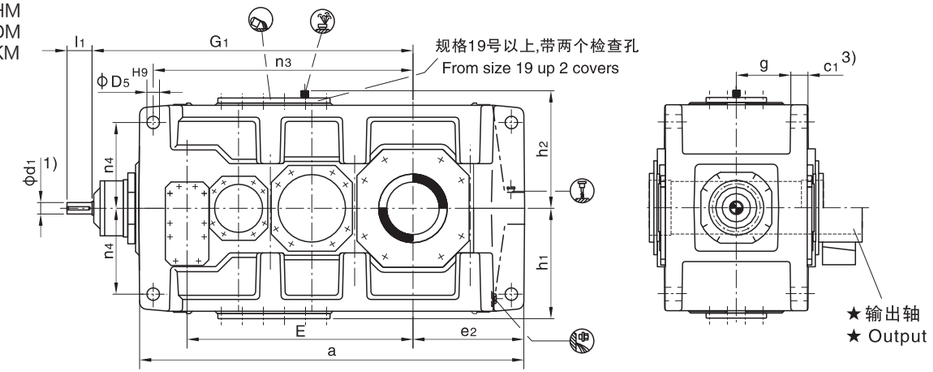
类型 TYPES EB4.H...,EB4.M...

规格 SIZES 13...22

EB4SH
EB4HH
EB4DH
EB4KH

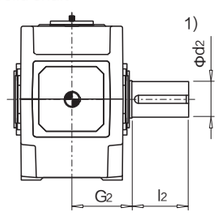


EB4HM
EB4DM
EB4KM

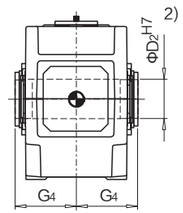


★ 输出轴 Output

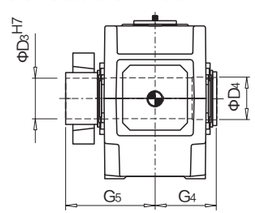
EB4SH
实心轴
Solid shaft



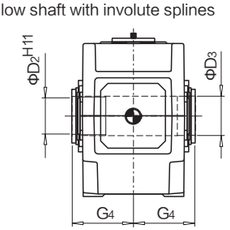
EB4HH EB4HM
空心轴
Hollow shaft



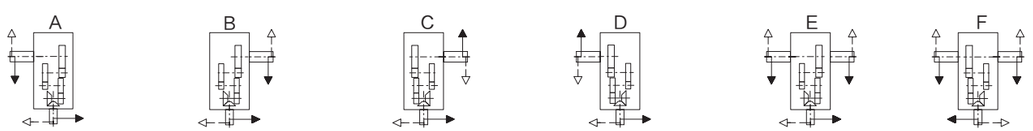
EB4DH EB4DM
带胀紧盘的空心轴
Hollow shaft for shrink disk



EB4KH EB4KM
花键空心轴
Hollow shaft with involute splines



布置形式 Design



1)k6≤Φ50 m6＞Φ50 有关平键 GB/T1095-1979型和中心孔,参见第321-322页。 For parallel key GB/T1095-1979 and for center hole,see page 321-322.
2)在安装基础螺栓前,应拆下风扇罩。 Remove air guide cover before fitting the foundation bolts.
3)扭力支撑位于工作机侧。 Torque support on driven machine side.

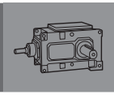
注：尺寸 mm Note：Dimensions in mm

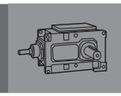
规格 Size		输入轴 Input					
		iN=80－180		iN=200－315			
		iN=90－200		iN=224－355			
		iN=100－224		iN=250－400			
		d_1 1)	l_1	d_1 1)	l_1	G_1	G_1
13	+14	55	110	40	100	1170	1240
15	+16	70	135	50	110	1402	1448
17	+18	70	135	50	110	1450	1510
19	+20	80	165	60	140	1680	1740
21	+22	90	165	70	140	1992	2047

规格 Size	齿轮箱 Gear units													
	b	c	c_1	D_5	g	h	h_1	h_2	H	m_1	m_3	n_1	n_4	s
13+14	550	60	61±2	48	211.5	440	450	460	900	597.5	475	100	340	35
15+16	625	70	72±2	55	238	500	490	500	1000	720	535	120	375	42
17+18	690	80	81±2	55	259	550	555	560	1110	750	600	135	425	42
19+20	790	90	91±2	65	299	620	615	620	1240	860	690	155	475	48
21+22	830	100	100±2	75	310	700	685	690	1390	1000	720	170	520	56

规格 Size	齿轮箱 Gear units						输出轴 Output									
							EB4SH			EB4HH EB4HM		EB4DH EB4DM				EB4KH EB4KM
	a	e_2	E	m_2	n_2	n_3	d_2 1)	G_2	l_2	D_2 2)	G_4	D_3	D_4	G_4	G_5	
13	1395	405	820	597.5	305	940	200	335	350	190	335	190	195	335	480	见327-330页 See page 327-330
14	1535	475	890	737.5	375	1010	210	335	350	210	335	210	215	335	480	
15	1680	485	987	720	365	1135	230	380	410	230	380	230	235	380	550	
16	1770	530	1033	810	410	1180	240	380	410	240	380	240	245	380	550	
17	1770	525	1035	750	390	1175	250	415	410	250	415	250	260	415	600	
18	1890	585	1095	870	450	1235	270	415	470	275	415	280	285	415	600	
19	2030	590	1190	860	435	1365	290	465	470	–	–	285	295	465	670	
20	2150	650	1250	980	495	1425	300	465	500	–	–	310	315	465	670	
21	2340	655	1387	1000	485	1615	320	490	500	–	–	330	335	490	715	
22	2450	710	1442	1110	540	1670	340	490	550	–	–	340	345	490	725	

规格 Size	润滑油 Oil (L)		重量 Weight (kg)	
	EB4.H	EB4.M	EB4.H	EB4.M
13	145	120	2395	2280
14	150	125	2735	2605
15	230	170	3630	3435
16	235	175	3985	3765
17	295	230	4695	4460
18	305	235	5200	4930
19	480	440	6800	6300
20	550	510	8200	7700
21	540	590	9200	8600
22	620	680	9900	9400





直交轴齿轮箱 Bevel-helical gear units

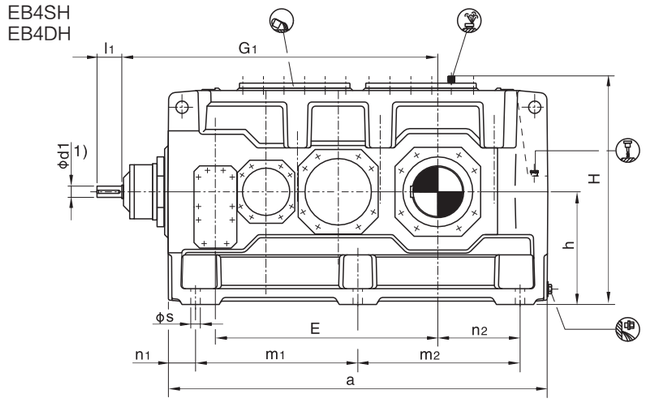
四级传动 Four Stage

卧式安装 Horizontal

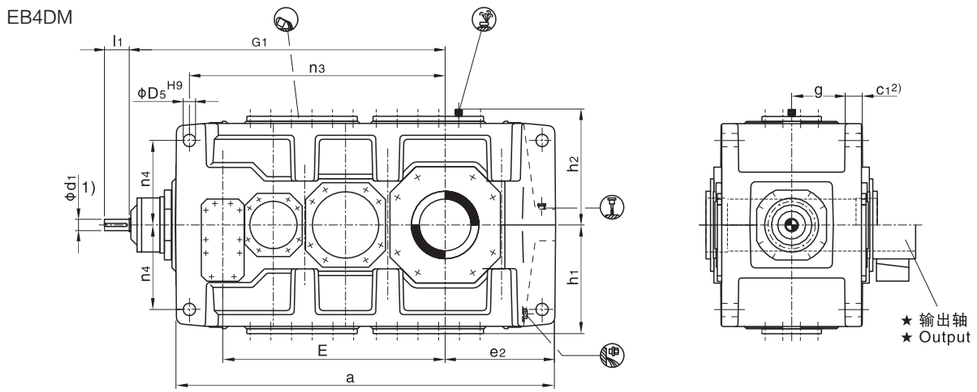
类型 TYPES EB4.H...,EB4.M...

规格 SIZES 23...26

EB4SH
EB4DH

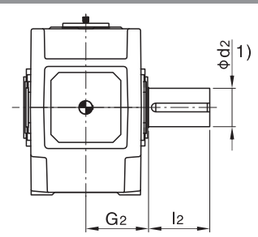


EB4DM

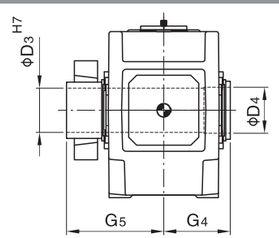


★ 输出轴 Output

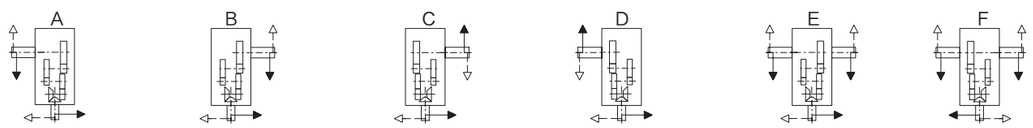
EB4SH
实心轴
Solid shaft



EB4DH EB4DM
带胀紧盘的空心轴
Hollow shaft for shrink disk



布置形式 Design



1)k6≤Φ50 m6＞Φ50 有关平键 GB/T1095-1979型和中心孔,参见第321-322页。For parallel key GB/T1095-1979 and for center hole,see page 321-322.
2)在安装基础螺栓前,应拆下风扇罩。Remove air guide cover before fitting the foundation bolts.
3)扭力支撑位于工作机侧。Torque support on driven machine side.

注：尺寸 mm　　Note：Dimensions in mm

规格 Size		输入轴 Input					
		i_N=80－180		i_N=200－315			
		i_N=90－200		i_N=224－355			
		d_1 1)	l_1	d_1 1)	l_1	G_1	G_1
23	+24	90	165	70	140	2110	2175
25	+26	110	205	80	170	2395	2485

规格 Size	齿轮箱 Gear units												
	b	c	c_1	D_5	g	h	h_1	h_2	m_3	n_1	n_4	s	H	m_1
23+24	930	115	120±2	80	342	780	770	790	810	180	580	56	1570	1085
25+26	1045	130	120±2	80	400	860	860	860	910	200	660	66	1720	1215

规格 Size	齿轮箱 Gear units						输出轴 Output						
							EB4SH			EB4DH EB4DM			
	a	e_2	E	m_2	n_2	n_3	d_2 1)	G_2	l_2	D_3	D_4	G_4	G_5
23	2530	730	1505	1085	550	1725	360	540	590	360	365	540	785
24	2660	795	1570	1215	615	1790	380	540	590	360	365	540	805
25	2830	790	1695	1215	590	1965	400	605	650	400	405	605	875
26	3010	880	1785	1395	680	2055	420	605	650	430	435	605	900

规格 Size	润滑油 Oil (L)		重量 Weight (kg)	
	EB4.H	EB4.M	EB4.H	EB4.M
23	710	790	11600	10700
24	810	910	13500	12600
25	1000	1110	16100	15200
26	1100	1200	17600	16500

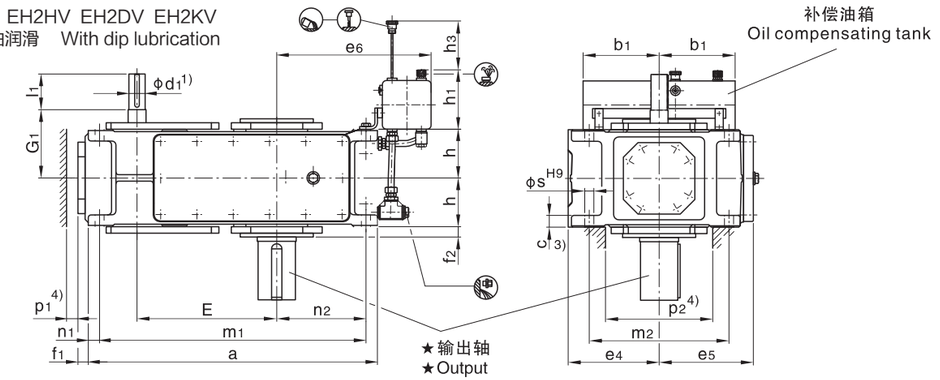
EH/EB

平行轴齿轮箱 Helical gear units　**二级传动** Two Stage　**立式安装** Vertical

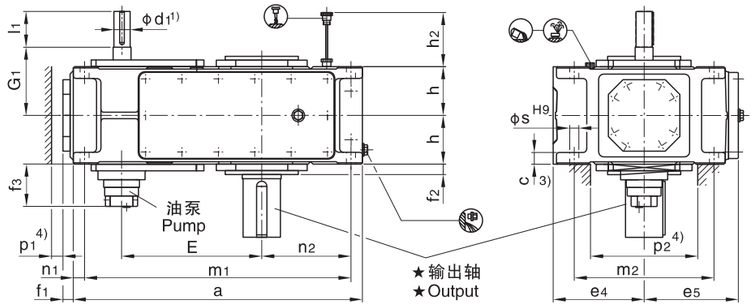
类型 TYPES EH2.V...

规格 SIZES 3...12

EH2SV EH2HV EH2DV EH2KV
采用浸油润滑 With dip lubrication



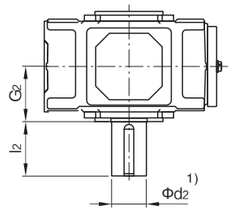
EH2SV EH2HV EH2DV EH2KV
采用强制润滑 With forced lubrication



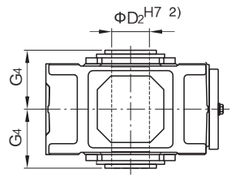
有关供油方式(浸油润滑或强制润滑),参见 335 页　Oil supply(dip or forced lubrication), see page 335

★ 输出轴 Output

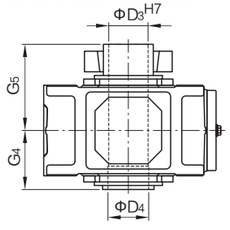
EH2SV 实心轴 Solid shaft



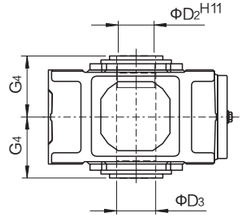
EH2HV 空心轴 Hollow shaft



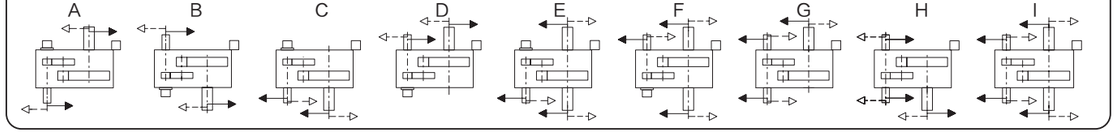
EH2DV 带胀紧盘的空心轴 Hollow shaft for shrink disk



EH2KV 花键空心轴 Hollow shaft with involute splines



布置形式 Design (□法兰泵,□润滑补偿油箱)



1)k6≤Φ50 m6>Φ50 有关平键 GB/T1095-1979型和中心孔,参见第321-322页。 For parallel key GB/T1095-1979 and for center hole,see page 321-322.
2)扭力支撑位于工作机侧。 Torque support on driven machine side.
3)有关油泵、油管和防护盖的安装空间及确切尺寸，请与我们联系。 Space for pump,pipes and cover;for exact dimensions,pleaxe refer to us.

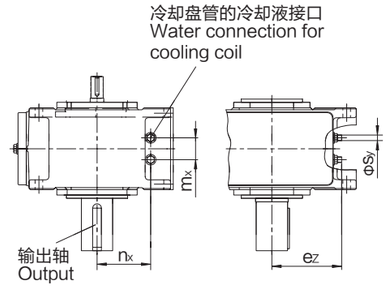
注：尺寸 mm　Note：Dimensions in mm

规格 Size	输入轴 Input					布置形式 Design G, H, I 仅用于 only for iN=	
	iN=6.3－11.2		iN=12.5－22.4				
	iN=8－14		iN=16－28				
	d_1 1)	l_1	d_1 1)	l_1	G_1		
3	35	70	28	50	135	–	–
4	45	100	32	80	170	6.3–18	–
5 +6	50	100	38	80	195	6.3–18	8–22.4
7 +8	60	135	50	110	210	6.3–16	8–20
9 +10	75	140	60	140	240	6.3–16	8–20
11 +12	90	165	70	140	275	6.3–18	8–22.4

规格 Size	齿轮箱 Gear units													
	b_1	c	e_4	f_1	f_3	h	h_1	h_2	h_3	m_2	n_1	p_1 4)	p_2 4)	s
3	150	24±1	175	28	–	95	165	–	180	265	20	35	210	18
4	150	30±1	200	28	–	107.5	165	–	180	300	30	35	220	24
5+6	240	30±1	230	38	150	127.5	205	190	240	360	30	35	270	24
7+8	240	36±1	280	42	145	150	205	165	250	430	35	35	330	28
9+10	330	45±1.5	320	42	135	185	275	205	330	490	40	40	370	36
11+12	330	54±1.5	380	48	145	215	275	240	340	600	50	50	440	40

规格 Size	齿轮箱 Gear units							输出轴 Output									
	a	E	e_5	e_6	m_1	n_2	f_2	EH2SV d_2 1)	EH2SV G_2	EH2SV l_2	EH2HV D_2 2)	EH2HV G_4	EH2DV D_3	EH2DV D_4	EH2DV G_4	EH2DV G_5	EH2KV
3	450	220	185	290	410	125	20	65	125	140	65	125	70	70	125	180	见327–330页 See page 327–330
4	565	270	215	320	505	160	25	80	140	170	80	140	85	85	140	205	
5	640	315	252	385	580	175	33	100	165	210	95	165	100	100	165	240	
6	720	350	252	425	660	220	33	110	165	210	105	165	110	110	165	240	
7	785	385	292	425	715	215	38	120	195	210	115	195	120	120	195	280	
8	890	430	302	485	820	275	41	130	195	250	125	195	130	130	195	285	
9	925	450	342	560	845	260	41	140	235	250	135	235	140	145	235	330	
10	1025	500	342	610	945	310	35	160	235	300	150	235	150	155	235	350	
11	1105	545	402	595	1005	295	35	170	270	300	165	270	165	170	270	400	
12	1260	615	410	680	1160	380	35	180	270	300	180	270	180	185	270	405	

规格 Size	润滑油 Oil		重量 Weight (kg)
	浸油润滑 Dip lubrication (L)	强制润滑 Forced lubrication (L)	
3	14	–	115
4	25	–	190
5	23	10	300
6	27	11	355
7	58	22	505
8	62	25	590
9	100	42	830
10	110	46	960
11	160	60	1335
12	180	70	1615



规格 Size	冷却盘管 Cooling coil					
	m_x	n_x	e_z	s_y	x) L/min	
3	34	120	130	G1/2	4	
4	34	140	155	G1/2	4	
5	68	166	170	G1/2	4	
6	70	162	215	G1/2	4	
7	100	197	210	G1/2	4	
8	100	197	270	G1/2	4	
9	140	210	245	G1/2	8	
10	100	225	295	G1/2	8	
11	110	285	275	G1/2	8	
12	200	271	360	G1/2	8	

1)冷却盘管适用于淡水, 海水或有咸味的水。
Cooling coil suitable for fresh, sea or brackish water.
2)x)所需冷却水量。 Cooling water quantity required.

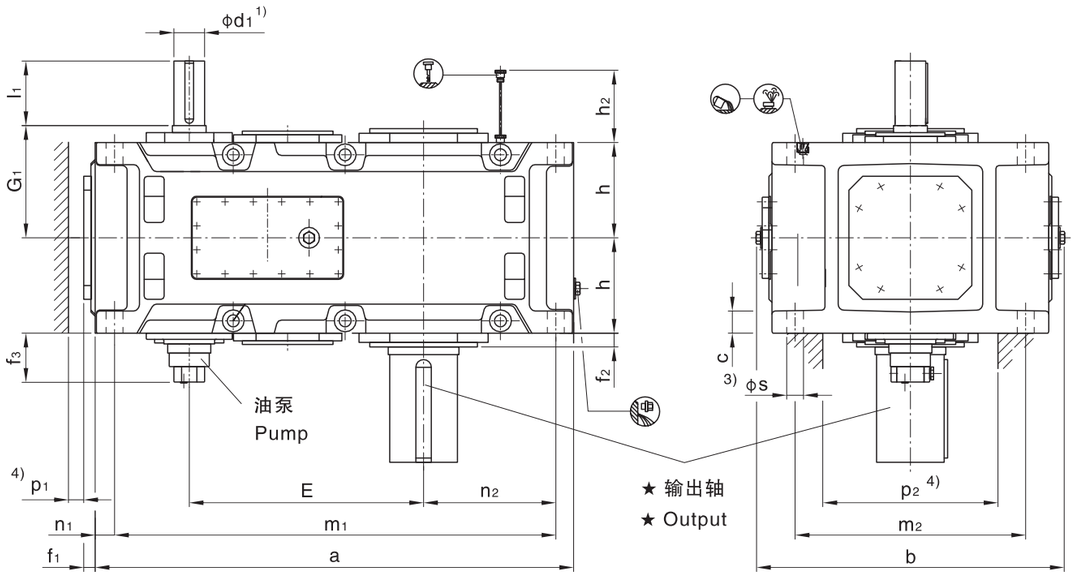
制造商保留修改的权限 Manufacturer reserves modify permissions

平行轴齿轮箱 Helical gear units　　**二级传动** Two Stage　　**立式安装** Vertical

类型 TYPES EH2.V...

规格 SIZES 13...22

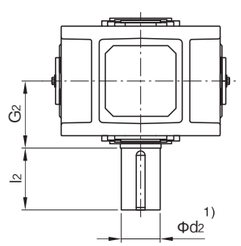
EH2SV EH2HV EH2DV EH2KV
采用强制润滑 With forced lubrication



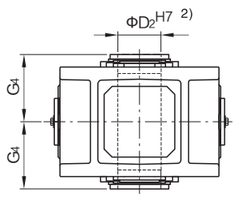
有关供油方式(强制润滑),参见335页　　Oil supply(forced lubrication), see pages 335

★ 输出轴 Output

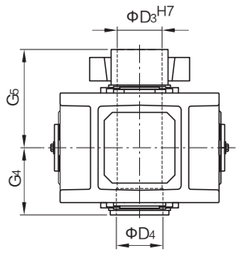
EH2SV
实心轴
Solid shaft



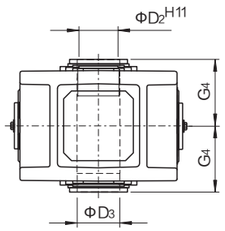
EH2HV
空心轴
Hollow shaft



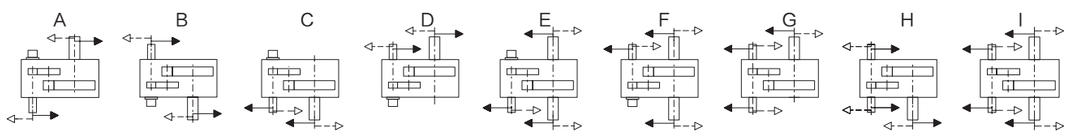
EH2DV
带胀紧盘的空心轴
Hollow shaft for shrink disk



EH2KV
花键空心轴
Hollow shaft with involute splines



布置形式 Design（⊟法兰泵）



1)k6≤Φ50 m6>Φ50 有关平键 GB/T1095-1979型和中心孔,参见第321-322页。 For parallel key GB/T1095-1979 and for center hole,see page 321-322.
2)扭力支撑位于工作机侧。 Torque support on driven machine side.
3)有关油泵、油管和防护盖的安装空间及确切尺寸，请与我们联系。 Space for pump,pipes and cover;for exact dimensions,pleaxe refer to us.

注：尺寸 mm　　Note：Dimensions in mm

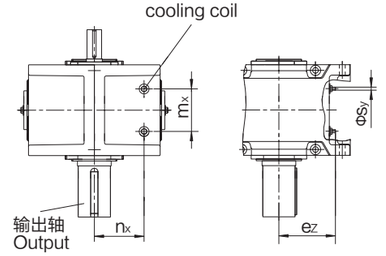
规格 Size		输入轴 Input					布置形式 Design G, H, I 仅用于 only for iN=	
		iN=6.3－11.2		iN=12.5－20				
		iN=7.1－12.5		iN=14－22.5				
		iN=8－14		iN=16－25				
		d1 1)	l1	d1 1)	l1	G1		
13	+14	100	205	85	170	330	6.3–16	8–20
15	+16	120	210	100	210	365	6.3–16	7.1–18
17	+18	125	245	110	210	420	6.3–16	7.1–18
19	+20	根据用户要求提供 On request						
21	+22							

规格 Size	齿轮箱 Gear units										
	b	c	f1	f2	p1 4)	p2 4)	h	h2	m2	n1	s
13+14	900	61±2	53	38	50	500	272.5	300	680	50	48
15+16	980	72±2	63	38	50	570	310	340	750	60	55
17+18	1110	81±2	60	38	70	630	340	374	850	70	55
19+20	根据用户要求提供 On request										
21+22											

规格 Size	齿轮箱 Gear units					输出轴 Output									
						EH2SV			EH2HV		EH2DV				EH2KV
	a	E	f3	m1	n2	d2 1)	G2	l2	D2 2)	G4	D3	D4	G4	G5	
13	1290	635	130	1195	360	200	335	350	190	335	190	195	335	480	见327–330页 See page 327–330
14	1430	705	130	1335	430	210	335	350	210	335	210	215	335	480	
15	1550	762	130	1435	430	230	380	410	230	380	230	235	380	550	
16	1640	808	130	1525	475	240	380	410	240	380	240	245	380	550	
17	1740	860	170	1610	465	250	415	410	250	415	250	260	415	600	
18	1860	920	170	1730	525	270	415	470	275	415	280	285	415	600	
19	根据用户要求提供 On request														
20															
21															
22															

规格 Size	润滑油 Oil (L)	重量 Weight (kg)
13	80	1880
14	90	2430
15	140	3240
16	150	3465
17	175	4420
18	185	4870
19	敬请垂询 On request	
20		
21		
22		

冷却盘管的冷却液接口
Water connection for cooling coil



规格 Size	冷却盘管 Cooling coil				
	mx	nx	ez	sy	x) L/min
13	252	300	335	G1/2	8
14	252	300	405	G1/2	8
15	290	335	395	G1/2	8
16	290	335	440	G1/2	8
17	340	380	425	G1/2	8
18	340	380	485	G1/2	8
19	敬请垂询 On request				
20					
21					
22					

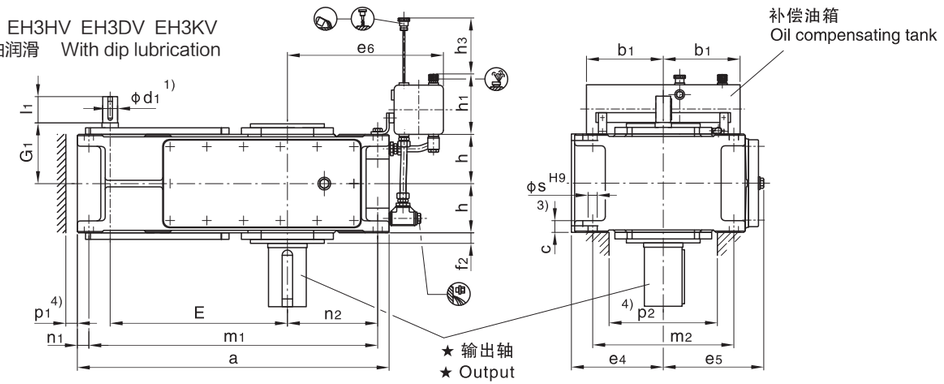
1)冷却盘管适用于淡水, 海水或有咸味的水。
Cooling coil suitable for fresh, sea or brackish water.
2)x)所需冷却水量。　　Cooling water quantity required.

制造商保留修改的权限 Manufacturer reserves modify permissions

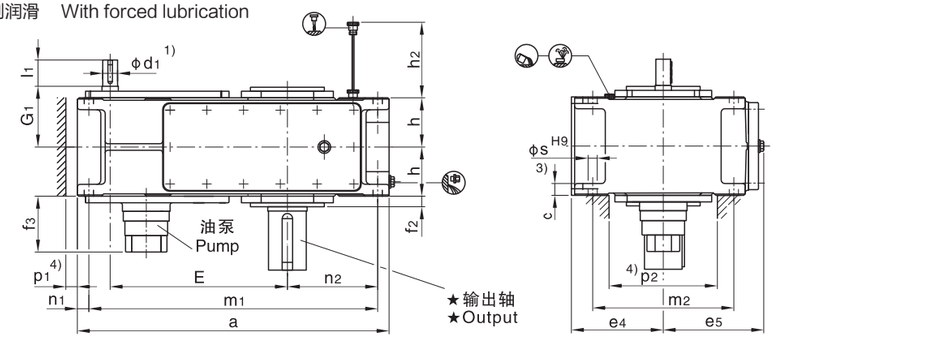
平行轴齿轮箱 Helical gear units　三级传动 Three Stage　立式安装 Vertical

类型 TYPES EH3.V...
规格 SIZES 5...12

EH3SV EH3HV EH3DV EH3KV
采用浸油润滑 With dip lubrication



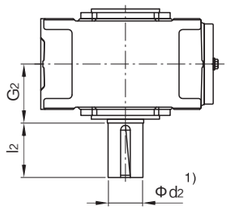
EH3SV EH3HV EH3DV EH3KV
采用强制润滑 With forced lubrication



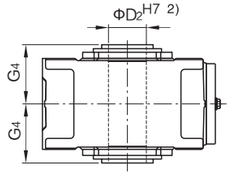
有关供油方式(浸油润滑或强制润滑),参见335页　Oil supply(dip or forced lubrication), see pages 335

★ 输出轴 Output

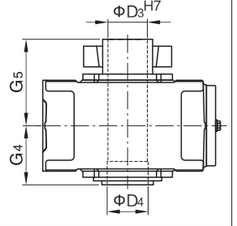
EH3SV 实心轴 Solid shaft



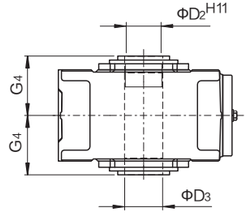
EH3HV 空心轴 Hollow shaft



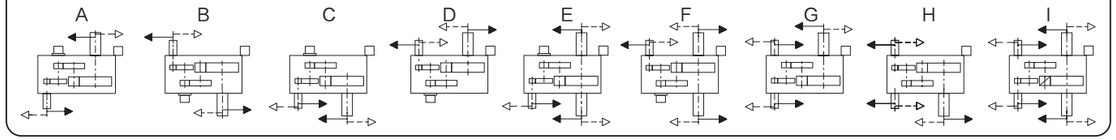
EH3DV 带胀紧盘的空心轴 Hollow shaft for shrink disk



EH3KV 花键空心轴 Hollow shaft with involute splines



布置形式 Design (⊟法兰泵,□润滑补偿油箱)



1)k6≤Φ50 m6＞Φ50 有关平键 GB/T1095-1979型和中心孔,参见第321-322页。 For parallel key GB/T1095-1979 and for center hole,see page 321-322.
2)扭力支撑位于工作机侧。 Torque support on driven machine side.
3)有关油泵、油管和防护盖的安装空间及确切尺寸，请与我们联系。 Space for pump,pipes and cover;for exact dimensions,pleaxe refer to us.

注：尺寸 mm　Note：Dimensions in mm

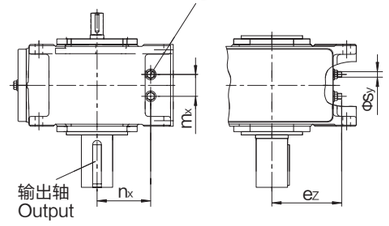
规格 Size		输入轴 Input i_N=25-45, i_N=31.5-56 d_1[1]	l_1	i_N=50-63, i_N=63-80 d_1[1]	l_1	i_N=71-90, i_N=90-112 d_1[1]	l_1	G_1	布置形式 Design G, H, I 仅用于 only for i_N= 25-90	31.5-112
5	+6	40	70	30	50	24	40	160	25-90	31.5-112
7	+8	45	80	35	60	28	50	185	25-90	31.5-112
9	+10	60	125	45	100	32	80	230	25-90	31.5-112
11	+12	70	120	50	80	42	70	255	25-90	31.5-112

规格 Size	齿轮箱 Gear units b_1	c	e_4	f_3	h	h_1	h_2	h_3	m_2	n_1	p_1[4]	p_2[4]	s
5+6	240	30±1	230	190	127.5	205	190	240	360	30	35	270	24
7+8	240	36±1	280	185	150	205	165	250	430	35	35	330	28
9+10	330	45±1.5	320	170	185	275	205	330	490	40	40	370	36
11+12	330	54±1.5	380	170	215	275	240	340	600	50	50	440	40

规格 Size	齿轮箱 Gear units a	e_5	e_6	E	f_2	m_1	n_2	输出轴 Output EH3SV d_2[1]	G_2	l_2	EH3HV D_2[2]	G_4	EH3DV D_3	D_4	G_4	G_5	EH3KV
5	690	252	385	405	33	630	175	100	165	210	95	165	100	100	165	240	见327-330页 See page 327-330
6	770	252	425	440	33	710	220	110	165	210	105	165	110	110	165	240	
7	845	292	425	495	38	775	215	120	195	210	115	195	120	120	195	280	
8	950	312	485	540	41	880	275	130	195	250	125	195	130	130	195	285	
9	1000	342	560	580	41	920	260	140	235	250	135	235	140	145	235	330	
10	1100	342	610	630	35	1020	310	160	235	300	150	235	150	155	235	350	
11	1200	402	595	705	35	1100	295	170	270	300	165	270	165	170	270	400	
12	1355	410	680	775	35	1255	380	180	270	300	180	270	180	185	270	405	

规格 Size	润滑油 Oil 浸油润滑 Dip lubrication (L)	强制润滑 Forced lubrication (L)	重量 Weight (kg)
5	35	13	320
6	37	15	365
7	60	25	540
8	72	30	625
9	100	40	875
10	110	45	1020
11	170	66	1400
12	190	75	1675

冷却盘管的冷却液接口 Water connection for cooling coil



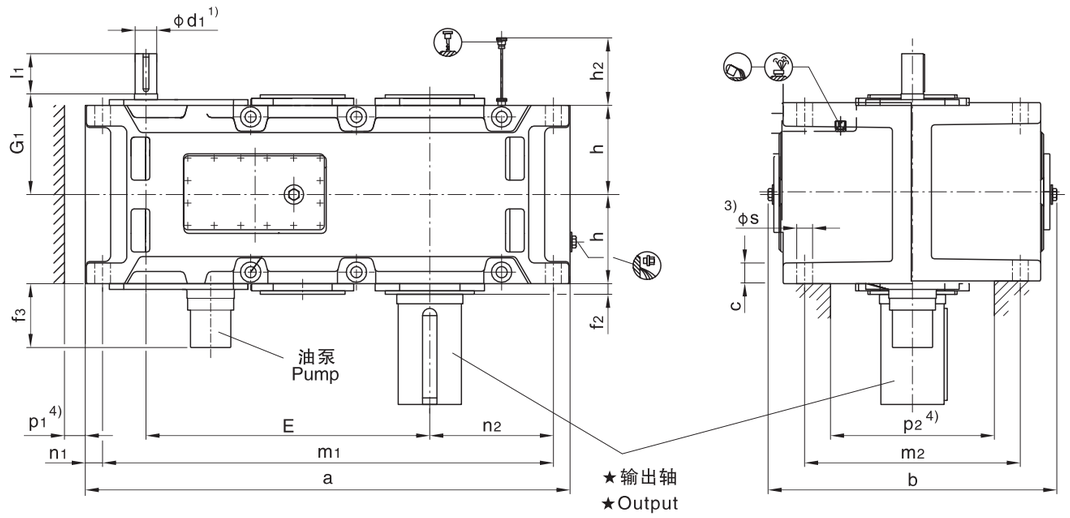
规格 Size	冷却盘管 Cooling coil m_x	n_x	e_z	s_y	x) L/min
5	70	170	175	G1/2	4
6	70	161	220	G1/2	4
7	80	197	210	G1/2	4
8	80	197	270	G1/2	4
9	150	213	245	G1/2	4
10	90	225	295	G1/2	4
11	200	265	275	G1/2	8
12	200	265	360	G1/2	8

1)冷却盘管适用于淡水, 海水或有咸味的水。
Cooling coil suitable for fresh, sea or brackish water.
2)x)所需冷却水量。 Cooling water quantity required.

平行轴齿轮箱 Helical gear units　三级传动 Three Stage　立式安装 Vertical

类型 TYPES EH3.V...
规格 SIZES 13...22

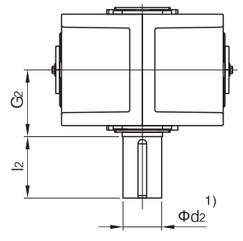
EH3SV EH3HV EH3DV EH3KV
采用强制润滑 With forced lubrication



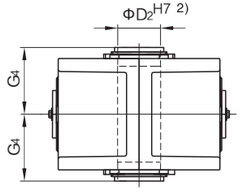
有关供油方式(强制润滑),参见335页　Oil supply(forced lubrication), see pages 335

★ 输出轴 Output

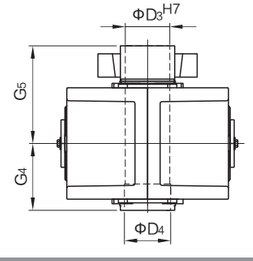
EH3SV
实心轴
Solid shaft



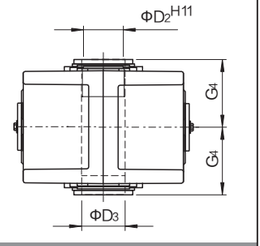
EH3HV
空心轴
Hollow shaft



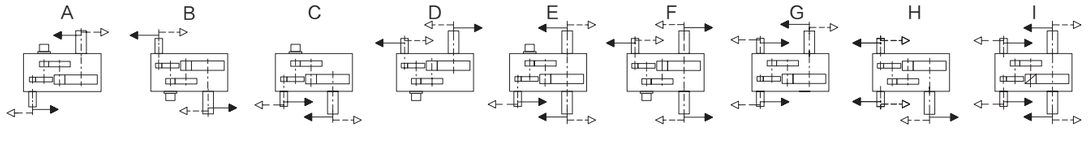
EH3DV
带胀紧盘的空心轴
Hollow shaft for shrink disk



EH3KV
花键空心轴
Hollow shaft with involute splines



布置形式 Design （⊔法兰泵）



1)k6≤Φ50 m6＞Φ50 有关平键 GB/T1095-1979型和中心孔,参见第321-322页。 For parallel key GB/T1095-1979 and for center hole,see page 321-322.
2)扭力支撑位于工作机侧。 Torque support on driven machine side.
3)有关油泵、油管和防护盖的安装空间及确切尺寸，请与我们联系。 Space for pump,pipes and cover;for exact dimensions,pleaxe refer to us.

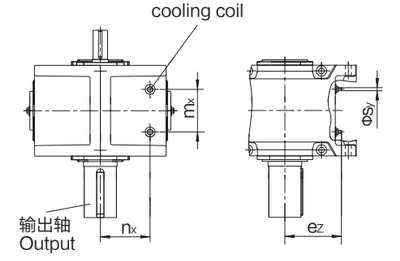
注：尺寸 mm　Note：Dimensions in mm

规格 Size		输入轴 Input							布置形式 Design G, H, I 仅用于 only for iN=	
		iN=22.4－45		iN=50－63		iN=71－90				
		iN=25－50		iN=56－71		iN=80－100				
		iN=28－56		iN=63－80		iN=90－112				
		d1 1)	l1	d1 1)	l1	d1 1)	l1	G1		
13	+14	85	160	60	135	50	110	310	22.4–90	28–112
15	+16	100	200	75	140	60	140	350	22.4–90	25–100
17	+18	100	200	75	140	60	140	380	22.4–90	25–100
19	+20	根据用户要求提供 On request								
21	+22									

规格 Size	齿轮箱 Gear units										
	b	c	f2	f3	h	h2	m2	n1	p1 4)	p2 4)	s
13+14	900	61±2	38	170	272.5	300	680	50	50	500	48
15+16	980	72±2	38	170	310	340	750	60	50	570	55
17+18	1110	81±2	38	210	340	374	850	70	70	630	55
19+20	根据用户要求提供 On request										
21+22											

规格 Size	齿轮箱 Gear units				输出轴 Output									
					EH3SV			EH3HV		EH3DV				EH3KV
	a	E	m1	n2	d2 1)	G2	l2	D2 2)	G4	D3	D4	G4	G5	
13	1395	820	1300	360	200	335	350	190	335	190	195	335	480	见327–330页 See page 327–330
14	1535	890	1440	430	210	335	350	210	335	210	215	335	480	
15	1680	987	1565	430	230	380	410	230	380	230	235	380	550	
16	1770	1033	1655	475	240	380	410	240	380	240	245	380	550	
17	1770	1035	1640	465	250	415	410	250	415	250	260	415	600	
18	1890	1095	1760	525	270	415	470	275	415	280	285	415	600	
19	根据用户要求提供 On request													
20														
21														
22														

规格 Size	润滑油 Oil (L)	重量 Weight (kg)
13	115	2155
14	126	2490
15	180	3260
16	190	3625
17	190	4250
18	200	4740
19	敬请垂询 On request	
20		
21		
22		



规格 Size	冷却盘管 Cooling coil				
	mx	nx	ez	sy	x) L/min
13	252	300	335	G1/2	8
14	252	300	405	G1/2	8
15	290	340	395	G1/2	8
16	290	340	440	G1/2	8
17	300	380	425	G1/2	8
18	300	380	485	G1/2	8
19	敬请垂询 On request				
20					
21					
22					

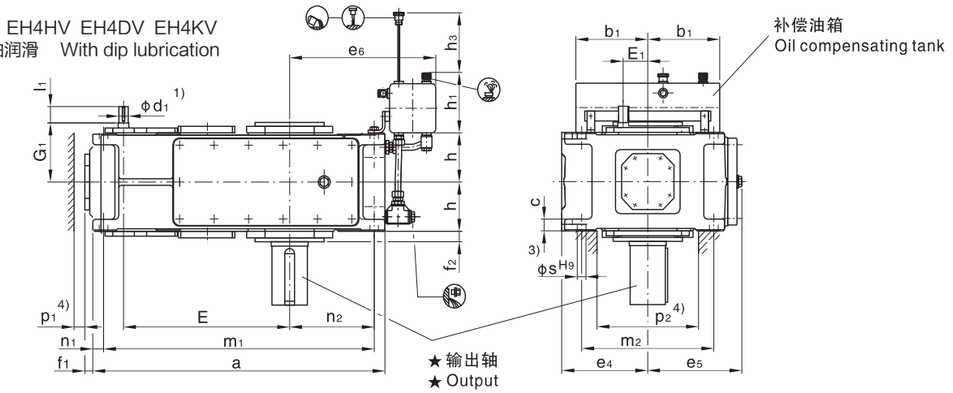
1)冷却盘管适用于淡水, 海水或有咸味的水。
Cooling coil suitable for fresh, sea or brackish water.
2)x)所需冷却水量。 Cooling water quantity required.

平行轴齿轮箱 Helical gear units　　**四级传动** Four Stage　　**立式安装** Vertical

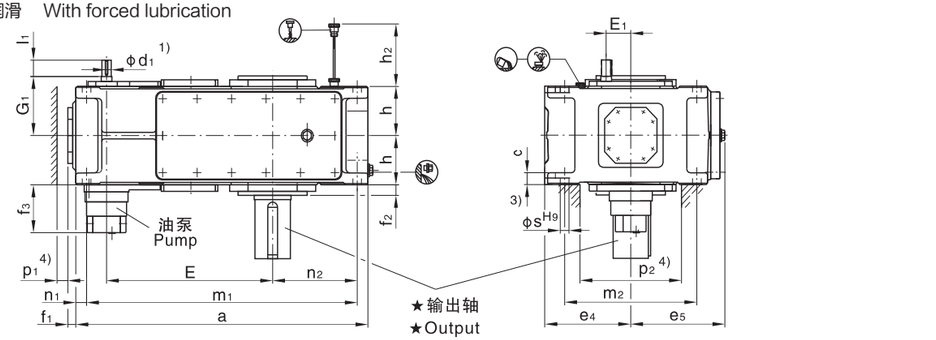
类型 TYPES EH4.V...

规格 SIZES 7...12

EH4SV EH4HV EH4DV EH4KV
采用浸油润滑 With dip lubrication



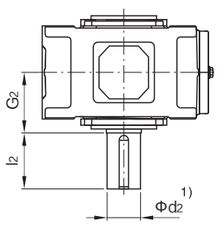
EH4SV EH4HV EH4DV EH4KV
采用强制润滑 With forced lubrication



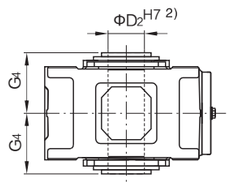
有关供油方式(浸油润滑或强制润滑),参见335页　　Oil supply(dip or forced lubrication), see pages 335

★ 输出轴 Output

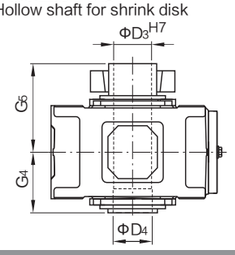
EH4SV
实心轴
Solid shaft



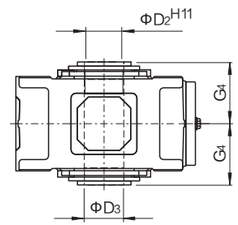
EH4HV
空心轴
Hollow shaft



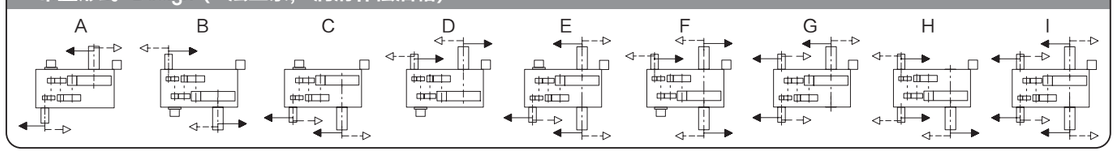
EH4DV
带胀紧盘的空心轴
Hollow shaft for shrink disk



EH4KV
花键空心轴
Hollow shaft with involute splines



布置形式 Design (凸法兰泵,□润滑补偿油箱)



1)k6≤Φ50 m6＞Φ50 有关平键 GB/T1095-1979型和中心孔,参见第321-322页。 For parallel key GB/T1095-1979 and for center hole,see page 321-322.
2)扭力支撑位于工作机侧。 Torque support on driven machine side.
3)有关油泵、油管和防护盖的安装空间及确切尺寸，请与我们联系。 Space for pump,pipes and cover;for exact dimensions,pleaxe refer to us.

注：尺寸 mm　　Note：Dimensions in mm

规格 Size		输入轴 Input					布置形式 Design G, H, I 仅用于 only for iN=	
		iN=100－180 iN=125－224		iN=200－355 iN=250－450				
		d_1 1)	l_1	d_1 1)	l_1	G_1		
7	+8	30	50	24	40	180	100–224	125–280
9	+10	35	70	28	50	215	100–250	125–315
11	+12	45	100	32	80	250	100–250	125–315

规格 Size	齿轮箱 Gear units														
	b_1	c	e_4	E_1	f_1	f_3	h	h_1	h_2	h_3	m_2	n_1	p_1 4)	p_2 4)	s
7+8	240	36±1	280	80	37	160	150	205	165	250	430	35	35	330	28
9+10	330	45±1.5	320	90	43	170	185	275	205	330	490	40	40	370	36
11+12	330	54±1.5	380	110	47	170	215	275	240	340	600	50	50	440	40

规格 Size	齿轮箱 Gear units							输出轴 Output									
								EH4SV			EH4HV		EH4DV				EH4KV
	a	e_5	e_6	E	f_2	m_1	n_2	d_2 1)	G_2	l_2	D_2 2)	G_4	D_3	D_4	G_4	G_5	
7	845	292	425	495	38	775	215	120	195	210	115	195	120	120	195	280	见327–330页 See page 327–330
8	950	302	485	540	41	880	275	130	195	250	125	195	130	130	195	285	
9	1000	342	560	580	41	920	260	140	235	250	135	235	140	145	235	330	
10	1100	342	610	630	35	1020	310	160	235	300	150	235	150	155	235	350	
11	1200	402	595	705	35	1100	295	170	270	300	165	270	165	170	270	400	
12	1355	410	680	775	35	1255	380	180	270	300	180	270	180	185	270	405	

规格 Size	润滑油 Oil		重量 Weight (kg)
	浸油润滑 Dip lubrication (L)	强制润滑 Forced lubrication (L)	
7	50	20	550
8	60	25	645
9	95	38	875
10	110	45	1010
11	165	65	1460
12	180	75	1725

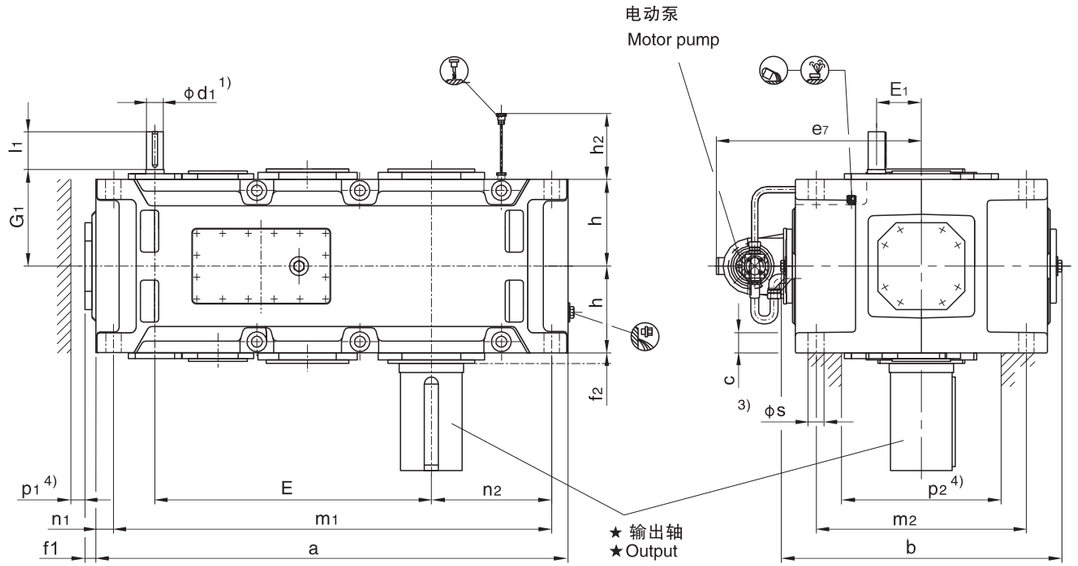
制造商保留修改的权限 Manufacturer reserves modify permissions

平行轴齿轮箱 Helical gear units　　**四级传动** Four Stage　　**立式安装** Vertical

类型 TYPES EH4.V...

规格 SIZES 13...22

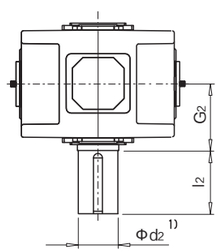
EH4SV EH4HV EH4DV EH4KV
采用强制润滑　With forced lubrication



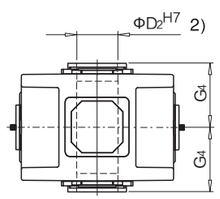
有关供油方式(强制润滑),参见335页　　Oil supply(forced lubrication), see pages 335

★ 输出轴 Output

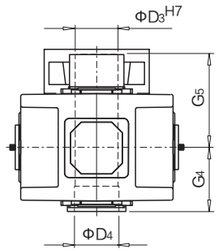
EH4SV
实心轴
Solid shaft



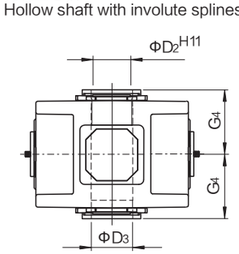
EH4HV
空心轴
Hollow shaft



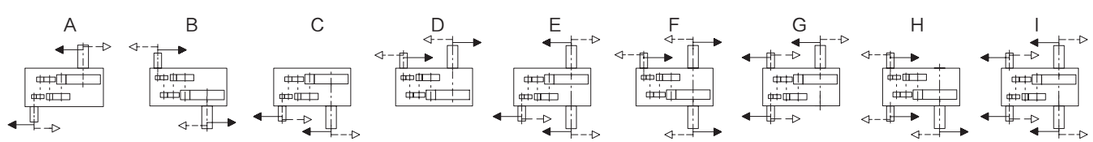
EH4DV
带胀紧盘的空心轴
Hollow shaft for shrink disk



EH4KV
花键空心轴
Hollow shaft with involute splines



布置形式 Design



1)k6≤Φ50　m6＞Φ50 有关平键 GB/T1095-1979型和中心孔,参见第321-322页。 For parallel key GB/T1095-1979 and for center hole,see page 321-322.
2)扭力支撑位于工作机侧。 Torque support on driven machine side.
3)有关油泵、油管和防护盖的安装空间及确切尺寸，请与我们联系。 Space for pump,pipes and cover;for exact dimensions,pleaxe refer to us.

注：尺寸 mm　　Note：Dimensions in mm

规格 Size		输入轴 Input					布置形式 Design G, H, I 仅用于 only for iN=	
		iN=100－180		iN=200－355				
		iN=112－200		iN=224－400				
		iN=125－224		iN=250－450				
		d1 1)	l1	d1 1)	l1	G1		
13	+14	50	100	38	80	305	100–250	125–315
15	+16	60	135	50	110	345	100–250	112–280
17	+18	60	105	50	80	380	–	–
19	+20	根据用户要求供货 On request						
21	+22							

规格 Size	齿轮箱 Gear units											
	b	c	E1	h	h2	m2	n1	p1 4)	p2 4)	s	f1	f2
13+14	900	61±2	130	272.5	300	680	50	50	500	48	47	38
15+16	980	72±2	160	310	340	750	60	50	570	55	56	38
17+18	1110	81±2	160	340	374	850	70	70	630	55	53	38
19+20	根据用户要求供货 On request											
21+22												

规格 Size	齿轮箱 Gear units					输出轴 Output									
						EH4SV			EH4HV		EH4DV				EH4KV
	a	e7	E	m1	n2	d2 1)	G2	l2	D2 2)	G4	D3	D4	G4	G5	
13	1395	695	820	1300	360	200	335	350	190	335	190	195	335	480	见327–330页 See page 327–330
14	1535	695	890	1440	430	210	335	350	210	335	210	215	335	480	
15	1680	735	987	1565	430	230	380	410	230	380	230	235	380	550	
16	1770	735	1033	1655	475	240	380	410	240	380	240	245	380	550	
17	1770	795	1035	1640	465	250	415	410	250	415	250	260	415	600	
18	1890	795	1095	1760	525	270	415	470	275	415	280	285	415	600	
19	根据用户要求供货 On request														
20															
21															
22															

规格 Size	润滑油 Oil (L)	重量 Weight (kg)
13	95	2270
14	105	2600
15	150	3440
16	160	3740
17	190	4445
18	200	4915
19	敬请垂询 On request	
20		
21		
22		

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直交轴齿轮箱 Bevel-helical gear units

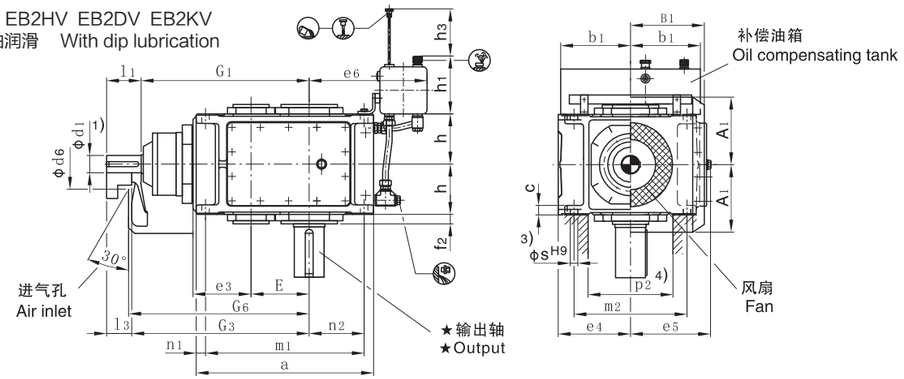
二级传动 Two Stage

立式安装 Vertical

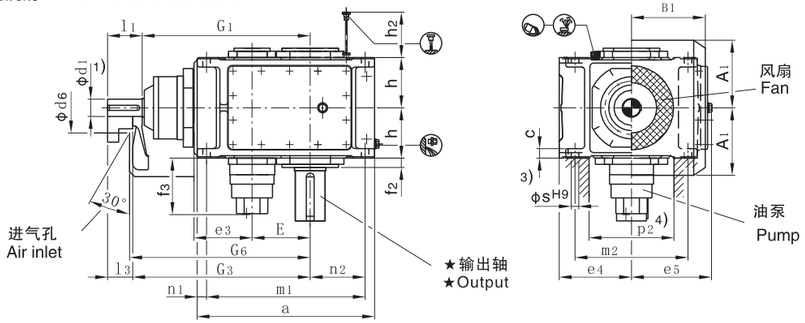
类型 TYPES EB2.V...

规格 SIZES 1...12

EB2SV EB2HV EB2DV EB2KV
采用浸油润滑 With dip lubrication



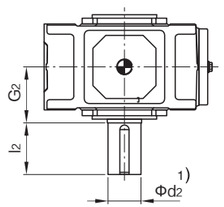
EB2SV EB2HV EB2DV EB2KV
采用强制润滑 With forced lubrication



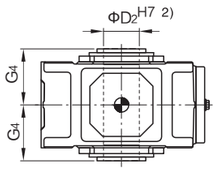
有关供油方式(浸油或强制润滑),参见335页　　Oil supply(dip or forced lubrication), see pages 335

★ 输出轴 Output

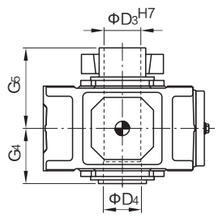
EB2SV
实心轴
Solid shaft



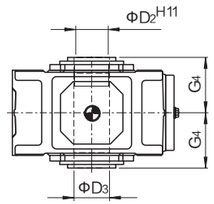
EB2HV
空心轴
Hollow shaft



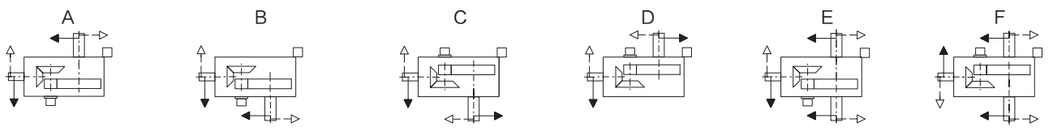
EB2DV
带胀紧盘的空心轴
Hollow shaft for shrink disk



EB2KV
花键空心轴
Hollow shaft with involute splines



布置形式 Design (□法兰泵,□润滑补偿油箱)



1)k6≤Φ50 m6>Φ50 有关平键 GB/T1095-1979型和中心孔,参见第321-322页。 For parallel key GB/T1095-1979 and for center hole,see page 321-322.
2)扭力支撑位于工作机侧。 Torque support on driven machine side.
3)有关油泵、油管和防护盖的安装空间及确切尺寸，请与我们联系。 Space for pump,pipes and cover;for exact dimensions,pleaxe refer to us.

注：尺寸 mm　　Note：Dimensions in mm

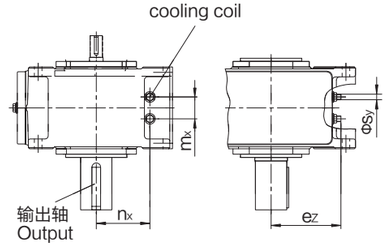
规格 Size	输入轴 Input										冷却风扇 Fan		
	i_N=5-11.2 / i_N=6.3-14			i_N=12.5-18									
	d_1 1)	l_1	l_3	d_1 1)	l_1	l_3	G_1	G_3	G_1	G_3	A_1	B_1	d_6
1	28	55	40	20	50	35	300	315			128	130	100
2	30	70	50	25	60	40	340	360			143	145	110
3	35	80	60	28	60	40	390	410			163	170	120
4	45	100	80				465	485	–	–	188	200	150
5 +6	55	110	80				535	565	570	600	215	235	160
7 +8	70	135	105				640	670	685	715	250	285	210
9 +10	80	165	130				755	790	805	840	270	325	195
11 +12	90	165	130				925	960	995	1030	328	385	210

规格 Size	齿轮箱 Gear units													
	b_1	c	e_3	e_4	e_5	f_2	h	h_1	h_2	h_3	m_2	n_1	p_2 4)	s
1	150	16±1	90	130	145	22	90	165	–	170	210	15	150	12
2	150	20±1	110	145	160	22	102.5	165	–	170	230	20	170	14
3	150	24±1	130	175	185	20	112.5	165	–	180	265	20	200	18
4	150	30±1	160	200	215	25	135	165	–	180	300	30	220	24
5+6	240	30±1	185	230	252	33	160	205	245	240	360	30	270	24
7+8	240	36±1	225	280	302	41	190	205	220	250	430	35	330	28
9+10	330	45±1.5	265	320	342	41	220	275	250	330	490	40	370	36
11+12	330	54±1.5	320	380	410	35	265	275	300	340	600	50	440	40

规格 Size	齿轮箱 Gear units							输出轴 Output									
								EB2SV			EB2HV		EB2DV				EB2KV
	a	e_6	E	f_3	G_6	m_1	n_2	d_2 1)	G_2	l_2	D_2 2)	G_4	D_3	D_4	G_4	G_5	
1	305	280	90	–	325	275	115	45	120	80	–	–	–	–	–	–	见327-330页 See page 327-330
2	355	285	110	–	370	315	120	55	135	110	55	135	60	60	135	180	
3	405	290	130	–	420	365	130	65	145	140	65	145	70	70	145	200	
4	505	320	160	–	495	445	160	80	170	170	80	170	85	85	170	235	
5	565	385	185	190	575	505	175	100	200	210	95	200	100	100	200	275	
6	645	425	220	190	610	585	220	110	200	210	105	200	110	110	200	275	
7	690	425	225	200	685	620	215	120	235	210	115	235	120	120	235	320	
8	795	485	270	200	730	725	275	130	235	250	125	235	130	130	235	325	
9	820	560	265	200	805	740	260	140	270	250	135	270	140	145	270	365	
10	920	610	315	200	855	840	310	160	270	300	150	270	150	155	270	385	
11	975	595	320	200	980	875	295	170	320	300	165	320	165	170	320	450	
12	1130	680	390	200	1050	1030	380	180	320	300	180	320	180	185	320	455	

规格 Size	润滑油 Oil		重量 Weight (kg)
	浸油润滑 Dip lubrication (L)	强制润滑 Forced lubrication (L)	
1	7	–	65
2	11	–	90
3	16	–	140
4	28	–	235
5	41	20	360
6	50	23	410
7	75	35	615
8	90	38	700
9	115	53	1000
10	135	60	1155
11	190	86	1640
12	215	95	1910

冷却盘管的冷却液接口
Water connection for cooling coil



1)冷却盘管适用于淡水, 海水或有咸味的水。
Cooling coil suitable for fresh, sea or brackish water.
2)x)所需冷却水量。　Cooling water quantity required.

规格 Size	冷却盘管 Cooling coil					
	m_x	n_x	e_z	s_y	x) L/min	
1	64	90	125	G1/4	4	
2	78	105	130	G1/4	4	
3	58	123	140	G1/2	4	
4	74	146	160	G1/2	4	
5	130	168	175	G1/2	8	
6	120	162	220	G1/2	4	
7	140	200	210	G1/2	8	
8	140	200	270	G1/2	4	
9	232	210	245	G1/2	8	
10	150	230	295	G1/2	8	
11	312	265	275	G1/2	8	
12	300	265	360	G1/2	8	

直交轴齿轮箱 Bevel-helical gear units

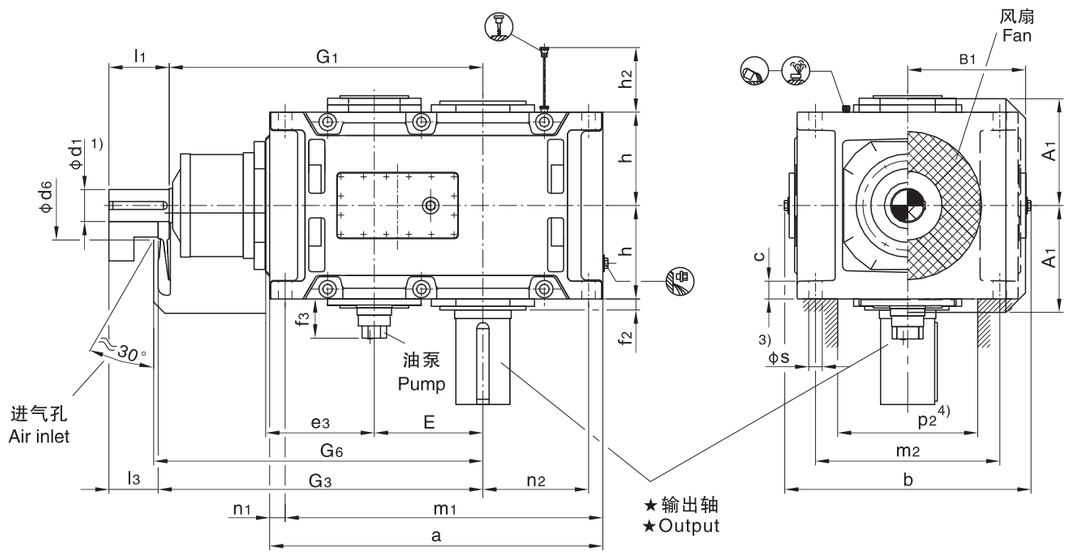
二级传动 Two Stage

立式安装 Vertical

类型 TYPES EB2.V...

规格 SIZES 13...18

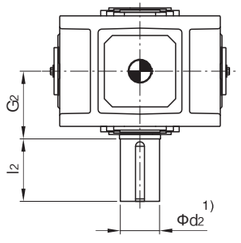
EB2SV EB2HV EB2DV EB2KV
采用强制润滑 With forced lubrication



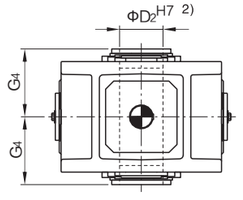
有关供油方式(强制润滑),参见335页 Oil supply(forced lubrication), see pages 335

★ 输出轴 Output

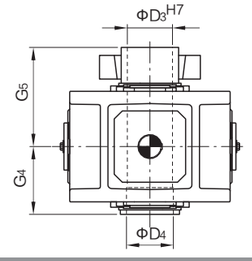
EB2SV
实心轴
Solid shaft



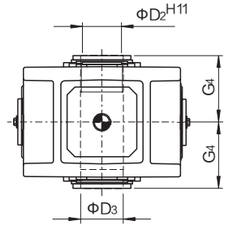
EB2HV
空心轴
Hollow shaft



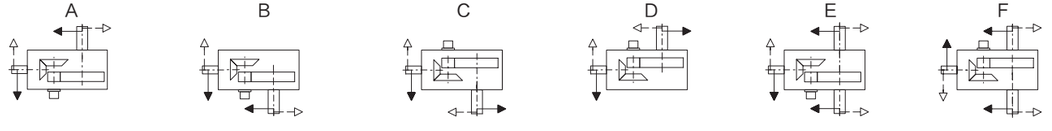
EB2DV
带胀紧盘的空心轴
Hollow shaft for shrink disk



EB2KV
花键空心轴
Hollow shaft with involute splines



布置形式 Design（⊔法兰泵）



1)k6≤Φ50 m6＞Φ50 有关平键 GB/T1095-1979型和中心孔,参见第321-322页。 For parallel key GB/T1095-1979 and for center hole,see page 321-322.
2)扭力支撑位于工作机侧。 Torque support on driven machine side.
3)有关油泵、油管和防护盖的安装空间及确切尺寸，请与我们联系。 Space for pump,pipes and cover;for exact dimensions,pleaxe refer to us.

注：尺寸 mm Note：Dimensions in mm

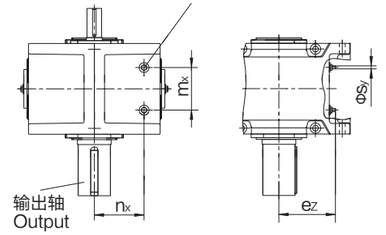
规格 Size	输入轴 Input										冷却风扇 Fan		
	iN=5－11.2 / iN=6.3－14 / iN=7.1－12.5			iN=5.6－11.2 / iN=5.6－12.5									
	d1 1)	l1	l3	d1 1)	l1	l3	G1	G3	G1	G3	A1	B1	d6
13 +14	110	205	165				1070	1110	1140	1180	375	450	245
15	130	245	200				1277	1322	–	–	435	495	280
16				130	245	200	–	–	1323	1368	435	495	280
17				150	245	200	1435	1480	–	–	505	555	380
18	150	245	200				1495	1540	–	–	505	555	380

规格 Size	齿轮箱 Gear units								
	b	c	e3	h	h2	m2	n1	p2 4)	s
13+14	900	61±2	380	325	350	680	50	500	48
15+16	980	72±2	450	380	430	750	60	570	55
17+18	1110	81±2	510	437.5	480	840	70	630	65

规格 Size	齿轮箱 Gear units						输出轴 Output									
							EB2SV			EB2HV		EB2DV				EB2KV
	a	E	f2	f3	m1	n2	d2 1)	G2	l2	D2 2)	G4	D3	D4	G4	G5	
13	1130	370	38	200	1035	360	200	390	350	–	–	–	–	–	–	见327-330页 See page 327-330
14	1270	440	45	200	1175	430	210	390	350	210	390	210	215	390	535	
15	1350	442	48	200	1235	430	230	460	410	–	–	–	–	–	–	
16	1440	488	51	200	1325	475	240	460	410	240	450	240	245	450	620	
17	1490	490	62	200	1360	465	250	540	410	–	–	–	–	–	–	
18	1610	550	62	200	1480	525	270	540	470	275	510	280	285	510	700	

规格 Size	润滑油 Oil (L)	重量 Weight (kg)
13	100	2350
14	110	2725
15	145	3795
16	160	4160
17	210	5320
18	220	5860

冷却盘管的冷却液接口
Water connection for cooling coil



冷却盘管 Cooling coil					
规格 Size	mx	nx	ez	sy	x) L/min
13	324	300	335	G1/2	8
14	324	300	405	G1/2	8
15	396	345	390	G1/2	8
16	396	345	435	G1/2	8
17	324	395	425	G1/2	8
18	324	395	485	G1/2	8

1)冷却盘管适用于淡水, 海水或有咸味的水。
Cooling coil suitable for fresh, sea or brackish water.
2)x)所需冷却水量。 Cooling water quantity required.

EH/EB

直交轴齿轮箱 Bevel-helical gear units

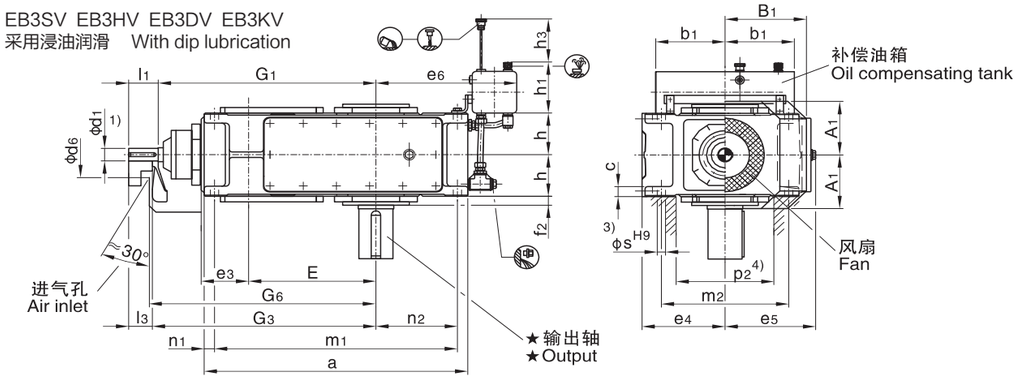
三级传动 Three Stage

立式安装 Vertical

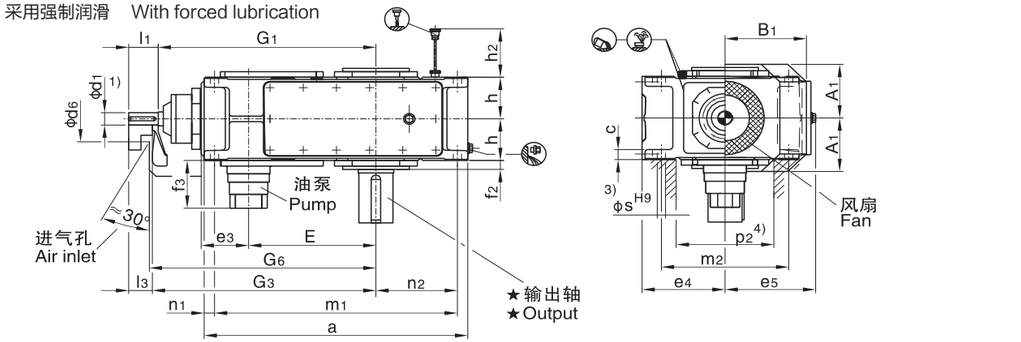
类型 TYPES EB3.V...

规格 SIZES 3...12

EB3SV EB3HV EB3DV EB3KV
采用浸油润滑 With dip lubrication



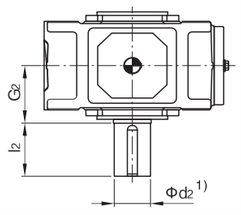
EB3SV EB3HV EB3DV EB3KV
采用强制润滑 With forced lubrication



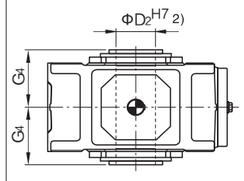
有关供油方式(浸油润滑或强制润滑),参见335页 Oil supply(dip or forced lubrication), see pages 335

★ 输出轴 Output

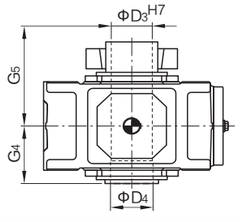
EB3SV
实心轴
Solid shaft



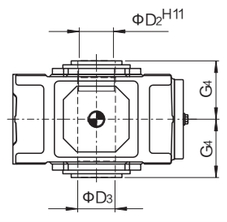
EB3HV
空心轴
Hollow shaft



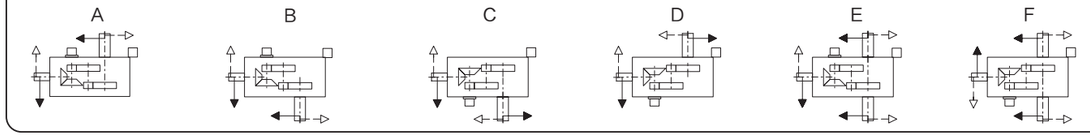
EB3DV
带胀紧盘的空心轴
Hollow shaft for shrink disk



EB3KV
花键空心轴
Hollow shaft with involute splines



布置形式 Design (□法兰泵,□润滑补偿油箱)



1)k6≤Φ50 m6>Φ50 有关平键 GB/T1095-1979型和中心孔,参见第321-322页。 For parallel key GB/T1095-1979 and for center hole,see page 321-322.
2)扭力支撑位于工作机侧。 Torque support on driven machine side.
3)有关油泵、油管和防护盖的安装空间及确切尺寸，请与我们联系。 Space for pump,pipes and cover;for exact dimensions,pleaxe refer to us.

注：尺寸 mm Note：Dimensions in mm

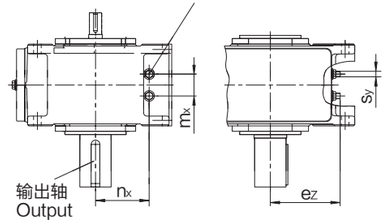
规格 Size	输入轴 Input									冷却风扇 Fan						
	iN=12.5-45 iN=16-56			iN=20-45			iN=50-71 iN=63-90									
	d1 1)	l1	l3	d1 1)	l1	l3	d1 1)	l1	l3	G1	G3	G1	G3	A1	B1	d6
3				28	55	40	20	50	35	430	445			128	170	90
4	30	70	50				25	60	40	500	520			143	200	110
5 +6	35	80	60				28	60	40	575	595	610	630	168	235	130
7 +8	45	100	80				35	80	60	690	710	735	755	193	275	165
9 +10	55	110	80				40	100	70	800	830	850	880	231	325	175
11 +12	70	135	105				50	110	80	960	990	1030	1060	263	385	190

规格 Size	齿轮箱 Gear units												
	b1	c	e3	e4	h	h1	h2	h3	m2	n1	p2 4)	s	f3
3	150	24±1	90	175	95	165	–	180	265	20	210	18	–
4	150	30±1	110	200	107.5	165	–	180	300	30	220	24	–
5 + 6	240	30±1	130	230	127.5	205	180	240	360	30	270	24	190
7 + 8	240	36±1	160	280	150	205	165	250	430	35	330	28	190
9 + 10	330	45±1.5	185	320	185	275	205	330	490	40	370	36	180
11+12	330	54±1.5	225	380	215	275	240	340	600	50	440	40	180

规格 Size	齿轮箱 Gear units								输出轴 Output								
									EB3SV			EB3HV		EB3DV			EB3KV
	a	e5	e6	E	f2	G6	m1	n2	d2 1)	G2	l2	D2 2)	G4	D3	D4	G4	G5	
3	450	185	290	220	20	455	410	125	65	125	140	65	125	70	70	125	180	见327-330页 See page 327-330
4	565	215	320	270	25	530	505	160	80	140	170	80	140	85	85	140	205	
5	640	252	385	315	33	605	580	175	100	165	210	95	165	100	100	165	240	
6	720	252	425	350	33	640	660	220	110	165	210	105	165	110	110	165	240	
7	785	292	425	385	38	720	715	215	120	195	210	115	195	120	120	195	280	
8	890	302	485	430	41	765	820	275	130	195	250	125	195	130	130	195	285	
9	925	342	560	450	41	845	845	260	140	235	250	135	235	140	145	235	330	
10	1025	342	610	500	35	895	945	310	160	235	300	150	235	150	155	235	350	
11	1105	402	595	545	35	1010	1005	295	170	270	300	165	270	165	170	270	400	
12	1260	410	680	615	35	1080	1160	380	180	270	300	180	270	180	185	270	405	

规格 Size	润滑油 Oil		重量 Weight (kg)
	浸油润滑 Dip lubrication (L)	强制润滑 Forced lubrication (L)	
3	15	–	130
4	28	–	210
5	32	12	325
6	35	13	380
7	52	22	550
8	67	28	635
9	115	48	890
10	125	52	1020
11	180	75	1455
12	200	85	1730

冷却盘管的冷却液接口
Water connection for cooling coil



规格 Size	冷却盘管 Cooling coil					
	mx	nx	ez	sy		x) L/min
3	34	120	130	G1/2		4
4	34	140	155	G1/2		4
5	68	166	170	G1/2		4
6	70	162	215	G1/2		4
7	100	197	210	G1/2		4
8	100	197	270	G1/2		4
9	140	210	245	G1/2		8
10	100	225	295	G1/2		8
11	110	285	275	G1/2		8
12	200	271	360	G1/2		8

1)冷却盘管适用于淡水, 海水或有咸味的水。
Cooling coil suitable for fresh, sea or brackish water.
2)x)所需冷却水量。 Cooling water quantity required.

直交轴齿轮箱 Bevel-helical gear units

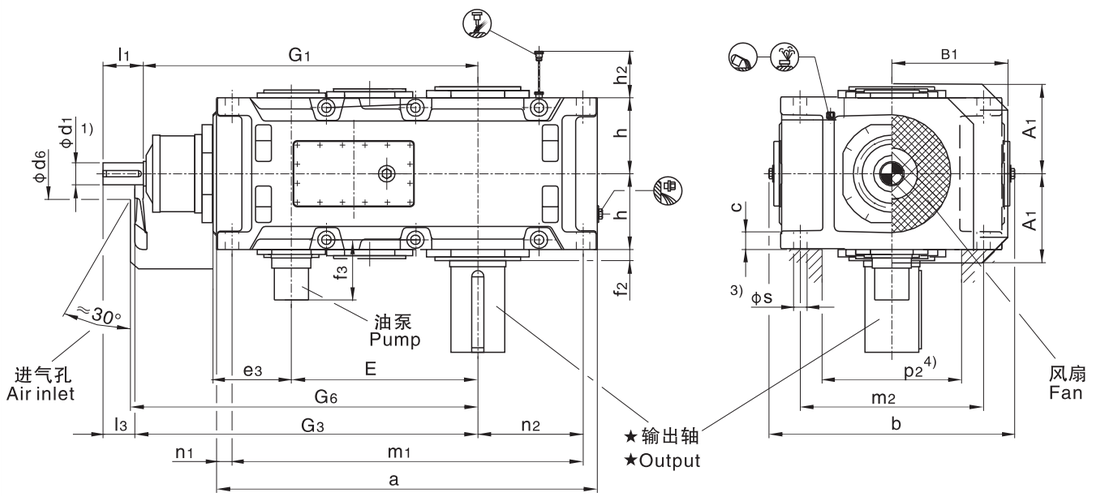
三级传动 Three Stage

立式安装 Vertical

类型 TYPES EB3.V...

规格 SIZES 13...22

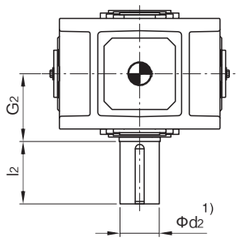
EB3SV EB3HV EB3DV EB3KV
采用强制润滑 With forced lubrication



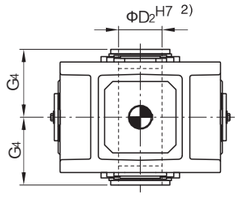
有关供油方式(强制润滑),参见335页 Oil supply(forced lubrication), see pages 335

★ 输出轴 Output

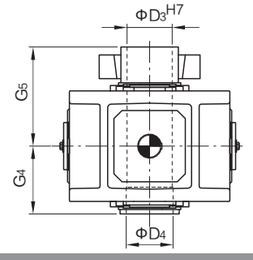
EB3SV
实心轴
Solid shaft



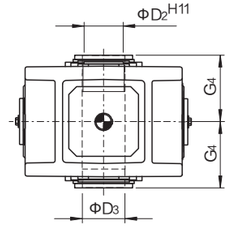
EB3HV
空心轴
Hollow shaft



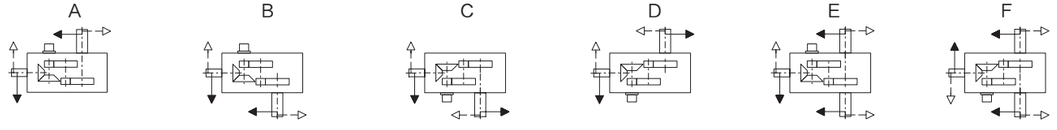
EB3DV
带胀紧盘的空心轴
Hollow shaft for shrink disk



EB3KV
花键空心轴
Hollow shaft with involute splines



布置形式 Design（法兰泵）



1)k6≤Φ50 m6＞Φ50 有关平键 GB/T1095-1979型和中心孔,参见第321-322页。 For parallel key GB/T1095-1979 and for center hole,see page 321-322.
2)扭力支撑位于工作机侧。 Torque support on driven machine side.
3)有关油泵、油管和防护盖的安装空间及确切尺寸，请与我们联系。 Space for pump,pipes and cover;for exact dimensions,pleaxe refer to us.

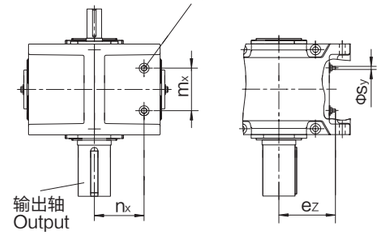
注：尺寸 mm Note：Dimensions in mm

规格 Size		输入轴 Input						冷却风扇 Fan						
		iN=12.5－45 iN=14－50 iN=16－56			iN=50－71 iN=56－80 iN=63－90									
		d1 1)	l1	l3	d1 1)	l1	l3	G1	G3	G1	G3	A1	B1	d6
13	+14	80	165	130	60	140	105	1125	1160	1195	1230	325	435	210
15	+16	90	165	130	70	140	105	1367	1402	1413	1448	365	520	210
17	+18	110	205	165	80	170	130	1560	1600	1620	1660	395	570	230
19	+20	根据用户要求供货 On request												
21	+22													

规格 Size	齿轮箱 Gear units										
	b	c	e3	f2	f3	h	h2	m2	n1	p2 4)	s
13+14	900	61 ±2	265	38	170	272.5	300	680	50	500	48
15+16	980	72 ±2	320	38	170	310	340	750	60	570	55
17+18	1110	81 ±2	370	38	170	340	380	850	70	630	55
19+20	根据用户要求供货 On request										
21+22											

规格 Size	齿轮箱 Gear units					输出轴 Output									EB3KV
						EB3SV			EB3HV		EB3DV				
	a	E	G6	m1	n2	d2 1)	G2	l2	D2 2)	G4	D3	D4	G4	G5	
13	1290	635	1180	1195	360	200	335	350	190	335	190	195	335	480	见327-330页 See page 327-330
14	1430	705	1250	1335	430	210	335	350	210	335	210	215	335	480	
15	1550	762	1420	1435	430	230	380	410	230	380	230	235	380	550	
16	1640	808	1470	1525	475	240	380	410	240	380	240	245	380	550	
17	1740	860	1620	1610	465	250	415	410	250	415	250	260	415	600	
18	1860	920	1680	1730	525	270	415	470	275	415	280	285	415	600	
19	根据用户要求供货 On request														
20															
21															
22															

规格 Size	润滑油 Oil (L)	重量 Weight (kg)
13	95	2260
14	110	2615
15	165	3540
16	190	3765
17	210	4760
18	240	5240
19	敬请垂询 On request	
20		
21		
22		



规格 Size	冷却盘管 Cooling coil					
	mx	nx	ez	sy	x) L/min	
13	252	300	335	G1/2	8	
14	252	300	405	G1/2	8	
15	290	335	395	G1/2	8	
16	290	335	440	G1/2	8	
17	340	380	425	G1/2	8	
18	340	380	485	G1/2	8	
19	敬请垂询 On request					
20						
21						
22						

1)冷却盘管适用于淡水, 海水或有咸味的水。
Cooling coil suitable for fresh, sea or brackish water.
2)x)所需冷却水量。 Cooling water quantity required.

直交轴齿轮箱 Bevel-helical gear units

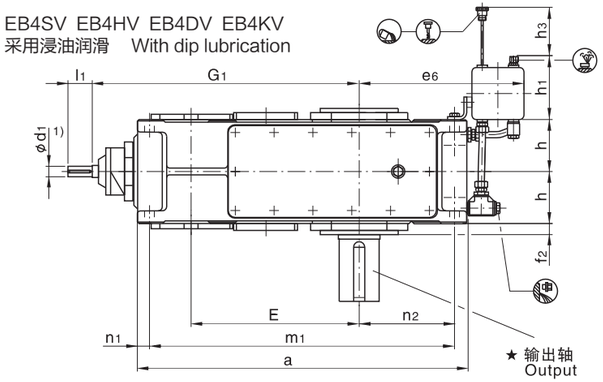
四级传动 Four Stage

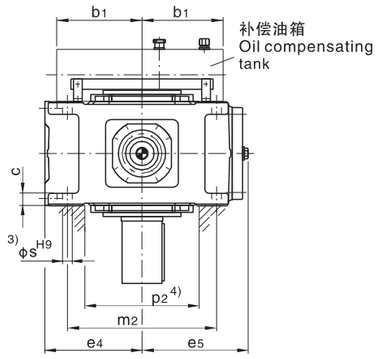
立式安装 Vertical

类型 TYPES EB4.V...

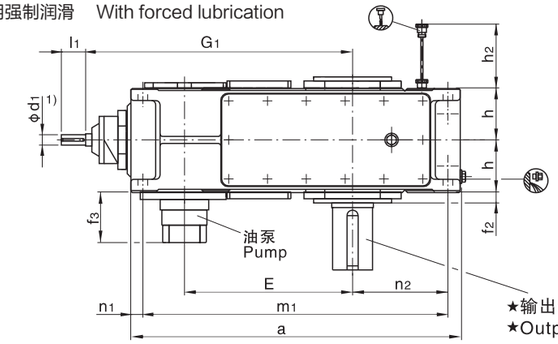
规格 SIZES 5...12

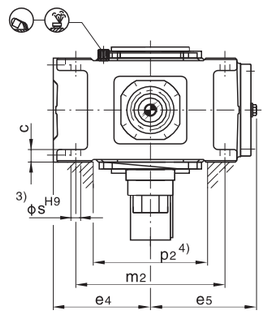
EB4SV EB4HV EB4DV EB4KV
采用浸油润滑 With dip lubrication





EB4SV EB4HV EB4DV EB4KV
采用强制润滑 With forced lubrication

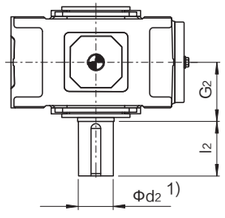




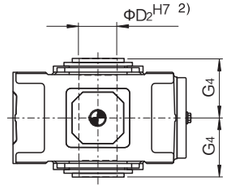
有关供油方式(浸油润滑或强制润滑),参见335页 Oil supply(dip or forced lubrication), see pages 335

★ 输出轴 Output

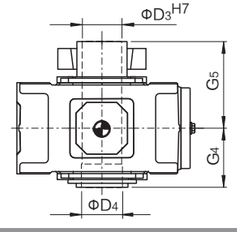
EB4SV
实心轴
Solid shaft



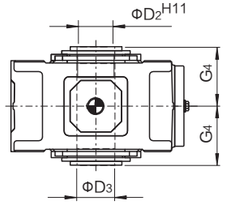
EB4HV
空心轴
Hollow shaft



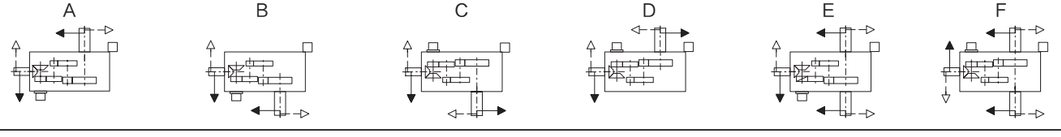
EB4DV
带胀紧盘的空心轴
Hollow shaft for shrink disk



EB4KV
花键空心轴
Hollow shaft with involute splines



布置形式 Design (吕法兰泵,□润滑补偿油箱)



1)k6≤Φ50 m6>Φ50 有关平键 GB/T1095-1979型和中心孔,参见第321-322页。 For parallel key GB/T1095-1979 and for center hole,see page 321-322.
2)扭力支撑位于工作机侧。 Torque support on driven machine side.
3)有关油泵、油管和防护盖的安装空间及确切尺寸，请与我们联系。 Space for pump,pipes and cover;for exact dimensions,pleaxe refer to us.

注：尺寸 mm Note：Dimensions in mm

规格 Size		输入轴 Input iN=80-180 iN=100-224 d1 1)	l1	iN=200-315 iN=250-400 d1 1)	l1	G1	G1
5	+6	28	55	20	50	615	650
7	+8	30	70	25	60	725	770
9	+10	35	80	28	60	840	890
11	+12	45	100	35	80	1010	1080

规格 Size	齿轮箱 Gear units b1	c	e4	h	h1	h2	h3	m2	n1	p2 4)	s	f3
5+6	240	30±1	230	127.5	205	190	240	360	30	270	24	200
7+8	240	36±1	280	150	205	165	250	430	35	330	28	120
9+10	330	45±1.5	320	185	275	205	330	490	40	370	36	120
11+12	330	55±1.5	380	215	275	240	340	600	50	440	40	130

规格 Size	齿轮箱 Gear units a	e5	e6	E	f2	m1	n2	输出轴 Output EB4SV d2 1)	G2	l2	EB4HV D2 2)	G4	EB4DV D3	D4	G4	G5	EB4KV
5	690	252	385	405	28	630	175	100	165	210	95	165	100	100	165	240	见327-330页 See page 327-330
6	770	252	425	440	28	710	220	110	165	210	105	165	110	110	165	240	
7	845	292	425	495	30	775	215	120	195	210	115	195	120	120	195	280	
8	950	302	485	540	32	880	275	130	195	250	125	195	130	130	195	285	
9	1000	342	560	580	32	920	260	140	235	250	135	235	140	145	235	330	
10	1100	342	610	630	32	1020	310	160	235	300	150	235	150	155	235	350	
11	1200	402	595	705	35	1100	295	170	270	300	165	270	165	170	270	400	
12	1355	410	680	775	35	1255	380	180	270	300	180	270	180	185	270	405	

规格 Size	润滑油 Oil 浸油润滑 Dip lubrication (L)	强制润滑 Forced lubrication (L)	重量 Weight (kg)
5	36	15	335
6	40	16	385
7	60	30	555
8	70	35	655
9	110	60	890
10	130	67	1025
11	180	75	1485
12	195	85	1750

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直交轴齿轮箱 Bevel-helical gear units

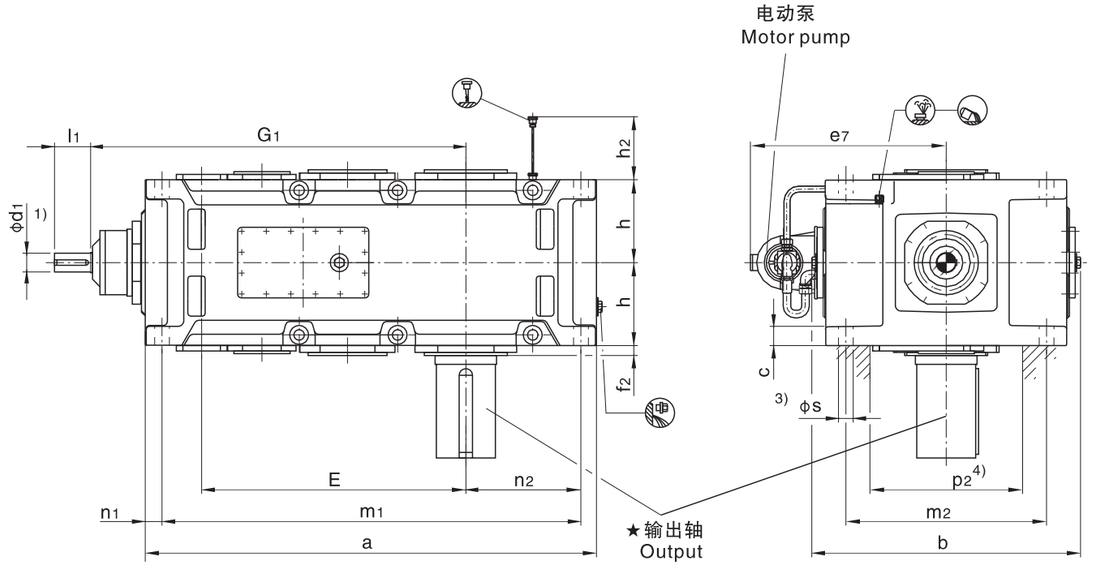
四级传动 Four Stage

立式安装 Vertical

类型 TYPES EB4.V...

规格 SIZES 13...22

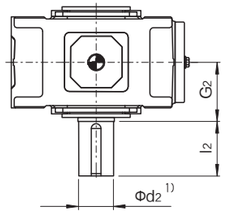
EB4SV EB4HV EB4DV EB4KV
采用强制润滑 With forced lubrication



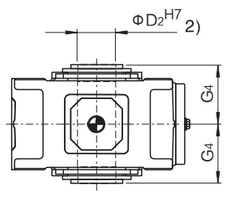
有关供油方式(强制润滑),参见335页 Oil supply(forced lubrication), see pages 335

★ 输出轴 Output

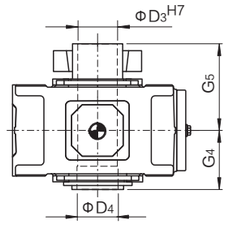
EB4SV
实心轴
Solid shaft



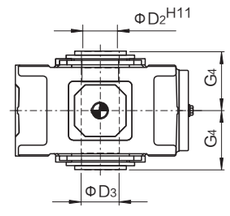
EB4HV
空心轴
Hollow shaft



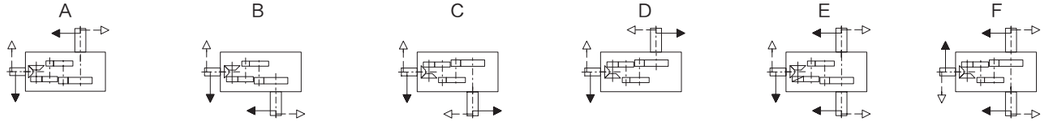
EB4DV
带胀紧盘的空心轴
Hollow shaft for shrink disk



EB4KV
花键空心轴
Hollow shaft with involute splines



布置形式 Design



1)k6≤Φ50 m6>Φ50 有关平键 GB/T1095-1979型和中心孔,参见第321-322页。 For parallel key GB/T1095-1979 and for center hole,see page 321-322.
2)扭力支撑位于工作机侧。 Torque support on driven machine side.
3)有关油泵、油管和防护盖的安装空间及确切尺寸，请与我们联系。 Space for pump,pipes and cover;for exact dimensions,pleaxe refer to us.

注：尺寸 mm Note：Dimensions in mm

规格 Size		输入轴 Input					
		iN=80－180		iN=200－315			
		iN=90－200		iN=224－355			
		iN=100－224		iN=250－400			
		d1 1)	l1	d1 1)	l1	G1	G1
13	+14	55	110	40	100	1170	1240
15	+16	70	135	50	110	1402	1448
17	+18	70	135	50	110	1450	1510
19	+20	敬请垂询 On request					
21	+22						

规格 Size	齿轮箱 Gear units								
	b	c	h	h2	m2	n1	p2 4)	s	f2
13+14	900	61±2	272.5	300	680	50	500	48	38
15+16	980	72±2	310	340	750	60	570	55	38
17+18	1110	81±2	340	374	850	70	630	55	38
19+20	敬请垂询 On request								
21+22									

规格 Size	齿轮箱 Gear units					输出轴 Output									
						EB4SV			EB4HV		EB4DV				EB4KV
	a	e7	E	m1	n2	d2 1)	G2	l2	D2 2)	G4	D3	D4	G4	G5	
13	1395	695	820	1300	360	200	335	350	190	335	190	195	335	480	见327-330页 See page 327-330
14	1535	695	890	1440	430	210	335	350	210	335	210	215	335	480	
15	1680	735	987	1565	430	230	380	410	230	380	230	235	380	550	
16	1770	735	1033	1655	475	240	380	410	240	380	240	245	380	550	
17	1770	795	1035	1640	465	250	415	410	250	415	250	260	415	600	
18	1890	795	1095	1760	525	270	415	470	275	415	280	285	415	600	
19	敬请垂询 On request														
20															
21															
22															

规格 Size	润滑油 Oil (L)	重量 Weight (kg)
13	130	2280
14	150	2605
15	200	3435
16	235	3765
17	215	4460
18	250	4930
19	敬请垂询 On request	
20		
21		
22		

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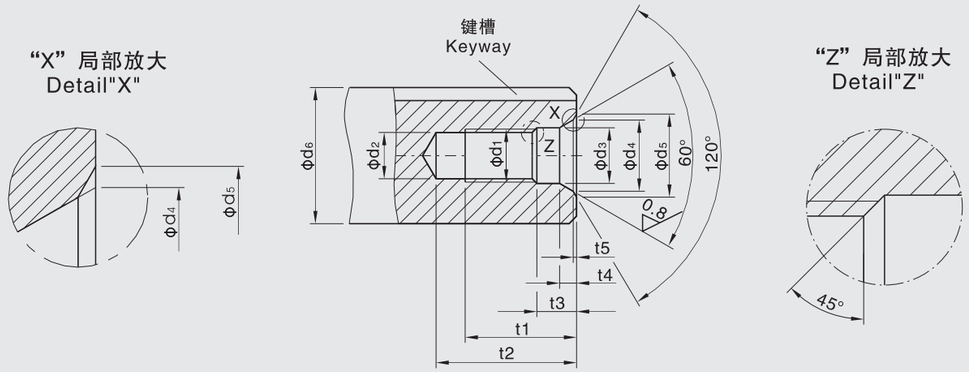
齿轮箱 Gear units

C型轴端中心孔，符合GB145-1985标准
Centre Holes,Form C in Shaft Ends GB145-1985

C型中心孔 Form C
锥孔，带一段直孔和护锥沉孔 Tapped hole,with straight running face and counterbore



推荐尺寸 Recommended diameters		C型 From C										
d_6[1]												
大于 above	至 to	C中心孔 C-Centering	d_1	d_2	d_3	d_4	d_5	t_1 +2	t_2 min.	t_2 max.	t_3 +1	t_4 ≈	t_5 ≈
mm													
16	21	C 6	M6	5	6.4	9.6	10.5	16	20	22	5	2.8	0.4
21	24	C 8	M8	6.8	8.4	12.2	13.2	19	25	28	6	3.3	0.4
24	30	C 10	M10	8.5	10.5	14.9	16.3	22	30	34	7.5	3.8	0.6
30	38	C 12	M12	10.2	13	18.1	19.8	28	37	42	9.5	4.4	0.7
38	50	C 16	M16	14	17	23	25.3	36	45	50	12	5.2	1.0
50	85	C 20	M20	17.5	21	28.4	31.3	42	53	59	15	6.4	1.3
85	130	C 24	M24	21	25	34.2	38	50	63	68	18	8	1.6
130*	225*	C 30	M30*	26.5	31	44	48	60	77	83	17	11	1.9
225*	320*	C 36	M36*	32	37	55	60	74	93	99	22	15	2.3
320*	500*	C 42	M42*	37.5	43	65	71	84	105	111	26	19	2.7

1)工件加工后最终尺寸。 Diameter of the finished work piece.
*)不是根据GB145-1985确定的尺寸。 Dimensions not acc. to GB145-1985.

齿轮箱 Gear units

选择 ISO 配合精度
Selection of IOS fits

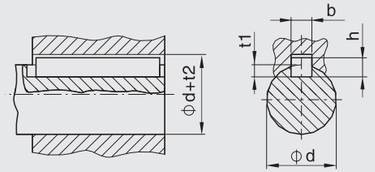
平键和键槽
Parallel keys and keyways

轴端螺纹孔 Centre holes in shaft end									
轴径Φd Diameter	≥16－21	>21－24	>24－30	>30－38	>38－50	>50－85	>85－130	>130－225	>225－320	>320－500
螺孔尺寸 Screw	M6×12	M8×16	M10×20	M12×25	M16×35	M20×40	M24×50	M30×60	M36×70	M42×80

平键 Parallel keys

平键紧固方式,采用无锥度联接。
Drive type fastening without taper action

平键和键槽根据 GB/T1095-1979 标准确定。
Parallel key and keyway acc. to GB/T1095-1979



1)重载工作条件下轮毂平键键槽宽度 b 的公差带应按 ISO JS9 或ISO P9 确定。
1) The tolerance zone for the hub keyway width b for parallel keys is ISO JS9, or ISO P9 for heavy-duty operating conditions.

直径 Diameter Φd 大于 Above mm	直径 Diameter Φd 至 To mm	宽度1) Width 1) b 1) mm	高度 Height h mm	轴键槽深度 Depth of key-way in shaft t_1 mm	轮毂键槽深度 Depth of key-way in hub d+t_2 GB/T1095-1979 mm
17	22	6	6	3.5	d+2.8
22	30	8	7	4	d+3.3
30	38	10	8	5	d+3.3
38	44	12	8	5	d+3.3
44	50	14	9	5.5	d+3.8
50	58	16	10	6	d+4.3
58	65	18	11	7	d+4.4
65	75	20	12	7.5	d+4.9
75	85	22	14	9	d+5.4
85	95	25	14	9	d+5.4
95	110	28	16	10	d+6.4
110	130	32	18	11	d+7.4
130	150	36	20	12	d+8.4
150	170	40	22	13	d+9.4
170	200	45	25	15	d+10.4
200	230	50	28	17	d+11.4
230	260	56	32	20	d+12.4
260	290	63	32	20	d+12.4
290	330	70	36	22	d+14.4
330	380	80	40	25	d+15.4
380	440	90	45	28	d+17.4

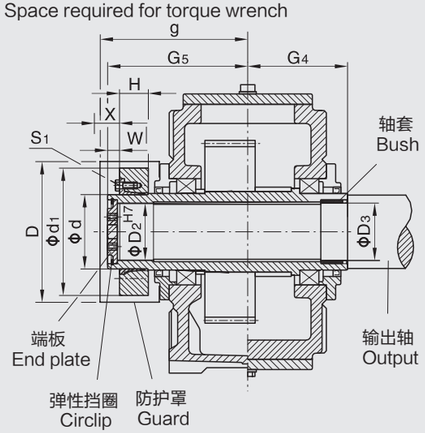
齿轮箱 Gear units

带胀紧盘的空心轴 Hollow Shaft For Shrink Disk

类型 TYPES EH2,EH3,EH4,EB3,EB4

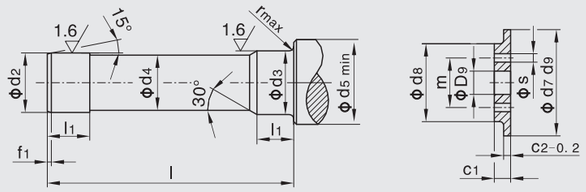
规格 SIZES 3...26

X= 要求预留的力矩扳手空间
X= Space required for torque wrench



用于胀紧盘联接的工作机驱动轴。
工作机驱动轴表面不得沾有机油或润滑脂。

Driven machine shaft for shrink disk connection.
Driven machine shaft must be free of oil or grease.



工作机驱动轴的C型中心孔由GB145-1985确定。
Driven machine shaft with center hole form C acc. to GB145-1985

端板
End plate

类型 EH2D,EH3D,EH4D,EB3D,EB4D Types EH2D,EH3D,EH4D,EB3D,EB4D

齿轮箱规格 Gear unit size	工作机驱动轴 2) Driven machine shaft								端板 End plate								弹性挡圈 Ring Circlip	空心轴 Hollow shaft				胀紧盘 1) Shrink disk					螺钉 Screw
	d_2	d_3	d_4	d_5	f_1	l	l_1	r	c_1	c_2	d_7	d_8	D_9	m	s	数量 Qty.	GB89/ 3.2-86	D_2	D_3	G_4	G_5	类型 Type	d	d_1	H	W	s_1
	mm																mm										
3	70g6	70g6	69.5	80	4	286	38	2	17	7	75	55	22	40	M8	2	75x2.5	70	70	125	180	90-32	90	155	38	20	M10
4	85g6	85h6	84.5	95	4	326	48	2	17	7	90	70	22	50	M8	2	90x3	85	85	140	205	110-32	110	185	49	20	M12
5	100g6	100h6	99.5	114	5	383	53	2	20	8	105	80	26	55	M10	2	105x4	100	100	165	240	125-32	125	215	53	20	M12
6	110g6	110h6	109.5	124	5	383	58	3	20	8	115	85	26	60	M10	2	115x4	110	110	165	240	140-32	140	230	58	20	M14
7	120g6	120h6	119.5	134	5	453	68	3	20	8	125	90	26	65	M12	2	125x4	120	120	195	280	155-32	155	263	62	23	M14
8	130g6	130h6	129.5	145	6	458	73	3	20	8	135	100	26	70	M12	2	135x4	130	130	195	285	165-32	165	290	68	23	M16
9	140g6	145m6	139.5	160	6	539	82	4	23	10	150	110	33	80	M12	2	150x4	140	145	235	330	175-32	175	300	68	28	M16
10	150g6	155m6	149.5	170	6	559	92	4	23	10	160	120	33	90	M12	2	160x4	150	155	235	350	200-32	200	340	85	28	M16
11	165f6	170m6	164.5	185	7	644	112	4	23	10	175	130	33	90	M12	2	175x4	165	170	270	400	220-32	220	370	103	30	M20
12	180f6	185m6	179.5	200	7	649	122	4	23	10	190	140	33	100	M16	2	190x4	180	185	270	405	240-32	240	405	107	30	M20
13	190f6	195m6	189.5	213	7	789	137	5	23	10	200	150	33	110	M16	2	200x4	190	195	335	480	260-32	260	430	119	30	M20
14	210f6	215m6	209.5	233	8	784	147	5	28	14	220	170	33	130	M16	2	220x5	210	215	335	480	280-32	280	460	132	30	M20
15	230f6	235m6	229.5	253	8	899	157	5	28	14	240	180	39	140	M16	2	240x5	230	235	380	550	300-32	300	485	140	35	M24
16	240f6	245m6	239.5	263	8	899	157	5	28	14	250	190	39	150	M20	2	250x5	240	245	380	550	320-32	320	520	140	35	M24
17	250f6	260m6	249.5	278	8	982	177	5	30	14	265	200	39	150	M20	2	265x5	250	260	415	600	340-32	340	570	155	35	M24
18	280f6	285m6	279.5	306	9	982	177	5	30	14	290	210	39	160	M20	2	290x5	280	285	415	600	360-32	360	590	162	35	M24
19	285f6	295m6	284.5	316	9	1100	187	5	32	15	300	220	39	170	M24	2	300x5	285	295	465	670	380-32	380	640	166	40	M27
20	310f6	315m6	309.5	336	9	1100	187	5	32	15	320	230	39	180	M24	2	320x6	310	315	465	670	390-32	390	650	166	40	M27
21	330f6	335m6	329	358	9	1160	205	5	40	20	340	250	45	190	M24	2	340x6	330	335	490	715	420-32	420	670	186	45	M27
22	340f6	345m6	339	368	9	1170	215	5	40	20	350	260	45	200	M24	2	350x6	340	345	490	725	440-32	440	720	194	45	M27
23	根据用户要求供货 On request																										
24																											
25																											
26																											

1)胀紧盘不在我们的供货范围之内。如有需要,请另行订货。 Shrink disk does not belong to our scope of suppiy. Please order separately, if required.
2)工作机驱动轴材质:40Cr或强度更高的钢。根据用户要求,胀紧盘可布置在工作机侧。工作机驱动轴尺寸函索即复。
Material of driver machine shaft:40Cr or higher strength. Shrink disk on machine side on request. Shrink disk is supplied as loose item.
Dimensions of machine shaft on request.

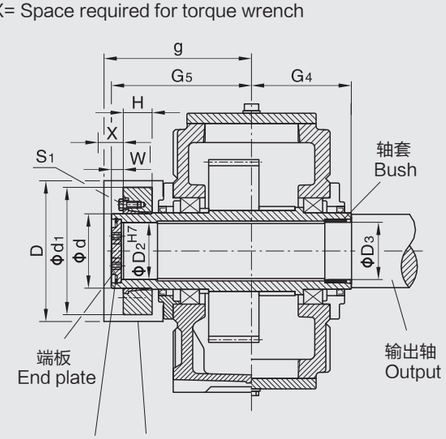
齿轮箱 Gear units

带胀紧盘的空心轴 Hollow Shaft For Shrink Disk

类型 TYPES EB2D.

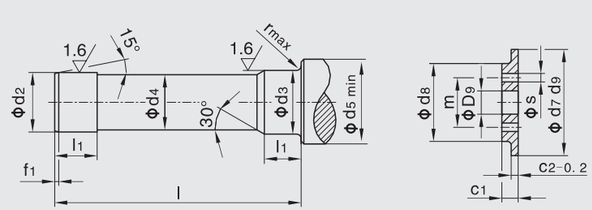
规格 SIZES 2...18

X= 要求预留的力矩扳手空间
X= Space required for torque wrench



用于胀紧盘联接的工作机驱动轴。
工作机驱动轴表面不得沾有机油或润滑脂。

Driven machine shaft for shrink disk connection.
Driven machine shaft must be free of oil or grease.



工作机驱动轴的C型中心孔由GB145-1985确定。
Driven machine shaft with center hole form C acc. to GB145-1985

端板
End plate

类型 EB2D Type EB2D.

齿轮箱规格 Gear unit size	工作机驱动轴 2) Driven machine shaft								端板 End plate								弹性挡圈 Ring Circlip	空心轴 Hollow shaft				胀紧盘 1) Shrink disk					螺钉 Screw	防护罩 Guard	
	d_2	d_3	d_4	d_5	f_1	l	l_1	r	c_1	c_2	d_7	d_8	D_9	m	s	数量 Qty.	GB89/ 3.2-86	D_2	D_3	G_4	G_5	类型 Type	d	d_1	H	W	s_1	D	g
	mm																mm											
2	60g6	60g6	59.5	70	3	300	36	2	13	6	65	47	22	35	M6	2	65x2.5	60	60	135	180	80-32	80	141	31	16	M10	180	200
3	70g6	70g6	69.5	80	4	326	38	2	17	7	75	55	22	40	M8	2	75x2.5	70	70	145	200	90-32	90	155	38	20	M10	200	220
4	85g6	85h6	84.5	95	4	386	48	2	17	7	90	70	22	50	M8	2	90x2.5	85	85	170	235	110-32	110	185	49	20	M12	235	250
5	100g6	100h6	99.5	114	5	453	53	2	20	8	105	80	26	55	M10	2	105x3	100	100	200	275	125-32	125	215	53	20	M12	275	285
6	110g6	110h6	109.5	124	5	453	58	3	20	8	115	85	26	60	M10	2	115x3	110	110	200	275	140-32	140	230	58	20	M14	285	285
7	120g6	120h6	119.5	134	5	533	68	3	20	8	125	90	26	65	M12	2	125x3	120	120	235	320	155-32	155	263	62	23	M14	330	335
8	130g6	130h6	129.5	145	6	538	73	3	20	8	135	100	26	70	M12	2	135x3	130	130	235	325	165-32	165	290	68	23	M16	340	340
9	140g6	145m6	139.5	160	6	609	82	4	23	10	150	110	33	80	M12	2	150x3	140	145	270	365	175-32	175	300	68	28	M16	360	380
10	150g6	155m6	149.5	170	6	629	92	4	23	10	160	120	33	90	M12	2	160x3	150	155	270	385	200-32	200	340	85	28	M16	395	400
11	165f6	170m6	164.5	185	7	744	112	4	23	10	175	130	33	90	M12	2	175x3	165	170	320	450	220-32	220	370	103	30	M20	435	470
12	180f6	185m6	179.5	200	7	749	122	4	23	10	190	140	33	100	M16	2	190x3	180	185	320	455	240-32	240	405	107	30	M20	450	470
14	210f6	215m6	209.5	233	8	894	147	5	28	14	220	170	33	130	M16	2	220x5	210	215	390	535	280-32	280	460	132	30	M20	525	555
16	240f6	245m6	239.5	263	8	1039	157	5	28	14	250	190	39	150	M20	2	250x5	240	245	450	620	320-32	320	520	140	35	M24	595	645
18	280f6	285m6	279.5	306	9	1177	177	5	30	14	290	210	39	160	M20	2	290x5	280	285	510	700	360-32	360	590	162	35	M24	635	725

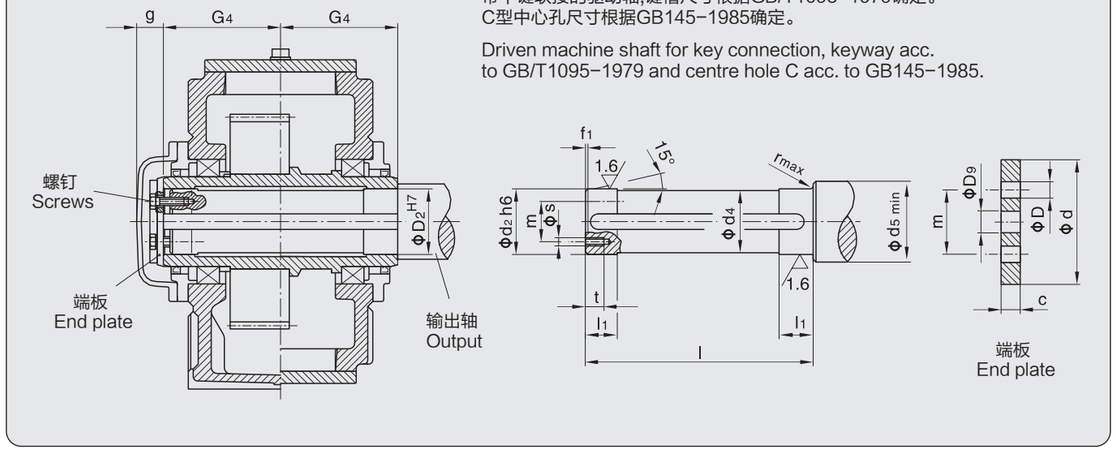
1)胀紧盘不在我们的供货范围之内。如有需要,请另行订货。 Shrink disk does not belong to our scope of suppiy. Please order separately, if required.
2)工作机驱动轴材质:40Cr或强度更高的钢。根据用户要求,胀紧盘可布置在工作机侧。工作机驱动轴尺寸函索即复。
Material of driver machine shaft:40Cr or higher strength. Shrink disk on machine side on request. Shrink disk is supplied as loose item.
Dimensions of machine shaft on request.

齿轮箱 Gear units

带平键联接的空心轴 Hollow Shaft For Parallel Key Connections

类型 TYPES EH2,EH3,EH4,EB3,EB4

规格 SIZES 3...18



类型 EH2,EH3,EH4,EB3,EB4 Types EH2,EH3,EH4,EB3,EB4

齿轮箱规格 Gear unit size	工作机驱动轴1) Driven machine shaft									端板 End plate					螺钉 Screw		空心轴 Hollow shaft		
	d_2	d_4	d_5	f_1	l	l_1	r	s	t	c	D	D_9	d	m	规格 Size	数量 Qty.	D_2	G_4	g
	mm																mm		
3	65	64.5	73	4	248	30	1.2	M10	18	8	11	18	78	45	M10x25	2	65	125	35
4	80	79.5	88	4	278	35	1.2	M10	18	10	11	22	100	60	M10x25	2	80	140	35
5	95	94.5	105	5	328	40	1.6	M10	18	10	11	26	120	70	M10x25	2	95	165	40
6	105	104.5	116	5	328	45	1.6	M10	18	10	11	26	120	70	M10x25	2	105	165	40
7	115	114.5	126	5	388	50	1.6	M12	20	12	13.5	26	140	80	M12x30	2	115	195	40
8	125	124.5	136	6	388	55	2.5	M12	20	12	13.5	26	150	85	M12x30	2	125	195	40
9	135	134.5	147	6	467	60	2.5	M12	20	12	13.5	33	160	90	M12x30	2	135	235	45
10	150	149.5	162	6	467	65	2.5	M12	20	12	13.5	33	185	110	M12x30	2	150	235	45
11	165	164.5	177	7	537	70	2.5	M16	28	15	17.5	33	195	120	M16x40	2	165	270	45
12	180	179.5	192	7	537	75	2.5	M16	28	15	17.5	33	220	130	M16x40	2	180	270	45
13	190	189.5	206	7	667	80	3	M16	28	18	17.5	33	230	140	M16x40	2	190	335	45
14	210	209.5	226	8	667	85	3	M16	28	18	17.5	33	250	160	M16x40	2	210	335	45
15	230	229.5	248	8	756	100	3	M20	38	25	22	39	270	180	M20x55	4	230	380	60
16	240	239.5	258	8	756	100	3	M20	38	25	22	39	280	180	M20x55	4	240	380	60
17	250	249.5	270	8	826	110	4	M20	38	25	22	39	300	190	M20x55	4	250	415	60
18	275	274.5	295	9	826	120	4	M20	38	25	22	39	330	210	M20x55	4	275	415	60

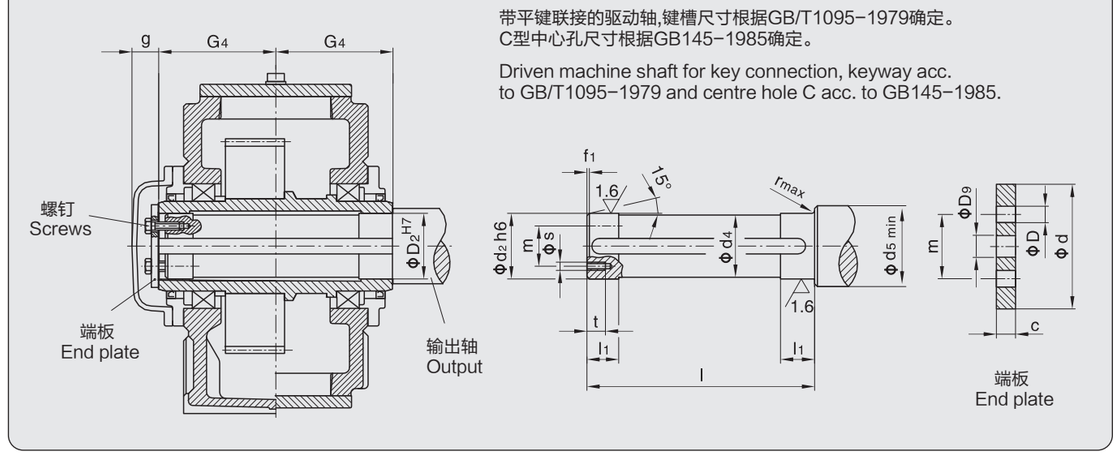
1)工作机驱动轴材质: 40Cr或强度更高的钢。平键不在我们的供货范围之内。如有需要，请另行订货。
Material of driven machine shaft: 40Cr or higher strength. Parallel key does not belong to our scope of supply.
Please order separately, if required.

齿轮箱 Gear units

带平键联接的空心轴 Hollow Shaft For Parallel Key Connections

类型 TYPES EB2H.

规格 SIZES 2...18



类型 EB2H. Types EB2H.

齿轮箱规格 Gear unit size	工作机驱动轴1) Driven machine shaft									端板 End plate					螺钉 Screw		空心轴 Hollow shaft		
	d_2	d_4	d_5	f_1	l	l_1	r	s	t	c	D	D_9	d	m	规格 Size	数量 Qty.	D_2	G_4	g
	mm																mm		
2	55	54.5	63	3	268	30	1.2	M8	15	8	9	18	70	40	M8x20	2	55	135	35
3	65	64.5	73	4	288	30	1.2	M10	18	8	11	18	78	45	M10x25	2	65	145	35
4	80	79.5	88	4	338	35	1.2	M10	18	10	11	22	100	60	M10x25	2	80	170	35
5	95	94.5	105	5	398	40	1.6	M10	18	10	11	26	120	70	M10x25	2	95	200	40
6	105	104.5	116	5	398	45	1.6	M10	18	10	11	26	120	70	M10x25	2	105	200	40
7	115	114.5	126	5	468	50	1.6	M12	20	12	13.5	26	140	80	M12x30	2	115	235	40
8	125	124.5	136	6	468	55	2.5	M12	20	12	13.5	26	150	85	M12x30	2	125	235	40
9	135	134.5	147	6	537	60	2.5	M12	20	12	13.5	33	160	90	M12x30	2	135	270	45
10	150	149.5	162	6	537	65	2.5	M12	20	12	13.5	33	185	110	M12x30	2	150	270	45
11	165	164.5	177	7	637	70	2.5	M16	28	15	17.5	33	195	120	M16x40	2	165	320	45
12	180	179.5	192	7	637	75	2.5	M16	28	15	17.5	33	220	130	M16x40	2	180	320	45
14	210	209.5	226	8	777	85	3	M16	28	18	17.5	33	250	160	M16x40	2	210	390	45
16	240	239.5	258	8	896	100	3	M20	38	25	22	39	280	180	M20x55	4	240	450	60
18	275	274.5	295	9	1016	120	4	M20	38	25	22	39	330	210	M20x55	4	275	510	60

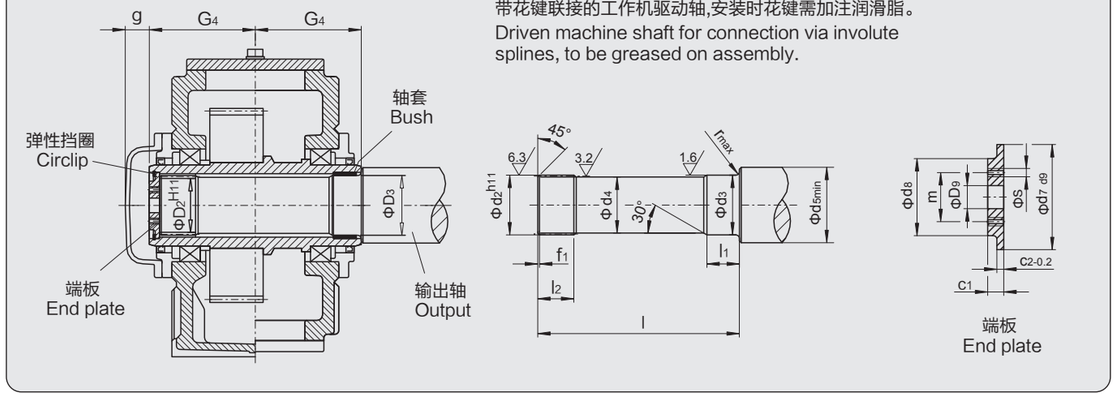
1)工作机驱动轴材质: 40Cr或强度更高的钢。平键不在我们的供货范围之内。如有需要，请另行订货。
Material of driven machine shaft: 40Cr or higher strength. Parallel key does not belong to our scope of supply.
Please order separately, if required.

齿轮箱 Gear units

带花键(DIN5480)联接的空心轴 Hollow Shaft For Spline (DIN5480)

类型 TYPES EH2,EH3,EH4,EB3,EB4

规格 SIZES 5...26



类型 EH2K,EH3K,EH4K,EB3K,EB4K　　Types EH2K,EH3K,EH4K,EB3K,EB4K

规格 size	渐开线花键 Involute splines DIN5480	工作机驱动轴 driven machine shaft									端板 end plate								弹性垫圈 circlip	空心轴 hollow shaft				螺栓 bolt
		d_2	d_3	d_4	d_5	f_1	l	l_1	l_2	r	c_1	c_2	d_7	d_8	D_9	m	s	数量 Qty		D_2	D_3	G_4	g	
5	W95*3*30*30*8f	94.4	100h6	93	114	3	308	53	90	2	20	8	105	80	26	55	M10	2	105*3	89	100	165	40	M24
6	W95*3*30*30*8f	94.4	110h6	93	124	3	308	58	90	3	20	8	105	80	26	55	M10	2	105*3	89	110	165	40	M24
7	W120*3*30*38*8f	119.4	120h6	118	134	3	368	68	105	3	20	8	125	90	26	65	M12	2	125*3	114	120	195	40	M24
8	W120*3*30*38*8f	119.4	130h6	118	145	3	368	73	105	3	20	8	125	90	26	65	M12	2	125*3	114	130	195	40	M24
9	W140*3*30*45*8f	139.4	145m6	138	160	3	444	82	125	4	23	10	150	110	33	80	M12	2	150*3	134	145	235	45	M30
10	W140*3*30*45*8f	139.4	155m6	138	170	3	444	92	125	4	23	10	150	110	33	80	M12	2	150*3	134	155	235	45	M30
11	W170*5*30*32*8f	169	170m6	168	185	5	514	112	150	4	23	10	175	130	33	90	M12	2	175*3	160	170	270	45	M30
12	W170*5*30*32*8f	169	185m6	168	200	5	514	122	150	4	23	10	175	130	33	90	M12	2	175*3	160	185	270	45	M30
13	W190*5*30*36*8f	189	195m6	188	213	5	644	137	180	5	23	10	200	150	33	110	M16	2	200*3	180	195	335	45	M30
14	W190*5*30*36*8f	189	215m6	188	233	5	644	147	180	5	23	10	200	150	33	110	M16	2	200*3	180	215	335	45	M30
15	W220*5*30*42*8f	219	235m6	218	253	5	728	157	200	5	28	14	240	180	39	140	M16	2	240*4	200	235	380	60	M36
16	W220*5*30*42*8f	219	245m6	218	263	5	728	157	200	5	28	14	240	180	39	140	M16	2	240*4	200	245	380	60	M36
17	W250*5*30*48*8f	249	260m6	248	278	5	796	177	215	5	30	14	265	200	39	150	M20	2	265*4	240	260	415	60	M36
18	W250*5*30*48*8f	249	285m6	248	306	5	796	177	215	5	30	14	265	200	39	150	M20	2	265*4	240	285	415	60	M36
19-26	敬请垂询　On request																							

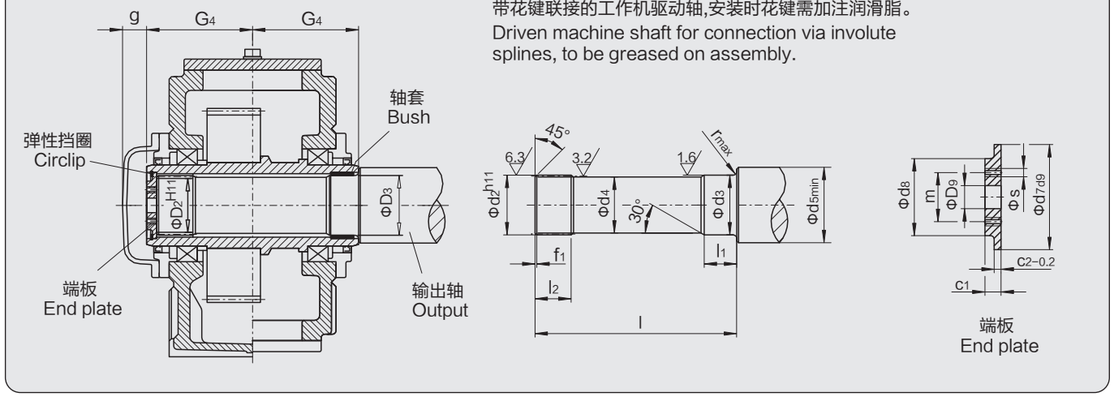
1)工作机驱动轴材质: 40Cr或强度更高的钢。平键不在我们的供货范围之内。如有需要，请另行订货。
Material of driven machine shaft: 40Cr or higher strength. Parallel key does not belong to our scope of supply.
Please order separately, if required.

齿轮箱 Gear units

带花键(DIN5480)联接的空心轴 Hollow Shaft For Spline (DIN5480)

类型 TYPES EB2

规格 SIZES 5...18



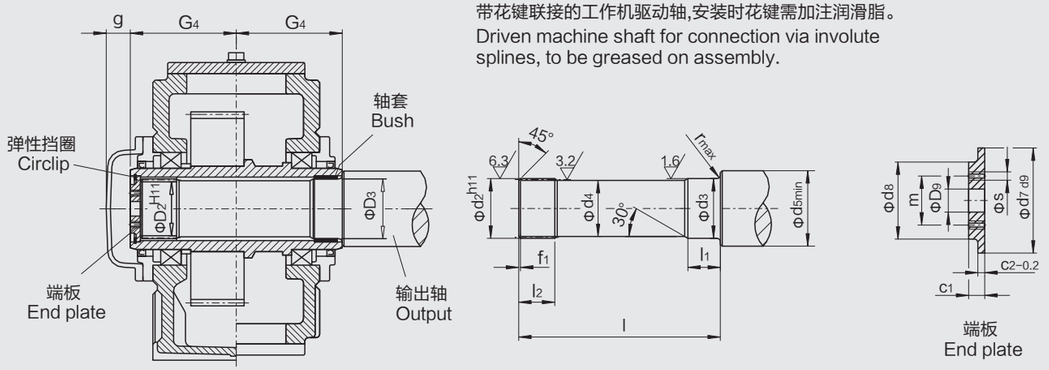
类型 EB2K　　Type EB2K

规格 size	渐开线花键 Involute splines DIN5480	工作机驱动轴 driven machine shaft									端板 end plate								弹性垫圈 circlip	空心轴 hollow shaft				螺栓 bolt
		d_2	d_3	d_4	d_5	f_1	l	l_1	l_2	r	c_1	c_2	d_7	d_8	D_9	m	s	数量 Qty		D_2	D_3	G_4	g	
5	W95*3*30*30*8f	94.4	100h6	93	114	3	378	53	90	2	20	8	105	80	26	55	M10	2	105*3	89	100	200	40	M24
6	W95*3*30*30*8f	94.4	110h6	93	124	3	378	58	90	3	20	8	105	80	26	55	M10	2	105*3	89	110	200	40	M24
7	W120*3*30*38*8f	119.4	120h6	118	134	3	448	68	105	3	20	8	125	90	26	65	M12	2	125*3	114	120	235	40	M24
8	W120*3*30*38*8f	119.4	130h6	118	145	3	448	73	105	3	20	8	125	90	26	65	M12	2	125*3	114	130	235	40	M24
9	W140*3*30*45*8f	139.4	145m6	138	160	3	514	82	125	4	23	10	150	110	33	80	M12	2	150*3	134	145	270	45	M30
10	W140*3*30*45*8f	139.4	155m6	138	170	3	514	92	125	4	23	10	150	110	33	80	M12	2	150*4	134	155	270	45	M30
11	W170*5*30*32*8f	169	170m6	168	185	5	614	112	150	4	23	10	175	130	33	90	M12	2	175*3	160	170	320	45	M30
12	W170*5*30*32*8f	169	185m6	168	200	5	614	122	150	4	23	10	175	130	33	90	M12	2	175*3	160	185	320	45	M30
14	W190*5*30*36*8f	189	215m6	188	233	5	745	147	180	5	23	10	200	150	33	110	M16	2	200*3	180	215	390	45	M30
16	W220*5*30*42*8f	219	245m6	218	263	5	868	157	200	5	28	14	240	180	39	140	M16	2	240*4	210	245	450	60	M36
18	W250*5*30*48*8f	249	285m6	248	306	5	986	177	215	5	30	14	265	200	39	150	M20	2	265*4	240	285	510	60	M36

1)工作机驱动轴材质: 40Cr或强度更高的钢。平键不在我们的供货范围之内。如有需要，请另行订货。
Material of driven machine shaft: 40Cr or higher strength. Parallel key does not belong to our scope of supply.
Please order separately, if required.

齿轮箱 **带花键(GB/T3478.1)联接的空心轴**
Gear units Hollow Shaft For Spline (GB/T3478.1)

类型 TYPES EH2,EH3,EH4,EB3,EB4
规格 SIZES 5...18



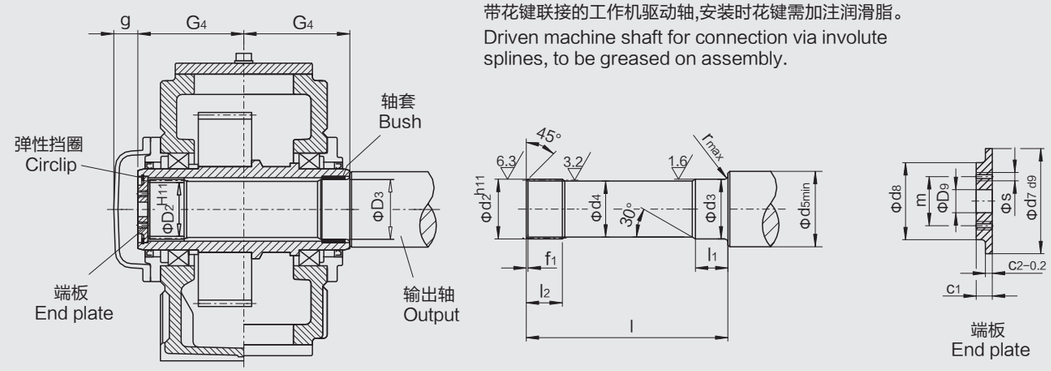
类型 EH2K,EH3K,EH4K,EB3K,EB4K Types EH2K,EH3K,EH4K,EB3K,EB4K

规格 size	渐开线花键 Involute splines GB/T3478.1–1995	工作机驱动轴 driven machine shaft									端板 end plate								弹性垫圈 circlip	空心轴 hollow shaft				螺栓 bolt
		d_2	d_3	d_4	d_5	f_1	l	l_1	l_2	r	c_1	c_2	d_7	d_8	D_9	m	s	数量 Qty		D_2	D_3	G_4	g	
5	30Z*3m*30p*6h	93	100h6	90	114	3	308	53	90	2	20	8	105	80	26	55	M10	2	105*3	87	100	165	40	M24
6	30Z*3m*30p*6h	93	110h6	90	124	3	308	58	90	3	20	8	105	80	26	55	M10	2	115*3	87	110	165	40	M24
7	38Z*3m*30p*6h	117	120h6	114	134	3	368	68	105	3	20	8	125	90	26	65	M12	2	125*3	111	120	195	40	M24
8	38Z*3m*30p*6h	117	130h6	114	145	3	368	73	105	3	20	8	125	90	26	65	M12	2	135*3	111	130	195	40	M24
9	45Z*3m*30p*6h	135	145m6	135	160	3	444	82	125	4	23	10	150	110	33	80	M12	2	150*3	132	145	235	45	M30
10	45Z*3m*30p*6h	165	155m6	135	170	3	444	92	125	4	23	10	150	110	33	80	M12	2	160*3	132	155	235	45	M30
11	32Z*5m*30p*6h	165	170m6	160	185	5	514	112	150	4	23	10	175	130	33	90	M12	2	175*3	155	170	270	45	M30
12	32Z*5m*30p*6h	165	185m6	160	200	5	514	122	150	4	23	10	175	140	33	90	M16	2	190*3	155	185	270	45	M30
13	36Z*5m*30p*6h	185	195m6	180	213	5	644	137	180	5	23	10	200	150	33	110	M16	2	200*3	175	195	335	45	M30
14	36Z*5m*30p*6h	185	215m6	180	233	5	644	147	180	5	28	14	200	150	33	110	M16	2	220*4	175	215	335	45	M30
15	42Z*5m*30p*6h	215	235m6	210	253	5	728	157	200	5	28	14	240	180	39	140	M16	2	240*4	205	235	380	60	M36
16	42Z*5m*30p*6h	215	245m6	210	263	5	728	157	200	5	28	14	240	180	39	140	M20	2	250*4	205	245	380	60	M36
17	48Z*5m*30p*6h	245	260m6	240	278	5	796	177	215	5	30	14	265	200	39	150	M20	2	265*4	235	260	415	60	M36
18	48Z*5m*30p*6h	245	285m6	240	306	5	796	177	215	5	30	14	265	200	39	150	M20	2	290*4	235	285	415	60	M36

1)工作机驱动轴材质: 40Cr或强度更高的钢。平键不在我们的供货范围之内。如有需要，请另行订货。
Material of driven machine shaft: 40Cr or higher strength. Parallel key does not belong to our scope of supply.
Please order separately, if required.

齿轮箱 **带花键(GB/T3478.1)联接的空心轴**
Gear units Hollow Shaft For Spline (GB/T3478.1)

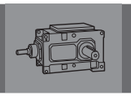
类型 TYPES EB2
规格 SIZES 5...18



类型 EB2K Type EB2K

规格 size	渐开线花键 Involute splines GB/T3478.1–1995	工作机驱动轴 driven machine shaft									端板 end plate								弹性垫圈 circlip	空心轴 hollow shaft				螺栓 bolt
		d_2	d_3	d_4	d_5	f_1	l	l_1	l_2	r	c_1	c_2	d_7	d_8	D_9	m	s	数量 Qty		D_2	D_3	G_4	g	
5	30Z*3m*30p*6h	93	100h6	90	114	3	378	53	90	2	20	8	105	80	26	55	M10	2	105*3	87	100	200	40	M24
6	30Z*3m*30p*6h	93	110h6	90	124	3	378	58	90	3	20	8	105	80	26	55	M10	2	115*3	87	110	200	40	M24
7	38Z*3m*30p*6h	117	120h6	114	134	3	448	68	105	3	20	8	125	90	26	65	M12	2	125*3	111	120	235	40	M24
8	38Z*3m*30p*6h	117	130h6	114	145	3	448	73	105	3	20	8	125	90	26	65	M12	2	135*3	111	130	235	40	M24
9	45Z*3m*30p*6h	135	145m6	135	160	3	514	82	125	4	23	10	150	110	33	80	M12	2	150*3	132	145	270	45	M30
10	45Z*3m*30p*6h	165	155m6	135	170	3	514	92	125	4	23	10	150	110	33	80	M12	2	160*3	132	155	270	45	M30
11	32Z*5m*30p*6h	165	170m6	160	185	3	614	112	150	4	23	10	175	130	33	90	M12	2	175*3	155	170	320	45	M30
12	32Z*5m*30p*6h	165	185m6	160	200	3	614	122	150	4	23	10	175	130	33	90	M16	2	190*3	155	185	320	45	M30
14	36Z*5m*30p*6h	185	215m6	180	233	3	754	147	180	5	28	14	220	170	33	130	M16	2	220*4	175	215	390	45	M30
16	42Z*5m*30p*6h	215	245m6	210	263	3	868	157	200	5	28	14	250	190	39	150	M20	2	250*4	205	245	450	60	M30
18	48Z*5m*30p*6h	245	285m6	240	306	3	986	177	215	5	30	14	290	210	39	160	M20	2	290*4	235	285	510	60	M30

1)工作机驱动轴材质: 40Cr或强度更高的钢。平键不在我们的供货范围之内。如有需要，请另行订货。
Material of driven machine shaft: 40Cr or higher strength. Parallel key does not belong to our scope of supply.
Please order separately, if required.



平行轴齿轮箱 Helical gear units

转动惯量J_1 Mass Moments of Inertia J_1

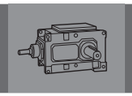
类型 TYPES EH1...,EH2...,EH3...,EH4...

规格 SIZES 1...13

转动惯量J_2(单位kgm²)是指相对于齿轮箱输出轴d_2的转动惯量,可按下式计算:$J_2=i_N^2 \times J_1$。
转动惯量J_1(单位kgm²)是指相对于齿轮箱输入轴d_1的转动惯量,输入轴不带风扇。
如果输入轴d_1上带有风扇,则应加上J_L。

The mass moment of inertia J_2 in kgm² refers to the output shaft d_2 of a gear unit and is calculated with the following formula:$J_2=i_N^2 \times J_1$.
The mass moment of inertia J_1 in kgm² refers to the input shaft d_1 of a gear unit without fan.
For shaft d with fan, J_L has to be added.

转动惯量J_1(单位kgm²)是指相对于齿轮箱输入轴d1的转动惯量 Mass moment of inertia J_1 in kgm² refering to shaft d_1												
i_N	齿轮箱规格 Gear unit sizes											
	1	2	3	4	5	6	7	8	9	10	11	12	13
1.25	0.0048		0.0285		0.1570		0.4228		0.9271				
1.4	0.0042		0.0259		0.1432		0.3849		0.8413				
1.6	0.0037		0.0244		0.1249		0.3345		0.7272		1.7511		3.7389
1.8	0.0033		0.0197		0.1088		0.3045		0.6590		1.5889		3.2189
2.0	0.0030		0.0182		0.0991		0.2769		0.5960		1.4383		2.9044
2.24	0.0028		0.0167		0.0901		0.2390		0.5376		1.2975		2.6113
2.5	0.0023		0.0148		0.0816		0.2159		0.4830		1.1653		2.3370
2.8	0.0021		0.0134		0.0738		0.2010		0.4432		1.0408		2.0794
3.15	0.0015		0.0092		0.0500		0.1402		0.3105		0.8423		1.6719
3.55	0.0013		0.0081		0.0437		0.1225		0.2728		0.7361		1.4732
4.0	0.0012		0.0070		0.0380		0.1058		0.2373		0.6465		1.2855
4.5	0.00087		0.0052		0.0297		0.0861		0.1996		0.4956		0.9652
5.0	0.00074		0.0045		0.0276		0.0748		0.1707		0.4062		0.8932
5.6	0.00065		0.0038		0.0233		0.0640		0.1410		0.3747		0.7557
JL			0.060		0.045		0.100		0.100		0.290		0.290
6.3			0.0055	0.0149	0.0329		0.0907		0.1995		0.5118		1.0873
7.1			0.0046	0.0134	0.0275		0.0746		0.1640		0.4473		0.9480
8.0			0.0041	0.0114	0.0245	0.0393	0.0655	0.1092	0.1438	0.2364	0.3906	0.6361	0.8255
9.0			0.0037	0.0102	0.0218	0.0323	0.0574	0.0884	0.1260	0.1916	0.3178	0.5491	0.7172
10			0.0030	0.0086	0.0182	0.0285	0.0500	0.0767	0.1097	0.1664	0.2760	0.4736	0.6211
11.2			0.0026	0.0076	0.0159	0.0252	0.0441	0.0665	0.0940	0.1443	0.2486	0.3780	0.5540
12.5			0.0020	0.0053	0.0116	0.0207	0.0334	0.0574	0.0712	0.1244	0.1899	0.3241	0.4217
14			0.0017	0.0045	0.0100	0.0179	0.0266	0.0501	0.0604	0.1057	0.1615	0.2895	0.3642
16			0.0014	0.0038	0.0084	0.0133	0.0224	0.0383	0.0508	0.0804	0.1348	0.2226	0.3117
18			0.0012	0.0032	0.0071	0.0113	0.0189	0.0302	0.0416	0.0676	0.1162	0.1872	0.2761
20			0.00099	0.0028	0.0060	0.0094	0.0160	0.0252	0.0382	0.0565	0.0992	0.1549	0.2330
22.4			0.00086	0.0023	0.0050	0.0079	0.0147	0.0211	0.0320	0.0460	0.0833	0.1328	
25						0.0067		0.0178		0.0421		0.1125	
28						0.0056		0.0163		0.0351		0.0938	
JL					0.006	0.010	0.010	0.045	0.045	0.045	0.100	0.100	0.290
22.4													0.2807
25						0.0065		0.0162		0.0391		0.1026		0.2287
28						0.0054		0.0144		0.0325		0.0833		0.1866
31.5						0.0048	0.0069	0.0121	0.0173	0.0289	0.0414	0.0724	0.1105	0.1629
35.5						0.0042	0.0057	0.0107	0.0153	0.0256	0.0342	0.0629	0.0892	0.1421
40						0.0034	0.0050	0.0089	0.0128	0.0215	0.0303	0.0545	0.0773	0.1237
45						0.0030	0.0044	0.0078	0.0113	0.0189	0.0268	0.0481	0.0668	0.1075
50						0.0023	0.0036	0.0057	0.0093	0.0136	0.0223	0.0359	0.0577	0.0762
56						0.0019	0.0031	0.0049	0.0082	0.0117	0.0196	0.0283	0.0507	0.0644
63						0.0016	0.0024	0.0041	0.0060	0.0099	0.0142	0.0238	0.0380	0.0544
71						0.0012	0.0020	0.0032	0.0051	0.0074	0.0121	0.0190	0.0298	0.0420
80						0.0010	0.0017	0.0028	0.0043	0.0062	0.0102	0.0160	0.0250	0.0385
90						0.00087	0.0013	0.0023	0.0034	0.0052	0.0077	0.0145	0.0199	0.0318
100							0.0011		0.0029		0.0065		0.0167	
112							0.00090		0.0024		0.0054		0.0152	
JL						0.006	0.006	0.010	0.010	0.020	0.020	0.045	0.045	0.045
100								0.0033		0.0067		0.0175		0.0396
112								0.0027		0.0055		0.0156		0.0325
125								0.0024	0.0033	0.0049	0.0068	0.0131	0.0179	0.0287
140								0.0020	0.0028	0.0043	0.0056	0.0116	0.0160	0.0253
160								0.0018	0.0025	0.0035	0.0050	0.0097	0.0134	0.0208
180								0.0015	0.0021	0.0030	0.0044	0.0085	0.0119	0.0180
200								0.0012	0.0018	0.0023	0.0035	0.0059	0.0099	0.0134
224								0.00097	0.0016	0.0019	0.0031	0.0051	0.0086	0.0113
250								0.00081	0.0013	0.0016	0.0023	0.0043	0.0061	0.0095
280								0.00065	0.00098	0.0013	0.0020	0.0035	0.0052	0.0079
315								0.00060	0.00082	0.0011	0.0016	0.0030	0.0043	0.0067
355								0.00050	0.00066	0.00096	0.0014	0.0025	0.0036	0.0056
400									0.00060		0.0011		0.0031	
450									0.00050		0.00097		0.0026	



平行轴齿轮箱 Helical gear units

转动惯量J_1 Mass Moments of Inertia J_1

类型 TYPES EH1...,EH2...,EH3...,EH4...

规格 SIZES 14...26

转动惯量J_2(单位kgm²)是指相对于齿轮箱输出轴d_2的转动惯量,可按下式计算:$J_2=i_N^2 \times J_1$。
转动惯量J_1(单位kgm²)是指相对于齿轮箱输入轴d_1的转动惯量,输入轴不带风扇。
如果输入轴d_1上带有风扇,则应加上J_L。

The mass moment of inertia J_2 in kgm² refers to the output shaft d_2 of a gear unit and is calculated with the following formula:$J_2=i_N^2 \times J_1$.
The mass moment of inertia J_1 in kgm₂ refers to the input shaft d_1 of a gear unit without fan.
For shaft d with fan, J_L has to be added.

转动惯量J_1(单位kgm²)是指相对于齿轮箱输入轴d1的转动惯量 Mass moment of inertia J_1 in kgm² refering to shaft d_1														
齿轮箱规格 Gear unit sizes														i_N
14	15	16	17	18	19	20	21	22	23	24	25	26		
														1.25
														1.4
														1.6
														1.8
	6.8655		11.6548		21.8584									2.0
	6.1491		10.3549		18.6492									2.24
	5.5216		9.3831		16.6673									2.5
	4.9573		8.4273		14.7965									2.8
	3.9096		6.7095		11.9834									3.15
	3.4057		5.8542		11.1368									3.55
	2.9306		5.0470		9.5179									4.0
	2.3019		4.0029		7.8709									4.5
	1.9601		3.5545		6.6571									5.0
	1.6568		3.0066		5.5019									5.6
	0.690		0.690		0.690									JL
	2.6799		5.2845		10.5289									6.3
	2.3538	2.8931	4.3679	5.7591	9.2492	11.3721	12.2959							7.1
1.2839	2.0651	2.5287	3.8397	4.7220	8.1117	9.9364	10.7071	13.2150						8.0
1.1082	1.8080	2.2077	3.3666	4.1290	7.0946	8.6683	9.3069	11.4516						9.0
0.9553	1.5782	1.9236	2.9408	3.6012	6.2359	7.5421	8.1419	9.9054	13.82					10
0.8216	1.3718	1.6710	2.5560	3.1293	5.4896	6.5975	7.1415	8.6256	12.15	14.70				11.2
0.7041	1.1198	1.4455	2.0404	2.7059	4.4208	5.7819	5.6707	7.5325	9.45	12.87				12.5
0.6231	0.9578	1.1799	1.7645	2.1567	3.7953	4.6544	4.8559	5.9832	8.09	10.02	15.28			14
0.4721	0.8265	1.0050	1.5114	1.8573	3.2226	3.9795	4.1218	5.1024	6.86	8.54	12.83	16.31		16
0.4044	0.6730	0.8639	1.2153	1.5843	2.5603	3.3655	3.2191	4.3129	5.49	7.20	10.74	13.62		18
0.3434	0.5438	0.7022	1.1227	1.2714	2.2165	2.6665	2.7632	3.3611	4.90	5.75	8.99	11.37		20
0.3032		0.5653		1.1726		2.3021		2.8777		5.12		9.49		22.4
0.2542														25
														28
0.290	0.290	0.290	0.690	0.690	0.690	0.690	0.690	0.690	0.690	0.690	0.690	0.690		JL
	0.7409		0.8137		1.6434		3.7138		5.010		10.05			22.4
	0.6011	0.7603	0.6552	0.8546	1.3216	1.7165	3.0172	3.8090	3.991	5.183	8.05	10.46		25
0.2974	0.5232	0.6156	0.5669	0.6857	1.1429	1.3759	2.6255	3.0886	3.426	4.121	6.43	8.36		28
0.2413	0.4553	0.5351	0.4909	0.5920	0.9874	1.1871	2.2815	2.6841	2.937	3.533	5.53	6.66		31.5
0.1960	0.3689	0.4650	0.3943	0.5113	0.8515	1.0232	1.9780	2.3293	2.511	3.024	4.74	5.72		35.5
0.1705	0.3198	0.3759	0.3398	0.4091	0.7323	0.8803	1.7091	2.0167	2.139	2.581	4.04	4.89		40
0.1483	0.2896	0.3254	0.3064	0.3516	0.6501	0.7552	1.4696	1.7402	1.813	2.195	3.44	4.17		45
0.1287	0.2106	0.2944	0.2241	0.3165	0.4647	0.6692	1.1988	1.4943	1.477	1.858	2.73	3.53		50
0.1114	0.1782	0.2145	0.1886	0.2322	0.3961	0.4786	1.0146	1.2189	1.234	1.514	2.32	2.80		56
0.0793	0.1491	0.1812	0.1569	0.1949	0.3344	0.4073	0.8665	1.0304	1.042	1.263	1.95	2.38		63
0.0669	0.1216	0.1515	0.1289	0.1619	0.2818	0.3431	0.6700	0.8790	0.803	1.065	1.48	2.00		71
0.0564	0.1034	0.1235	0.1093	0.1330	0.2352	0.2893	0.5346	0.6798	0.633	0.821	1.35	1.51		80
0.0435	0.0865	0.1050	0.0911	0.1126	0.1898	0.2410	0.4883	0.5418	0.575	0.646	1.11	1.38		90
0.0398		0.0877		0.0937		0.1943		0.4946		0.587		1.13		100
0.0329														112
0.045	0.100	0.100	0.100	0.100										JL
	0.1080		0.1130		0.2401		0.6098		0.679		1.344			100
	0.0875	0.1089	0.0916	0.1149	0.1936	0.2436	0.5276	0.6147	0.582	0.688	1.158	1.363		112
0.0403	0.0760	0.0881	0.0796	0.0930	0.1681	0.1962	0.4561	0.5316	0.501	0.590	0.995	1.172		125
0.0331	0.0660	0.0766	0.0691	0.0808	0.1457	0.1702	0.3653	0.4594	0.398	0.507	0.854	1.007		140
0.0292	0.0570	0.0664	0.0598	0.0701	0.1254	0.1474	0.3140	0.3677	0.340	0.403	0.730	0.863		160
0.0258	0.0498	0.0573	0.0524	0.0606	0.1065	0.1268	0.2809	0.3158	0.303	0.344	0.644	0.737		180
0.0211	0.0380	0.0501	0.0393	0.0530	0.0811	0.1076	0.2157	0.2825	0.233	0.306	0.488	0.651		200
0.0183	0.0299	0.0382	0.0310	0.0398	0.0681	0.0820	0.1819	0.2170	0.196	0.236	0.417	0.492		224
0.0136	0.0250	0.0301	0.0259	0.0314	0.0569	0.0688	0.1506	0.1829	0.162	0.198	0.353	0.421		250
0.0115	0.0210	0.0251	0.0218	0.0262	0.0463	0.0574	0.1297	0.1514	0.138	0.163	0.311	0.356		280
0.0096	0.0177	0.0211	0.0184	0.0221	0.0424	0.0467	0.1097	0.1299	0.117	0.139	0.261	0.314		315
0.0080	0.0162	0.0177	0.0169	0.0186	0.0363	0.0427	0.0916	0.1103	0.097	0.118	0.212	0.263		355
0.0068		0.0162		0.0170		0.0366		0.0920		0.098		0.213		400
0.0056														450

EH1 EH1 EHP EHB EHA

直交轴齿轮箱
Bevel-helical gear units

转动惯量J_1
Mass Moments of Inertia J_1

类型 TYPES EB2...,EB3...,EB4...

规格 SIZES 1...13

转动惯量J_2(单位kgm²)是指相对于齿轮箱输出轴d_2的转动惯量,可按下式计算:$J_2=i_N^2 \times J_1$。
转动惯量J_1(单位kgm²)是指相对于齿轮箱输入轴d_1的转动惯量,输入轴不带风扇。
如果输入轴d_1上带有风扇,则应加上J_L。

The mass moment of inertia J_2 in kgm² refers to the output shaft d_2 of a gear unit and is calculated with the following formula:$J_2=i_N^2 \times J_1$.
The mass moment of inertia J_1 in kgm² refers to the input shaft d_1 of a gear unit without fan.
For shaft d with fan, JL has to be added.

转动惯量J_1(单位kgm²)是指相对于齿轮箱输入轴d_1的转动惯量 Mass moment of inertia J_1 in kgm² refering to shaft d_1

i_N	齿轮箱规格 Gear unit sizes												
	1	2	3	4	5	6	7	8	9	10	11	12	13
5.0	0.0021	0.0049	0.0314	0.0314	0.0707		0.1988		0.4403		1.2743		2.7700
5.6	0.0019	0.0043	0.0096	0.0262	0.0604		0.1691		0.3744		1.0697		2.3418
6.3	0.0016	0.0035	0.0076	0.0228	0.0495	0.0805	0.1365	0.2276	0.2988	0.4986	0.8428	1.4755	1.8526
7.1	0.0014	0.0033	0.0071	0.0197	0.0420	0.0687	0.1207	0.1931	0.2543	0.4229	0.7257	1.2273	1.6222
8.0	0.0012	0.0027	0.0057	0.0152	0.0321	0.0555	0.0875	0.1542	0.1874	0.3346	0.5250	0.9645	1.1744
9.0	0.0010	0.0023	0.0052	0.0129	0.0295	0.0470	0.0786	0.1352	0.1709	0.2837	0.4753	0.8231	1.0617
10	0.00084	0.0018	0.0039	0.0104	0.0250	0.0363	0.0681	0.0985	0.1456	0.2097	0.4072	0.6005	0.9214
11.2	0.00079	0.0017	0.0037	0.0093	0.0214	0.0327	0.0590	0.0879	0.1241	0.1897	0.3493	0.5392	0.7959
12.5	0.00054	0.0012	0.0028			0.0274		0.0752		0.1599		0.4557	
14	0.00043	0.0098	0.0023			0.0235		0.0650		0.1363		0.3909	
16	0.00040	0.0082	0.0019										
18	0.00031	0.0063	0.0015										
JL	0.005	0.006	0.010	0.020		0.045	0.100	0.100	0.100	0.100	0.290	0.290	0.690
12.5				0.0073	0.0159		0.0445		0.0995		0.2740		0.6152
14				0.0071	0.0156		0.0436		0.0967		0.2671		0.6026
16				0.0060	0.0136	0.0174	0.0368	0.0487	0.0842	0.1084	0.2344	0.3029	0.5141
18				0.0059	0.0133	0.0168	0.0363	0.0474	0.0825	0.1040	0.2300	0.2925	0.5068
20			0.0023	0.0055	0.0124	0.0145	0.0339	0.0393	0.0770	0.0897	0.2146	0.2527	0.4742
22.4			0.0021	0.0047	0.0105	0.0141	0.0282	0.0385	0.0657	0.0870	0.1822	0.2461	0.4026
25			0.0017	0.0039	0.0083	0.0130	0.0243	0.0356	0.0534	0.0805	0.1462	0.2270	0.3196
28			0.0015	0.0036	0.0077	0.0111	0.0209	0.0296	0.0452	0.0687	0.1286	0.1926	0.2714
31.5			0.0013	0.0029	0.0062	0.0087	0.0162	0.0253	0.0348	0.0555	0.0936	0.1539	0.2004
35.5			0.0011	0.0024	0.0055	0.0080	0.0137	0.0218	0.0315	0.0470	0.0837	0.1349	0.1819
40			0.0089	0.0019	0.0041	0.0065	0.0110	0.0169	0.0265	0.0363	0.0720	0.0983	0.1539
45			0.0083	0.0018	0.0039	0.0057	0.0098	0.0142	0.0227	0.0326	0.0626	0.0877	0.1312
50			0.0057	0.0013	0.0030	0.0043	0.0081	0.0114	0.0178	0.0274	0.0469	0.0751	0.1028
56			0.0046	0.0011	0.0025	0.0040	0.0068	0.0102	0.0146	0.0235	0.0384	0.0649	0.0853
63			0.00042	0.0087	0.0021	0.0031	0.0059	0.0084	0.0124	0.0184	0.0326	0.0489	0.0725
71			0.00033	0.0067	0.0016	0.0026	0.0047	0.0070	0.0100	0.0150	0.0262	0.0400	0.0585
80						0.0021		0.0061		0.0128		0.0339	
90						0.0016		0.0048		0.0102		0.0272	
JL			0.005	0.006	0.010	0.010	0.020	0.020	0.045	0.045	0.100	0.100	0.290
80					0.0024		0.0057		0.0129		0.0350		0.0795
90					0.0021		0.0049		0.0110		0.0291		0.0678
100					0.0018	0.0024	0.0040	0.0058	0.0089	0.0131	0.0250	0.0358	0.0549
112					0.0016	0.0022	0.0037	0.0049	0.0079	0.0111	0.0215	0.0297	0.0465
125					0.0013	0.0018	0.0030	0.0040	0.0064	0.0087	0.0167	0.0254	0.0359
140					0.0011	0.0016	0.0025	0.0038	0.0057	0.0081	0.0141	0.0219	0.0323
160					0.00091	0.0013	0.0020	0.0031	0.0043	0.0065	0.0113	0.0170	0.0271
180					0.00085	0.0011	0.0018	0.0025	0.0040	0.0058	0.0101	0.0143	0.0233
200					0.00058	0.00092	0.0013	0.0020	0.0031	0.0043	0.0083	0.0114	0.0182
224					0.00047	0.00086	0.0011	0.0018	0.0025	0.0041	0.0070	0.0102	0.0149
250					0.00043	0.00059	0.00089	0.0014	0.0021	0.0031	0.0060	0.0084	0.0127
280					0.00033	0.00047	0.00069	0.0011	0.0016	0.0026	0.0048	0.0071	0.0102
315					0.00028	0.00043	0.00058	0.00091	0.0014	0.0021	0.0040	0.0061	0.0081
355						0.00034		0.00069		0.0016		0.0048	
400						0.00028		0.00059		0.0014		0.0041	

EB2 EB3 EB4

直交轴齿轮箱
Bevel-helical gear units

转动惯量J_1
Mass Moments of Inertia J_1

类型 TYPES EB2...,EB3...,EB4...

规格 SIZES 14...26

转动惯量J_2(单位kgm²)是指相对于齿轮箱输出轴d_2的转动惯量,可按下式计算:$J_2=i_N^2 \times J_1$。
转动惯量J_1(单位kgm²)是指相对于齿轮箱输入轴d_1的转动惯量,输入轴不带风扇。
如果输入轴d_1上带有风扇,则应加上J_L。

The mass moment of inertia J_2 in kgm² refers to the output shaft d_2 of a gear unit and is calculated with the following formula:$J_2=i_N^2 \times J_1$.
The mass moment of inertia J_1 in kgm² refers to the input shaft d_1 of a gear unit without fan.
For shaft d with fan, J_L has to be added.

转动惯量J_1(单位kgm²)是指相对于齿轮箱输入轴d_1的转动惯量 Mass moment of inertia J_1 in kgm² refering to shaft d_1

齿轮箱规格 Gear unit sizes													i_N
14	15	16	17	18	19	20	21	22	23	24	25	26	
	6.1753												5.0
	5.3415	6.6007	10.3549										5.6
2.5972	4.4466	5.6746	8.5744										6.3
3.0962	3.7296	4.7073	7.1324	9.0369									7.1
2.0500	2.7508	3.9356	5.0109	7.4979									8.0
1.7802	2.5048	2.9105	4.5186	5.2942									9.0
1.2968	2.1468	2.6398	3.8518	4.7581									10
1.1653	1.7964	2.2495	3.3164	4.0340									11.2
1.0001		1.8843		3.4725									12.5
0.8634													14
													16
													18
0.690	0.690	0.690	0.690	0.690									JI
	1.6952		3.4843		7.8896		8.3877						12.5
	1.6558	1.7505	3.4451	0.5988	7.7305	8.0659	8.2186	8.6052					14
0.6638	1.4797	1.7023	3.0661	3.5397	6.9989	7.8400	7.4408	8.3643					16
0.6456	1.4545	1.5152	3.0418	3.1370	6.8398	6.9560	7.2717	7.4142					18
0.5424	1.3716	1.4843	2.8806	3.1004	6.3626	6.8399	6.7643	7.2972	12.93				20
0.5318	1.1459	1.3952	2.4284	2.9267	5.4882	6.4527	5.8027	6.8842	10.90	13.15	13.51		22.4
0.4938	0.9016	1.1644	1.9196	2.4645	4.5614	5.5587	4.8075	5.8965	8.99	11.07	11.03		25
0.4189	0.7728	0.9159	1.6758	1.9474	3.8203	4.6166	4.0148	4.8809	7.45	9.12	9.06	11.34	28
0.3317	0.5615	0.7842	1.2159	1.6981	2.8212	3.8639	2.9719	4.0729	5.24	7.55	6.49	9.30	31.5
0.2812	0.5062	0.5703	1.0968	1.2332	2.5642	2.8550	2.6917	3.0169	4.70	5.32	5.76	6.68	35.5
0.2079	0.4306	0.5137	0.9481	1.1114	2.1920	2.5928	2.2890	2.7297	3.98	4.77	4.78	5.92	40
0.1882	0.3694	0.4363	0.8188	0.9592	1.8351	2.2138	1.9182	2.3180	3.42	4.03	4.11	4.90	45
0.1587	0.2765	0.3743	0.5713	0.8283	1.4000	1.8537	1.4641	1.9429	2.58	3.46	3.11	4.21	50
0.1353	0.2284	0.2802	0.4692	0.5787	1.1439	1.4144	1.1946	1.4832	2.16	2.61	2.58	3.19	56
0.1060	0.1956	0.2314	0.4054	0.4750	1.0429	1.1553	1.0845	1.2097	1.98	2.19	2.33	2.65	63
0.0878	0.1587	0.1981	0.3333	0.4101	0.8730	1.0522	0.9051	1.0970	1.62	2.01	1.89	2.38	71
0.0745		0.1605		0.3369		0.8802		0.9147		1.64		1.93	80
0.0601													90
0.290	0.290	0.290	0.690	0.690	0.690	0.690	0.690	0.690	0.690	0.690	0.690	0.690	JI
	0.2219		0.2276		0.4955		1.4120		1.519		3.158		80
	0.1883	0.2234	0.1931	0.2307	0.4203	0.5009	1.1776	1.4199	1.261	1.533	2.645	3.188	90
0.0807	0.1507	0.1896	0.1542	0.1956	0.3327	0.4248	0.9261	1.1838	0.991	1.272	2.087	2.669	100
0.0688	0.1323	0.1516	0.1352	0.1561	0.2821	0.3360	0.7924	0.9309	0.844	0.999	1.810	2.106	112
0.0556	0.0964	0.1330	0.0985	0.1367	0.2085	0.2848	0.5767	0.7962	0.617	0.851	1.320	1.825	125
0.0471	0.0861	0.0969	0.0879	0.0997	0.1887	0.2106	0.5190	0.5796	0.553	0.622	1.185	1.331	140
0.0364	0.0738	0.0866	0.0752	0.0889	0.1591	0.1905	0.4404	0.5215	0.466	0.557	1.015	1.194	160
0.0327	0.0638	0.0742	0.0650	0.0760	0.1357	0.1605	0.3778	0.4423	0.400	0.470	0.876	1.022	180
0.0274	0.0481	0.0641	0.0490	0.0657	0.1063	0.1368	0.2829	0.3794	0.300	0.403	0.598	0.882	200
0.0235	0.0393	0.0483	0.0400	0.0495	0.0880	0.1071	0.2335	0.2842	0.247	0.302	0.504	0.620	224
0.0184	0.0333	0.0395	0.0339	0.0404	0.0747	0.0887	0.1998	0.2345	0.211	0.249	0.438	0.508	250
0.0151	0.0267	0.0335	0.0272	0.0343	0.0603	0.0753	0.1619	0.2007	0.170	0.212	0.355	0.441	280
0.0128	0.0217	0.0269	0.0221	0.0275	0.0493	0.0607	0.1289	0.1625	0.136	0.172	0.286	0.358	315
0.0103		0.0218		0.0223		0.0497		0.1294		0.137		0.288	355
0.0082													400

EB2 EB3 EB4

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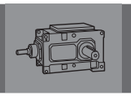


齿轮箱 润滑油供给方式可选方案 立式安装
Gear units Oil Supply for Vertical

类型 TYPES EH2...EH4...,EB2...EB4...
规格 SIZES 4...18

各种润滑油供给方式 Oil supply variants
立式安装齿轮箱所用的各种润滑油供给方式列于表1。
Oil supply variants for vertical gear untis can be derived from table 1。

表1 Table 1

类型1) Types	规格Size	浸油润滑 Dip lubrication	法兰泵强制润滑 Forced lubrication, flanged on pump	电动泵强制润滑 Forced lubrication, motor pump
EH2.V	4 5...12 13...18	X X –	– X X	– – –
EH3.V	5...12 13...18	X –	X X	X X
EH4.V	7...12 13...18	X –	X –	X X
EB2.V	4 5...12 13...18	X X –	– X X	– X X
EB3.V	4 5...12 13...18	X X –	– X X	– X X
EB4.V	5...12 13...18	X –	X –	X X

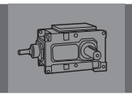
X=可供货 X=Possible variants

推荐供油方式 Preferred order:
规格6号(含)以下各型: 浸油润滑; 规格7号以上各型: 强制润滑
up to size 6: dip lubrication: from size 7 up: forced lubrication

对各种润滑油供给方式的说明
Notes on the individual oil supply variants

浸油润滑 Dip lubrication:
当采用浸油润滑时,所有需要润滑的零件均需浸在润滑油液中。
附带的补偿油箱用于储藏涨溢的油液。
in case of dip lubrication, all parts to be lubricated are lying in the oil.
an oil compensating tank has been fitted for oil ex-pansion.

强制润滑 Forced lubrication:
当采用强制润滑时,所有未浸在润滑油液中的零部件均通过一个法兰联接泵或单独的电动油泵进行飞溅润滑。
选择依据参见336-337页。
in case of fored lubrication, all parts which are not lying in oil are splash lubricated by means of a flanged-on pump or by a separate motor pump. criteria for selection, see page 336-337



齿轮箱 法兰泵强制润滑 立式安装
Gear units Forced Lubrication for flanged on pump Vertical

类型 TYPES EH2,EH3,EH4,EB2,EB3,EB4
规格 SIZES 5...14

表4Table4

40℃以下的ISO-VG粘度 mm2 / s (cst) Viscosity ISO-VG at 40℃ in mm2 / s (cst)	强制润滑允许极限温度,℃ Permissible temperature limit in℃ for forced feed lubrication			
	矿物油Mineraloil		合成油Syntheticoil	
	最低min	最高max	最低min	最高max
VG220	10	80	0	90
VG320	15	90	5	100
VG460	20	95	10	105

强制润滑:
当采用强制润滑时,工作粘度不得超过1800cst。最低工作粘度不得小于25cst。当油温低于表4所列的数值时,
必须提供浸油润滑方式,或者对润滑油进行加热。

Forced lubrication:
In case of forced lubrication,the operating Viscosity 1800cst must not be exceeded during starting.
Aminimum operating viscosity of 25cst must been sured. If the temperatures are below the values as listed in table4, dip Lubrication has to be provided or the oil must Beheated.

表5 Table 5

立式安装齿轮箱采用法兰泵
Assignment of flanged-on pumps to gear units

类型 Types	规格 Size	法兰泵规格 Flanged-on pump size	类型 Types	规格 Size	法兰泵规格 Flanged-on pump size
EH2.V	5-8	SNBY5/1.6	EH2.V	5-8	SNBY5/1.6
	9-14	SNBY16/1.6		9-14	SNBY16/1.6
EH3.V	5-8	SNBY5/1.6	EH3.V	5-9	SNBY5/1.6
	9-14	SNBY16/1.6		10-14	SNBY16/1.6
EH4.V	7-8	SNBY5/1.6	EH4.V	5-8	SNBY5/1.6
	9-12	SNBY16/1.6		9-11	SNBY16/1.6

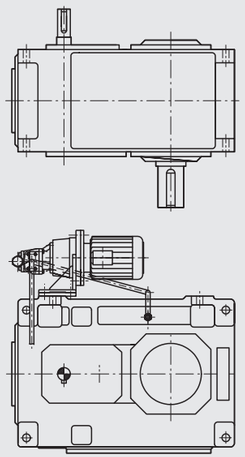
1)布置形式A,B,C,D,E,F
DesignA,B,C,D,E,F

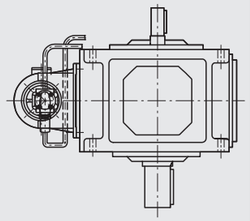
齿轮箱 Gear units　电机泵强制润滑 Forced Lubrication for motor pump　立式安装 Vertical

类型 TYPES EH2,EH3,EH4,EB2,EB3,EB4

规格 SIZES 5...14

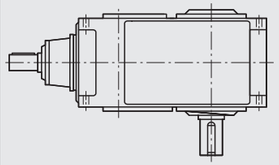
EH2.V, EH3.V, EH4.V

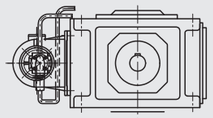




电机泵具体尺寸请垂询
On request for dimensions in motor pumps

EB2.V, EB3.V, EB4.V





电机泵具体尺寸请垂询
On request for dimensions in motor pumps

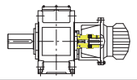
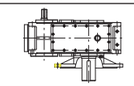
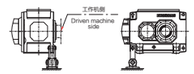
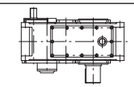
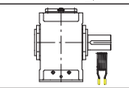
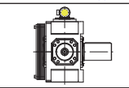
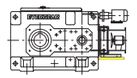
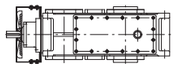
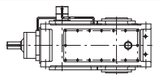
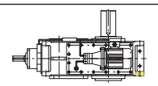
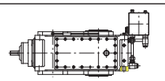
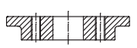
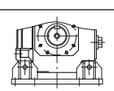
表6 Table 6

立式安装齿轮箱采用电动泵
Assignment of motor pumps to gear units

类型 Types	规格 Size	法兰泵规格 Flanged-on pump size	类型 Types	规格 Size	法兰泵规格 Flanged-on pump size
EH2.V	5－8	CB-B6JZ0.37kw	EB2.V	5－8	CB-B6JZ0.37kw
	9－14	CB-B16JZ0.75kw		9－14	CB-B16JZ0.75kw
EH3.V	5－8	CB-B6JZ0.37kw	EB3.V	5－9	CB-B6JZ0.37kw
	9－14	CB-B16JZ0.75kw		10－14	CB-B16JZ0.75kw
EH4.V	7－8	CB-B6JZ0.37kw	EB4.V	5－8	CB-B6JZ0.37kw
	9－12	CB-B16JZ0.75kw		9－11	CB-B16JZ0.75kw

1)布置形式A,B,C,D,E,F
DesignA,B,C,D,E,F

附件 Add-on piece

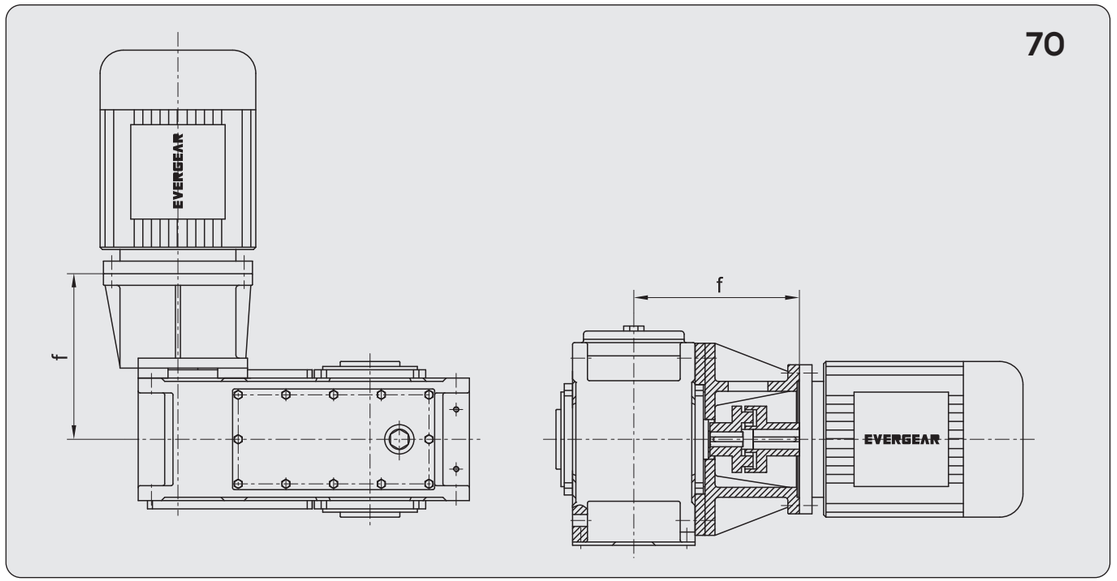
代号 code	附件 Add-on piece	页码 Page	示例 Representation
70	电机钟形支座 Moter bell housing	见339-340页 See page 338-339	
74	安装法兰 Mounting flange	见341页 See page 341	
75	扭力支撑臂 Mounting flange	见342页 See page 342	
78	逆止器 Back stop	—·—·—	
79	内置冷却盘管 The built -in cooling coil	—·—·—	
80	外置水冷式油冷却器 External water-cooled oil cooler	—·—·—	
81	外置风冷式油冷却器 External air-cooled oil cooler	—·—·—	
84	冷却风扇 cooling fan	见261-289页 See page 261-289	
85	机械油泵强制润滑 forced lubrication of mechanical oil pump	—·—·—	
86	油泵电机组强制润滑 forced lubrication of oil pump motor set	见337页 See page 337	
87	补偿油箱浸油润滑 Dip lubrication of oil compensating tank	见297-317页 See page 297-317	
88	输出端板 Output end plate	见323-330页 See page 323-330	
89	PT00温度传感器 PT100 temperature sensor	—·—·—	
90	输出防护罩 Output guard	—·—·—	
96	竖直安装底座 Vertical mounting base	见343页 See page 343	

EH/EB

齿轮箱 Gear units

电机法兰 Flange to motor

类型 TYPES EH2...,EH3...,EH4...



EH2..					
电机功率 Motor Power	规格 Size				
	4	5/6	7/8	9	10
	f				mm
11–15kW	403				
18.5–22kW	403	428			
30kW	405	430	490		
37–45kW	442	467	527	567	572
55kW		467	527	567	572
75–90kW			527	567	572

EH4..						
电机功率 Motor Power	规格 Size					
	7/8	9		10		11/12
	f					mm
		传动比 i_N Ratio i_N				
		≥200	≤180	≥200	≤180	
2.2–4kW	318					
5.5–7.5kW	341	379		384		
11–15kW	383	421	430	426	435	493
18.5–22kW		421	430	426	435	493
30kW			432		437	495
37–45kW			469		474	532
55kW						532

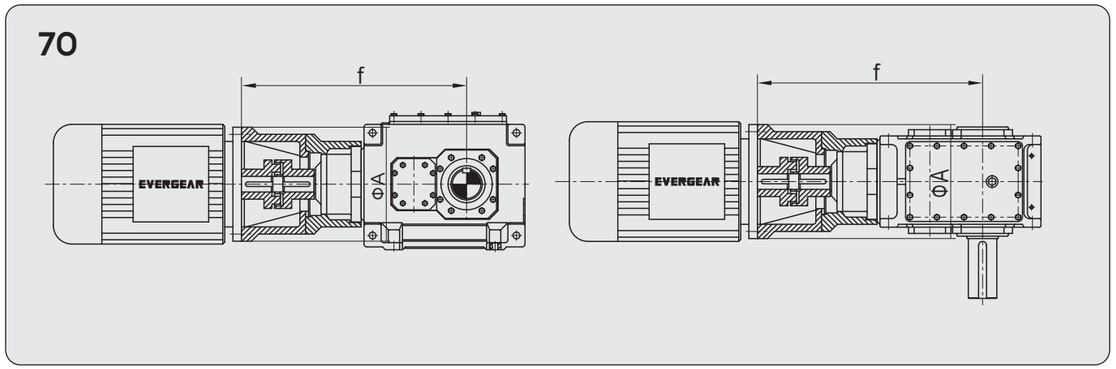
EH3..										
电机功率 Motor Power	规格 Size									
	5/6		7/8		9		10		11/12	
	f									mm
	传动比 i_N Ratio i_N									
	≥50	≤45	≥50	≤45	=50–63 ≥71	≤45	≥63	≤56	≥71	=50–63	≤45
11–15kW	316		388		463	508	468	513			
18.5–22kW	357	376	388	413	463	508	468	513			
30kW	357	376	390	415	465	510	470	515			
37–45kW	359	378	427	452	502	547	507	552	507	532	577
55kW		415	427	452	502	547	507	552	507	532	577
75–90kW		415			502	547	507	552	507	532	577

注:此表数据系电机为4级时. 标准电机的安装尺寸参见第437页。
Note: Data in the above table calculated based on 4 pole motor. Fitting dimensions for standard motors see page 437

齿轮箱 Gear units

电机法兰 Flange to motor

类型 TYPES EB2...,EB3...,EB4...



EB2..								
电机功率 Motor Power	规格 Size							
	4		5		6	7		8
	f	A	f	A	f	f	A	f
	mm							
11–15kW	708	350						
18.5–22kW	708	350						
30kW	710	410	790	400	825			
37–45kW			827	450	862	957	450	1002
55kW						957	550	1002
75–90kW						957	550	1002

EB3..														
电机功率 Motor Power	规格 Size													
	4		5		6	7		8	9		10		11	12
	f	A	f	A	f	f	A	f	f	A	f	f	A	f
	mm													
2.2–4kW	648	250												
5.5–7.5kW	671	300	756	350	791									
11–15kW	713	350	788	350	823	933	400	978						
18.5–22kW	713	350	788	350	823	933	400	978	1053	420	1103			
30kW	715	400	780	400	825	935	400	980	1055	420	1105	1240	400	1310
37–45kW			827	450	862	972	450	1017	1092	450	1142	1277	450	1347
55kW						972	550	1017	1092	550	1142	1277	550	1347
75–90kW						972	550	1017	1092	550	1142	1277	550	1347

EB4..																								
电机功率 Motor Power	规格Size																							
	5		6		7		8		9		10		11		12		13		14		15		16		17		18	
	f	A	f	f	A	f	f	A	f	f	A	f	f	A	f	f	A	f	f	A	f	f	A	f	f	A	f	
	mm																											
2.2–4kW	753	250	788	873	250	918		350																				
5.5–7.5kW	776	300	811	896	300	941	1021	350	1071																			
11–15kW	818	350	853	938	350	983	1053	350	1103	1253	400	1323																
18.5–22kW	818	350	853	938	350	983	1053	400	1103	1253	400	1362	1423	420	1493													
30kW				940	400	985	1055	450	1105	1255	400	1362	1423	420	1493	1682	400	1728	1730	400	1790							
37–45kW							1092		1142	1292	450	1362	1462	450	1532	1719	450	1765	1767	450	1827							
55kW										1292	550	1325	1462	550	1532	1719	550	1765	1767	550	1827							
75–90kW										1292	550	1323	1462	550	1532	1719	550	1765	1767	550	1827							

注:此表数据系电机为4级时. 标准电机的安装尺寸参见第437页。
Note: Data in the above table calculated based on 4 pole motor. Fitting dimensions for standard motors see page 437.

齿轮箱 Gear units　安装法兰 Mounting flange

类型 TYPES EH2,EH3,EH4,EB3,EB4

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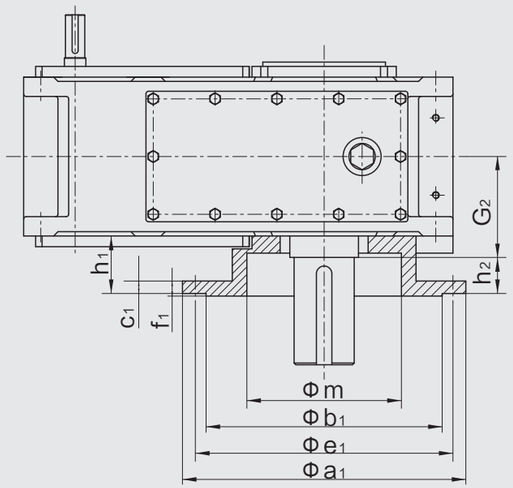
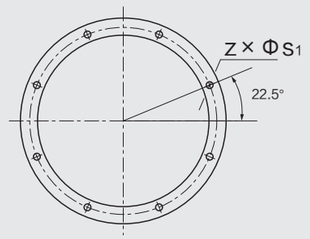
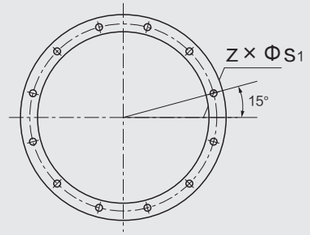




规格/Size 4−8



规格/Size 9−12

规格 Size	a1	b1	c1	e1	f1	h1	h2	mmax	z×s1	附加重量 Add.weight	G2	
	mm									kg	EH2/3/4 EB3/4	EB2
4	450	350f7	24.5	400	5	82.5	50	153	8*17.5	40	140	170
5	550	450f7	25	500	5	90	52.5	190	8*17.5	60	165	200
6	550	450f7	25	500	5	90	52.5	245	8*17.5	65	165	200
7	660	550f7	25	600	5	135	90	250	8*22	90	195	235
8	660	550f7	30	600	5	135	90	255	8*22	100	195	235
9	660	550f7	29	600	6	134	84	290	12*22	150	235	270
10	660	550f7	34	600	6	134	89	320	12*26	160	235	270
11	800	680f7	44	740	6	184	129	340	12*26	210	270	320
12	800	680f7	44	740	6	184	129	360	12*26	220	270	320

可采用的类型、规格和布置形式
Possible types, size, designs

规格 Size	EH2.H	EH2.V	EH3.H,EH4.H EB2.H,EB3.H,EB4.H	EH3.V,EH4.V EB2.V,EB3.V,EB4.V
4	A+B	B	A+B+C+D	B+C
5				
6				
7				
8				
9				
10	A+B+C+D	B+C		
11	A+B	B		
12	A+B+C+D	B+C		

齿轮箱 Gear units　减振扭力臂支撑 Vibration reducing torque supports

类型 TYPES EH2,EH3,EH4,EH2,EH3,EH4

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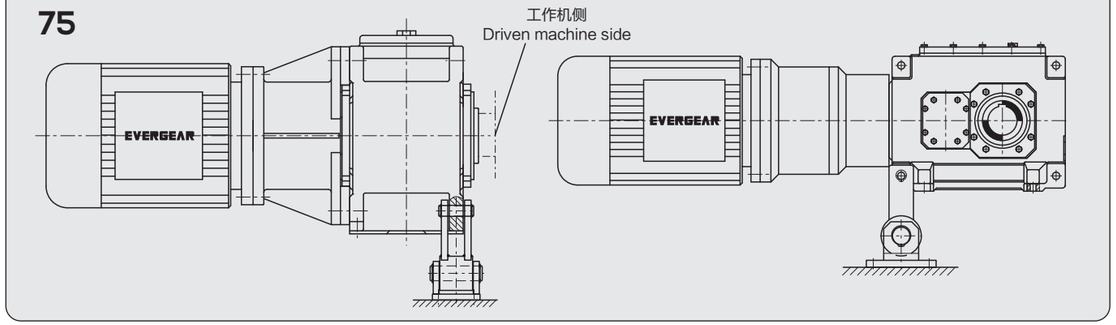
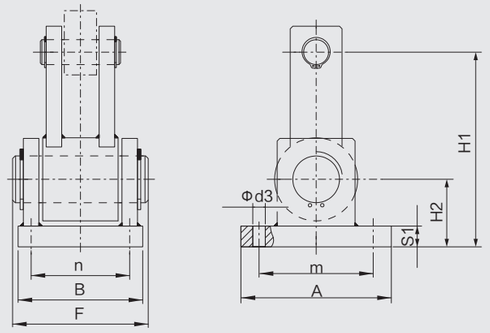


最大传递扭矩受扭力臂支撑的限制: Tmax=f_{DMST} * T_{2Nenn}
The maximum transmissible torque is limited by the torque support: Tmax=f_{DMST} * T_{2Nenn}

表1 Table 1

类型 Type	扭力臂支撑的峰值扭矩系数f_{DMST} Peak torque factor f_{DMST} for torque support 齿轮箱规格 Gear unit size															
	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19−26
EH2.	1.3	1.9	1.6	2.0	1.7	1.5	1.3	2.0	2.0	–	–	–	–	–	–	敬请垂询 On request
EH3.	–	2.0	1.7	2.0	2.0	1.6	1.4	2.0	2.0	2.0	1.9	1.5	1.4	1.2	1.2	
EH4.	–	–	–	2.0	2.0	1.7	1.4	2.0	2.0	2.0	2.0	1.7	1.5	1.3	1.2	
EB2.	1.2	1.2	1.2	1.3	1.2	1.2	1.2	1.9	1.8	1.4	1.3	–	–	–	–	
EB3.	1.2	1.6	1.4	1.8	1.6	1.2	1.2	2.0	2.0	1.8	1.7	1.4	1.3	1.2	1.2	
EB4.	–	2.0	1.7	2.0	2.0	1.7	1.4	1.2	1.2	2.0	2.0	1.6	1.5	1.3	1.2	

注:此表1数据系最小值,旋转方向和电机类型确定后有可能允许更大的峰值扭矩。请垂询!
Note: The values in the table 1 are minimum values. Dependent on direction of rotation and motortype, higher peak torques may possibly be allowed. Please consult us!



- 在工作机侧的扭力臂支撑。(布置形式C,D,G,H,I的平行轴齿轮箱请务必垂询)
- 不带电机安装法兰的齿轮箱只能带不承受剪力的弹性联轴器。
- 与风扇组合的扭力臂支撑请务必垂询。

- Torque support on driven machine side.(Helical gear unit in C, D, G, H, I design on request only.)
- For gear units without motor bell housing only coupings not transmitting shear forces are allowed.
- Torque support in combination with fan on request only.

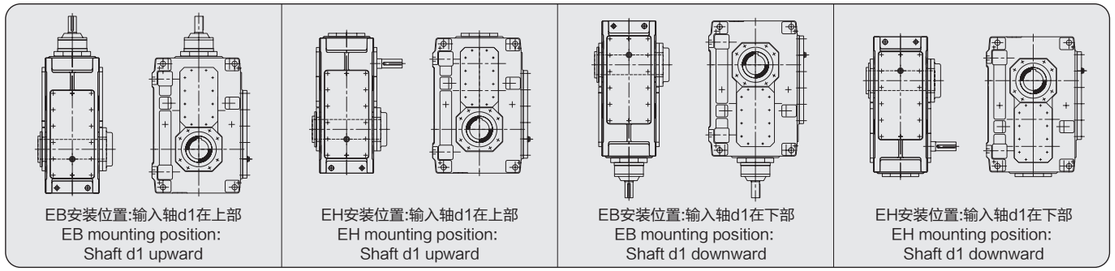
表2 Table 2

齿轮箱规格 Gear unit size	A	B	Φd3	H1	H2	m	n	S1	F	重量 Weight
	mm									kg
4	160	110	19	200	65	120	70	15	116	6.8
5+6	200	160	19	250	90	160	120	20	170	16
7+8	320	200	19	400	140	260	130	25	195	37
9+10										42
11+12	400	300	24	500	175	320	240	30	320	155
13+14										159
15+16										163
17+18										167
19−26	敬请垂询 On request									

齿轮箱 Gear units

竖直安装底座 Vertical mounting

类型 TYPES EH2,EH3,EH4,EB2,EB3,EB4



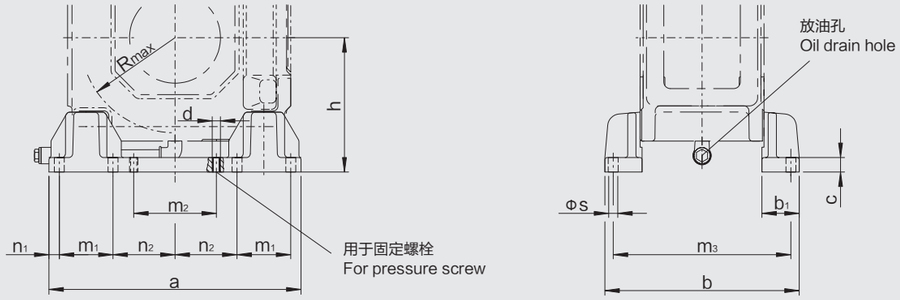
EB安装位置:输入轴d1在上部
EB mounting position:
Shaft d1 upward

EH安装位置:输入轴d1在上部
EH mounting position:
Shaft d1 upward

EB安装位置:输入轴d1在下部
EB mounting position:
Shaft d1 downward

EH安装位置:输入轴d1在下部
EH mounting position:
Shaft d1 downward

对于上图所示的特殊安装位置可以采用带扭力臂支撑的轴装式或脚支座来安装。
They can be installed, for example, as shaft-mounted gear unit with torque support or by means of base rails are also available for the special mounting positions illustrated under.



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规格 Size	EH2,EH3,EH4,EB2,EB3,EB4											EH2,EH3,EH4 EB3,EB4		EB2	
	a	b_1	c	4*d	h	m1	m2	n1	n_2	8*Φs	R_{max}	b	m3	b	m3
4	450	70	28	M16	255	110	130	20	95	19	160	355	315	410	370
5	510	70	28	M16	270	110	170	20	125	19	190	395	355	460	420
6					315						220				
7	610	85	35	M20	325	130	200	25	150	24	230	470	420	550	500
8					385						270				
9	710	105	40	M24	380	160	230	30	165	28	260	580	520	650	590
10					430						300	590	530		
11	860	115	50	M30	435	190	270	35	205	35	340	660	590	760	690
12					520						380				
13	965	97.5	60	M30	430	260	230	37.5	185	35	300	745	665	850	770
14					500						360				
15	1060	107.5	70	M36	505	300	190	45	185	42	350	840	750	980	890
16					550						400				
17	1210	120	80	M42	550	340	250	55	210	48	390	930	820	1125	1015
18					610						440				

规格Size	EH2	EH3	EH4	EB2	EB3	EB4
4–12	浸油润滑 Dip lubrication	带补偿油箱 的浸油润滑 Dip lubrication with oil compensating tank	带补偿油箱 的浸油润滑 Dip lubrication with oil compensating tank	带法兰泵 的强制润滑 Forced lubrication with flanged-on pump	带法兰泵 的强制润滑 Forced lubrication with flanged-on pump	带法兰泵 的强制润滑 Forced lubrication with flanged-on pump
13–18	带法兰泵 的强制润滑 Forced lubrication with flanged-on pump	带法兰泵 的强制润滑 Forced lubrication with flanged-on pump	带电机泵 的强制润滑 Forced lubrication with motor pump	带法兰泵 的强制润滑 Forced lubrication with flanged-on pump	带法兰泵 的强制润滑 Forced lubrication with flanged-on pump	带电机泵 的强制润滑 Forced lubrication with motor pump

请注意提供供油设备(油泵,油管等...)的安装空间!
Take into account space required for oil supply elements (pump, pipes, etc.)

具体尺寸请垂询。
Dimensions on request.

① 主齿轮箱型号说明 Explanation of main gear unit type

例 Example: EB3SH18-63-D-CW/EKF127-Y37-24.91

EB 3 S H 18 - 63 - D - CW

系列类型
传动级数
输出轴结构形式
安装方式
规格代号
公称传动比
轴(轴布置形式)
输入轴旋转方向

EB 3 S H 18 - 63 - D - CW

Type
number of stages
output shaft design
mounting position
size
nominal ratio
design of shaft
rotate direction of input shaft

型号说明	上例说明	Explanation of types	Explanation of the above example
系列类型:EB 直交轴系列	直交轴系列	Types:EB Bevel-helical	Bevel-helical
传动级数: 3 三级	三级	Numben of stages: 3 3-stage	3-stage
输出轴结构形式: S 实心轴 H 空心轴 D 带胀紧盘空心轴	实心轴输出	Output shaft design: S Solid shaft H Hollow shaft D Hollow shaft for shrink disk	Solid shaft
安装方式：H 卧式带底脚	卧式带底脚安装	Mouting positions:H Horizontal	Horizontal
规格代号:4～18	18机座号	Size:sizes 4～18	size 18
公称传动比: 公称传动比i_N (见选型参数表)	公称传动比 i_N=63	Nominal ratio: Nominal ratio i_N (see selection table)	Nominal ratio i_N=63
轴(轴布置形式): B、D(见362页)	装配布置形式为D	Design of shaft: B、D（see page 362）	Design D
输入轴旋转方向 (面向输入轴方向看): CW 顺时针 CCW 逆时针	输入轴 为顺时针 方向	Direction of rotation of input shaft: (viewing on input shaft) CW Clockwse CCW Counter clockwise	Direction of rotation of input shaft is clockwise

② 辅传齿轮箱型号说明 Explanation of auxiliary gear motor type

EK F 127 - Y37 - 24.91 - M4 - A(B)

齿轮箱类型
结构形式
机座号
电机
传动比

输出轴及输出法兰方向（见087页）

安装形式（见087页）

EK F 127 - Y37 - 24.91 - M4 - A(B)

Gear units type
Structure
Size
Motor
Ratio

The direction of the output shaft or output flange(see page 087)

Mounting position (see page 087)

型号说明	上例说明	Explanation of types	Explanation of the above example
系列类型:EK 螺旋锥齿轮齿轮箱	螺旋锥齿轮齿轮箱	Types:EK Helical-bevel gear motor	Helical-bevel gear motor
结构形式:F 轴伸法兰式	轴伸法兰式	Structure: F Flange mounted solid output shaft	Flange-mounted solid shaft output
机座号:47...127	127机座号	Size: 47...127	Size 127
电机: 电机功率	37kw普通电机	Motor:mortor power	37kw Ordinary motor
传动比:见EK参数表	传动比:24.91	Ratio:see EK	Ratio:24.91

注:
1) 使用国产及国外逆止器、超越离合器时,尺寸略有不同(见362页外形尺寸),请特别说明。
2) 主齿轮箱规格确定后,依据辅传驱动为空载和载荷不同工作情况,辅传齿轮箱型号基本确定。

Note:
1)Please specially designate when domestic or imported backstop and overrunning clutch are used, as the dimensions are slightly different(see page 362 gear units mounting dimensions for detail).
2)Auxiliary gear motor type is basically determined depend on the auxiliary drive working under maintenance or under load condition after main gear unit has been selected.

齿轮箱 一般说明 Gear Units General Information

注意事项
Attention

应严格遵守以下各项:

- 样本中的附图只属范例,并不要求严格一致,所注尺寸允许变动。
- 所注重量仅为平均值，并不要求严格一致。
- 为防止发生事故，所有旋转部件应按安全规定加罩防护。
- 试车前，必须认真阅读外部操作说明。齿轮箱供货时已经做好运行准备，只是未加润滑油。
- 给出的加油量只作为参考值，实际油量应以油尺上的标注为准。
- 润滑油粘度须以齿轮箱铭牌上的数值为准。
- 采用国产逆止器、超越离合器时，需给逆止器和联接法兰之内的超越离合器加注润滑脂（2号锂基润滑脂可满足要求），并定期更换。采用国外逆止器、超越离合器时，需向联接法兰内加注润滑油（采用与主减速机同样规格润滑油）以润滑超越离合器，油位以略低于连接法兰视孔即可。

The following items are absolutely to be observed:

- Illustrations are examples only and are not strictly binding. Dimensions are subject to change
- The weights are mean values and not strictly binding.
- To prevent accidents,all rotating parts should be guarded according to local and national safety regulations.
- Prior to commissioning, the operating instructions must be observed.The gear units are delivered ready for operation but without oil filing.
- Oil quantities given are guide values only.The exact quantity of oil depends on the marks on the oildipstick.
- The oil viscosity has to correspond to the data given on the name plate.
- If domestic backstop and overrunning clutch are used,please lubricate them with grease(No.2 lithium grease can meet requirement),and change periodically. If imported backstop and overrunning clutch are used,please fill lubrication into the connecting fiange to lubricate the overruning clutch,as the backstop is lubricated with splash oil.

有关外形尺寸图中的符号说明如下:
Explanations of symbols used in the dimensioned drawings:

基础螺栓的最低性能等级为8.8级。
Foundation bolts of function class 8.8.

齿轮箱 选型指南 Gear Units Guidelines for the Selection

1. 确定齿轮箱的类型及规格 Determination of gear unit type and size

1.1 计算传动比
Calculate the transmission ratio

$$is = \frac{n_1}{n_2}$$

1.2 确定齿轮箱的额定功率
Determine nominal power rating of the gear unit

$$P_N \geq P_2 \times f_1 \times S_A$$

如果不满足下列条件,请向我们咨询
It is not necessary , please consult us, if:

$$3.33 \times P_2 \geq P_N$$

1.3 校核最大扭矩, 如峰值工作扭矩、起动扭矩或制动扭矩, 看其是否满足要求
Check for maximum torque, e. g. peak operating-, starting- or braking torque

$$P_N \geq \frac{T_A \times n_1}{9550} \times 0.5$$

齿轮箱的规格和传动级数列在额定功率选型表中, 可根据i_N和P_N确定。
Gear unit sizes and number of reduction stages are given in rating tables depending on iN and PN

1.4 根据363页上的表检查实际传动比是否满足要求。
Check whether the actual ratio I as per tables on page 363 is acceptable

2. 确定供油方式 Determination of oil supply

所有需要润滑的零部件均浸在润滑油中;
采用飞溅润滑方式;
也可按用户要求提供强制润滑方式。
All parts to be lubricated are lying in the oil or are splash lubricated or are forced lubrication on request .

卧式安装 Horizontal

3.确定所需要的热容量PG Determination of required thermal capacity PG

3.1 如满足以下条件, 则齿轮箱可不带辅助冷却装置:
Adequate for gear units without auxiliary cooling,if:

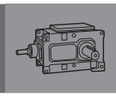
$$P_2 \leqslant P_G = P_{G1} \times f_4 \times f_7$$

3.2 如满足以下条件, 则齿轮箱带冷却风扇可满足要求:
Adequate for gear units with fan cooling,if:

$$P_2 \leqslant P_G = P_{G2} \times f_4 \times f_7$$

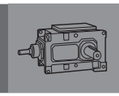
3.3 如需要较高的热容量, 则可按用户要求提供外部润滑油冷却装置进行冷却。
For higher thermal capacities, cooling by extermal oil cooler on request

卧式安装 Horizontal



齿轮箱 符号说明 Gear Units Key to Symbols

E_D	每小时工作周期,以百分比表示,如ED=80% / h Operating cycle per hour in%, e.g. ED=80% / h
f_4	环境温度系数(表4),348页 Factor for ambient temperature (tables 4), page 348
S_A	减速机安全系数(表15),348页 Safety factor (tables 15), page 348
i_N	公称传动比 Nominal ratio
n_1	输入转速(r/min) Input speed(r/min)
P_G	要求的热容量 Required thermal capacity
P_2	工作机的额定功率(KW) Power rating of driven machine (KW)
T_A	输入轴最大扭矩, 如峰值工作扭矩、起动扭矩或制动扭矩 (N.m) Max. torque occurring on input shaft, e.g. peak operating-, starting- or braking torque(N.m)
T_3	在通过辅助传动装置传动时(50Hz;n1=1500r/min输入),输出轴的输出扭矩(kN.m),见349页 Output torque (kN.m) on main gear unit output shaft(input 50Hz;n1=1500r/min), in case of input via auxiliary drive, page 349
f_1	工作机最低工况系数(表1),348页 Factor for driven machine(table 1), page 348
f_7	海拔高度系数(表7),348页 Factors for altitude (tables 7), page 348
i	实际传动比 Actual ratio
i_S	要求传动比 Required ratio
n_2	输出转速(r/min) Output speed(r/min)
P_{G1}	齿轮箱的热容量,不带辅助冷却装置,351–352页 Thermal capacity for gear units without auxiliary cooling, page 351-352
t	环境温度 (℃) Ambient temperature (℃)
T_{2N}	额定输出扭矩(kN.m),252页 Nominal output torque (kN.m), page 252



齿轮箱 选型指南/计算示例 Gear Units Guidelines for the Selection/Calculation Example

已知参数 Known parameter

原动机	PRIME MOVER
电动机: P_1=75 kW	Electric motor: P_1=75 kW
电机转速: n_1=1500 rpm	Motor speed: n_1=1500 rpm
最大起动扭矩: T_A=720 N.m	Max. starting torque: T_A=720 N.ma

工作机 Driven machine

皮带输送机功率: P_2=63 kW	Belt conveyor: P_2=63 kW
转速: n_2=26 rpm	Speed: n_2=26 rpm
工作制: 12 小时/天	Duty: 12 h/day
每小时起动次数: 5	Starts per hour: 5
每小时工作周期: ED=100%	Operating cycle per hour: ED=100%
环境温度: 30 ℃	Ambient temperature: 30 ℃
室外安装(风速): (w≥ 4m/s)	Outdoor installation: (w≥ 4m/s)
海拔高度: 海平面	Altitude:sea level

齿轮箱设计 Gear unit design

直交轴齿轮箱	Bevel-helical gear unit
安装方式: 卧式安装	Mounting position: horizontal
输出轴d_2: 位于齿轮箱右侧(面对输入轴),即布置型式C	Output shaft d_2: on right hand side design C
输出轴d_2 转动方向: ccw	Direction of rotation of output shaft d_2: ccw

选择齿轮箱的类型及规格 Selection of gear unit type and size

1.1 传动比计算:
Calculation of transmission ratio

$$i_S = \frac{n_1}{n_2} = \frac{1500}{26} = 57.7 \quad i_N = 56$$

1.2 确定额定功率
Determination of the gear unit nominal power rating

$$P_N \geqslant P_2 \times f_1 \times f_2 \times S_A = 63 \times 1.5 \times 1 \times 1.25 = 118.125\ kW$$

从额定功率表中选择: 类型 EB3 , 规格 10 , 对应的 P_N = 122 kW
Selected from power rating table: type EB3, gear unit size 10, with P_N = 122 kW

$$3.33 \times P_2 \geqslant PN \qquad 3.33 \times 63 = 219.8\ kW > P_N$$

1.3 检查起动扭矩
Checking the starting torque

$$P_N \geqslant \frac{T_A \times n_1}{9550} \times 0.5 = \frac{720 \times 1500}{9550} \times 0.5 = 56.5\ kW \quad P_N 122\ kW > 56.5\ kW$$

确定热容量 Determination of thermal capacity

2.1 根据表中给出的EB3型齿轮参数, 计算不带辅助冷却装置的齿轮箱热容量
Thermal capacity for gear units without auxiliary cooling, acc. to table for type EB3

$$P_G = P_{G1} \times f_4 \times f_7 \quad P_G = 72\ kW \times 0.88 \times 1 = 63.36\ kW \quad P_2 = 63\ kW < P_G = 63.36\ kW$$

结论：可选用不带冷却装置的减速机

表1 工作机系数 f_1 Table 1 Factor for driven machine f_1

工作机 Driven machines	日工作小时数 Effective daily operating period under load in hours		
	≤0.5	0.5~10	>10
斗式输送机 Bucket conveyors	–	1.4	1.5
绞车 Hauling winches	1.4	1.6	1.6
卷杨机 Hoists	–	1.5	1.8
带式输送机≤150kW Belt conveyors≤150kW	1.0	1.2	1.3
带式输送机>150kW Belt conveyors>150kW	1.1	1.3	1.4

工作机 Driven machines	日工作小时数 Effective daily operating period under load in hours		
	≤0.5	0.5~10	>10
货用电梯 Goods lifts	–	1.2	1.5
客用电梯 Passenger lifts	–	1.5	1.8
刮板式输送机 Apron conveyors	–	1.2	1.5
自动扶梯 Escalators	1.0	1.2	1.4
轨道车辆 Railway Vehicles	–	1.5	–

表4 环境温度系数 f_4 Table 4 Thermal factor f_4

(不带辅助冷却装置或仅带冷却风扇进行冷却)
(Gear units without auxiliary cooling or with fan)

环境温度 Ambient	每小时工作周期(ED)百分比% Oprating cycle per hour(ED)in%				
	100	80	60	40	20
10℃	1.14	1.20	1.32	1.54	2.04
20℃	1.00	1.06	1.16	1.35	1.79
30℃	0.87	0.93	1.00	1.18	1.56
40℃	0.71	0.75	0.82	0.96	1.27
50℃	0.55	0.58	0.64	0.74	0.98

表7 海拔高度系数 f_7 Table 7 Factor for altitude f_7

(不带辅助冷却装置或仅带冷却风扇进行冷却)
(Gear units without auxiliary cooling or with fan)

系数 Factor	海拔高度(m,高于海平面) Altitude(metres above MSL)				
	高达 Up to	高达 Up to	高达 Up to	高达 Up to	高达 Up to
	1000	2000	3000	4000	5000
f_7	1.0	0.95	0.90	0.85	0.80

表15 减速机安全系数 S_A Table 15 Safety coefficient S_A

重要性与安全要求 Importance and safety requirement	S_A
一般设备，减速器失效仅引起单机停产且易更换配件 The failure of ordinary equipment and speed reducer can only result in production halts of single machine and replacement of spare parts.	1.1–1.3
重要设备，减速器失效仅引起机组、生产线或全厂停产 The failure of ordinary equipment and speed reducer can only result in production halts of machines, production lines or the whole factory.	1.3–1.5
高度安全要求，减速器失效引起设备、人身事故 Higher safety requirements, the failure of speed reducer can cause the incident of equipment and human body.	1.5–1.7

1.工作机额定功率P_2的确定
*) 按最大扭矩确定额定功率
**)检验热功率是完全必要的
所列各项系数均为经验值.
使用这些系数的前提条件是所述机械设备应符合通常的设计规范和载荷条件.
如遇特殊情况请及时与我公司联系。

2.关于热容量的说明:
所给出的数值适用于安装地点≤1000m
风速≥1.4m/s(安装地点:室内大厅或大车间)

1.Determination for power rating of driven machine P_2
*) Determinate power corresponding to max.torque
**) A check for thermal capacity is absolutely essential
The listed factors are empirical values.Prerequisite for their application is that the machinery and equipment mentioned correspond to generally accepted design and load specifications.
In case of deviations from standard conditions, please refer to us.

2.Notes on the thermal capacities:
The values listed refer to place of installation ≤1000m
Wind velocity ≥1.4m/s(Place of installation: large halls)

齿轮箱 辅助驱动 Gear Units Auxiliary Drive

类型 EB3... 规格 4...18

依据不同的使用要求,每种规格的减速机有两种辅传驱动型式:

空载驱动： 斗式提升机空载(空斗)时,辅传齿轮箱驱动斗式提升机以较低转速同向移动。

载荷驱动： 斗式提升机满载(满斗)时,辅传减速机驱动斗式提升机以较低转速同向移动。

Dependent on the case of application,for each gear unit size two different auxiliary drives are available:
No-load Drive: The motor of the auxiliary drive is moved in such a way that the bucket elevator can be operated with empty buckets at low speed in the same direction of rotation.
Operation under load: The motor of the auxiliary drive is moved in such a way that the bucket elevator can be operated with full buckets at low speed in the same direction of rotation.

辅传驱动结构设计

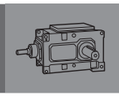
辅传齿轮箱为EKF系列带直联电机的锥齿轮减速电机,通过中间法兰与主减速机相连并自动离合。中间法兰内部的超越离合器,有独立油润滑和加润滑脂润滑两种方式。EKF锥齿轮减速电机也为独立油润滑方式,出厂前已加注润滑油。

Design of auxiliary drives
The auxiliary drive is a bevel-helical gear motor type EKF,which is flanged to the main gear unit by means of an intermediate flange and is coupled to the main gear units via an overrunning clutch. The overrunning clutch is located in the intermediate flange, and lubricated with its own oil or grease. The bevel-helical gear motor type EKF has an own oil filling and is before leave factory filled with oil.

主齿轮箱 Main gear unit	空载驱动 No-load drive						载荷驱动 Operation under load					
	1) n_3 [min^{-1}]	1) T_3 [kNm]	2) 齿轮箱 Gear unit	P_M [kW]	输出轴 d×l [mm]	i	1) n_3 [min^{-1}]	1) T_3 [kNm]	2) 齿轮箱 Gear unit	P_M [kW]	输出轴 d×l [mm]	i
4	2.7	2.7	EKF47-Y0.75-35.93	0.75	30X60	35.93	2.7	4.0	EKF57-Y1.1-36.37	1.1	35x70	36.37
5	2.6	5.4	EKF57-Y1.5-36.37	1.5	35X70	36.37	3.4	6.2	EKF67-Y2.2-28.28	2.2	40x80	28.28
6	2.1	6.7	EKF57-Y1.5-36.37	1.5	35X70	36.37	2.7	7.6	EKF67-Y2.2-28.28	2.2	40x80	28.28
7	3.4	6.2	EKF67-Y2.2-28.28	2.2	40x80	28.28	3.4	11.2	EKF77-Y4-27.99	4.0	50x100	27.99
8	2.7	7.8	EKF67-Y2.2-28.28	2.2	40x80	28.28	2.7	14.1	EKF77-Y4-27.99	4.0	50x100	27.99
9	2.9	9.7	EKF77-Y3-31.98	3.0	50X100	31.98	2.6	20.1	EKF87-Y5.5-36	5.5	60x120	36
10	2.3	12.2	EKF77-Y3-31.98	3.0	50X100	31.98	2.1	25.2	EKF87-Y5.5-36	5.5	60x120	36
11	2.3	12.5	EKF77-Y3-41.95	3.0	50X100	41.95	3.0	35.3	EKF97-Y11-32.44	11.0	70x140	32.44
12	1.8	15.8	EKF77-Y3-41.95	3.0	50X100	41.95	2.3	44.9	EKF97-Y11-32.44	11.0	70x140	32.44
13	2.2	17.7	EKF87-Y4-43.39	4.0	60X120	43.39	3.4	51.4	EKF107-Y18.5-27.33	18.5	90x170	27.33
14	1.7	21.9	EKF87-Y4-43.39	4.0	60X120	43.39	2.8	63.7	EKF107-Y18.5-27.33	18.5	90x170	27.33
15	2.2	17.0	EKF87-Y4-43.39	4.0	60X120	43.39	3.9	73.2	EKF127-Y30-24.91	30.0	110x210	24.91
16	2.0	19.3	EKF87-Y4-43.39	4.0	60X120	43.39	3.4	83.1	EKF127-Y30-24.91	30.0	110x210	24.91
17	2.2	17.3	EKF87-Y4-43.39	4.0	60X120	43.39	3.8	92.1	EKF127-Y37-24.91	37.0	110x210	24.91
18	1.9	20.1	EKF87-Y4-43.39	4.0	60X120	43.39	3.3	106.9	EKF127-Y37-24.91	37.0	110x210	24.91
减速机布置形式 Design of gear units												
主齿轮箱EB布置形式: D 齿轮减速机电机EKF输出轴方向: A Design of main gear unit EB: D Output shaft direction of gear motor EKF: A							主齿轮箱EB布置形式: B 齿轮减速机电机EKF输出轴方向: B Design of main gear unit EB: B Output shaft direction of gear motor EKF: B					

注:
1) 辅传驱动输入时主齿轮箱输出轴上转速、转矩(50Hz,n1=1500min-1);
2) 齿轮减速机电机EKF规格。

Note:
1) Output speed and torque on main gear unit output shaft in case of input via auxiliary drive(50Hz,n1=1500min-1);
2) Gear motor EKF size.



直交轴齿轮箱 Bevel-helical gear units

额定功率 Nominal Power Ratings

类型 TYPES EB3...

规格 SIZES 4...18

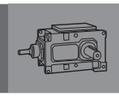
i	n_1	n_2	齿轮箱规格 Gear unit sizes														
			4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
	r/min		额定功率P_N (KW) Nominal power ratings P_N (KW)														
25	1800	72	50	83	110	155	193	256	324	452	565	664	823	1154*	1305*	1508*	1809*
	1500	60	42	69	92	129	161	213	270	377	471	554	686	962	1088	1257	1508
	1200	48	34	55	73	103	128	170	216	301	377	443	548	769	870	1006	1206
	1000	40	28	46	61	86	107	142	180	251	314	369	457	641	725	838	1005
28	1800	64	45	74	99	139	173	230	292	407	509	598	740	1039*	1174*	1357*	1629*
	1500	54	38	62	83	116	144	192	243	339	425	498	617	866	978	1131	1358
	1200	43	30	49	66	92	115	154	194	271	340	398	493	692	782	905	1086
	1000	36	25	41	55	77	96	128	162	226	283	332	411	577	652	754	905
31.5	1800	57	40	67	88	124	153	205	259	362	452	531	657	923*	1044*	1206*	1447*
	1500	48	33	56	74	104	128	171	216	302	377	443	548	770	870	1005	1206
	1200	38	26	44	59	83	102	137	173	241	301	354	438	616	696	804	965
	1000	32	22	37	49	69	85	114	144	201	251	295	365	513	580	670	804
35.5	1800	51	34	58	77	108	135	180	227	317	396	464	576	808*	913*	1055*	1267*
	1500	42	29	48	65	90	113	150	189	264	330	387	480	674	761	879	1056
	1200	34	23	38	52	72	90	120	151	211	264	310	384	539	608	703	845
	1000	28	19	32	43	60	75	100	126	176	220	258	320	449	507	586	704
40	1800	45	31	52	68	97	121	160	203	283	353	414	513	722*	815*	943*	1130*
	1500	38	26	44	57	81	101	134	170	236	294	345	428	602	680	786	942
	1200	30	20	35	46	65	80	107	136	188	235	276	342	481	544	629	754
	1000	25	17	29	38	54	67	89	113	157	196	230	285	401	453	524	628
45	1800	40	27	45	59	85	106	140	178	248	311	365	452	634*	718*	830*	995*
	1500	33	23	38	50	71	89	117	149	207	260	305	377	528	599	692	830
	1200	27	18	30	40	56	71	94	119	166	208	244	301	422	479	553	664
	1000	22	15	25	33	47	59	78	99	138	173	203	251	352	399	461	553
50	1800	36	25	41	54	77	95	128	162	227	283	331	410	576	652*	754*	905*
	1500	30	21	35	45	65	80	107	135	189	236	276	342	480	543	629	755
	1200	24	17	28	36	52	64	85	108	151	188	221	274	384	434	503	604
	1000	20	14	23	30	43	53	71	90	126	157	184	228	320	362	419	503
56	1800	32	22	38	49	68	86	115	146	202	254	297	367	517	583	675*	810*
	1500	27	18	32	41	57	72	96	122	168	212	248	306	431	486	563	675
	1200	21	14	25	32	46	58	77	97	134	169	198	245	344	389	450	540
	1000	18	12	21	27	38	48	64	81	112	141	165	204	287	324	375	450
63	1800	29	20	32	43	59	76	103	130	180	225	265	326	459	518	599*	720*
	1500	24	17	27	36	50	63	86	108	150	188	221	272	383	432	500	600
	1200	19	13	22	29	40	50	68	86	120	150	176	217	306	346	400	480
	1000	16	11	18	24	33	42	57	72	100	125	147	181	255	288	333	400
71	1800	25	17.5	29	38	54	68	90	113	160	200	234	290	407	459	531*	637*
	1500	21	14.6	24	32	45	57	75	95	134	167	195	242	339	383	443	531
	1200	17	11.6	19	25	36	46	60	76	107	133	156	193	271	306	354	425
	1000	14	9.7	16	21	30	38	50	63	89	111	130	161	226	255	295	354

卧式安装齿轮箱要采用强制润滑

* 敬请垂询

Forced lubrication required on horizontal gear units

* Gear units only on request



直交轴齿轮箱 Bevel-helical gear units

热功率 Thermal capacities

类型 TYPES EB3...

规格 SIZES 4...18

i		齿轮箱规格 Gear unit sizes														
		4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
		n=1000r/min 额定热功率														
25	PG1	30.1	41.8	48.6	65	74.7	87.3	94.3	117	144	149	176	204	222	234	250
	PG2	51.7	75.5	86.9	119	134	166	178	250	309	329	390	466	513	607	661
	PG3	59.4	99.4	110	169	189	253	284	337	489	527	638	823	919	1013	1116
	PG4	77.4	128	142	217	243	324	359	454	640	687	827	1047	1168	1333	1467
28	PG1	29	40.6	48	62.1	72.7	83.9	92.7	113	140	144	172	205	216	239	248
	PG2	49.4	72.7	85.5	112	130	157	174	238	295	312	373	453	480	596	621
	PG3	56	94	109	156	183	235	274	313	456	489	593	789	832	980	1015
	PG4	73.1	121	141	201	234	302	349	424	596	640	772	1007	1060	1292	1336
31.5	PG1	27.5	38.6	45.5	59.2	70.3	80.6	89.1	108	133	139	165	196	215	232	250
	PG2	46.8	68.7	80.6	106	125	149	165	225	276	296	350	423	468	557	608
	PG3	52.5	87.6	102	146	174	220	254	291	417	453	543	715	797	896	982
	PG4	68.6	113	133	188	222	282	324	395	548	595	710	917	1020	1184	1296
35.5	PG1	25.9	36.4	44	56.4	67	76.9	85.3	105	128	135	159	192	205	228	241
	PG2	43.8	64.3	77.5	100	119	141	156	215	262	284	332	407	435	538	569
	PG3	48.3	80.2	96.8	135	162	201	237	276	389	431	506	680	725	853	897
	PG4	63.1	104	126	174	207	260	302	373	509	566	662	873	929	1129	1188
40	PG1	22.6	31.7	41.8	49.4	64.1	72.1	81.6	99.6	122	128	152	183	199	220	236
	PG2	38.1	55.5	73.3	87.1	112	131	149	201	246	267	315	383	419	508	548
	PG3	40.7	66.7	90.4	112	151	182	222	253	360	397	471	627	687	793	853
	PG4	53.2	87	117	144	193	235	283	344	473	523	617	808	884	1053	1132
45	PG1	22.1	30.9	39.3	48	60.9	66.4	77.7	91.6	117	119	147	171	190	206	228
	PG2	37.2	54	68.5	84.1	106	120	140	184	236	244	301	352	395	470	520
	PG3	39.5	64.3	82.9	108	139	164	203	227	340	356	446	564	634	719	798
	PG4	51.8	84	107	139	179	211	260	311	449	467	586	728	818	955	1057
50	PG1	22.4	30.8	34.4	47.6	53.6	65.5	73.1	92.4	112	122	141	178	179	219	216
	PG2	37.4	53.3	59.4	82.5	92.5	117	131	181	221	244	283	356	363	478	481
	PG3	39.5	62.6	69.2	104	116	156	184	222	312	352	412	567	571	727	725
	PG4	51.6	81.9	90.3	134	149	203	236	301	411	466	543	728	738	962	963
56	PG1	20.7	28.5	33.6	44.3	52.1	60.7	67.7	84.5	103	113	131	165	186	205	228
	PG2	34.4	49.3	57.8	76.7	89.6	108	120	164	203	223	258	325	365	438	488
	PG3	35.6	56.4	66.7	94.7	111	140	166	197	279	315	366	507	573	654	729
	PG4	46.8	74.1	87.2	122	143	182	213	268	370	416	486	652	738	867	966
63	PG1	19.9	27.4	33.4	42.8	51.5	58.7	66.5	81.7	103	109	133	159	171	198	211
	PG2	33.1	47.3	57.1	74.1	88.1	104	117	158	198	214	259	309	333	419	447
	PG3	33.7	53.3	65	89.8	108	132	159	185	271	296	365	475	510	615	657
	PG4	44.3	70.1	85.1	116	140	173	203	253	358	393	481	612	659	820	869
71	PG1	18.4	26.1	30.8	40.8	47.8	55	61.7	75.7	94.8	103	122	151	164	187	204
	PG2	30.7	44.9	52.6	70.5	81.7	97.8	108	146	180	201	236	292	318	393	426
	PG3	30.6	49.3	58.8	83.1	98.3	119	143	166	240	268	327	437	481	569	620
	PG4	40.4	65.2	77.1	108	127	157	183	228	319	356	431	567	621	757	824

PG1、PG2、PG3、PG4见214页 See page 214 for PG1、PG2、PG3、PG4

i		齿轮箱规格 Gear unit sizes														
		4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
		n=1200r/min 额定热功率														
25	PG1	31.8	43.7	50.6	67.4	77.1	89.7	96.4	117	142	144	170	189	202	208	219
	PG2	59.1	86.2	99	135	153	188	202	281	346	367	435	513	563	662	718
	PG3	66.1	110	122	188	211	282	316	375	545	587	710	916	1023	1128	1242
	PG4	89	147	163	249	279	371	411	519	730	783	941	1186	1322	1505	1654
28	PG1	30.7	42.6	50.3	64.8	75.5	86.8	95.6	114	140	143	170	195	204	222	227
	PG2	56.6	83	97.5	127	148	179	197	269	332	350	417	503	531	656	682
	PG3	62.4	104	121	174	204	261	305	349	508	545	660	879	926	1091	1130
	PG4	84.2	139	162	231	268	346	400	486	682	731	881	1145	1204	1465	1513
31.5	PG1	29.1	40.6	47.8	62	73.4	83.9	92.4	111	135	140	165	191	208	221	236
	PG2	53.7	78.5	92.1	121	143	170	188	254	312	333	393	473	521	619	673
	PG3	58.5	97.5	114	162	194	245	283	324	464	505	605	796	887	998	1093
	PG4	78.9	130	153	216	255	324	372	453	627	680	811	1044	1161	1345	1471
35.5	PG1	27.5	38.4	46.3	59.2	70.2	80.3	88.8	108	131	137	160	189	201	221	232
	PG2	50.2	73.6	88.6	114	136	161	178	244	296	321	375	457	487	599	633
	PG3	53.8	89.3	107	151	180	224	264	307	433	480	564	757	807	949	999
	PG4	72.7	120	144	200	238	298	347	428	584	648	758	996	1059	1286	1351
40	PG1	24	33.5	44.1	52	67.3	75.4	85.2	102	125	130	155	182	197	215	230
	PG2	43.7	63.5	83.8	99.6	128	150	170	229	279	302	355	430	470	568	611
	PG3	45.3	74.3	100	125	168	202	247	282	401	442	525	698	765	883	949
	PG4	61.3	100	135	166	222	270	325	395	542	599	706	923	1009	1200	1289
45	PG1	23.5	32.7	41.5	50.6	64	69.6	81.3	95	121	122	150	171	189	204	224
	PG2	42.6	61.8	78.4	96.1	121	137	160	210	268	276	341	397	444	526	581
	PG3	44	71.6	92.3	120	155	182	226	253	378	396	496	628	706	801	888
	PG4	59.7	96.7	124	159	205	243	299	357	515	535	671	832	934	1090	1205
50	PG1	23.8	32.7	36.4	50.3	56.6	69.1	77	96.6	116	126	146	182	182	221	218
	PG2	42.9	61.1	68	94.5	105	133	150	207	251	278	321	402	411	539	542
	PG3	44	69.7	77	116	129	174	205	247	348	392	459	631	636	809	807
	PG4	59.4	94.3	103	154	172	234	272	346	472	535	623	834	845	1101	1101
56	PG1	22	30.2	35.7	47	55.2	64.3	71.5	88.9	108	118	136	171	191	210	233
	PG2	39.4	56.5	66.3	87.9	102	124	137	188	232	254	294	369	415	497	553
	PG3	39.6	62.8	74.3	105	123	156	185	219	311	351	408	565	638	728	811
	PG4	53.9	85.4	100	141	165	210	245	308	426	478	558	748	846	994	1107
63	PG1	21.2	29.1	35.5	45.5	54.6	62.2	70.4	86.1	108	114	139	165	177	204	217
	PG2	38	54.3	65.5	84.9	100	119	1434	180	227	244	296	352	378	475	507
	PG3	37.5	59.3	72.4	100	120	147	177	206	302	330	407	529	568	685	731
	PG4	51	80.8	98	134	161	199	234	291	411	452	553	703	757	941	997
71	PG1	19.6	27.7	32.8	43.3	50.8	58.3	65.3	79.9	99.8	108	128	158	170	194	210
	PG2	35.3	51.6	60.3	80.9	93.6	112	124	167	206	229	269	333	362	446	484
	PG3	34.1	54.9	65.4	92.5	109	133	159	185	267	298	364	487	535	633	690
	PG4	46.6	75.1	88.8	125	146	181	211	262	367	410	495	651	713	869	945

PG1、PG2、PG3、PG4见214页 See page 214 for PG1、PG2、PG3、PG4

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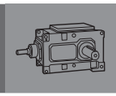


直交轴齿轮箱 Bevel-helical gear units

热功率 Thermal capacities

类型 TYPES EB3...

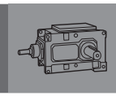
规格 SIZES 4...18

i		齿轮箱规格 Gear unit sizes														
		4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
		n=1500r/min 额定热功率														
25	PG1	31.9	43.3	50.1	66.2	75.2	86.9	92.8	109	130	128	150	153	160	*	*
	PG2	66.7	96.6	110	151	170	209	223	307	375	395	466	537	585	681	732
	PG3	73.6	122	135	208	232	310	347	408	590	632	762	970	1078	1181	1294
	PG4	102	168	186	284	317	422	466	584	817	870	1045	1297	1440	1629	1780
28	PG1	30.9	42.5	50	64.1	74.4	85	93.1	109	131	131	155	168	172	183	182
	PG2	63.9	93.3	109	143	165	199	220	296	363	380	452	535	562	689	711
	PG3	69.4	116	134	193	225	288	336	382	554	590	715	939	987	1157	1193
	PG4	96.7	159	185	264	306	395	455	549	767	819	985	1265	1326	1605	1650
31.5	PG1	29.4	40.7	47.8	61.7	72.7	82.7	90.7	106	129	131	154	170	183	190	199
	PG2	60.7	88.5	103	136	160	190	210	282	344	365	430	508	558	658	712
	PG3	65.2	108	126	180	215	271	312	356	508	550	658	857	952	1067	1165
	PG4	90.8	149	175	247	292	370	424	514	709	766	912	1162	1288	1487	1620
35.5	PG1	27.8	38.6	46.4	59.1	69.8	79.6	87.7	105	125	130	151	173	181	196	203
	PG2	56.8	83	99.8	129	152	181	199	271	328	353	412	495	526	644	677
	PG3	59.9	99.3	119	167	200	248	292	338	475	524	615	819	871	1021	1071
	PG4	83.7	138	166	229	272	341	396	487	661	732	855	1114	1181	1429	1498
40	PG1	24.3	33.7	44.3	52	67.1	75	84.4	100	121	125	147	168	180	194	204
	PG2	49.4	71.6	94.6	112	144	168	191	255	310	334	392	469	510	614	657
	PG3	50.5	82.7	111	138	187	224	274	310	440	484	574	758	829	954	1022
	PG4	70.6	115	155	191	254	309	372	449	616	678	798	1035	1129	1339	1434
45	PG1	23.8	32.9	41.8	50.8	64	69.4	80.8	93.2	118	117	144	160	176	187	203
	PG2	48.3	69.8	88.5	108	137	154	180	234	298	306	377	434	484	572	629
	PG3	49	79.7	102	133	172	202	251	280	417	435	544	684	768	868	960
	PG4	68.7	111	142	183	236	279	342	407	585	607	760	936	1049	1221	1346
50	PG1	24.2	33	36.8	50.7	56.9	69.3	77	95.8	115	124	142	174	174	210	204
	PG2	48.7	69.2	76.9	106	119	151	169	232	281	310	358	445	453	593	594
	PG3	49.1	77.7	85.8	129	144	194	228	274	384	433	506	692	696	884	880
	PG4	68.5	108	119	177	197	269	312	396	539	610	709	944	956	1242	1240
56	PG1	22.4	30.7	36.2	47.5	55.7	64.8	72	88.9	108	117	135	167	186	203	225
	PG2	44.8	64	75.1	99.5	116	140	155	211	260	285	330	411	461	552	612
	PG3	44.2	70.1	82.9	117	138	174	206	243	345	389	451	622	702	800	891
	PG4	62.1	98.3	115	162	190	241	281	354	488	547	637	852	962	1128	1255
63	PG1	21.6	29.5	36	46.1	55.2	62.8	71	86.3	108	114	138	162	173	199	211
	PG2	43.2	61.6	74.2	96.2	114	135	151	203	255	275	332	393	422	529	563
	PG3	41.9	66.2	80.8	111	134	164	197	229	335	366	451	585	627	755	805
	PG4	58.9	93	112	154	185	229	269	334	471	517	633	802	862	1071	1133
71	PG1	20	28.2	33.3	43.9	51.4	59	65.9	80.2	99.9	107	127	155	167	190	205
	PG2	40	58.5	68.4	91.7	106	126	140	189	232	258	302	372	404	498	539
	PG3	38	61.3	73	103	122	148	177	206	297	331	404	538	591	698	760
	PG4	53.7	86.5	102	143	168	209	243	301	421	469	567	743	813	990	1075

PG1、PG2、PG3、PG4见214页 See page 214 for PG1、PG2、PG3、PG4

i		齿轮箱规格 Gear unit sizes														
		4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
		n=1800r/min 额定热功率														
25	PG1	32.3	43	49.4	64.6	72.5	82.8	87.2	97.2	110	102	116	*	*	*	*
	PG2	74.1	106	122	165	186	228	243	329	398	414	486	544	587	674	714
	PG3	80.9	134	148	227	254	337	377	440	634	675	813	1020	1128	1229	1339
	PG4	115	189	209	319	355	471	520	647	901	954	1143	1399	1546	1738	1890
28	PG1	31.4	42.6	49.9	63.4	72.9	82.5	89.4	100	117	112	130	*	*	*	*
	PG2	71.1	103	121	157	182	218	240	320	390	404	479	554	577	700	716
	PG3	76.5	127	147	211	246	315	367	414	598	635	767	998	1044	1218	1251
	PG4	109	179	209	296	344	442	509	611	851	903	1085	1378	1440	1734	1776
31.5	PG1	30.1	41	48	61.6	72	81.3	88.4	100	118	116	135	137	142	*	*
	PG2	67.6	98.1	114	150	177	209	230	306	371	391	460	534	582	681	731
	PG3	71.8	119	139	198	236	297	341	387	551	594	710	916	1015	1133	1233
	PG4	102	169	197	278	328	415	476	573	788	849	1009	1274	1409	1619	1759
35.5	PG1	28.5	39.1	46.9	59.4	69.7	78.9	86.3	100	118	119	137	146	149	155	155
	PG2	63.3	92.1	110	142	168	199	219	296	356	381	443	525	555	674	705
	PG3	66.1	109	131	184	219	272	320	369	516	568	666	880	933	1091	1141
	PG4	94.6	155	187	258	306	384	445	544	738	814	949	1228	1299	1566	1636
40	PG1	25	34.2	44.9	52.4	67.2	74.7	83.6	97	115	116	136	146	153	160	164
	PG2	55.1	79.6	105	124	160	186	211	279	337	362	424	500	541	647	690
	PG3	55.7	91	123	152	205	246	300	339	480	526	623	816	891	1022	1092
	PG4	79.8	129	175	215	286	348	418	503	688	755	888	1144	1245	1472	1572
45	PG1	24.5	33.5	42.5	51.3	64.4	69.5	80.4	90.8	113	110	134	142	154	159	169
	PG2	53.9	77.7	98.4	120	151	170	199	257	326	333	409	465	517	607	665
	PG3	54.1	87.8	113	147	190	222	275	306	454	473	592	739	828	933	1029
	PG4	77.7	125	161	206	265	314	384	457	655	677	847	1037	1160	1346	1481
50	PG1	24.9	33.9	37.7	51.7	57.8	70.2	77.7	95.2	113	120	138	163	161	191	184
	PG2	54.4	77.1	85.7	118	132	167	188	256	310	340	392	483	491	640	639
	PG3	54.2	85.7	94.6	142	158	213	250	300	421	473	552	752	755	958	951
	PG4	77.5	122	135	200	223	303	352	445	606	684	794	1053	1064	1380	1376
56	PG1	23.1	31.6	37.2	48.7	57	66.1	73.2	89.4	108	116	133	161	179	193	211
	PG2	50	71.4	83.7	110	129	156	173	234	288	314	363	450	504	601	665
	PG3	48.9	77.4	91.4	129	152	192	227	267	379	426	494	680	766	871	969
	PG4	70.3	111	130	183	215	272	318	398	549	614	716	954	1076	1260	1401
63	PG1	22.3	30.4	37.1	47.3	56.6	64.2	72.5	87.3	108	114	137	158	168	192	202
	PG2	48.3	68.7	82.9	107	127	150	168	226	283	303	367	431	463	579	615
	PG3	46.3	73.1	89.2	123	147	181	217	252	368	401	494	639	685	824	877
	PG4	66.7	105	127	174	210	259	304	377	531	582	712	899	966	1198	1267
71	PG1	20.7	29.1	34.3	45.2	52.7	60.4	67.4	81.3	100	107	127	153	163	184	198
	PG2	44.8	65.3	76.3	102	118	141	156	210	257	285	334	409	444	546	590
	PG3	42	67.7	80.6	113	134	163	195	226	327	363	443	589	647	763	830
	PG4	60.8	97.9	115	162	190	236	275	340	474	528	638	834	912	1109	1204

PG1、PG2、PG3、PG4见214页 See page 214 for PG1、PG2、PG3、PG4



直交轴齿轮箱 Bevel-helical Gear Units

实际传动比 Actual Ratios

类型 TYPES EB3...

规格 SIZES 4...18

i_N	齿轮箱规格 Gear unit sizes								
	4	5	6	7	8	9	10	11	12
25	25.380	25.421	24.349	25.446	25.152	25.843	25.400	25.185	25.103
28	27.836	27.881	27.211	28.125	27.923	28.563	27.842	27.836	27.517
31.5	30.196	30.245	31.508	30.509	32.084	30.985	32.400	31.975	32.021
35.5	34.771	34.827	34.557	35.131	35.461	35.679	35.811	34.771	35.392
40	39.487	39.551	37.486	39.896	38.468	40.902	38.846	39.861	40.654
45	43.077	43.146	43.166	43.523	44.296	44.202	44.732	43.077	44.209
50	49.060	49.139	49.021	49.568	50.304	50.341	51.280	49.060	50.681
56	55.152	55.240	53.477	55.723	54.877	56.592	55.417	55.152	54.769
63	60.808	60.906	60.904	61.438	62.499	62.396	63.114	60.808	62.376
71	69.293	69.404	68.467	70.011	70.259	71.102	70.951	69.293	70.121

i_N	齿轮箱规格 Gear unit sizes					
	13	14	15	16	17	18
25	25.864	25.131	24.916	24.842	25.409	25.936
28	28.587	27.548	27.847	28.263	28.398	29.507
31.5	32.838	32.057	31.634	31.588	32.259	32.979
35.5	35.709	35.432	34.400	35.883	35.080	37.463
40	40.936	40.700	39.435	39.021	40.215	40.738
45	44.238	44.259	42.617	44.732	43.460	46.702
50	50.383	50.737	48.536	48.341	49.496	50.469
56	56.639	54.831	54.562	55.055	55.641	57.479
63	62.448	62.446	60.158	61.892	61.348	64.616
71	71.161	70.200	68.553	68.239	69.909	71.243

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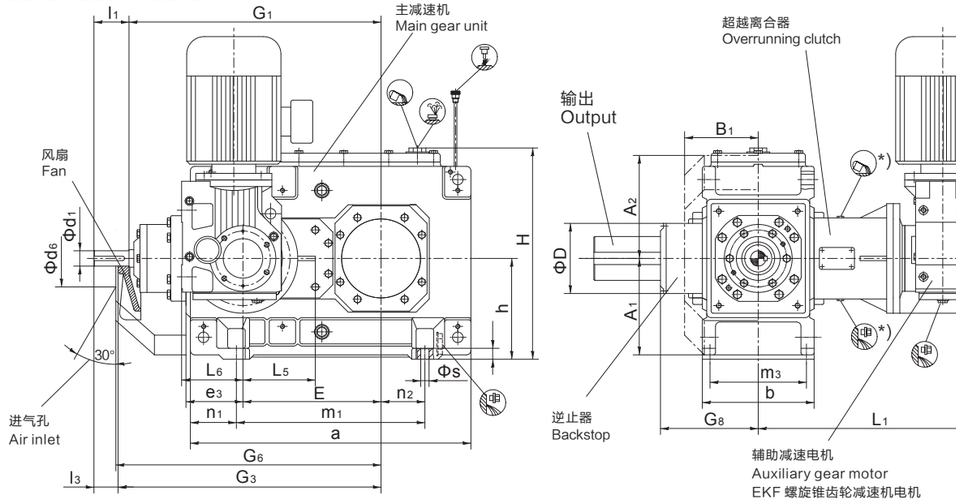
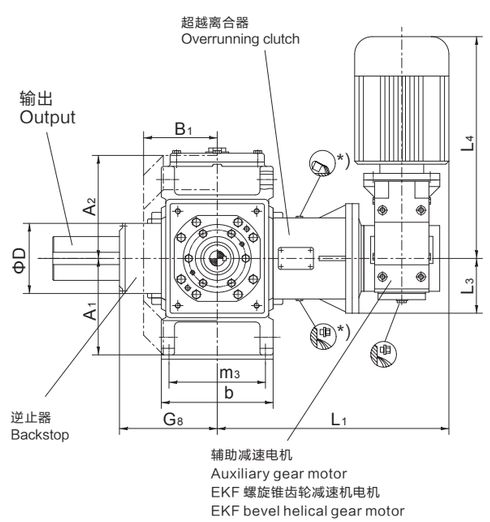
EB/EK

直交轴齿轮箱 Bevel-helical gear units　三级传动 Three Stage　带辅传 with Auxiliary Drive　空载驱动 No-load Drive

类型 TYPES EB3...
规格 SIZES 4...12

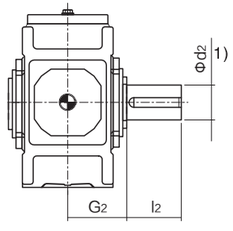
EB3SH EB3HH EB3DH



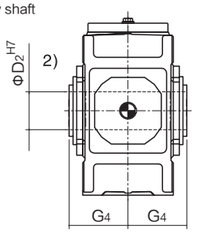


★ 输出轴 Output Shaft

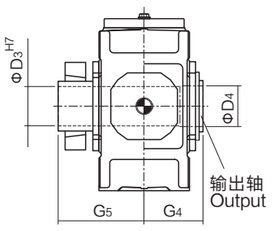
EB3SH
实心轴
Solid shaft



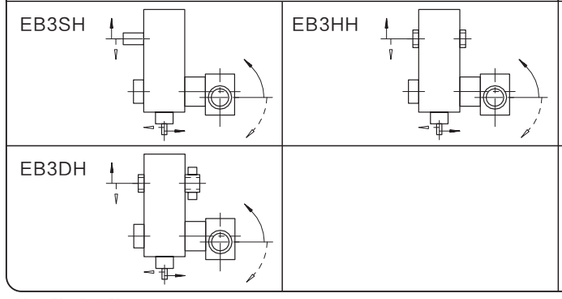
EB3HH
空心轴
Hollow shaft



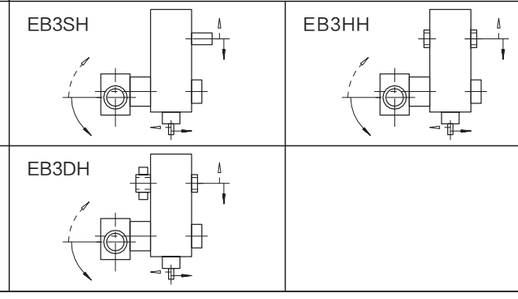
EB3DH
带胀紧盘的空心轴
Hollow shaft for shrink disk



主减速机EB布置形式: D
齿轮减速电机EKF输出轴方向: A
Design of main gear unit EB: D
Output shaft direction of gear motor EKF: A



主减速机EB布置形式: B
齿轮减速电机EKF输出轴方向: B
Design of main gear unit EB: B
Output shaft direction of gear motor EKF: B



1)k6≤Φ50 m6>Φ50
有关平键 GB/T1095-1979型和中心孔,参见第321-322页。 For parallel key GB/T1095-1979 and for center hole,see page 321-322.
2)键槽 GB/T1095-1979 Keyway GB/T1095-1979.
*)仅当采用国外超越离合器时加注润滑油,若采用国产逆止器、超越离合器时则加注润滑脂。
*)Fill lubrication only when selecting imported overrunning clutch,if domestic backstop and overrunning clutch are used please fill grease.

直交轴齿轮箱 Bevel-helical gear units　三级传动 Three Stage　带辅传 with Auxiliary Drive　空载驱动 No-load Drive

类型 TYPES EB3...
规格 SIZES 4...12

规格 Size	辅传减速电机 Auxiliary gear motor	尺寸 mm 输入轴 Dimensions in mm Input shaft												G1	G3
		iN=25-45			iN=25-56			iN=50-71			iN=63-71				
		d1 1)	l1	l3	d1 1)	l1	l3	d1 1)	l1	l3	d1 1)	l1	l3		
4	EKF47-Y0.75-35.93	30	70	50				25	60	40				500	520
5	EKF57-Y1.5-36.37	35	80	60				28	60	40				575	595
6	EKF57-Y1.5-36.37				35	80	60				28	60	40	610	630
7	EKF67-Y2.2-28.28	45	100	80				35	80	60				690	710
8	EKF67-Y2.2-28.28				45	100	80				35	80	60	735	755
9	EKF77-Y3.0-31.98	55	110	80				40	100	70				800	830
10	EKF77-Y3.0-31.98				55	110	80				40	100	70	850	880
11	EKF77-Y3.0-41.95	70	135	105				50	110	80				960	990
12	EKF77-Y3.0-41.95				70	135	105				50	110	80	1030	1060

规格 Size	尺寸 mm 减速机 mm Dimensions in mm Gear units												
	a	A1	A2	b	B1	c	d6	e3	E	G6	G8 5)		h	H
4	565	195	200	215	143	28	110	110	270	530	193	188*	200	415
5	640	220	235	255	168	28	130	130	315	605	218	213*	230	482
6	720	220	235	255	168	28	130	130	350	640	218	213*	230	482
7	785	275	275	300	193	35	165	160	385	720	273	266*	280	572
8	890	275	275	300	193	35	165	160	430	765	273	266*	280	582
9	925	315	325	370	231	40	175	185	450	845	347	327*	320	662
10	1025	315	325	380	231	40	175	185	500	895	347	327*	320	662
11	1105	370	385	430	263	50	190	225	545	1010	397	342*	380	795
12	1260	370	385	430	263	50	190	225	615	1080	397	342*	380	795

规格 Size	尺寸 mm 减速机 mm Dimensions in mm Gear units											
	m1	m3	n1	n2	s	L1 5)		L3	L4	L5	L6	D 5)	
4	355	180	105	85	19	447	477*	103	459	137	112	132	132*
5	430	220	105	100	19	512	507*	125	502	165	132	160	150*
6	510	220	105	145	19	512	507*	125	502	165	132	160	150*
7	545	260	120	130	24	555	555*	150	536	210	140	195	190*
8	650	260	120	190	24	555	555*	150	536	210	140	195	190*
9	635	320	145	155	28	655	650*	160	556	255	180	230	210*
10	735	320	145	205	28	655	650*	160	556	255	180	230	210*
11	775	370	165	180	35	702	692*	180	556	315	180	280	210*
12	930	370	165	265	35	702	692*	180	556	315	180	280	210*

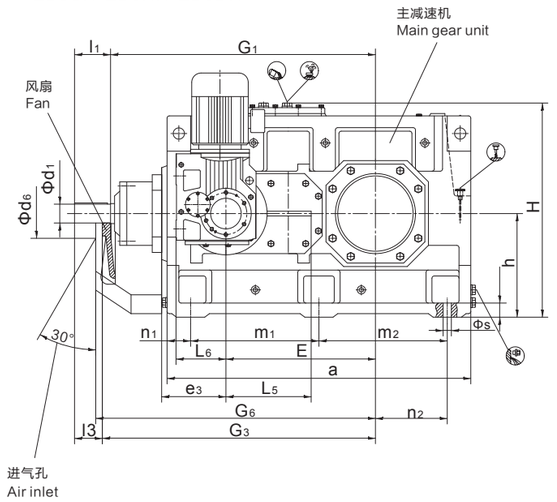
规格 Size	尺寸 mm 输出轴 Dimensions in mm Output shaft									润滑油 lubrication		重量 weight	
	EB3SH			EB3HH		EB3DH				EKF	EB3	EKF3)	EB3/EKF4)
	d2 1)	G2	l2	D2	G4	D3	D4	G4	G5	(L)	(L)	(kg)	(kg)
4	80	140	170	80	140	85	85	140	205	2.2	10	36	262
5	100	165	210	95	165	100	100	165	240	3.0	16	52	402
6	110	165	210	105	165	110	110	165	240	3.0	17	52	457
7	120	195	210	115	195	120	120	195	280	3.6	30	66	649
8	130	195	250	125	195	130	130	195	285	3.6	33	66	734
9	140	235	250	135	235	140	145	235	330	6.0	45	92	1017
10	160	235	300	150	235	150	155	235	350	6.0	48	92	1147
11	170	270	300	165	270	165	170	270	400	6.0	79	92	1582
12	180	270	300	180	270	180	185	270	405	6.0	84	92	1857

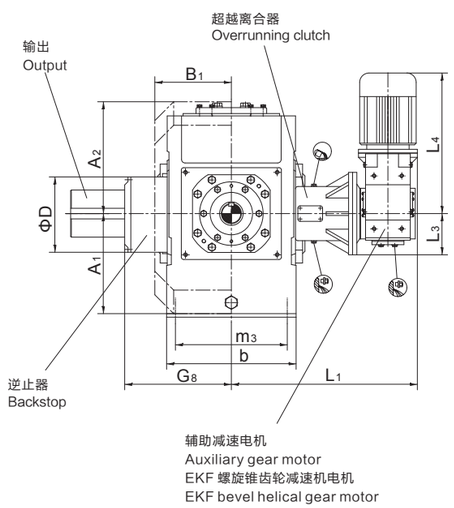
3)MTJF减速机电机重量(不含润滑油重量),其余相关数据详见82页。
4)主减速机与辅传减速机电机组合总重量(不含润滑油重量);
5)不带*列为采用国产逆止器、超越离合器时尺寸,带*列为采用国外逆止器、超越离合器时的尺寸。
3)Weight of gear motor MTJF (oil weight not included),other detailed data refer to Page 82
4)Gross weight of combination of main gear unit and auxiliary gear motor(oil weight not included).
5)Without * is the dimension using domestic backstop and overrunning clutch and with * is the dimension using imported backstop and overrunning clutch.

直交轴齿轮箱 Bevel-helical gear units　三级传动 Three Stage　带辅传 with Auxiliary Drive　空载驱动 No-load Drive

类型 TYPES EB3...
规格 SIZES 13...18

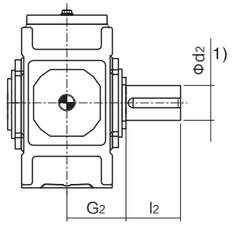
EB3SH EB3HH EB3DH



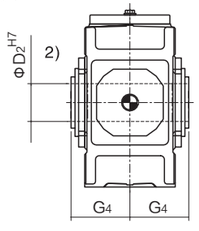


★ 输出轴 Output Shaft

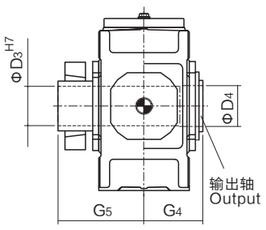
EB3SH
实心轴
Solid shaft



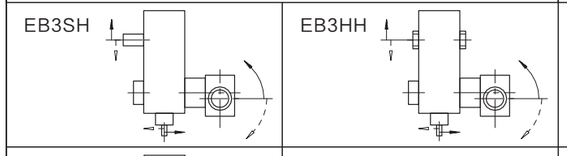
EB3HH
空心轴
Hollow shaft



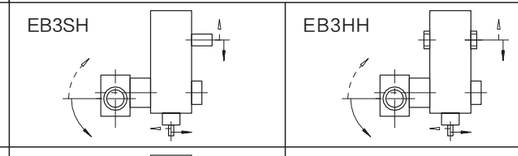
EB3DH
带胀紧盘的空心轴
Hollow shaft for shrink disk



主减速机EB布置形式: D
齿轮减速电机EKF输出轴方向: A
Design of main gear unit EB: D
Output shaft direction of gear motor EKF: A



主减速机EB布置形式: B
齿轮减速电机EKF输出轴方向: B
Design of main gear unit EB: B
Output shaft direction of gear motor EKF: B



1)k6≤Φ50　m6＞Φ50
有关平键 GB/T1095-1979型和中心孔,参见第321-322页。 For parallel key GB/T1095-1979 and for center hole,see page 321-322.
2)键槽 GB/T1095-1979 Keyway GB/T1095-1979.
*)仅当采用国外超越离合器时加注润滑油,若采用国产逆止器、超越离合器时则加注润滑脂。
*)Fill lubrication only when selecting imported overrunning clutch,if domestic backstop and overrunning clutch are used please fill grease.

EB/EK

直交轴齿轮箱 Bevel-helical gear units　三级传动 Three Stage　带辅传 with Auxiliary Drive　空载驱动 No-load Drive

类型 TYPES EB3...
规格 SIZES 13...18

规格 Size	辅传减速电机 Auxiliary gear motor	尺寸 mm 输入轴 Dimensions in mm Input shaft																G1	G3
		iN=25-45			iN=25-50			iN=25-56			iN=50-71			iN=56-71			iN=63-71				
		d1 1)	l1	l3	d1 1)	l1	l3	d1 1)	l1	l3	d1 1)	l1	l3	d1 1)	l1	l3	d1 1)	l1	l3		
13	EKF87-Y4-43.39	80	165	130							60	140	105							1125	1160
14	EKF87-Y4-43.39							80	165	130							60	140	105	1195	1230
15	EKF87-Y4-43.39	90	165	130							70	140	105							1367	1402
16	EKF87-Y4-43.39				90	165	130							70	140	105				1413	1448
17	EKF87-Y4-43.39	110	205	165							80	170	130							1560	1600
18	EKF87-Y4-43.39				110	205	165							80	170	130				1620	1660

规格 Size	尺寸 mm 减速机 mm Dimensions in mm Gear units												
	a	A1	A2	b	B1	c	d6	e3	E	G6	G8 5)		h	H
13	1290	425	475	550	325	60	210	265	635	1180	453	433*	440	900
14	1430	425	475	550	325	60	210	265	705	1250	453	433*	440	900
15	1550	485	520	625	365	70	210	320	762	1420	500	476*	500	1000
16	1640	485	520	625	365	70	210	320	808	1470	500	476*	500	1000
17	1740	535	570	690	395	80	230	370	860	1620	532	508*	550	1100
18	1860	535	570	690	395	80	230	370	920	1680	532	508*	550	1100

规格 Size	尺寸 mm 减速机 mm Dimensions in mm Gear units													
	m1	m2	m3	n1	n2	s	L1 5)		L3	L4	L5	L6	D 5)	
13	545	545	475	100	305	35	805	790*	190	628	362	212	320	290*
14	545	685	475	100	375	35	805	790*	190	628	362	212	320	290*
15	655	655	535	120	365	42	850	835*	200	628	443	212	400	290*
16	655	745	535	120	410	42	850	835*	200	628	443	212	400	290*
17	735	735	600	135	390	42	882	867*	225	628	520	212	400	290*
18	735	855	600	135	450	42	882	867*	225	628	520	212	400	290*

规格 Size	尺寸 mm 输出轴 Dimensions in mm Output shaft									润滑油 lubrication		重量 weight	
	EB3SH			EB3HH		EB3DH				EKF	EB3	EKF3)	EB3/EKF4)
	d2 1)	G2	l2	D2	G4	D3	D4	G4	G5	(L)	(L)	(kg)	(kg)
13	200	335	350	190	335	190	190	335	480	11.9	130	113	2493
14	210	335	350	210	335	210	215	335	480	11.9	140	113	2863
15	230	380	410	230	380	230	235	380	550	11.9	210	113	3843
16	240	380	410	240	380	240	245	380	550	11.9	220	113	4068
17	250	415	410	250	415	250	260	415	600	11.9	290	113	5103
18	270	415	470	275	415	280	285	415	600	11.9	330	113	5608

3)EKF减速机电机重量(不含润滑油重量),其余相关数据详见82页。
4)主减速机与辅传减速机电机组合总重量(不含润滑油重量);
5)不带*列为采用国产逆止器、超越离合器时尺寸,带*列为采用国外逆止器、超越离合器时的尺寸。

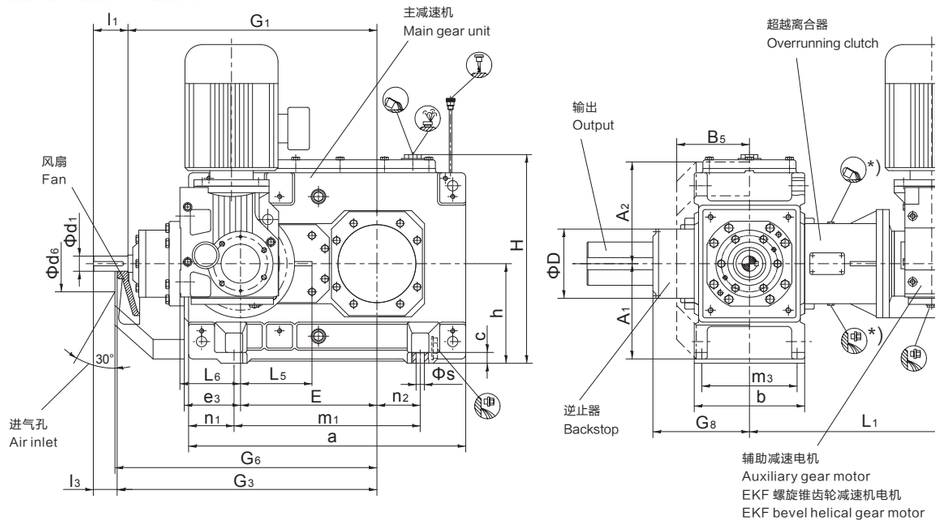
3)Weight of gear motor EKF (oil weight not included),other detailed data refer to Page 82
4)Gross weight of combination of main gear unit and auxiliary gear motor(oil weight not included).
5)Without * is the dimension using domestic backstop and overrunning clutch and with * is the dimension using imported backstop and overrunning clutch.

EB/EK

直交轴齿轮箱 Bevel-helical gear units　三级传动 Three Stage　带辅传 with Auxiliary Drive　载荷驱动 Load Drive

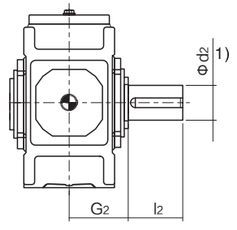
类型 TYPES EB3...
规格 SIZES 4...12

EB3SH EB3HH EB3DH

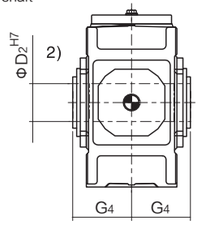


★ 输出轴 Output Shaft

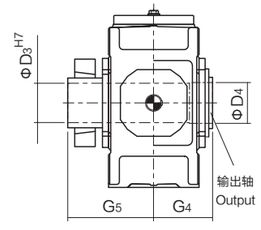
EB3SH
实心轴
Solid shaft



EB3HH
空心轴
Hollow shaft

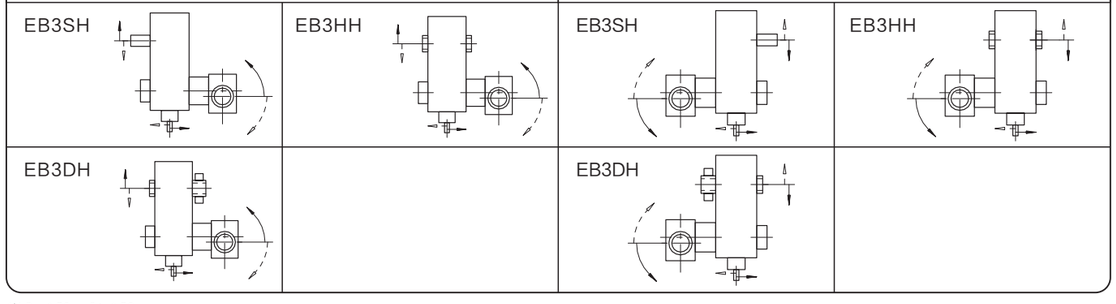


EB3DH
带胀紧盘的空心轴
Hollow shaft for shrink disk



主减速机EB布置形式: D
齿轮减速电机EKF输出轴方向: A
Design of main gear unit EB: D
Output shaft direction of gear motor EKF: A

主减速机EB布置形式: B
齿轮减速电机EKF输出轴方向: B
Design of main gear unit EB: B
Output shaft direction of gear motor EKF: B



1)k6≤Φ50　m6>Φ50
有关平键 GB/T1095-1979型和中心孔,参见第321-322页。 For parallel key GB/T1095-1979 and for center hole,see page 321-322.
2)键槽 GB/T1095-1979 Keyway GB/T1095-1979.
*)仅当采用国外超越离合器时加注润滑油,若采用国产逆止器、超越离合器时则加注润滑脂。
*)Fill lubrication only when selecting imported overrunning clutch,if domestic backstop and overrunning clutch are used please fill grease.

直交轴齿轮箱 Bevel-helical gear units　三级传动 Three Stage　带辅传 with Auxiliary Drive　载荷驱动 Load Drive

类型 TYPES EB3...
规格 SIZES 4...12

规格 Size	辅传减速电机 Auxiliary gear motor	尺寸 mm 输入轴 Dimensions in mm Input shaft												G1	G3
		iN=25-45			iN=25-56			iN=50-71			iN=63-71				
		d1 1)	l1	l3	d1 1)	l1	l3	d1 1)	l1	l3	d1 1)	l1	l3		
4	EKF57-Y1.1-36.37	30	70	50				25	60	40				500	520
5	EKF67-Y2.2-28.28	35	80	60				28	60	40				575	595
6	EKF67-Y2.2-28.28				35	80	60				28	60	40	610	630
7	EKF77-Y4-27.99	45	100	80				35	80	60				690	710
8	EKF77-Y4-27.99				45	100	80				35	80	60	735	755
9	EKF87-Y5.5-36	55	110	80				40	100	70				800	830
10	EKF87-Y5.5-36				55	110	80				40	100	70	850	880
11	EKF97-Y11-32.44	70	135	105				50	110	80				960	990
12	EKF97-Y11-32.44				70	135	105				50	110	80	1030	1060

规格 Size	尺寸 mm 减速机 mm Dimensions in mm Gear units												
	a	A1	A2	b	B1	c	d6	e3	E	G6	G8 5)	h	H
4	565	195	200	215	143	28	110	110	270	530	193 / 188*	200	415
5	640	220	235	255	168	28	130	130	315	605	218 / 213*	230	482
6	720	220	235	255	168	28	130	130	350	640	218 / 213*	230	482
7	785	275	275	300	193	35	165	160	385	720	273 / 266*	280	572
8	890	275	275	300	193	35	165	160	430	765	273 / 266*	280	582
9	925	315	325	370	231	40	175	185	450	845	348 / 327*	320	662
10	1025	315	325	370	231	40	175	185	500	895	348 / 327*	320	662
11	1105	370	385	430	263	50	190	225	545	1010	397 / 342*	380	795
12	1260	370	385	430	263	50	190	225	615	1080	397 / 342*	380	795

规格 Size	尺寸 mm 减速机 mm Dimensions in mm Gear units											
	m1	m3	n1	n2	s	L1 5)		L3	L4	L5	L6	D 5)	
4	355	180	105	85	19	479	474*	125	447	137	132	132	132*
5	430	220	105	100	19	528	523*	125	536	165	140	160	150*
6	510	220	105	145	19	528	523*	125	536	165	140	160	150*
7	545	260	120	130	24	636	636*	125	693	210	180	195	190*
8	650	260	120	190	24	636	636*	125	693	210	180	195	190*
9	635	320	145	155	28	743	723*	175	674	255	212	230	210*
10	735	320	145	205	28	743	723*	175	674	255	212	230	210*
11	775	370	165	180	35	869	849*	225	806	315	265	280	210*
12	930	370	165	265	35	869	849*	225	806	315	265	280	210*

规格 Size	尺寸 mm 输出轴 Dimensions in mm Output shaft									润滑油 lubrication		重量 weight	
	EB3SH			EB3HH		EB3DH				EKF	EB3	EKF 3)	EB3/EKF 4)
	d2 1)	G2	l2	D2	G4	D3	D4	G4	G5	(L)	(L)	(kg)	(kg)
4	80	140	170	80	140	85	85	140	205	3	10	50	283
5	100	165	210	95	165	100	100	165	240	3.6	16	66	424
6	110	165	210	105	165	110	110	165	240	3.6	17	66	479
7	120	195	210	115	195	120	120	195	280	6	30	98	689
8	130	195	250	125	195	130	130	195	285	6	33	98	774
9	140	235	250	135	235	140	145	235	330	11.9	45	150	1105
10	160	235	300	150	235	150	155	235	350	11.9	48	150	1235
11	170	270	300	165	270	165	170	270	400	21.5	79	248	1821
12	180	270	300	180	270	180	185	270	405	21.5	84	248	2096

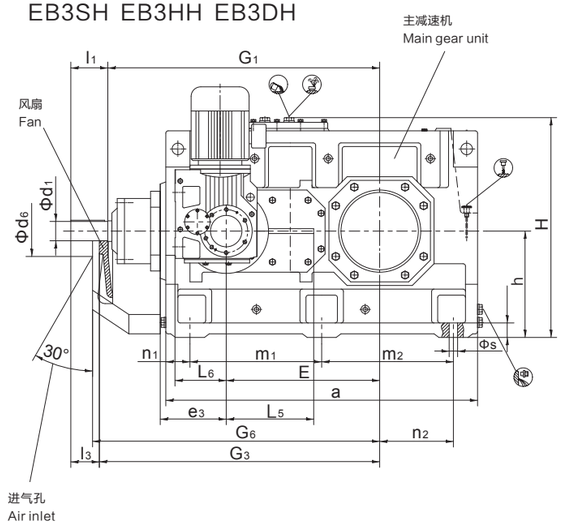
3)EKF减速机电机重量(不含润滑油重量),其余相关数据详见82页。
4)主减速机与辅传减速电机电机组合总重量(不含润滑油重量);
5)不带*列为采用国产逆止器、超越离合器时尺寸,带*列为采用国外逆止器、超越离合器时的尺寸。

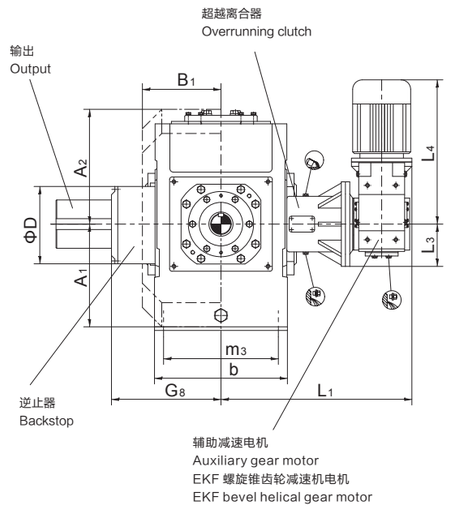
3)Weight of gear motor EKF (oil weight not included),other detailed data refer to Page 82.
4)Gross weight of combination of main gear unit and auxiliary gear motor(oil weight not included).
5)Without * is the dimension using domestic backstop and overrunning clutch and with * is the dimension using imported backstop and overrunning clutch.

直交轴齿轮箱 Bevel-helical gear units　三级传动 Three Stage　带辅传 with Auxiliary Drive　载荷驱动 Load Drive

类型 TYPES EB3...
规格 SIZES 13...18

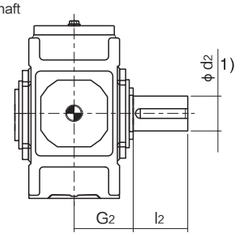
EB3SH EB3HH EB3DH



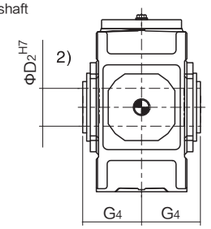


★ 输出轴 Output Shaft

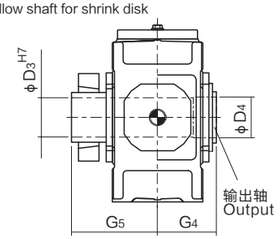
EB3SH
实心轴
Solid shaft



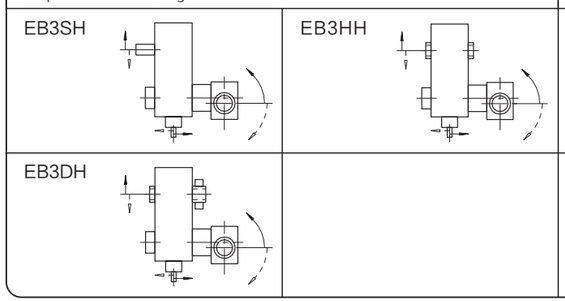
EB3HH
空心轴
Hollow shaft



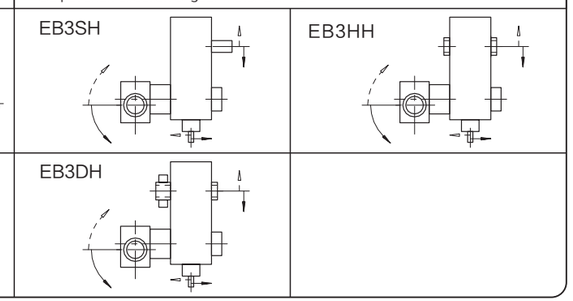
EB3DH
带胀紧盘的空心轴
Hollow shaft for shrink disk



主减速机EB布置形式: D
齿轮减速电机EKF输出轴方向: A
Design of main gear unit EB: D
Output shaft direction of gear motor EKF: A



主减速机EB布置形式: B
齿轮减速电机EKF输出轴方向: B
Design of main gear unit EB: B
Output shaft direction of gear motor EKF: B



1)k6≤Φ50 m6>Φ50
有关平键 GB/T1095-1979型和中心孔,参见第321-322页。 For parallel key GB/T1095-1979 and for center hole,see page 321-322.
2)键槽 GB/T1095-1979 Keyway GB/T1095-1979.
*)仅当采用国外超越离合器时加注润滑油,若采用国产逆止器、超越离合器时则加注润滑脂。
*)Fill lubrication only when selecting imported overrunning clutch,if domestic backstop and overrunning clutch are used please fill grease.

直交轴齿轮箱 Bevel-helical gear units　三级传动 Three Stage　带辅传 with Auxiliary Drive　载荷驱动 Load Drive

类型 TYPES EB3...
规格 SIZES 13...22

规格 Size	辅传减速电机 Auxiliary gear motor	尺寸mm Dimensions in mm 输入轴 Input shaft																		G_1	G_3
		i_N=25-45			i_N=25-50			i_N=25-56			i_N=50-71			i_N=56-71			i_N=63-71				
		d_1[1]	l_1	l_3	d_1[1]	l_1	l_3	d_1[1]	l_1	l_3	d_1[1]	l_1	l_3	d_1[1]	l_1	l_3	d_1[1]	l_1	l_3		
13	EKF107-Y18.5-27.33	80	165	130							60	140	105							1125	1160
14	EKF107-Y18.5-27.33							80	165	130							60	140	105	1195	1230
15	EKF127-Y30-24.91	90	165	130							70	140	105							1367	1402
16	EKF127-Y30-24.91				90	165	130							70	140	105				1413	1448
17	EKF127-Y37-24.91	110	205	165							80	170	130							1560	1600
18	EKF127-Y37-24.91				110	205	165							80	170	130				1620	1660

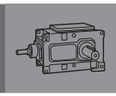
规格 Size	尺寸mm 减速机mm Dimensions in mm Gear units													
	a	A_1	A_2	b	B_1	c	d_6	e_3	E	G_6	$G8^{5)}$		h	H
13	1290	425	475	550	325	60	210	265	635	1180	453	433*	440	900
14	1430	425	475	550	325	60	210	265	705	1250	453	433*	440	900
15	1550	485	520	625	365	70	210	320	762	1420	500	476*	500	1000
16	1640	485	520	625	365	70	210	320	808	1470	500	476*	500	1000
17	1740	535	570	690	395	80	230	370	860	1620	532	508*	550	1100
18	1860	535	570	690	395	80	230	370	920	1680	532	508*	550	1100

规格 Size	尺寸mm 减速机mm Dimensions in mm Gear units													
	m_1	m_2	m_3	n_1	n_2	s	$L1^{5)}$		L_3	L_4	L_5	L_6	$D^{5)}$	
13	545	545	475	100	305	35	1024	986*	225	934	362	315	320	290*
14	545	685	475	100	375	35	1024	986*	225	934	362	315	320	290*
15	655	655	535	120	365	42	1181	1161*	275	1048	443	375	400	290*
16	655	745	535	120	410	42	1181	1161*	275	1048	443	375	400	290*
17	735	735	600	135	390	42	1223	1203*	275	1068	520	375	400	290*
18	735	855	600	135	450	42	1223	1203*	275	1068	520	375	400	290*

规格 Size	尺寸mm 输出轴 Dimensions in mm Output shaft									润滑油 lubrication		重量 weight	
	EB3SH			EB3HH		EB3DH				EKF	EB3	EKF[3)]	EB3/EKF[4)]
	$d2^{1)}$	G2	l2	D2	G4	D3	D4	G4	G5	(L)	(L)	(kg)	(kg)
13	200	335	350	190	335	190	190	335	480	35	130	286	2666
14	210	335	350	210	335	210	215	335	480	35	140	286	3036
15	230	380	410	230	380	230	235	380	550	55	210	478	4208
16	240	380	410	240	380	240	245	380	550	55	220	478	4438
17	250	415	410	250	415	250	260	415	600	55	290	478	5468
18	270	415	470	275	415	280	285	415	600	55	300	478	5973

3)EKF减速机电机重量(不含润滑油重量),其余相关数据详见82页。
4)主减速机与辅传减速机电机组合总重量(不含润滑油重量);
5)不带*列为采用国产逆止器、超越离合器时尺寸,带*列为采用国外逆止器、超越离合器时的尺寸。

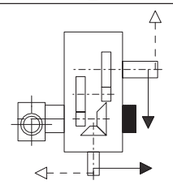
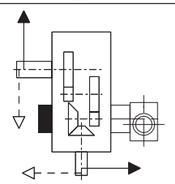
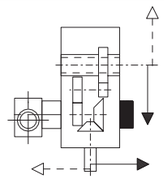
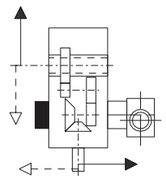
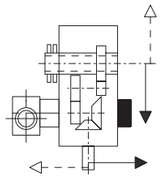
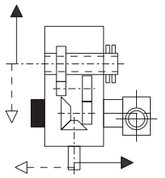
3)Weight of gear motor EKF (oil weight not included),other detailed data refer to Page 82.
4)Gross weight of combination of main gear unit and auxiliary gear motor(oil weight not included).
5)Without * is the dimension using domestic backstop and overrunning clutch and with * is the dimension using imported backstop and overrunning clutch.



直交轴齿轮箱 **逆止器**
Bevel-helical gear units **Backstops**

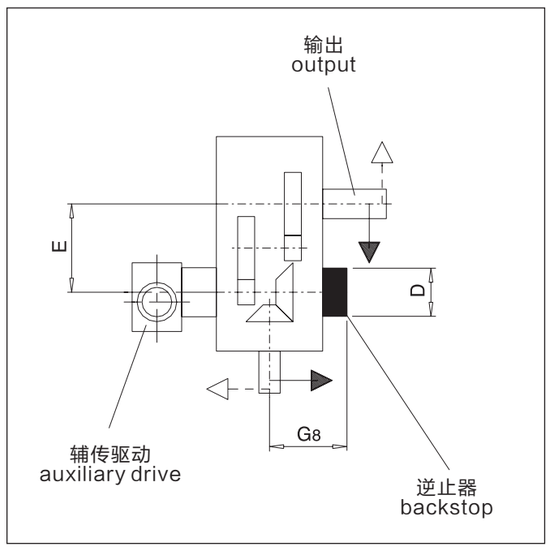
类型 TYPES EB3...
规格 SIZES 4...18

标准逆止器布置及输入输出转向关系
Standard backstop arrangement and dependence of direction of rotation

类型 Type	布置形式 Design	
	B	D
EB3SH		
EB3HH		
EB3DH		

型号/types EB3.H

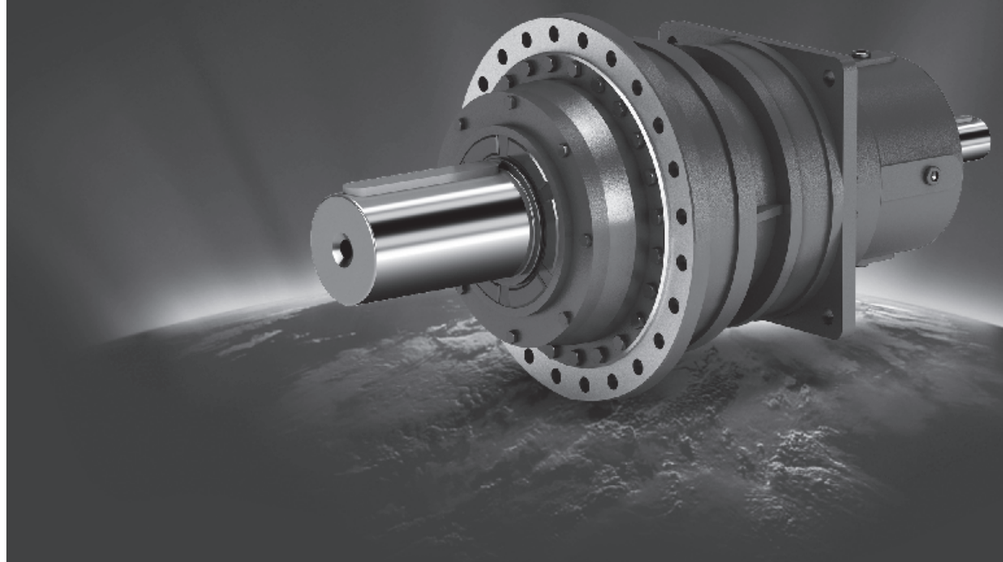
规格 Sizes	E mm	G8 mm		D mm	
4	270	193	188*	132	132*
5	315	218	213*	150	160*
6	350	218	213*	150	160*
7	385	273	266*	190	195*
8	430	273	266*	190	195*
9	450	347	327*	210	230*
10	500	347	327*	210	230*
11	545	397	342*	210	280*
12	615	397	342*	210	280*
13	635	453	433*	290	320*
14	705	453	433*	290	320*
15	762	500	476*	290	400*
16	808	500	476*	290	400*
17	860	532	508*	290	400*
18	920	532	508*	290	400*



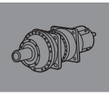
注：不带*列为采用国产逆止器、超越离合器时尺寸，带*列为选用国外逆止器、超越离合器时尺寸。
Note: Without * is the dimension using domestic backstop and overrunning clutch and with * is the dimension using imported backstop and ocerrunning clutch.

*EQ Series

行星齿轮减速机
Planetary Gear Reducer



EVERGEAR



① 概述 Overview:

1.EQ系列是一种具有一个或两个自由度轮系的齿轮减速机。
2.设计模块化，可灵活变化组合类型。
3.体积小、重量轻、传动比范围大、效率高、工作平稳。
4.箱体采用高刚性及高抗震性的球墨铸铁材料。
5.输入方式：同轴式、平行轴式、直交轴式、直交平行轴式。
6.输出方式：胀紧盘空心轴渐开线花键空心轴（DIN标准），渐开线花键空心轴（国标），平键实心轴，渐开线花键实心轴（DIN标准），渐开线花键实心轴（国标）。

1.EQ series is a kind of gear speed reducer with one or two free wheels.
2.Combination types can be freely changed with Modulized Design.
3.Small volume, light weight, large range of transmission ratio, high efficiency and stable operation.
4.The tank body is made of ductile iron of high rigidity and high anti-shock performance.
5.Input mode: coaxial type, parallel shaft type,right angle shaft type, right angle parallel shaft type.
6.Output mode: expansion plate hollow shaft, involute spline hollow shaft(DIN standard), involute spline hollow shaft(national standard), flat key solid shaft, involute spline solid shaft(DIN standard), involute Spline solid shaft(national standard).

② 场所条件 Working Environment:

1.环境温度-40℃-50℃。（0℃以下启动时润滑油需加热到0℃以上。）
2.海拔不超过1000米。
3.相对湿度85%以下。
4.输入转速不大于1800r/min。
5.可用于正反运转。
6.无行业限制。
7.其它条件下请与我们联系。

1.Working temperature:-40℃-50℃(The lubrication should be heated until above 0℃ if the machine works blow 0℃.)
2.The working place should be lower than 1,000 meters above sea level.
3.Relative humidity: less than 85%.
4.The input rotational speed should not exceed 1800r/min.
5.Suitable for normal-reverse rotation.
6.Without industry limitation.
7.Please consult us for other circumstances.

③ 选型指南 Instructions for Selection

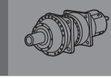
EQ系列减速机的选用须从机械强度及热平衡容量两项内容进行校核。
During the selection of EQ series speed reducer, verification to mechanical strength and thermal balance capacity shall be made.

1.传动比计算 Calculation of transmission ratio

$$i = \frac{n_1}{n_2}$$

式中 In the formula

i	所需传动比 Required transmission ratio
n_1	输入转速r/min Input rotation speed r/min
n_2	输出转速r/min Output rotation speed r/min



2.减速机规格确定 Confirmation of speed reducer specification

a.所需输入功率计算 Calculation of requird input power

$$P_1 = \frac{T_2 \times n_1}{9550 \times i \times \eta}$$

式中 In the formula

P_1	所需输入功率（kw） Required input power(kw)
T_2	所需输出转柜（N·m） Output torque(N·m)
η	传动效率 Transmission efficiency

型号Type	EQ2N	EQ2L	EQ2S	EQ2K	EQ3N	EQ3S	EQ3K
传动效率(η)Transmission efficiency	94%	93%	93%	91%	92%	91%	89%

b.所需输出转矩计算 Calculation of required output torque

$$T_2 \leqslant \frac{T_{N2}}{f_1 \times f_2}$$

式中 In the formula

T_{N2}	额定输出转矩（N·m） Rated output torque（N·m）
T_2	所需输出转矩（N·m） Required output torque（N·m）
f_1	输出被驱动设备系数 见表 2 Coefficient of output driven device See the table 2
f_2	输入原动机系数 见表 1 Coefficiend of input prime mover See the table 1

c.所需输入功率校核 Verification of required input power

$$P_{N1} \geqslant P_1 \times f_1 \times f_2$$

若$3.33 \times P_1 \geqslant P_{N1}$则符合要求，反之则咨询我们。
If $3.33 \times P_1 \geqslant P_{N1}$, the requirement is met.Otherwise, please consult us.

式中 In the formula

P_{N1}	额定输入功率（kw） Rated input power（kw）
P_1	所需输入功率（kw） Requird input power（kw）

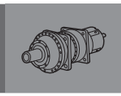
3.峰值转矩校核 Check for maximum torque

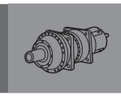
$$T_{max} \leqslant \frac{P_1 \times 9550}{n_1 \times f_{max}}$$

式中 In the formula

T_{max}	最大输入转矩（N·m） Maximum input torque（N·m）
f_{max}	最大转矩系数见下表 Maximum torque coefficient See the table

载荷种类 Type of loading ＼ 每小时峰值负荷次数 Per hour maximum torque times	最大转矩系数 Coeffcient of maximum torque			
	1–5	6–30	31–100	>100
单项载荷 Single direction load	0.5	0.65	0.7	0.85
交变载荷 Bending load	0.7	0.95	1.1	1.25





4.输出轴径向力校核（F_r）
Verification of radial force of output shaft(F_r)

EQ 系列 F_{r2}(N) 表:
EQ series F_{r2}(N) table:

n_1 (r/min)	n_{2N}	i_N	F_{r2}(N)													
			9	10	11	12	13	14	16	17	18	19–20	21–22	23–24	25–26	27–28
1450	58.0	25	9538	23353	32518	42407	34737	41183	72297	64454	69713	70477	99136	99347	123583	126071
	51.8	28	9905	24252	33770	44039	36075	42768	75080	66935	72396	73190	102952	103171	128341	130925
	46.0	31.5	10302	25223	35122	45803	37519	44481	78086	69616	75295	76121	107075	107302	133480	136167
	40.8	35.5	10720	26249	36550	47665	39044	46289	81261	72446	78356	79215	111428	111665	138907	141703
	36.3	40	11155	27314	38033	49599	40629	48167	84559	75386	81536	82430	115950	116196	144544	147454
	32.2	45	11602	28408	39556	51585	42256	50096	87945	78404	84801	85731	120593	120849	150332	153358
	29.0	50	12017	29423	40970	53429	43766	51887	91088	81207	87832	88795	124903	125169	155705	158840
	25.9	56	12479	30556	42547	55486	45451	53884	94595	84333	91214	92214	129712	129988	161700	164955
	23.0	63	12979	31779	44251	57708	47271	56042	98383	87710	94866	95906	134906	135193	168175	171560
	20.4	71	13507	33071	46050	60054	49193	58320	102382	91276	98723	99805	140390	140689	175011	178534
	18.1	80	14055	34413	47919	62491	51189	60687	106537	94980	102729	103856	146088	146398	182114	185780
	16.1	90	14618	35791	49838	64993	53239	63117	110803	98783	106843	108014	151937	152260	189406	193219
	14.5	100	15140	37071	51619	67316	55142	65373	114764	102314	110662	111875	157368	157703	196176	200125
	12.9	112	15723	38498	53606	69908	57265	67890	119182	106253	114922	116182	163427	163774	203729	207830
	11.6	125	16309	39933	55605	72514	59400	70421	123626	110215	119207	120514	169520	169880	211325	215578
	10.4	140	16937	41471	57746	75306	61687	73132	128385	114458	123796	125153	176046	176420	219460	223878

备注：各规格更低的输出转速按以上最大的F_{r2}值。
Note:If there is lower output speed, please choose the maximum F_{r2} in above table.

5.功率利用率计算
Calculation of power utilization rate

$$\text{功率利用率 Power utilization rate} \leqslant \frac{P_1}{P_{N1}} \times 100\%$$

式中
In the formula

P_1	所需输入功率（kw） Required input power（kw）
P_{N1}	额定输入功率（kw） Rated input power（kw）

6.功率利用率系数确定f_P
Confirmation coefficient of power utilization rate f_P

功率利用率系数 Coefficient of power utilization rate / Power utilization rate 功率利用率	30%	40%	50%	60%	70%	80%	90%	100%
f_P	0.66	0.77	0.83	0.90	0.90	0.95	1.0	1.0

7.热功率校核
Verification of thermal power

$$P_1 \leqslant P_G$$

$$P_G = P_{G1} \times f_3 \times f_P$$

式中
In the formula

P_1	所需输入功率（kw） Required input power（kw）
P_G	所需热功率（kw） Required thermal power（kw）
P_{G1}	额定热功率（kw）见热功率表 Rated thermal power（kw）See the thermal power table

每小时工作周期 Working cycle per hour / Ambient temperature 环境温度		10℃	20℃	30℃	40℃	50℃
环境温度系数 Ambient temperature factor (f_3)	100%	1.14	1.00	0.87	0.71	0.55
	80%	1.20	1.06	0.93	0.75	0.58
	60%	1.32	1.16	1.00	0.82	0.64
	40%	1.54	1.35	1.18	0.96	0.74
	20%	2.04	1.79	1.56	1.27	0.98

8.最后根据输入、输出方式安装方位等内容确定准确型号。
Finally confirm the accurate model according to such contents as input and output modes, and installation position.

9.符号说明
Symbol description

T_{max}	最大输入转矩（N.m） Maximum input torque（N.m）
F_{r2}	允许径向力（N） permissible radial forces（N）
P_{G1}	不带辅助冷却装置齿轮箱热功率（kw） Thermal capacity for gear units without auxiliary cooling（kw）
f_P	设备功率利用率系数 Utilization factor
f_3	环境温度系数 Ambient temperature factor
f_{max}	最大扭矩系数 Maximum torque coefficient
f_2	原动机系数 Driven factor
f_1	被驱动设备系数 Driven machine factor
ED	每小时工作周期 Working cycle per hour
i	所需传动比 Requied ratio
n_1	输入转速（r/min） Input speed（r/min）
n_2	输出转速（r/min） Output speed（r/min）
P_1	所需输入功率（kw） Requied input power（kw）
T_2	所需输出转矩（N.m） Requied output torque（N.m）
η	传动效率（%） Efficiency（%）
T_{N2}	额定输出转矩（N.m） Nominal output torque（N.m）
P_{N1}	额定输入功率（kw） Nominal input power（kw）
P_G	所需热功率（kw） Requied thermal power（kw）

EQ

EQ

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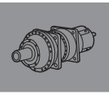
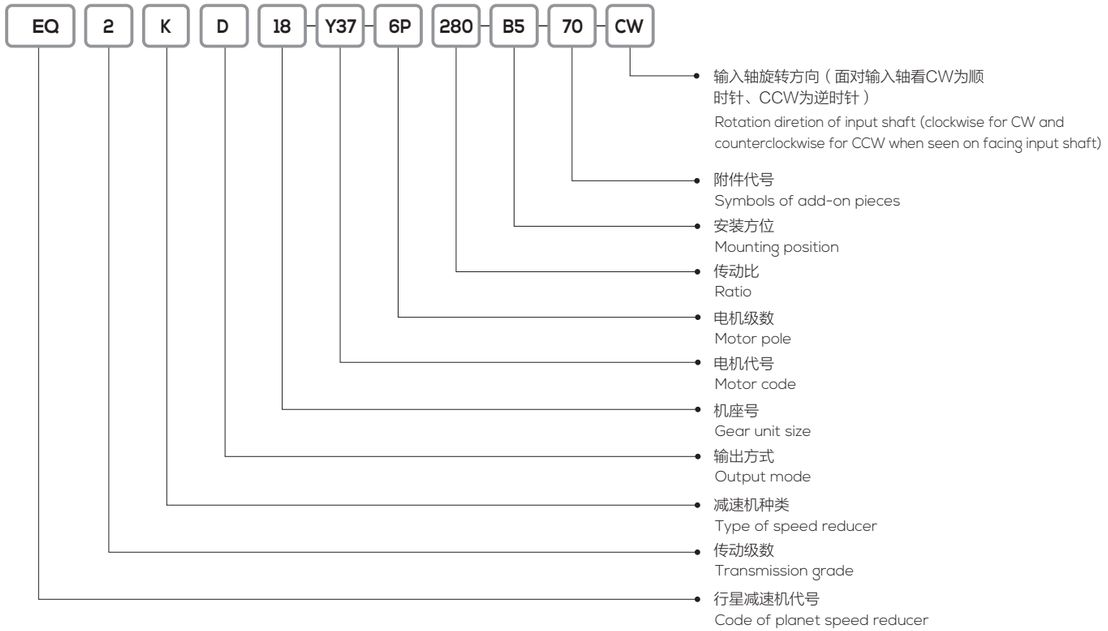


④ 型号说明 Model explanation



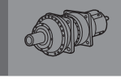
1.传动级数：2级或3级
Transmission grade:level 2 or level 3

2.减速机种类：
Type of speed reducer:

N	同轴式 Coaxial type
L	直交轴式 Right angle shaft type
S	平行轴式 Parallel shaft type
K	直交、平行轴式 Right angle parallel shaft type

3.输出方式：
Output mode:

D	胀紧盘空心轴 Hollow shaft with shrink disk
S	平键实心轴 Flat key solid shaft
KH	渐开线花键空心轴（DIN标准） Hollow shaft with involute spline(DIN standard)
KS	渐开线花键实心轴（DIN标准） Involute spline solid shaft（DIN standard）
KHG	渐开线花键空心轴（国标） Hollow shaft with involute spline（national standard）
KSG	渐开线花键实心轴（国标） Involute spline solid shaft（national standard）



⑤ 选型示例 Example of model selection

已知一煤炭输送设备，输入转速为1500r/min，最大起动转矩为95N·m，输出转矩为10500N·m，输出转速为5.6r/min，每天工作12小时，每小时起动次数为8次，每小时工作周期ED=60%，环境温度为35℃，通风大车间安装水平法兰安装，偏心平行轴输入胀紧盘空心轴输出。

Known the coal conveying device with input rotation speed 1500r/min, maximum starting torque 95N·m, output torque 10500N·m, output rotation speed 5.6r/min, working hours per day 12 hours, starting times per hour 8 times, working cycle per hour ED=60%, ambient temperature 35℃, ventilating large workingshop installation level, flange installation, eccentric parallel shaft input and expansion plate hollow shaft output.

解 Solution

1.传动比计算 Calculation of transmission ratio

$$i = \frac{n_1}{n_2} = \frac{1500}{5.6} = 267.86$$

则选类型为EQ3S i=280
Then the model is selected as EQ3S i=280

2.减速机规格确定 Confirmation of speed reducer specification

a.所需输入功率计算 查表 η=0.91
a.Calculation of required input powerCheck the tablen=0.91

$$P_1 = \frac{T_2 \times n_1}{9550 \times i \times \eta} = \frac{10500 \times 1500}{9550 \times 280 \times 0.91} = 6.47kw$$

b.所需输出转矩计算
b.Calculation of required output torque

$$T_{N2} \geqslant T_2 \times f_2 \times f_1 = 10500 \times 1.5 \times 1 = 15.75kN \cdot m$$

c.所需输入功率校核
c.Verification of required input power

$$P_{N1} \geqslant P_1 \times f_2 \times f_1 = 6.47 \times 1.5 \times 1 = 9.7kw$$

初选 EQ3SD9-280-B53
Primary selection EQ3SD9-280-B53

$$3.3 \times P_1 = 3.3 \times 6.47 = 21.31kw > P_{N1} = 13.5kw$$ 故合格 So qualified

3.热功率校核 Verification of thermal power

$$\text{功率利用率 Power utilization rate} = \frac{P_1}{P_{N1}} \times 100\% = \frac{6.47}{13.5} \times 100\% = 47.9\%$$

则功率利用率系数f_P=0.77 查f_3=1
Then the coefficient of power utilization rate f_P=0.77 Check f_3=1

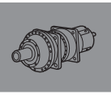
减速机不带辅助冷却装置时
When the speed reducer is not provided with auxiliary cooling device

$$P_G = P_{G1} \times f_3 \times f_P = 23 \times 0.77 \times 1 = 17.71kw > P_1$$

故无须加装辅助冷却装置就可满足要求。
So the requirement can be met without the need of adding auxiliary cooling device.

4.润滑方式 Lubricating mode

飞溅润滑 Spattering lubrication
后选减速器型号为 Then select the model of the speed reducer as **EQ3SD9 – 280 – B53**



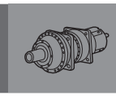


表1 工作机系数 f_1 Table 1 Factor for driven machine f_1

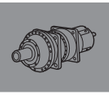
工作机	Driven machines	日带载运行时间（小时）		
		≤0.5	>0.5-10	>10
污水处理	Waste water treatment			
浓缩器(中心传动)	Thickeners (central drive)	–	–	1.2
压滤机	Filter presses	1.0	1.3	1.5
絮凝器	Flocculation apparata	0.8	1.0	1.3
曝气机	Aerators	–	1.8	2.0
搂集设备	Raking equipmen	1.0	1.2	1.3
纵向、回转组合式搂集装置	Combined longitudi-nal and rotary rakes	1.0	1.3	1.5
预浓缩器	Pre-thickeners	–	1.1	1.3
螺杆泵	Screw pumps	–	1.3	1.5
水轮机	Water turbines	–	–	2.0
泵	Pumps			
离心泵	Centrifugal pumps	1.0	1.2	1.3
容积式泵	Positive-displace- ment pumps			
1个活塞	1 piston	1.3	1.4	1.8
>1个活塞	>1 piston	1.2	1.4	1.5
挖泥机	Dredgers			
斗式输送机	Bucket conveyors	–	1.6	1.6
倾卸装置	Dumping devices	–	1.3	1.5
履带式行走机构	Carterpillar travel-ling gears	1.2	1.6	1.8
斗轮式挖掘机	Dredgers			
用于料堆捡拾	Bucket wheel excavators	–	1.7	1.7
用于原生岩土	As pick-up	–	2.2	2.2
采掘机机头	For primitive material Cutter heads	–	2.2	2.2
采掘臂回转*	Slewing gears*	–	1.4	1.8
弯板机*	Plate bending machines*	–	1.0	1.0
化学工业	Chemical industry			
挤出机	Extruders	–	–	1.6
调浆机	Dough mills	–	1.8	1.8
橡胶研光机	Rubber calenders	–	1.5	1.5
冷却圆筒	Gaoling drums	–	1.3	1.4
混匀机，用于	MIxers for			
均匀介质	Uniform media	1.0	1.3	1.4
非均匀介质	Non-uniform media	1.4	1.6	1.7
搅拌机，用于	Agitators for me-dia with			
均匀介质	Uniform density	1.0	1.3	1.5
非均匀介质	Non-uniform density	1.2	1.4	1.6
不均匀气体吸收	Non-uniform gas absorption	1.4	1.6	1.8
烘炉	Toasters	1.4	1.3	1.5
离心机	Centrifuges	1.0	1.2	1.3
金属加工设备	Metal working mills			
翻板机	Plate filter	1.0	1.0	1.2
推钢机	Ingot pushers	1.0	1.2	1.2
绕线机	Winding machines	–	1.6	1.6
冷床横移架	Cooling bed transfer frames	–	1.5	1.5
辊式矫直机	Roller straighteners	–	1.6	1.6
轨道	Roller tables			
连续式	Continuous	–	1.5	1.5
间歇式	Intermittent	–	2.0	2.0
可逆式轧管机	Reversing tube mills	–	1.8	1.8
剪切机	Shears			
连续式*	Continuous*	–	1.5	1.5
曲柄式*	Crank type*	1.0	1.0	1.0
连铸机驱动装置*	Continuous casting drivers*	–	1.4	1.4

工作机	Driven machines	日带载运行时间（小时）		
		≤0.5	>0.5-10	>10
轧机	Rolls			
可逆式开还机	Reversing blooming mills	–	2.5	2.5
可逆式板还轧机	Reversing stabbing mills	–	2.5	2.5
可逆式线材轧机	Reversing wire mills	–	1.8	1.8
可逆式薄板轧机	Reversing sheet mills	–	2.0	2.0
可逆式中厚板轧机	Reversing plate mills	–	1.8	1.8
辊缝调节驱动装置	Roll adjustment drives	0.9	1.0	–
输送机械	Conveyors			
斗式输送机	Bucket conveyors	–	1.4	1.5
绞车	Hauling winches	1.4	1.6	1.6
卷扬机	Hoists	–	1.5	1.8
皮带输送机≤150 kW	Belt conveyors≤150 kW	1. 0	1.2	1.3
皮带输送机≥150 kW	Belt conveyors≥150 kW	1. 1	1.3	1.4
货用电梯*	Goods lifts*	–	1.2	1.5
客用电梯*	Passenger lifts*	–	1.5	1.8
刮板式输送机	Apron conveyors	–	1.2	1.5
自动扶梯	Escalators	1.0	1.2	1.4
轨道行走机构	Frequency converters	–	1.5	–
柱塞式压缩机	Reciprocating compressors	–	1.8	1.9
起重机械	Cranes			
回转机构* *	Slewing gears* *	1.0	1.4	1.8
俯仰机构* *	Luffing gears* *	1.0	1.1	1.4
行走机构* *	Travelling gears* *	1.1	1.6	2.0
起升机构* *	Hoisting gears* *	1.0	1.1	1.4
转臂式起重机* *	Derricking jib cranes* *	1.0	1.2	1.6
冷却塔	Cooling towers			
冷却塔风扇	Cooling tower fans	–	–	2.0
风机(轴流和离心式)	Blowers (axial and radial)	–	1.4	1.5
蔗糖生产	Cane sugar production			
甘蔗切碎机	Cane knives	–	–	1.7
甘蔗碾磨机	Cane mills	–	–	1.7
甜菜糖生产	Beet sugar production			
甜菜绞碎机	Beet cossettes macerators	–	–	1.2
榨取机	Extraction plants	–	–	1.4
机械制冷机	Mechanical refrigerators	–	–	1.4
蒸煮机	Juice boilers	–	–	1.4
甜菜清洗机	Sugar beet washing machines,	–	–	1.4
甜菜切碎机	Sugar beet cutters	–	–	1.5
造纸机械	Paper machines			
各种类型	Of all kind	–	1.8	2.0
碎浆机驱动装置 (敬请垂询)	Pulper drives (on request)	–	2	2.25
离心式压缩机	Centrifugal compressors	–	1.4	1.5
索道缆车	Cableways			
运货索道	Material ropeways	–	1.3	1.4
往复式空中索道	To-and-fro system	–	1.6	1.8
拖牵式索道	Aerial ropeways	–	1.3	1.4
循环式索道	T-bar lifts ropeways	–	1.4	1.6
水泥工业	Cement industry			
混凝土搅拌机	Concrete mixers	–	1.5	1.5
破碎机	Breakers	–	1.2	1.4
回转窑	Rotary kilns	–	–	2.0
管式磨机	Tube mills	–	–	2.0
选粉机	Separators	–	1.6	1.6
辊压机	Roll crushers	–	–	2.0

工作机额定功率P2的确定：*)按最大扭矩确定额定功率；**)检验热功率是绝对必要的。

表2 输入原动机系数表 f_2 Table 2 Coefficient table of input prime mover f_2

输入方式 Input mode	电机、液压马达、汽轮机 Electric motors, hydraulic motors,burbines	4-6缸活塞发动机 Piston engines 4-6 cylinders	1-3缸活塞发动机 Piston engines 1-3 cylinders
输入系数f_2 Input coefficient f_2	1.0	1.25	1.5

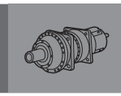


安装方位
Identifications of shaft arrangements:

水平安装 Horizontal gear unit position			垂直安装 *) Vertical gear unit position	
同轴式 Coaxial	EQ.N.	B5	V1	V3
平行轴式 Parallel shaft type	EQ.S.	*) B51	V11	V31
		B52		
		B53		
		B54		
直交 平行轴式 Right angle parallel shaft type	EQ.K.	*) B51	V11	V31
		B52		
		B53		
		B54		
直交轴式 Right angle shaft type	EQ.L.	*) B51	V11	V31
		B52		
		B53		
		B54		
扭力臂安装 Install-ation of torque arm		A51 A52		
		A53 A54		
		A55 A56		

*) 对于B51、V1、V3、V11、V31安装方位时，需考虑齿轮箱的润滑，请与我们联系。

*) For installation positions of B51, V1, V3, V11, V31, if it is necessary to consider the lubrication of gear box, please contact us.



附件
Add-on piece

代号 code	附件 Add-on piece		示例 Representation
99	无附件 Without add-on piece		
96	减速器底座 Gear housing base	见398页 See page 398	
70	电机钟形支座 Motor bell housing	见405-410页 See page 405-410	
71	电机托架 Motor bracket	见402页 See page 402	
72	电机支架 Motor bracket	见402页 See page 402	
73	摆动底座 Motor swing-base		
74	钟形支座(输出) Bell housing(output)		
75	扭矩支撑臂(一端) Torque reaction arm (on one sides)	见399页 See page 399	
76	扭矩支撑臂(二端) Torque reaction arm (on two sides)	见400页 See page 400	
77	扭力轴支撑 Torsion shaft support	见401页 See page 401	
87	立式安装补偿油箱 Oil Compensating Tank for Vertical Mounting Positionort	见403页 See page 403	

EQ

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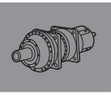
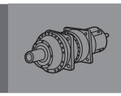
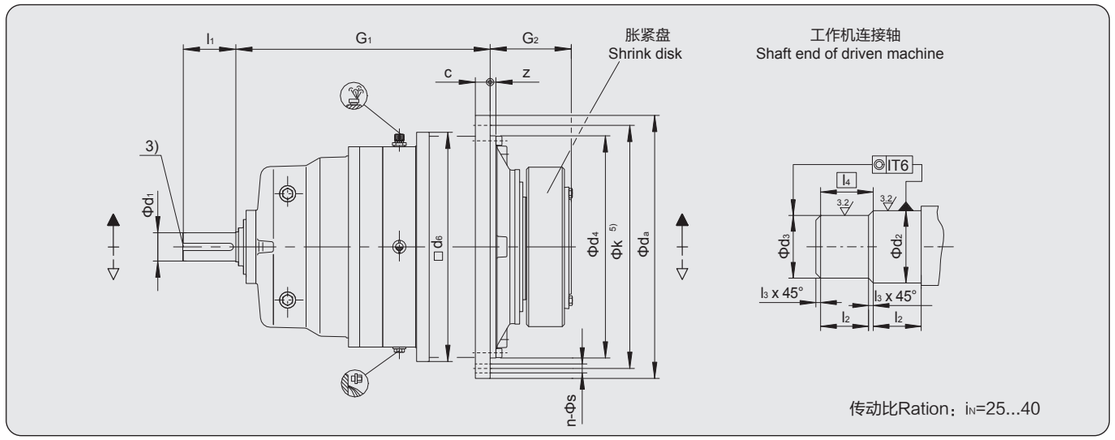




EQ系列行星减速器外型尺寸图及传动能力表
EQ Series Planetary gear units outline dimension sheet and transmission capacity

类型 TYPES EQ2ND

规格 SIZES 9...36



EQ2ND 机座号 Size	额定输出扭矩 output torque T_{2N} (N·m)	输入轴尺寸 Input shaft dimension		工作机连接轴 Shaft end of driven machine					c	d_a	d_4 h7	d_6	G_1	G_2	k	Z	法兰孔 Flange bolts		2) 重量 Weight (kg)	油量 Oil quantity (l)
		d_1 1)	l_1	d_2 4) g6	d_3 4) g6	l_2	l_3	l_4									孔径 Diameters	数量 Qty. n		
9	22000	55	90	120	115	65	2.5	67.5	24	428	350	356	469	165	388	6	18	24	145	6
10	31000	55	90	130	125	70	2.5	72.5	28	472	394	400	489	174	436	8	18	28	195	8
11	42000	70	120	140	135	82.5	2.5	85.0	32	525	425	436	579	204	485	8	22	20	280	12
12	60000	70	120	160	155	90	2.5	92.5	34	605	495	510	593	224	555	9	26	20	425	16
13	83000	80	140	180	175	95	2.5	97.5	39	645	535	554	714	241	595	11	26	24	540	20
14	117000	80	140	210	205	105	2.5	107.5	42	720	610	629	737	278	665	9	26	32	805	32
16	160000	95	160	230	225	110	2.5	112.5	44	770	660	680	851	285	715	10	26	26	1030	40
17	202000	95	160	250	245	120	2.5	122.5	50	895	750	775	877	294	830	10	33	24	1500	56
18	244000	110	180	260	255	120	2.5	122.5	50	930	785	815	1006	303	865	10	33	32	1900	66
19	295000	110	180	280	275	135	2.5	137.5	56	980	840	870	1029.5	327.5	915	12	33	36	2000	82
20	354000	110	180	300	295	135	2.5	137.5	56	980	840	870	1029.5	327.5	915	12	33	36	2100	75
21	392000	120	210	310	305	152	2.5	154.5	62	1115	935	960	1046	354	1025	24	39	32	2650	110
22	450000	120	210	330	325	152	2.5	154.5	62	1115	935	960	1046	354	1025	24	39	32	2800	95
23	513000	130	210	350	345	164	2.5	166.5	68	1210	1025	1056	1150	380	1120	28	39	36	3450	150
24	592000	130	210	360	355	164	2.5	166.5	68	1210	1025	1056	1150	380	1120	28	39	36	3900	125
25	684000	140	240	380	375	180	2.5	182.5	74	1320	1115	1150	1241	407	1220	29	45	36	4750	190
26	763000	140	240	400	395	180	2.5	182.5	74	1320	1115	1150	1241	407	1220	29	45	36	5150	160
27	852000	150	240	430	425	191	2.5	193.5	81	1460	1215	1248	1379	453	1345	31	52	32	6100	245
28	950000	150	240	450	445	191	2.5	193.5	81	1460	1215	1248	1379	453	1345	31	52	32	6550	205
29	1060000	160	270	460	450	197.5	5	202.5	87	1565	1320	1355	1457	483	1450	34	52	36	7800	305
30	1200000	160	270	480	470	197.5	5	202.5	87	1565	1320	1355	1457	483	1450	34	52	36	8300	255
31	1330000	170	270	480	470	232	5	237.0	94	1665	1400	1443	1607	538	1545	36	62	32	10200	380
32	1500000	170	270	510	500	232	5	237.0	94	1665	1400	1443	1607	538	1545	36	62	32	10700	315
33	1680000	180	310	530	520	242	5	247.0	100	1755	1495	1536	1683	573	1635	36	62	36	12350	460
34	1920000	180	310	570	560	242	5	247.0	100	1755	1495	1536	1683	573	1635	36	62	36	13150	380
35	2240000	190	310	600	590	272	5	277.0	112	1945	1685	1720	1899	656	1825	40	62	40	17300	645
36	2600000	190	310	640	630	272	5	277.0	112	1945	1685	1720	1899	656	1825	40	62	40	18400	535

1) 当$d_1 \leqslant 100$时公差为m6, 当$d_1 > 100$时公差为n6
2) 不含胀紧盘与润滑油的重量
3) 有关平键(符合GB/T1095-1979)与中心孔请参390页
4) 当尺寸≤160时公差为h6
5) 孔的分布类型见389页

1) Shaft diameter $d_1 \leqslant 100$, tolerance m6, shaft diameter $d_1 > 100$, tolerance n6
2) Weight without shrink disk and oil
3) For parallel key (GB/T1095-1979) and centre hole see page 390
4) ≤160 h6
5) For hole pattern, see page 389

类型 TYPES EQ2N.

规格 SIZES 9...36

额定功率P_N Nominal power ratings (kW)

i_N	n_1	n_2	规格 Sizes																											
	1/min		9	10	11	12	13	14	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36
25	1500	60	137	193	261	373	516	728	995	1256	1517	1834	2201	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	1000	40	91	129	174	249	344	485	663	837	1012	1223	1468	1625	1866	2127	2454	2863	3163	3532	3938	4394	4975	5514	6218	6965	7960	9286	10779
	750	30	68	96	131	187	258	364	497	628	759	917	1101	1219	1399	1595	1841	2127	2372	2649	2954	3296	3731	4135	4664	5223	5970	6965	8084
28	1500	54	123	173	235	336	465	655	895	1131	1366	1651	1981	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	1000	36	82	116	157	224	310	437	597	754	910	1101	1321	1463	1679	1914	2209	2552	2847	3179	3544	3955	4477	4962	5597	6268	7164	8358	9701
	750	27	62	87	118	168	232	327	448	565	683	825	991	1097	1259	1436	1657	1914	2135	2384	2658	2966	3358	3722	4197	4701	5373	6268	7276
31.5	1500	48	109	154	209	298	413	582	796	1005	1214	1468	1761	1950	2239	2552	2945	3403	3796	4238	4726	5273	5970	6616	7462	8358	9551	11143	12934
	1000	32	73	103	139	199	275	388	531	670	809	978	1174	1300	1492	1701	1963	2268	2530	2826	3151	3515	3980	4411	4975	5572	6368	7429	8623
	750	24	55	77	104	149	206	291	398	502	607	734	881	975	1119	1276	1473	1701	1898	2129	2363	2637	2985	3308	3731	4179	4776	5572	6467
35.5	1500	42	96	135	183	261	361	509	696	879	1062	1284	1541	1706	1959	2233	2577	2977	3321	3709	4135	4614	5223	5789	6529	7313	8358	9750	11317
	1000	28	64	90	122	174	241	340	464	586	708	856	1027	1138	1306	1489	1718	1985	2214	2472	2757	3076	3482	3860	4353	4875	5572	6500	7545
	750	21	48	67	91	131	181	255	348	440	531	642	770	853	979	1117	1288	1489	1661	1854	2068	2307	2612	2895	3265	3656	4179	4875	5659
40	1500	38	87	122	165	236	327	461	630	796	961	1162	1394	1544	1772	2020	2331	2694	3005	3355	3741	4175	4726	5238	5907	6616	7562	8822	10240
	1000	25	57	80	109	155	215	303	415	523	632	764	917	1016	1166	1329	1534	1772	1977	2208	2461	2746	3109	3446	3886	4353	4975	5804	6737
	750	19	43	61	83	118	163	230	315	398	480	581	697	772	886	1010	1166	1347	1502	1678	1871	2087	2363	2619	2954	3308	3781	4411	5120

热功率P_{G1}★) Thermal capacities P_{G1}★) (kW)

安装类型 Settings	规格 Sizes																
	9	10	11	12	13	14	16	17	18	19/20	21/22	23/24	25/26	27/28	29/30	31/32	33/34	35/36
狭小空间 Small confined spaces 1)	21	26	32	42	49	65	75	92	100	119	142	174	201	242	287	326	366	437
室内大厅 大车间 Large halls workshops 2)	29	37	45	60	69	92	106	130	147	169	201	246	285	343	406	462	519	619
室外 In the open 3)	39	50	60	80	93	125	143	175	191	228	272	333	386	464	550	626	702	838

★）用于水平安装形式，其它安装形式请与我们联系。
1) 风速≥0.5 m/s
2) 风速≥1.4 m/s
3) 风速≥3.7 m/s

★) Values apply to horizontal mounting position, for other mounting positions please refer to us.
1) Wind velocity≥0.5 m/s
2) Wind velocity≥1.4 m/s
3) Wind velocity≥3.7 m/s

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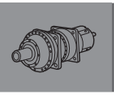
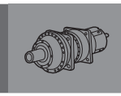
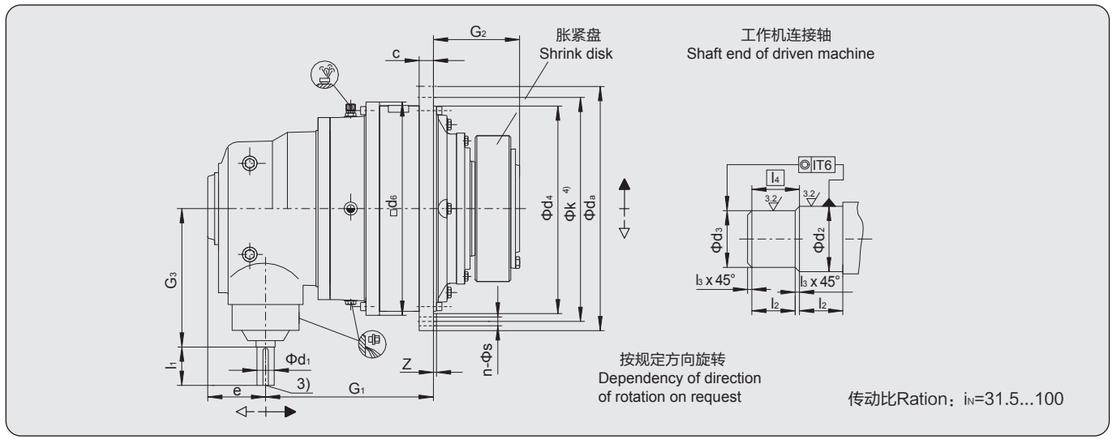




EQ系列行星减速器外型尺寸图及传动能力表
EQ Series Planetary gear units outline dimension sheet and transmission capacity

类型 TYPES EQ2LD

规格 SIZES 9...36



EQ2LD 机座号 Size	额定输出扭矩 output torque T2N (N · m)	输入轴尺寸 Input shaft dimension iN≤90 d1 1)	iN≤90 l1	iN≥100 d1 1)	iN≥100 l1	工作机连接轴 Shaft end of driven machine d2 5) g6	d3 5) g6	l2	l3	l4	c	da	d4 h7	d6	e	G1	G2	G3	k	Z	法兰孔 Flange bolts 孔径 Diameter S	数量 Qty. n	2) 重量 Weight (kg)	油量 Oil quantity (l)
9	22000	45	100	35	80	120	115	65	2.5	67.5	24	428	350	356	135	425	165	305	388	6	18	24	159	6
10	31000	45	100	35	80	130	125	70	2.5	72.5	28	472	394	400	135	445	174	305	436	8	18	28	215	8
11	42000	55	110	40	100	140	135	82.5	2.5	85.0	32	525	425	436	210	501	204	350	485	8	22	20	310	12
12	60000	55	110	40	100	160	155	90	2.5	92.5	34	605	495	510	210	515	224	350	555	9	26	20	470	16
13	83000	70	135	50	110	180	175	95	2.5	97.5	39	645	535	554	250	619	241	415	595	11	26	24	595	20
14	117000	70	135	50	110	210	205	105	2.5	107.5	42	720	610	629	250	642	278	415	665	9	26	32	890	32
16	160000	80	165	60	140	230	225	110	2.5	112.5	44	770	660	680	295	705	285	490	715	10	26	36	1137	40
17	202000	80	165	60	140	250	245	120	2.5	122.5	50	895	750	775	295	731	294	490	830	10	33	24	1660	56
18	244000	90	165	70	140	260	255	120	2.5	122.5	50	930	785	815	350	882	303	605	865	10	33	32	2100	66
19	295000	90	165	70	140	280	275	135	2.5	137.5	56	980	840	870	350	905.5	327.5	605	915	12	33	36	2200	82
20	354000	90	165	70	140	300	295	135	2.5	137.5	56	980	840	870	350	905.5	327.5	605	915	12	33	36	2300	75
21	392000	110	205	80	170	310	305	152	2.5	154.5	62	1115	935	960	400	996	354	700	1025	24	39	32	2930	110
22	450000	110	205	80	170	330	325	152	2.5	154.5	62	1115	935	960	400	996	354	700	1025	24	39	32	3100	95
23	513000	110	205	80	170	350	345	164	2.5	166.5	68	1210	1025	1056	400	1055	380	700	1120	28	39	36	3800	150
24	592000	110	205	80	170	360	355	164	2.5	166.5	68	1210	1025	1056	400	1055	380	700	1120	28	39	36	4300	125
25	684000	130	245	100	210	380	375	180	2.5	182.5	74	1320	1115	1150	475	1138	407	835	1220	29	45	36	5250	190
26	763000	130	245	100	210	400	395	180	2.5	182.5	74	1320	1115	1150	475	1138	407	835	1220	29	45	36	5660	160
27	852000	130	245	100	210	430	425	191	2.5	193.5	81	1460	1215	1248	475	1272	453	835	1345	31	52	32	6680	245
28	950000	130	245	100	210	450	445	191	2.5	193.5	81	1460	1215	1248	475	1272	453	835	1345	31	52	32	7180	205
29	1060000	150	245	110	210	460	450	197.5	5	202.5	87	1565	1320	1355	530	1367	483	945	1450	34	52	36	8500	305
30	1200000	150	245	110	210	480	470	197.5	5	202.5	87	1565	1320	1355	530	1367	483	945	1450	34	52	36	9070	255
31-36	根据用户要求供货 On request																							

1) 当d1≤50时公差为k6, 当d1>50时公差为m6
2) 不含胀紧盘与润滑油的重量
3) 有关平键(符合GB/T1095-1979)与中心孔请参390页
4) 孔的分布类型见389页
5) 当尺寸≤160时公差为h6

1) Shaft diameter d1≤50, tolerance k6, shaft diameter d1>50, tolerance m6
2) Weight without shrink disk and oil
3) For parallel key (GB/T1095-1979) and centre hole see page 390
4) For hole pattern, see page 389
5) ≤160 h6

类型 TYPES EQ2L.

规格 SIZES 9...36

额定功率PN Nominal power ratings (kW)

iN	n1	n2	规格 Sizes 9	10	11	12	13	14	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31-36
	r/min																							
31.5	1500	47.6	111	156	212	302	418	510	806	865	1230*	1487*	1517*	1976*	2268*	–	–	–	–	–	–	–	–	根据用户要求供货 On request
	1000	31.7	74	104	141	202	279	340	538	577	820	991	1011	1317*	1512*	1724*	1989*	2298*	2564*	2863*	2937*	–	–	
	750	23.8	55	78	106	151	209	255	403	433	615	743	758	988	1134	1293	1492	1724	1923	2147	2203	–	–	
35.5	1500	42.3	98	139	188	268	345	487	716	858	1091*	1319*	1504*	1753*	2013*	–	–	–	–	–	–	–	–	
	1000	28.2	66	92	125	179	247	324	477	572	728	880	1003	1169*	1342*	1530*	1712*	2040*	2275*	2540*	2833*	–	–	
	750	21.1	49	69	94	134	173	243	358	429	546	660	752	877	1006	1147	1284	1530	1706	1905	2124	–	–	
40	1500	37.5	87	123	167	238	306	432	635	802	969*	1171*	1405*	1556*	1786*	–	–	–	–	–	–	–	–	
	1000	25.0	58	82	111	159	204	288	423	535	646	781	937	1037*	1191*	1358*	1567*	1810*	2019*	2255*	2514*	–	–	
	750	18.8	44	62	83	119	153	216	318	401	484	585	703	778	883	1018	1175	1358	1514	1691	1885	–	–	
45	1500	33.3	78	109	148	212	293	413	565	713	861*	1041*	1249*	1383*	1588*	1810*	2089*	–	–	–	–	–	–	
	1000	22.2	52	73	99	141	195	275	376	475	574	694	833	922*	1059*	1207*	1393*	1609*	1795*	2004*	2235*	–	–	
	750	16.7	39	55	74	106	146	206	282	356	430	520	625	692	794	905	1044	1207	1346	1503	1676	1870	2117	
50	1500	30.0	70	98	133	191	264	372	508	641	775	937	1124	1245*	1429*	1629*	1880*	–	–	–	–	–	–	
	1000	20.0	47	66	89	127	176	248	339	428	517	625	749	830	953	1086	1253	1448*	1615*	1804*	2011*	–	–	
	750	15.0	35	49	67	95	132	186	254	321	387	468	562	622	714	815	940	1086	1211	1353	1508	1683	1905	
56	1500	26.8	62	88	119	170	235	332	454	573	692	836	1004	1111*	1276*	1455*	1678*	–	–	–	–	–	–	
	1000	17.9	42	59	79	113	157	221	302	382	461	558	669	741	851	970	1119	1293*	1442*	1610*	1796*	2004*	2268*	
	750	13.4	31	44	60	85	118	166	227	286	346	418	502	556	638	727	839	970	1082	1208	1347	1503	1701	
63	1500	23.8	55	78	106	151	209	295	403	509	615	743	892	988	1134	1293	1492	1724*	1923*	2147*	2394*	–	–	
	1000	15.9	37	52	71	101	139	197	269	339	410	496	595	659	756	862	995	1149	1282	1432	1596	2394*	2016*	
	750	11.9	28	39	53	76	105	147	202	255	307	372	446	494	567	646	746	862	961	1074	1197	1336	1512	
71	1500	21.1	49	69	94	134	186	262	358	452	546	660	792	877	1006	1147	1324	1530	1706	1905	2124	–	–	
	1000	14.1	33	46	63	89	124	174	239	301	364	440	528	584	671	765	883	1020	1138	1270	1416	1580*	1789*	
	750	10.6	25	35	47	67	93	131	179	226	273	330	396	438	503	574	662	765	853	953	1062	1185	1342	
80	1500	18.8	44	62	83	119	165	232	318	401	484	585	703	778	893	1018	1175	1358	1514	1691	1885	–	–	
	1000	12.5	29	41	56	79	110	155	212	267	323	390	468	519	595	679	783	905	1010	1127	1257	2394*	1588*	
	750	9.4	22	31	42	60	82	116	159	200	242	293	351	389	447	509	587	679	757	845	943	1052	1191	
90	1500	16.7	39	55	74	106	146	206	282	356	430	520	625	692	794	905	1044	1207	1346	1503	1676	1870	2117	
	1000	11.1	26	36	49	71	98	138	188	238	287	347	416	461	529	603	696	804	897	1002	1117	1247	1411	
	750	8.3	19	27	37	53	73	103	141	178	215	260	312	346	397	453	522	603	673	752	838	935	1059	
100	1500	15.0	35	49	67	95	132	186	254	321	387	468	562	622	714	815	940	1086	1211	1353	1508	1683	1905	
	1000	10.0	23	33	44	64	88	124	169	214	258	312	375	415	476	543	627	724	808	902	1006	1122	1270	
	750	7.5	17	25	33	48	66	93	127	160	194	234	281	311	357	407	470	543	606	676	754	842	953	

* 要求强制润滑

* Forced lubrication required

热功率PG1★) Thermal capacities PG1★) (kW)

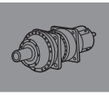
安装类型 Settings	规格 Sizes 9	10	11	12	13	14	16	17	18	19/20	21/22	23/24	25/26	27/28	29/30	31 - 36
狭小空间 1) Small confined spaces	14	18	22	29	34	46	52	64	70	83	99	121	141	169	200	根据用户要求供货 On request
室内大厅 大车间 2) Large halls workshops	20	26	31	41	48	64	74	91	99	118	140	172	199	240	284	
室外 3) In the open	28	35	42	56	65	87	100	123	133	159	190	233	269	324	384	

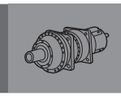
★) 用于水平安装形式，其它安装形式请与我们联系。
1) 风速≥0.5 m/s
2) 风速≥1.4 m/s
3) 风速≥3.7 m/s

★) Values apply to horizontal mounting position, for other mounting positions please refer to us.
1) Wind velocity≥0.5 m/s
2) Wind velocity≥1.4 m/s
3) Wind velocity≥3.7 m/s

EQ

EQ

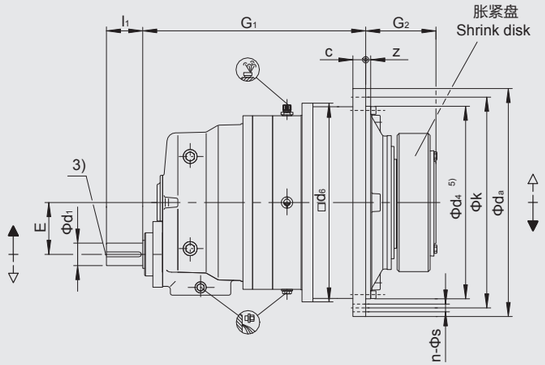




EQ系列行星减速器外型尺寸图及传动能力表
EQ Series Planetary gear units outline dimension sheet and transmission capacity

类型 TYPES EQ2SD

规格 SIZES 9...36



传动比Ration：i_N=45...125

EQ2SD机座号 Size	额定输出扭矩 output torque T_{2N} (N·m)	输入轴尺寸 Input shaft dimension		工作机连接轴 Shaft end of driven machine					c	d_a	d_4 h7	d_6	E	G_1	G_2	k	z	法兰孔 Flange bolts		2) 重量 Weight (kg)	油量 Oil quantity (l)
		d_1 1)	l_1	d_2 4) g6	d_3 4) g6	l_2	l_3	l_4										孔径 Diameter S	数量 Qty. n		
9	22000	38	60	120	115	65	2.5	67.5	24	428	350	356	90	469	165	388	6	18	24	160	6
10	31000	38	60	130	125	70	2.5	72.5	28	472	394	400	90	489	174	436	8	18	28	220	8
11	42000	55	90	140	135	82.5	2.5	85.0	32	525	425	436	115	579	204	485	8	22	20	310	12
12	60000	55	90	160	155	90	2.5	92.5	34	605	495	510	115	593	224	555	9	26	20	470	16
13	83000	70	120	180	175	95	2.5	97.5	39	645	535	554	140	714	241	595	11	26	24	600	20
14	117000	70	120	210	205	105	2.5	107.5	42	720	610	629	140	737	278	665	9	26	32	900	32
16	160000	80	140	230	225	110	2.5	112.5	44	770	660	680	170	851	285	715	10	26	36	1150	40
17	202000	80	140	250	245	120	2.5	122.5	50	895	750	775	170	877	294	830	10	33	24	1650	56
18	244000	90	160	260	255	120	2.5	122.5	50	930	785	815	200	1006	303	865	10	33	32	1950	66
19	295000	90	160	280	275	135	2.5	137.5	56	980	840	870	200	1029.5	327.5	915	12	33	36	2400	82
20	354000	90	160	300	295	135	2.5	137.5	56	980	840	870	200	1029.5	327.5	915	12	33	36	2500	75
21	392000	100	180	310	305	152	2.5	154.5	62	1115	935	960	230	1076	354	1025	24	39	32	2900	110
22	450000	100	180	330	325	152	2.5	154.5	62	1115	935	960	230	1076	354	1025	24	39	32	3100	95
23	513000	120	210	350	345	164	2.5	166.5	68	1210	1025	1056	265	1175	380	1120	28	39	36	3800	150
24	592000	120	210	360	355	164	2.5	166.5	68	1210	1025	1056	265	1175	380	1120	28	39	36	4100	125
25	684000	130	210	380	375	180	2.5	182.5	74	1320	1115	1150	300	1291	407	1220	29	45	36	4950	190
26	763000	130	210	400	395	180	2.5	182.5	74	1320	1115	1150	300	1291	407	1220	29	45	36	5350	160
27	852000	140	240	430	425	191	2.5	193.5	81	1460	1215	1248	320	1429	453	1345	31	52	32	6800	245
28	950000	140	240	450	445	191	2.5	193.5	81	1460	1215	1248	320	1429	453	1345	31	52	32	7200	205
29	1060000	150	240	460	450	197.5	5	202.5	87	1565	1320	1355	360	1507	483	1450	34	52	36	8500	305
30	1200000	150	240	480	470	197.5	5	202.5	87	1565	1320	1355	360	1507	483	1450	34	52	36	9000	255
31	1330000	160	270	480	470	232	5	237.0	94	1665	1400	1443	400	1662	538	1545	36	62	32	10500	380
32	1500000	160	270	510	500	232	5	237.0	94	1665	1400	1443	400	1662	538	1545	36	62	32	11200	315
33	1680000	170	270	530	520	242	5	247.0	100	1755	1495	1536	400	1743	573	1635	36	62	36	12700	460
34	1920000	170	270	570	560	242	5	247.0	100	1755	1495	1536	400	1743	573	1635	36	62	36	13500	380
35	2240000	180	310	600	590	272	5	277.0	112	1945	1685	1720	442	1960	656	1825	40	62	40	17800	645
36	2600000	180	310	640	630	272	5	277.0	112	1945	1685	1720	442	1960	656	1825	40	62	40	18900	535

1) 当d_1≤100时公差为m6, 当d_1>100时公差为n6
2) 不含胀紧盘与润滑油的重量
3) 有关平键(符合GB/T1095-1979)与中心孔请参390页
4) 当尺寸≤160时公差为h6
5) 孔的分布类型见389页

1) Shaft diameter d_1≤100, tolerance m6, shaft diameter d_1>100, tolerance n6
2) Weight without shrink disk and oil
3) For parallel key (GB/T1095-1979) and centre hole see page 390
4) ≤160 h6
5) For hole pattern, see page 389

类型 TYPES EQ2S.

规格 SIZES 9...36

额定功率P_N Nominal power ratings (kW)

i_N	n_1	n_2	规格 Sizes																											
	r/min		9	10	11	12	13	14	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36
45	1500	33.3	77	108	147	209	290	408	558	705	852	1030	1236	1368	1571	1790	2066	2387	2663	–	–	–	–	–	–	–	–	–	–
	1000	22.2	51	72	98	140	193	272	372	470	568	686	824	912	1047	1194	1377	1592	1775	1982	2210	2466	2792	3095	3490	3909	4467	5212	6050
	750	16.7	38	54	73	105	145	204	279	353	426	515	618	684	785	895	1033	1194	1332	1487	1658	1850	2094	2321	2618	2932	3351	3909	4537
50	1500	30.0	69	97	132	188	261	368	503	635	766	927	1112	1231	1414	1611	1860	2149	2397	–	–	–	–	–	–	–	–	–	–
	1000	20.0	46	65	88	126	174	245	335	423	511	618	741	821	942	1074	1240	1432	1598	1784	1989	2220	2513	2785	3141	3518	4021	4691	5445
	750	15.0	35	49	66	94	130	184	251	317	383	463	556	616	707	806	930	1074	1198	1338	1492	1665	1885	2089	2356	2639	3016	3518	4084
56	1500	26.8	62	87	118	168	233	328	449	567	684	827	993	1099	1262	1439	1660	1918	2140	–	–	–	–	–	–	–	–	–	–
	1000	17.9	41	58	79	112	155	219	299	378	456	552	662	733	841	959	1107	1279	1427	1593	1776	1982	2244	2487	2805	3141	3590	4188	4861
	750	13.4	31	43	59	84	116	164	224	283	342	414	496	550	631	719	830	959	1070	1195	1332	1486	1683	1865	2103	2356	2692	3141	3646
63	1500	23.8	55	77	105	150	207	292	399	504	608	735	886	977	1122	1279	1476	1705	1902	–	–	–	–	–	–	–	–	–	–
	1000	15.9	37	52	70	100	138	194	266	336	406	490	588	651	748	853	984	1137	1268	1416	1579	1762	1994	2210	2493	2792	3191	3723	4321
	750	11.9	27	39	52	75	103	146	199	252	304	368	441	489	561	639	738	853	951	1062	1184	1321	1496	1658	1870	2094	2393	2792	3241
71	1500	21.1	49	69	93	133	184	259	354	447	540	653	783	867	995	1135	1310	1513	1688	–	–	–	–	–	–	–	–	–	–
	1000	14.1	32	46	62	88	122	173	236	298	360	435	522	578	664	757	873	1009	1125	1256	1401	1563	1770	1961	2212	2478	2831	3303	3834
	750	10.6	24	34	46	66	92	129	177	223	270	326	392	434	498	567	655	757	844	942	1051	1172	1327	1471	1659	1858	2124	2478	2876
80	1500	18.8	43	61	82	118	163	230	314	397	479	579	695	770	883	1007	1162	1343	1498	–	–	–	–	–	–	–	–	–	–
	1000	12.5	29	41	50	79	109	153	209	264	319	386	463	513	589	671	775	895	999	1115	1243	1387	1571	1741	1963	2199	2513	2932	3403
	750	9.4	22	30	41	59	81	115	157	198	240	290	347	385	442	504	581	671	749	836	933	1041	1178	1306	1472	1649	1885	2199	2552
90	1500	16.7	38	54	73	105	145	204	279	353	426	515	618	684	785	895	1033	1194	1332	–	–	–	–	–	–	–	–	–	–
	1000	11.1	26	36	49	70	97	136	186	235	284	343	412	456	524	597	689	796	888	991	1105	1233	1396	1547	1745	1954	2234	2606	3025
	750	8.3	19	27	37	52	72	102	140	176	213	257	309	342	393	448	517	597	666	743	829	925	1047	1160	1309	1466	1675	1954	2269
100	1500	15.0	35	49	66	94	130	184	251	317	383	463	556	616	707	806	930	1074	1198	–	–	–	–	–	–	–	–	–	–
	1000	10.0	23	32	44	63	87	123	168	212	255	309	371	410	471	537	620	716	799	892	995	1110	1256	1393	1571	1759	2010	2345	2722
	750	7.5	17	24	33	47	65	92	126	159	192	232	278	308	353	403	465	537	599	669	746	832	942	1044	1178	1319	1508	1759	2042
112	1500	13.4	31	43	59	84	116	164	224	283	342	414	496	550	631	719	830	959	1070	–	–	–	–	–	–	–	–	–	–
	1000	8.9	21	29	39	56	78	109	150	189	228	276	331	366	421	480	553	639	713	797	888	991	1122	1243	1402	1571	1795	2094	2431
	750	6.7	15	22	29	42	58	82	112	142	171	207	248	275	316	360	415	480	535	597	666	743	841	933	1052	1178	1346	1571	1823
125	1500	12.0	28	39	53	75	104	147	201	254	307	371	445	493	565	645	744	859	959	–	–	–	–	–	–	–	–	–	–
	1000	8.0	18	26	35	50	70	98	134	169	204	247	297	328	377	430	496	573	639	714	796	888	1005	1114	1256	1407	1608	1876	2178
	750	6.0	14	19	26	38	52	74	101	127	153	185	222	246	283	322	372	430	479	535	597	666	754	836	942	1055	1206	1407	1633

热功率P_{G1}★) Thermal capacities P_{G1}★) (kW)

安装类型 Settings	规格 Sizes																	
	9	10	11	12	13	14	16	17	18	19/20	21/22	23/24	25/26	27/28	29/30	31/32	33/34	35/36
狭小空间 1) Small confined spaces	15	20	24	32	36	49	56	69	75	89	106	130	151	182	215	245	275	328
室内大厅 2) 大车间 Large halls workshops	22	28	34	45	52	69	79	97	106	127	151	185	214	257	305	347	389	464
室外 3) In the open	29	38	45	60	70	94	107	132	143	171	204	250	289	348	412	469	527	628

★) 用于水平安装形式，其它安装形式请与我们联系。
1) 风速≥0.5 m/s
2) 风速≥1.4 m/s
3) 风速≥3.7 m/s

★) Values apply to horizontal mounting position, for other mounting positions please refer to us.
1) Wind velocity≥0.5 m/s
2) Wind velocity≥1.4 m/s
3) Wind velocity≥3.7 m/s

EQ

EQ

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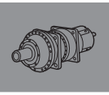
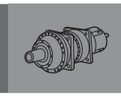
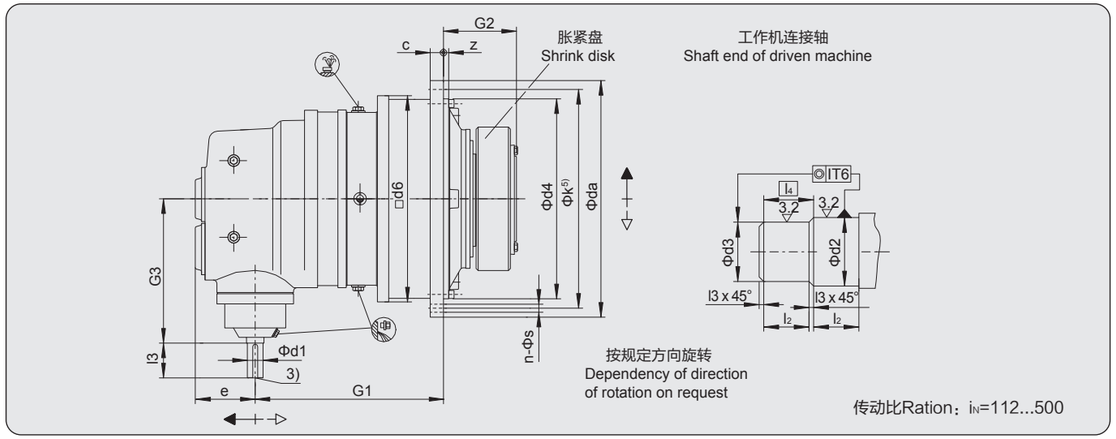




EQ系列行星减速器外型尺寸图及传动能力表
EQ Series Planetary gear units outline dimension sheet and transmission capacity

类型 TYPES EQ2KD

规格 SIZES 9...20



EQ2KD 机座号 Size	额定输出扭矩 output torque T2N (N · m)	输入轴尺寸 Input shaft dimension iN≤360 d1 1)	l1	iN≥400 d1 1)	l1	工作机连接轴 Shaft end of driven machine d2 5) g6	d3 5) g6	l2	l3	l4	c	da	d4 h7	d6	e	G1	G2	G3	k	z	法兰孔 Flange bolts 孔径 Diameter S	数量 Qty. n	2) 重量 Weight (kg)	油量 Oil quantity (l)
9	22000	30	70	25	60	120	115	65	2.5	67.5	24	428	350	356	119	339	165	320	388	6	18	24	165	6
10	31000	30	70	25	60	130	125	70	2.5	72.5	28	472	394	400	119	359	174	320	436	8	18	28	227	8
11	42000	35	80	28	60	140	135	82.5	2.5	85	32	525	425	436	137	419	204	375	485	8	22	20	320	12
12	60000	35	80	28	60	160	155	90	2.5	92.5	34	605	495	510	137	433	224	375	555	9	26	20	484	16
13	83000	45	100	35	80	180	175	95	2.5	97.5	39	645	535	554	172	518.5	241	445	595	11	26	24	618	20
14	117000	45	100	35	80	210	205	105	2.5	107.5	42	720	610	629	172	541.5	278	445	665	9	26	32	927	32
16	160000	55	110	40	100	230	225	110	2.5	112.5	44	770	660	680	194	632	285	520	715	10	26	36	1184	40
17	202000	55	110	40	100	250	245	120	2.5	122.5	50	895	750	775	194	658	294	520	830	10	33	24	1700	56
18	244000	70	135	50	110	260	255	120	2.5	122.5	50	930	785	815	240	741.5	303	615	865	10	33	32	2010	73
19	295000	70	135	50	110	280	275	135	2.5	137.5	56	980	840	870	240	765	327.5	615	915	12	33	36	2470	82
20	354000	70	135	50	110	300	295	135	2.5	137.5	56	980	840	870	240	765	327.5	615	915	12	33	36	2550	75
21-26	根据用户要求供货 On request																							

1) 当d1≤50时公差为k6, 当d1>50时公差为m6
2) 不含胀紧盘与润滑油的重量
3) 有关平键(符合GB/T1095-1979)与中心孔请参390页
4) 孔的分布类型见389页
5) 当尺寸≤160时公差为h6

1) Shaft diameter d1≤50, tolerance k6, shaft diameter d1>50, tolerance m6
2) Weight without shrink disk and oil
3) For parallel key (GB/T1095-1979) and centre hole see page 390
4) For hole pattern, see page 389
5) ≤160 h6

类型 TYPES EQ2K.

规格 SIZES 9...20

iN	n1	n2	额定功率PN Nominal power ratings (kW) 规格 Sizes 9	10	11	12	13	14	16	17	18	19	20
	r/min												
112	1500	13.4	30.9	43.6	59.0	84	117	164	225	284	343	415	498
	1000	8.9	20.6	29.0	39.4	56	78	110	150	189	229	276	332
	750	6.7	15.5	21.8	29.5	42	58	82	112	142	171	207	249
125	1500	12.0	27.7	39.0	52.9	76	105	147	201	254	307	372	446
	1000	8.0	18.5	26.0	35.3	50	70	98	134	170	205	248	297
	750	6.0	13.9	19.5	26.4	38	52	74	101	127	154	186	223
140	1500	10.7	24.7	34.9	47.2	67	93	132	180	227	274	332	398
	1000	7.1	16.5	23.2	31.5	45	62	88	120	151	183	221	265
	750	5.4	12.4	17.4	23.6	34	47	66	90	114	137	166	199
160	1500	9.4	21.6	30.5	41.3	59	82	115	157	199	240	290	348
	1000	6.3	14.4	20.3	27.5	39	54	77	105	132	160	193	232
	750	4.7	10.8	15.3	20.7	30	41	58	79	99	120	145	174
180	1500	8.3	19.2	27.1	36.7	52	73	102	140	177	213	258	310
	1000	5.6	12.8	18.1	24.5	35	48	68	93	118	142	172	206
	750	4.2	9.6	13.6	18.4	26	36	51	70	88	107	129	155
200	1500	7.5	17.3	24.4	33.1	47	65	92	126	159	192	232	279
	1000	5.0	11.5	16.3	22.0	31	44	61	84	106	128	155	186
	750	3.8	8.7	12.2	16.5	24	33	46	63	79	96	116	139
225	1500	6.7	15.4	21.7	29.4	42	58	82	112	141	171	206	248
	1000	4.4	10.3	14.5	19.6	28	39	55	75	94	114	138	165
	750	3.3	7.7	10.8	14.7	21	29	41	56	71	85	103	124
250	1500	6.0	13.9	19.5	26.4	38	52	74	101	127	154	186	223
	1000	4.0	9.2	13.0	17.6	25	35	49	67	85	102	124	149
	750	3.0	6.9	9.8	13.2	19	26	37	50	64	77	93	111
280	1500	5.4	12.4	17.4	23.6	34	47	66	90	114	137	166	199
	1000	3.6	8.2	11.6	15.7	22	31	44	60	76	91	111	133
	750	2.7	6.2	8.7	11.8	17	23	33	45	57	69	83	100
320	1500	4.7	10.8	15.3	20.7	30	41	58	79	99	120	145	174
	1000	3.1	7.2	10.2	13.8	20	76	38	52	66	80	97	116
	750	2.3	5.4	7.6	10.3	15	20	29	39	50	60	73	87
360	1500	4.2	9.6	13.6	18.4	26	36	51	70	88	107	129	155
	1000	2.8	6.4	9.0	12.2	17	24	34	47	59	71	86	103
	750	2.1	4.8	6.8	9.2	13	18	26	35	44	53	64	77
400	1500	3.8	8.7	12.2	16.5	24	33	46	63	79	96	116	139
	1000	2.5	5.8	8.1	11.0	16	22	31	42	53	64	77	93
	750	1.9	4.3	6.1	8.3	12	16	23	31	40	48	58	70
450	1500	3.3	7.7	10.8	14.7	21	29	41	56	71	85	103	124
	1000	2.2	5.1	7.2	9.8	14	19	27	37	47	57	69	83
	750	1.7	3.8	5.4	7.3	10	15	20	28	35	43	52	62
500	1500	3.0	6.9	9.8	13.2	19	26	37	50	64	77	93	111
	1000	2.0	4.6	6.5	8.8	13	17	25	34	42	51	62	74
	750	1.5	3.5	4.9	6.6	9	13	18	25	32	38	46	56
560	根据用户要求供货 On request												

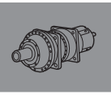
安装类型 Settings	热功率PG1★) Thermal capacities PG1★) (kW) 规格 Sizes 9	10	11	12	13	14	16	17	18	19 / 20
狭小空间 1) Small confined spaces	12	15	18	24	28	38	44	53	58	69
室内大厅 2) 大车间 Large halls workshops	17	22	26	35	40	54	62	76	82	98
室外 3) In the open	23	29	35	47	54	73	83	102	111	133

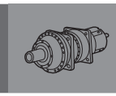
★）用于水平安装形式，其它安装形式请与我们联系。
1) 风速≥0.5 m/s
2) 风速≥1.4 m/s
3) 风速≥3.7 m/s

★) Values apply to horizontal mounting position, for other mounting positions please refer to us.
1) Wind velocity≥0.5 m/s
2) Wind velocity≥1.4 m/s
3) Wind velocity≥3.7 m/s

EQ

EQ

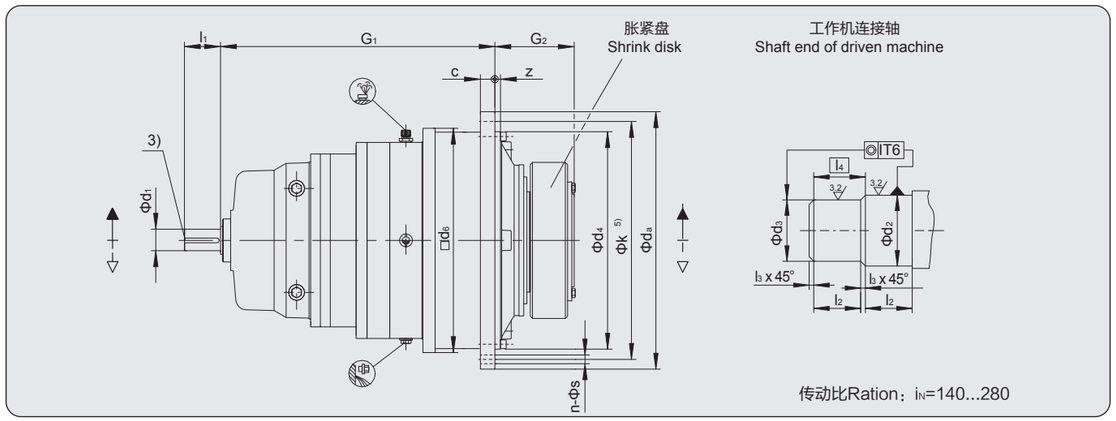




EQ系列行星减速器外型尺寸图及传动能力表
EQ Series Planetary gear units outline dimension sheet and transmission capacity

类型 TYPES EQ3ND

规格 SIZES 9...36



EQ3ND 机座号 Size	额定输出扭矩 output torque T2N (N·m)	输入轴尺寸 Input shaft dimension		工作机连接轴 Shaft end of driven machine					c	da	d4 h7	d6	G1	G2	k	z	法兰孔 Flange bolts		2) 重量 Weight (kg)	油量 Oil quantity (l)
		d1 1)	l1	d2 4) g6	d3 4) g6	l2	l3	l4									孔径 Diameter S	数量 Qty. n		
9	22000	55	90	120	115	65	2.5	67.5	24	428	350	356	565	165	388	6	18	24	152	7
10	31000	55	90	130	125	70	2.5	72.5	28	472	394	400	585	174	436	8	18	28	205	9
11	42000	55	90	140	135	82.5	2.5	85.0	32	525	425	436	616	204	485	8	22	20	295	13
12	60000	55	90	160	155	90	2.5	92.5	34	605	495	510	630	224	555	9	26	20	447	17
13	83000	55	90	180	175	95	2.5	97.5	39	645	535	554	688	241	595	11	26	24	567	21
14	117000	55	90	210	205	105	2.5	107.5	42	720	610	629	711	278	665	9	26	32	850	33
16	160000	70	120	230	225	110	2.5	112.5	44	770	660	680	853	285	715	10	26	36	1085	42
17	202000	70	120	250	245	120	2.5	122.5	50	895	750	775	879	294	830	10	33	24	1580	60
18	244000	80	140	260	255	120	2.5	122.5	50	930	785	815	1013	303	865	10	33	32	2000	70
19	295000	80	140	280	275	135	2.5	137.5	56	980	840	870	1036.5	327.5	915	12	33	36	2100	85
20	354000	80	140	300	295	135	2.5	137.5	56	980	840	870	1036.5	327.5	915	12	33	36	2200	75
21	392000	80	140	310	305	152	2.5	154.5	62	1115	935	960	1093	354	1025	24	39	32	2785	115
22	450000	80	140	330	325	152	2.5	154.5	62	1115	935	960	1093	354	1025	24	39	32	2950	105
23	513000	95	160	350	345	164	2.5	166.5	68	1210	1025	1056	1222	380	1120	28	39	36	3625	155
24	592000	95	160	360	355	164	2.5	166.5	68	1210	1025	1056	1222	380	1120	28	39	36	4100	135
25	684000	95	160	380	375	180	2.5	182.5	74	1320	1115	1150	1284.5	407	1220	29	45	36	5000	195
26	763000	95	160	400	395	180	2.5	182.5	74	1320	1115	1150	1284.5	407	1220	29	45	36	5400	170
27	852000	110	180	430	425	191	2.5	193.5	81	1460	1215	1248	1470	453	1345	31	52	32	6400	250
28	950000	110	180	450	445	191	2.5	193.5	81	1460	1215	1248	1470	453	1345	31	52	32	6875	220
29	1060000	110	180	460	450	197.5	5	202.5	87	1565	1320	1355	1517	483	1450	34	52	36	8190	310
30	1200000	110	180	480	470	197.5	5	202.5	87	1565	1320	1355	1517	483	1450	34	52	36	8715	280
31	1330000	120	210	480	470	232	5	237.0	94	1665	1400	1433	1585	540	1545	36	62	32	10700	390
32	1500000	120	210	510	500	232	5	237.0	94	1665	1400	1443	1585	540	1545	36	62	32	11200	360
33	1680000	130	210	530	520	242	5	247.0	100	1755	1495	1536	1710	573	1635	36	62	36	12950	470
34	1920000	130	210	570	560	242	5	247.0	100	1755	1495	1536	1710	573	1635	36	62	36	13800	430
35+36	根据用户要求供货 On request																			

1) 当d1≤100时公差为m6, 当d1>100时公差为n6
2) 不含胀紧盘与润滑油的重量
3) 有关平键(符合GB/T1095-1979)与中心孔请参390页
4) 当尺寸≤160时公差为h6
5) 孔的分布类型见389页

1) Shaft diameter d1≤100, tolerance m6, shaft diameter d1>100, tolerance n6
2) Weight without shrink disk and oil
3) For parallel key (GB/T1095-1979) and centre hole see page 390
4) ≤160 h6
5) For hole pattern, see page 389

类型 TYPES EQ3N.

规格 SIZES 9...36

iN	n1	n2	额定功率PN Nominal power ratings (kW) 规格 Sizes																													
	r/min		9	10	11	12	13	14	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36
140	1500	10.7	24.8	34.9	47.3	68	94	132	180	228	275	332	399	442	507	578	667	711	860	–	–	–	–	–	–	–	–	–	–
	1000	7.1	16.5	23.3	31.5	45	62	88	120	152	183	222	266	294	338	385	445	514	573	640	714	796	901	999	1127	1262	1442	1682	1953
	750	5.4	12.4	17.5	23.7	34	47	66	90	114	137	166	199	221	253	289	333	385	430	480	535	597	676	749	845	946	1082	1262	1465
160	1500	9.4	21.7	30.6	41.4	59	82	115	158	199	241	291	349	386	444	506	584	674	752	–	–	–	–	–	–	–	–	–	–
	1000	6.3	14.5	20.4	27.6	39	55	77	105	133	160	194	233	258	296	337	389	450	501	560	624	697	789	874	986	1104	1262	1472	1709
	750	4.7	10.8	15.3	20.7	30	41	58	79	100	120	145	174	193	222	253	292	337	376	420	468	522	591	656	739	828	946	1104	1281
180	1500	8.3	19.3	27.2	36.8	53	73	103	140	177	214	258	310	343	394	450	519	599	669	–	–	–	–	–	–	–	–	–	–
	1000	5.6	12.9	18.1	24.5	35	48	68	93	118	143	172	207	229	263	300	346	400	446	498	555	619	701	777	876	981	1122	1309	1519
	750	4.2	9.6	13.6	18.4	26	36	51	70	88	107	129	155	172	197	225	259	300	334	373	416	464	526	583	657	736	841	981	1139
200	1500	7.5	17.3	24.4	33.1	47	65	92	126	159	192	233	279	309	355	405	467	539	602	–	–	–	–	–	–	–	–	–	–
	1000	5.0	11.6	16.3	22.1	32	44	62	84	106	128	155	186	206	237	270	311	360	401	448	499	557	631	699	789	883	1009	1178	1367
	750	3.8	8.7	12.2	16.6	24	33	46	63	80	96	116	140	155	177	202	233	270	301	336	375	418	473	524	591	662	757	883	1025
225	1500	6.7	15.4	21.7	29.4	42	58	82	112	142	171	207	248	275	315	360	415	479	535	597	666	743	841	932	1051	1178	1346	1570	1823
	1000	4.4	10.3	14.5	19.6	28	39	55	75	94	114	138	165	183	210	240	277	320	357	398	444	495	561	622	701	785	897	1047	1215
	750	3.3	7.7	10.9	14.7	21	29	41	56	71	86	103	124	137	158	180	207	240	267	299	333	372	421	466	526	589	673	785	911
250	1500	6.0	13.9	19.6	26.5	38	52	74	101	127	154	186	223	247	284	324	373	432	481	538	599	559	757	839	946	1060	1211	1413	1640
	1000	4.0	9.3	13.0	17.7	25	35	49	67	85	103	124	149	165	189	216	249	288	321	358	400	446	505	559	631	707	808	942	1094
	750	3.0	6.9	9.8	13.2	19	26	37	50	64	77	93	112	124	142	162	187	216	241	269	300	334	379	420	473	530	606	707	820
280	1500	5.4	12.4	17.5	23.7	34	47	66	90	114	137	166	199	221	253	289	333	385	430	480	535	597	676	749	845	946	1082	1262	1465
	1000	3.6	8.3	11.6	15.8	23	31	44	60	76	92	111	133	147	169	193	222	257	287	320	357	398	451	499	563	631	721	841	976
	750	2.7	6.2	8.7	11.8	17	23	33	45	57	69	83	100	110	127	144	167	193	215	240	268	299	338	375	422	473	541	631	732

安装类型 Settings	热功率PG1★) Thermal capacities PG1★) (kW) 规格 Sizes																	
	9	10	11	12	13	14	16	17	18	19/20	21/22	23/24	25/26	27/28	29/30	31/32	33/34	35/36
狭小空间 1) Small confined spaces	14	18	22	29	34	46	52	64	70	83	99	121	141	169	200	228	256	305
室内大厅 2) 大车间 Large halls workshops	20	26	31	41	48	64	74	91	99	118	140	172	199	240	284	323	362	432
室外 3) In the open	28	35	42	56	65	87	100	123	133	159	190	233	269	324	384	437	490	585

★) 用于水平安装形式，其它安装形式请与我们联系。
1) 风速≥0.5 m/s
2) 风速≥1.4 m/s
3) 风速≥3.7 m/s

★) Values apply to horizontal mounting position, for other mounting positions please refer to us.
1) Wind velocity≥0.5 m/s
2) Wind velocity≥1.4 m/s
3) Wind velocity≥3.7 m/s

EQ

EQ

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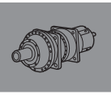
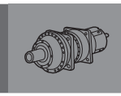


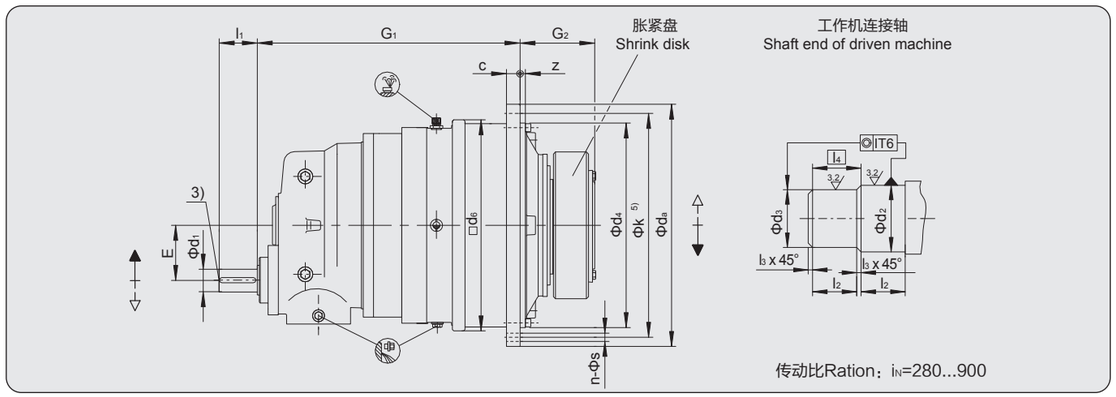


EQ系列行星减速器外型尺寸图及传动能力表

EQ Series Planetary gear units outline dimension sheet and transmission capacity

类型 TYPES EQ3SD

规格 SIZES 9...36



EQ3SD 机座号 Size	额定输出扭矩 output torque T_{2N} (N·m)	输入轴尺寸 Input shaft dimension		工作机连接轴 Shaft end of driven machine					c	d_a	d_4 h7	d_6	E	G_1	G_2	k	z	法兰孔 Flange bolts		2) 重量 Weight (kg)	油量 Oil quantity (l)
		d_1 1)	l_1	d_2 4) g6	d_3 4) g6	l_2	l_3	l_4										孔径 Diameter S	数量 Qty. n		
9	22000	38	60	120	115	65	2.5	67.5	24	428	350	356	90	565	165	388	6	18	24	170	7
10	31000	38	60	130	125	70	2.5	72.5	28	472	394	400	90	585	174	436	8	18	28	230	9
11	42000	38	60	140	135	82.5	2.5	85.0	32	525	425	436	90	616	204	485	8	22	20	310	13
12	60000	38	60	160	155	90	2.5	92.5	34	605	495	510	90	630	224	555	9	26	20	460	17
13	83000	38	60	180	175	95	2.5	97.5	39	645	535	554	90	688	241	595	11	26	24	584	21
14	117000	38	60	210	205	105	2.5	107.5	42	720	610	629	90	711	278	665	9	26	32	875	33
16	160000	55	90	230	225	110	2.5	112.5	44	770	660	680	115	853	285	715	10	26	36	1115	42
17	202000	55	90	250	245	120	2.5	122.5	50	895	750	775	115	879	294	830	10	33	24	1625	60
18	244000	70	120	260	255	120	2.5	122.5	50	930	785	815	140	1013	303	865	10	33	32	2060	70
19	295000	70	120	280	275	135	2.5	137.5	56	980	840	870	140	1036.5	327.5	915	12	33	36	2160	85
20	354000	70	120	300	295	135	2.5	137.5	56	980	840	870	140	1036.5	327.5	915	12	33	36	2260	75
21	392000	70	120	310	305	152	2.5	154.5	62	1115	935	960	140	1093	354	1025	24	39	32	2870	115
22	450000	70	120	330	325	152	2.5	154.5	62	1115	935	960	140	1093	354	1025	24	39	32	3040	105
23	513000	80	140	350	345	164	2.5	166.5	68	1210	1025	1056	170	1222	380	1120	28	39	36	3730	155
24	592000	80	140	360	355	164	2.5	166.5	68	1210	1025	1056	170	1222	380	1120	28	39	36	4220	135
25	684000	80	140	380	375	180	2.5	182.5	74	1320	1115	1150	170	1284.5	407	1220	29	45	36	5150	195
26	763000	80	140	400	395	180	2.5	182.5	74	1320	1115	1150	170	1284.5	407	1220	29	45	36	5560	170
27	852000	90	160	430	425	191	2.5	193.5	81	1460	1215	1248	200	1470	453	1345	31	52	32	6580	250
28	950000	90	160	450	445	191	2.5	193.5	81	1460	1215	1248	200	1470	453	1345	31	52	32	7080	220
29	1060000	90	160	460	450	197.5	5	202.5	87	1565	1320	1355	200	1517	483	1450	34	52	36	8400	310
30	1200000	90	160	480	470	197.5	5	202.5	87	1565	1320	1355	200	1517	483	1450	34	52	36	8970	280
31	1330000	100	180	480	470	232	5	237.0	94	1665	1400	1443	230	1615	538	1545	36	62	32	11000	390
32	1500000	100	180	510	500	232	5	237.0	94	1665	1400	1443	230	1615	538	1545	36	62	32	11500	360
33	1680000	120	210	530	520	242	5	247.0	100	1755	1495	1536	265	1735	573	1635	36	62	36	13300	470
34	1920000	120	210	570	560	242	5	247.0	100	1755	1495	1536	265	1735	573	1635	36	62	36	14200	430
35+36	根据用户要求供货 On request																				

1) 当$d_1 \leqslant 100$时公差为m6, 当$d_1 > 100$时公差为n6
2) 不含胀紧盘与润滑油的重量
3) 有关平键(符合GB/T1095−1979)与中心孔请参390页
4) 当尺寸≤160时公差为h6
5) 孔的分布类型见389页

1) Shaft diameter $d_1 \leqslant 100$, tolerance m6, shaft diameter $d_1 > 100$, tolerance n6
2) Weight without shrink disk and oil
3) For parallel key (GB/T1095−1979) and centre hole see page 390
4) ≤160 h6
5) For hole pattern, see page 389

类型 TYPES EQ3S.

规格 SIZES 9...36

额定功率P_N Nominal power ratings (kW)

i_N	n_1 r/min	n_2	规格 Sizes 9	10	11	12	13	14	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36
280	1500	5.4	13.5	17.6	24	34	47	67	91	115	139	168	202	223	256	292	337	389	434	485	541	603	683	757	854	956	1093	1275	1480
	1000	3.6	8.3	12	16	23	31	44	61	77	93	112	134	149	171	195	225	260	290	323	361	402	455	505	569	638	729	850	987
	750	2.7	6.3	8.8	12	17	24	33	46	57	69	84	101	112	128	146	168	195	217	242	270	302	342	379	427	478	546	638	740
315	1500	4.8	11	16	21	30	42	59	81	102	123	149	179	198	228	260	300	346	386	431	481	236	607	673	759	850	971	1133	1316
	1000	3.2	7.4	10.5	14	20	28	39	54	68	82	100	119	132	152	173	200	231	257	287	320	358	405	449	506	567	648	756	877
	750	2.4	5.6	7.8	11	15	21	30	40	51	62	75	90	99	114	130	150	173	193	216	240	268	304	336	379	425	486	567	658
355	1500	4.2	10	14	19	27	37	53	72	91	110	132	159	176	202	230	266	307	343	383	427	476	539	597	673	754	862	1006	1167
	1000	2.8	6.7	9.3	13	18	25	35	48	60	73	88	106	117	135	154	177	205	228	255	284	317	359	398	449	503	575	670	778
	750	2.1	5	7	9	13	19	26	36	45	55	66	79	88	101	115	133	154	171	191	213	238	269	299	337	377	431	503	584
400	1500	3.8	8.8	12.4	17	24	33	47	64	80	97	118	141	156	179	204	236	293	304	339	379	422	478	530	598	669	765	893	1036
	1000	2.5	5.8	8.2	11	16	22	31	43	54	65	78	94	104	120	136	157	182	203	226	252	282	319	353	398	446	510	595	691
	750	1.9	4.4	6.2	8	12	17	23	32	40	49	59	71	78	90	102	118	136	152	170	189	211	239	265	299	335	383	446	518
450	1500	3.3	7.8	11	15	21	29	41	57	72	86	104	125	139	159	182	210	242	270	302	336	375	425	471	531	595	680	793	921
	1000	2.2	5.2	7.3	10	14	20	28	38	48	58	70	84	93	106	121	140	162	180	201	224	250	283	314	354	397	543	529	614
	750	1.7	3.4	5..5	7.4	11	15	21	28	36	43	52	63	69	80	91	105	121	135	151	168	188	213	236	266	298	340	397	460
500	1500	3.0	7	10	13.4	19	26	37	51	64	78	94	113	125	143	164	189	218	243	272	303	338	929	424	478	536	612	714	829
	1000	2.0	4.7	6.6	8.9	13	18	25	34	43	52	63	75	83	96	109	126	145	162	181	202	225	255	283	319	357	408	476	553
	750	1.5	3.5	5	6.7	10	13	19	26	32	39	47	56	62	72	82	94	109	122	136	151	169	191	212	239	268	306	357	414
560	1500	2.7	6.3	8.8	12	17	24	33	46	57	69	84	101	112	128	146	168	195	217	242	270	302	342	379	427	478	546	638	740
	1000	1.8	4.2	6	8	11	16	22	30	38	46	56	67	74	85	97	112	130	145	162	180	201	228	252	285	319	364	425	493
	750	1.3	3.1	4.4	6	9	12	17	23	29	35	42	50	56	64	73	84	97	109	121	135	151	171	189	213	239	273	319	370
630	1500	2.4	5.6	7.8	10.6	15	21	30	40	51	62	75	90	99	114	130	150	173	193	216	240	268	304	336	379	425	486	567	658
	1000	1.6	3.7	5.2	7	10	14	20	27	34	41	50	60	66	76	87	100	115	129	144	160	179	202	224	253	283	324	378	439
	750	1.2	2.8	3.9	5.3	8	10	15	20	26	31	37	45	50	57	65	75	87	97	108	120	134	152	168	190	213	243	283	329
710	1500	2.1	4.5	7	9.4	13	19	26	36	45	55	66	79	88	101	115	133	154	171	191	213	238	269	299	337	377	431	503	584
	1000	1.4	3.3	4.5	6.3	9	12	18	24	30	37	44	53	59	67	77	89	102	114	128	142	159	180	199	224	251	287	335	389
	750	1.1	2.5	3.5	4.7	7	9	13	18	23	27	33	40	44	51	58	66	77	86	96	107	119	135	149	168	189	215	251	292
800	1500	1.9	4.4	6.2	8.4	12	17	23	32	40	49	59	71	78	90	102	118	136	152	170	189	211	239	265	299	335	383	446	518
	1000	1.3	2.9	4.1	5.6	8	11	16	21	27	32	39	47	52	60	68	79	91	110	113	126	141	159	177	199	223	255	298	345
	750	0.9	2.2	3.1	4.2	6	8	12	16	20	24	29	35	39	45	51	59	68	76	85	95	106	120	132	149	167	191	223	259
900	1500	1.7	3.4	5.5	7.4	11	15	21	28	36	43	52	63	69	80	91	105	121	135	151	168	188	213	236	266	298	340	397	460
	1000	1.1	2.6	3.7	5	7	10	14	19	24	29	35	42	46	53	61	70	81	90	101	112	125	142	157	177	198	227	364	307
	750	0.8	1.9	2.7	3.7	5	7	10	14	18	22	26	31	35	40	45	52	61	68	75	84	94	106	118	133	149	170	198	230

热功率P_{G1}★) Thermal capacities P_{G1}★) (kW)

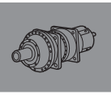
安装类型 Settings	规格 Sizes 9	10	11	12	13	14	16	17	18	19/20	21/22	23/24	25/26	27/28	29/30	31/32	33/34	35/36
狭小空间 1) Small confined spaces	12	15	18	24	28	40	43	53	57	69	82	100	116	139	165	188	211	252
室内大厅 大车间 2) Large halls workshops	17	21	26	34	40	53	61	75	81	97	116	142	164	197	234	266	298	356
室外 3) In the open	23	29	35	46	54	72	82	101	110	131	156	192	222	267	316	360	404	482

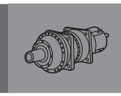
★) 用于水平安装形式，其它安装形式请与我们联系。
1) 风速≥0.5 m/s
2) 风速≥1.4 m/s
3) 风速≥3.7 m/s

★) Values apply to horizontal mounting position, for other mounting positions please refer to us.
1) Wind velocity≥0.5 m/s
2) Wind velocity≥1.4 m/s
3) Wind velocity≥3.7 m/s

EQ

EQ

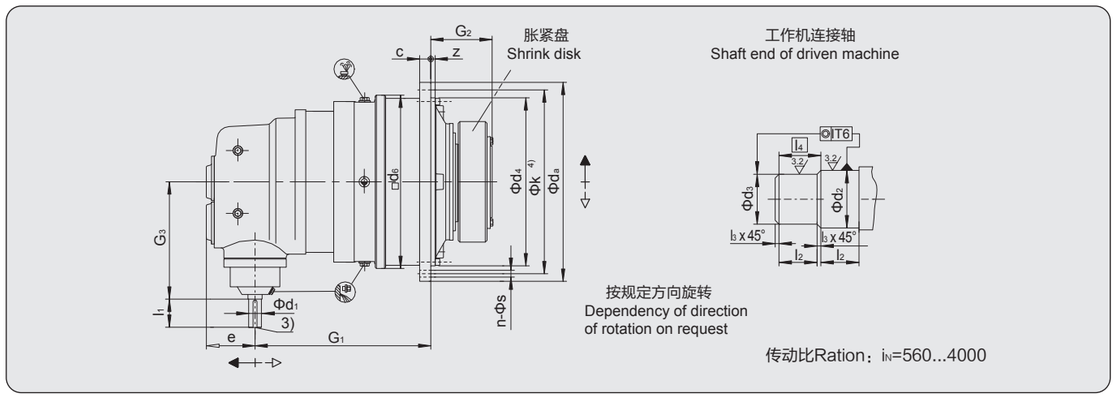




EQ系列行星减速器外型尺寸图及传动能力表
EQ Series Planetary gear units outline dimension sheet and transmission capacity

类型 TYPES EQ3KD

规格 SIZES 9...30



EQ3KD 机座号 Size	额定输出扭矩 output torque T2N (N·m)	输入轴尺寸 Input shaft dimension iN≤2000 d1 1)	l1	iN≥2240 d1 1)	l1	工作机连接轴 Shaft end of driven machine d2 5) g6	d3 5) g6	l2	l3	l4	c	da	d4 h7	d6	e	G1	G2	G3	k	z	法兰孔 Flange bolts 孔径 Diameter S	数量 Qty. n	重量 2) Weight (kg)	油量 Qil quantity (l)
9	22000	30	70	25	60	120	115	65	2.5	67.5	24	428	350	356	119	435	165	320	388	6	18	24	180	7
10	31000	30	70	25	60	130	125	70	2.5	72.5	28	472	394	400	119	455	174	320	436	8	18	28	240	9
11	42000	30	70	25	60	140	135	82.5	2.5	85	32	525	425	436	119	486	204	320	485	8	22	20	315	15
12	60000	30	70	25	60	160	155	90	2.5	92.5	34	605	495	510	119	500	224	320	555	9	26	20	470	20
13	83000	30	70	25	60	180	175	95	2.5	97.5	39	645	535	554	119	558	241	320	595	11	26	24	595	21
14	117000	30	70	25	60	210	205	105	2.5	107.5	42	720	610	629	119	581	278	320	665	9	26	32	890	33
16	160000	35	80	28	60	230	225	110	2.5	112.5	44	770	660	680	137	693	285	375	715	10	26	36	1137	42
17	202000	35	80	28	60	250	245	120	2.5	122.5	50	895	750	775	137	719	294	375	830	10	33	24	1660	60
18	244000	45	100	35	80	260	255	120	2.5	122.5	50	930	785	815	172	817.5	303	445	865	10	33	32	2100	70
19	295000	45	100	35	80	280	275	135	2.5	137.5	56	980	840	870	172	841	327.5	445	915	12	33	36	2200	85
20	354000	45	100	35	80	300	295	135	2.5	137.5	56	980	840	870	172	841	327.5	445	915	12	33	36	2300	75
21	392000	45	100	35	80	310	305	152	2.5	154.5	62	1115	935	960	172	897.5	354	445	1025	24	39	32	2930	115
22	450000	45	100	35	80	330	325	152	2.5	154.5	62	1115	935	960	172	897.5	354	445	1025	24	39	32	3100	105
23	513000	55	110	40	100	350	345	164	2.5	166.5	68	1210	1025	1056	194	1003	380	520	1120	28	39	36	3800	155
24	592000	55	110	40	100	360	355	164	2.5	166.5	68	1210	1025	1056	194	1003	380	520	1120	28	39	36	4300	135
25	684000	55	110	40	100	380	375	180	2.5	182.5	74	1320	1115	1150	194	1065.5	407	520	1220	29	45	36	5250	195
26	763000	55	110	40	100	400	395	180	2.5	182.5	74	1320	1115	1150	194	1065.5	407	520	1220	29	45	36	5660	170
27	852000	70	135	50	110	430	425	191	2.5	193.5	81	1460	1215	1248	240	1205.5	453	615	1345	31	52	32	6680	250
28	950000	70	135	50	110	450	445	191	2.5	193.5	81	1460	1215	1248	240	1205.5	453	615	1345	31	52	32	7180	220
29	1060000	70	135	50	110	460	450	197.5	5	202.5	87	1565	1320	1355	240	1252.5	483	615	1450	34	52	36	8500	310
30	1200000	70	135	50	110	480	470	197.5	5	202.5	87	1565	1320	1355	240	1252.5	483	615	1450	34	52	36	9070	280
31-36	根据用户要求供货 On request																							

1) 当d1≤50时公差为k6, 当d1>50时公差为m6
2) 不含胀紧盘与润滑油的重量
3) 有关平键(符合GB/T1095−1979)与中心孔请参390页
4) 孔的分布类型见389页
5) 当尺寸≤160时公差为h6

1) Shaft diameter d1≤50, tolerance k6, shaft diameter d1>50, tolerance m6
2) Weight without shrink disk and oil
3) For parallel key (GB/T1095−1979) and centre hole see page 390
4) For hole pattern, see page 389
5) ≤160 h6

类型 TYPES EQ3K.

规格 SIZES 9...30

额定功率PN Nominal power ratings (kW)

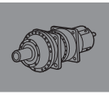
iN	n1 r/min	n2 r/min	规格 Sizes 9	10	11	12	13	14	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31 - 36
560	1500	2.68	6.3	9	12	17	24	33	46	58	70	84	101	112	128	146	169	195	218	243	271	303	342	根据用户要求供货 On request
	1000	1.79	4.2	6	8	11	16	22	30	38	46	56	67	75	86	98	113	130	145	162	181	202	228	
	750	1.34	3.1	4.4	6	9	12	17	23	29	35	42	51	56	64	73	84	98	109	122	136	151	171	
630	1500	2.38	5.6	7.8	11	15	21	30	41	51	62	75	90	99	114	130	150	174	194	216	241	269	304	
	1000	1.59	3.7	5.2	7	10	14	20	27	34	41	50	60	66	76	87	100	116	129	144	161	179	203	
	750	1.19	2.8	3.9	5	8	11	15	20	26	31	37	45	50	57	65	75	87	97	108	121	134	152	
710	1500	2.11	5.0	7	9	14	19	26	36	45	55	66	80	88	101	115	133	154	172	192	214	239	270	
	1000	1.41	3.3	4.5	6	9	12	18	24	30	37	44	53	59	68	77	89	103	115	128	143	159	180	
	750	1.06	2.5	3.5	5	7	9	13	18	23	27	33	40	44	51	58	67	77	86	96	107	119	135	
800	1500	1.88	4.4	6	8	12	17	23	32	40	49	59	71	78	90	102	118	137	152	170	190	212	240	
	1000	1.25	2.9	4	6	8	11	16	21	27	32	39	47	52	60	68	79	91	102	113	127	141	160	
	750	0.94	2.2	3	4	6	8	12	16	20	24	29	35	39	45	51	59	68	76	85	95	106	120	
900	1500	1.67	3.9	5.5	7.5	11	15	21	28	36	43	52	63	70	80	91	105	121	136	151	169	188	213	
	1000	1.11	2.6	3.7	5	7	10	14	19	24	29	35	42	46	53	61	70	81	90	101	112	125	142	
	750	0.83	2.0	2.7	3.7	5	7	10	14	18	22	26	31	35	40	46	53	61	68	76	84	94	107	
1000	1500	1.50	3.5	5	6.7	10	13	19	26	32	39	47	57	63	72	82	95	109	122	136	152	169	192	
	1000	1.00	2.3	3.3	4.5	6	9	12	17	22	26	31	38	42	48	55	63	73	81	91	101	113	128	
	750	0.75	1.8	2.5	3.4	5	7	9	13	16	19	24	28	31	36	41	47	55	61	68	76	85	96	
1120	1500	1.34	3.1	4.4	6	9	12	17	23	29	35	42	51	56	64	73	84	98	109	122	136	151	171	
	1000	0.89	2.1	2.9	4	6	8	11	15	19	23	28	34	37	43	49	56	65	73	81	90	101	114	
	750	0.67	1.6	2.2	3	4.5	6	8	11	14	17	21	25	28	32	37	42	49	54	61	68	76	86	
1250	1500	1.20	2.8	4.0	5.4	8	11	15	20	26	31	38	45	50	58	66	76	87	98	109	121	136	153	
	1000	0.80	1.9	2.6	3.6	5	7	10	14	17	21	25	30	33	38	44	50	58	65	73	81	90	102	
	750	0.60	1.4	2.0	2.7	4	5	7	10	13	16	19	23	25	29	33	38	44	49	54	61	68	77	
1400	1500	1.07	2.5	3.5	4.8	7	4.9	13	18	23	28	34	40	45	51	59	68	78	87	97	108	121	137	
	1000	0.71	1.7	2.4	3.2	5	6	9	12	15	19	22	27	30	34	39	45	52	58	65	72	81	91	
	750	0.54	1.3	1.8	2.4	3.5	4.5	7	9	12	14	17	20	22	26	29	34	39	44	49	54	61	68	
1600	1500	0.94	2.2	3.1	4.2	6	8	12	16	20	24	29	35	39	45	51	59	68	76	85	95	106	120	
	1000	0.63	1.5	2.1	2.8	4	6	8	11	13	16	20	24	26	30	34	39	46	51	57	63	71	80	
	750	0.47	1.1	1.5	2.1	3	4	6	8	10	12	15	18	20	22	26	30	34	38	43	47	53	60	
1800	1500	0.83	2.0	2.8	3.7	5	7	10	14	18	22	26	31	35	40	46	53	61	68	76	84	94	107	
	1000	0.56	1.3	1.8	2.5	4	5	7	9	12	14	17	21	23	27	30	35	40	45	50	56	63	71	
	750	0.42	1.0	1.4	1.9	2.7	3.7	5.2	7.1	9	11	13	16	17	20	23	26	30	34	38	42	47	53	
2000	1500	0.75	1.8	2.5	3.4	4.8	6.6	9.4	12.8	16	19	24	28	31	36	41	47	55	61	68	76	85	96	
	1000	0.50	1.2	1.7	2.2	3.2	4.4	6.2	8.5	11	13	16	19	21	24	27	32	36	41	45	51	56	64	
	750	0.38	0.9	1.2	1.7	2.4	3.3	4.7	6.4	8	10	12	14	16	18	20	24	27	30	34	38	42	48	
2240	1500	0.67	1.6	2.2	3.0	4.3	5.9	8.3	11.4	14	17	21	25	28	32	37	42	49	54	61	68	76	86	
	1000	0.45	1.0	1.5	2.0	2.9	3.9	5.6	7.6	10	12	14	17	19	21	24	28	33	36	41	45	50	57	
	750	0.33	0.8	1.1	1.5	2.1	3.0	4.2	5.7	7.2	8.7	10.5	12.6	14	16	18	21	24	27	30	34	38	43	
2500	1500	0.60	1.4	2.0	2.7	3.8	5.3	7.5	10.2	12.9	16	19	23	25	29	33	38	44	49	54	61	68	77	
	1000	0.40	0.9	1.3	1.8	2.6	3.5	5.0	6.8	8.6	10.4	12.6	15.1	17	19	22	25	29	33	36	20	45	51	
	750	0.30	0.7	1.0	1.3	1.9	2.7	3.7	5.1	6.5	7.8	9.4	11.3	13	14	16	19	22	24	27	30	34	38	
2800	1500	0.54	1.3	1.8	2.4	3.4	4.7	6.7	9.1	12	14	17	20	22	26	29	34	39	44	49	54	61	68	
	1000	0.36	0.8	1.2	1.6	2.3	3.2	4.5	6.1	7.7	9.3	11.2	13.5	15	17	20	23	26	29	32	36	40	46	
	750	0.27	0.6	0.9	1.2	1.7	2.4	3.3	4.6	5.8	7.0	8.4	10.1	11.2	13	15	17	20	22	24	27	30	34	
3150	1500	0.48	1.1	1.6	2.1	3.0	4.2	5.9	8.1	10.2	12	15	18	20	23	26	30	35	39	43	48	54	61	
	1000	0.32	0.7	1.0	1.4	2.0	2.8	4.0	5.4	6.8	8.3	10	12	13.3	15	17	20	23	26	29	32	36	41	
	750	0.24	0.6	0.8	1.1	1.5	2.1	3.0	4.1	5.1	6.2	7.5	9	9.9	11	13	15	17	19	22	24	27	30	
3550	1500	0.42	1.0	1.4	1.9	2.7	3.7	5.3	7.2	9.1	11	13	16	18	20	23	27	31	34	38	43	48	54	
	1000	0.28	0.7	0.9	1.3	1.8	2.5	3.5	4.8	6.1	7.3	8.9	10.6	11.8	14	15	18	21	23	26	29	32	36	
	750	0.21	0.5	0.7	0.9	1.4	1.9	2.6	3.6	4.5	5.5	6.6	8	8.8	10	12	13	15	17	19	21	24	27	
4000	1500	0.38	0.9	1.2	1.7	2.4	3.3	4.7	6.4	8.1	9.7	12	14	16	18	20	24	27	30	34	38	42	48	
	1000	0.25	0.6	0.8	1.1	1.6	4.2	3.1	4.3	5.4	6.5	7.9	9.4	10.4	12	14	16	18	20	23	25	28	32	
	750	0.19	0.4	0.6	0.8	1.2	1.7	2.3	3.2	4.0	4.9	5.9	7.1	7.8	9	10	12	14	15	17	19	21	24	

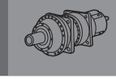
热功率PG1★) Thermal capacities PG1★) (kW)

安装类型 Settings	规格 Sizes 9	10	11	12	13	14	16	17	18	19/20	21/22	23/24	25/26	27/28	29/30	31/32	33/34	35/36
狭小空间 1) Small confined spaces	10	12	15	20	23	31	35	43	47	56	67	82	95	109	125	根据用户要求供货 On request		
室内大厅 2) 大车间 Large halls workshops	14	17	21	28	33	44	50	61	66	79	95	116	106	125	144			
室外 3) In the open	19	24	28	38	44	59	67	83	90	107	128	157	166	195	225			

★) 用于水平安装形式，其它安装形式请与我们联系。
1) 风速≥0.5 m/s
2) 风速≥1.4 m/s
3) 风速≥3.7 m/s

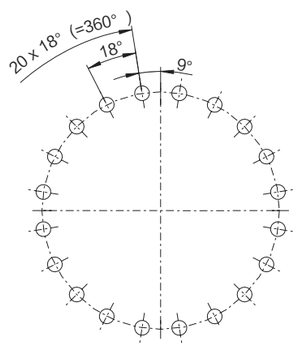
★) Values apply to horizontal mounting position, for other mounting positions please refer to us.
1) Wind velocity≥0.5 m/s
2) Wind velocity≥1.4 m/s
3) Wind velocity≥3.7 m/s



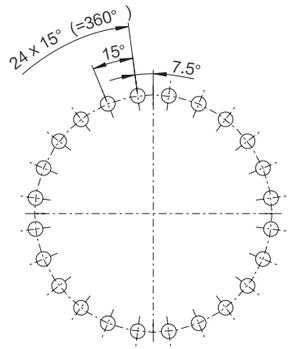


输出法兰孔布置形式
Hole Patterns on Output Flange

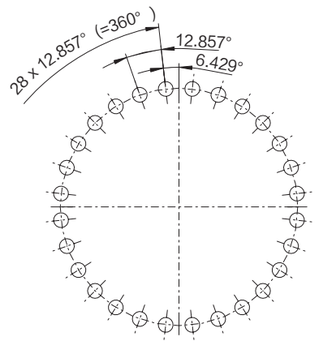
从输入端看
Viewing on input shaft



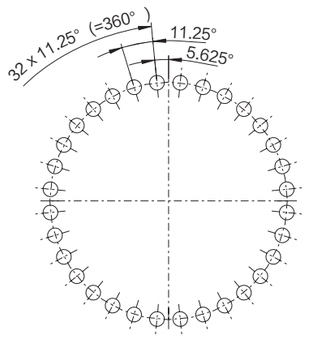
规格 Size: 11、12



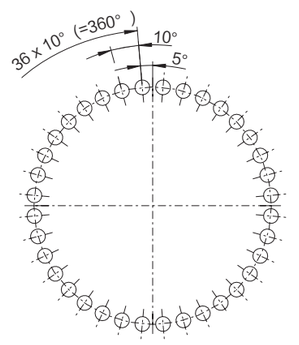
规格 Size: 9、13、17



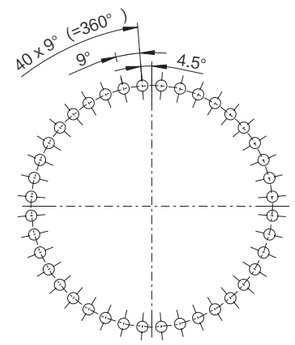
规格 Size: 10



规格 Size: 14、18、21、22、27、28、31、32



规格 Size: 16、19、20、23、24、25、26、29、30、33、34



规格 Size: 35、36

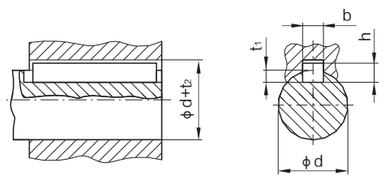
轴端螺纹孔、平键和键槽
Centre Holes in Shaft Ends, Parallel Key and Keyway

轴端螺纹孔 Centre holes in shaft end mm

轴径 d Diameter	⩾16–21	>21–24	>24–30	>30–38	>38–50	>50–85	>85–130	>130–225	>225–320	>320–500	>500–710
螺孔尺寸 Screw	M6	M8	M10	M12	M16	M20	M24	M30	M36	M42	M48

平键和键槽 Paralle key and keyway mm

平键紧固采用无锥度联接
平键和键槽根据GB/T1095–1979标准确定
Drive type fastening without taper action.
Paralle key and keyway acc. to GB/T1095–1979



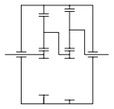
直径 Diameter d	宽度 Width b	高度 Height h	轴键槽深度 Depth of keyway in shaft t_1	轮毂键槽深度 Depth of keyway in hub $d+t_2$
>8–10	3	3	1.8	d+1.4
>10–12	4	4	2.5	d+1.8
>12–17	5	5	3	d+2.3
>17–22	6	6	3.5	d+2.8
>22–30	8	7	4	d+3.3
>30–38	10	8	5	d+3.3
>38–44	12	8	5	d+3.3
>44–50	14	9	5.5	d+3.8
>50–58	16	10	6	d+4.3
>58–65	18	11	7	d+4.4
>65–75	20	12	7.5	d+4.9
>75–85	22	14	9	d+5.4
>85–95	25	14	9	d+5.4
>95–110	28	16	10	d+6.4
>110–130	32	18	11	d+7.4
>130–150	36	20	12	d+8.4
>150–170	40	22	13	d+9.4
>170–200	45	25	15	d+10.4
>200–230	50	28	17	d+11.4
>230–260	56	32	20	d+12.4
>260–290	63	32	20	d+12.4
>290–330	70	36	22	d+14.4
>330–380	80	40	25	d+15.4
>380–440	90	45	28	d+17.4
>440–500	100	50	31	d+19.5

EQ系列行星减速器实际传动比
EQ Series Planetary gear units actual ratios

Actual Ratios for Types

EQ2N.and EQ2S.

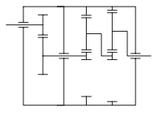
EQ2N.



i_N= 25...40

规格 Size	实际传动比 Actual Ratios				
	25	28	31.5	35.5	40
9	25.634	28.058	31.142	35.201	40.781
10	25.634	28.058	31.142	35.201	40.781
11	25.875	28.233	31.207	35.072	40.301
12	24.983	27.260	30.130	33.863	38.912
13	24.958	27.318	30.321	34.272	39.706
14	24.958	27.318	30.321	34.272	39.706
16	24.750	27.090	30.068	33.987	39.375
17	24.750	27.090	30.068	33.987	39.375
18	24.958	27.318	30.321	34.272	39.706
19/20	26.622	29.139	32.342	36.557	42.353
21/22	26.622	29.139	32.342	36.557	42.353
23/24	26.872	29.321	32.409	36.424	41.855
25/26	26.872	29.321	32.409	36.424	41.855
27/28	26.622	29.139	32.342	36.557	42.353
29/30	26.622	29.139	32.342	36.557	42.353
31/32	26.872	29.321	32.409	36.424	41.855
33/34	26.622	29.139	32.342	36.557	42.353
35/36	26.872	29.321	32.409	36.424	41.855

EQ2S.



i_N= 45...125

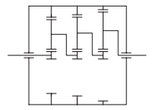
规格 Size	实际传动比 Actual Ratios									
	45	50	56	63	71	80	90	100	112	125
9	45.601	51.544	59.715	61.953	71.775	78.782	91.272	99.735	115.55	124.74
10	45.601	51.544	59.715	61.953	71.775	78.782	91.272	99.735	115.55	124.74
11	43.209	48.561	55.802	63.399	72.853	81.303	93.426	99.678	114.54	123.14
12	41.719	46.887	53.878	61.213	70.340	78.499	90.205	96.241	110.59	118.90
13	43.797	49.505	57.353	59.977	69.485	78.827	91.324	95.963	111.18	119.12
14	43.797	49.505	57.353	59.977	69.485	78.827	91.324	95.963	111.18	119.12
16	42.318	47.833	55.417	61.438	71.178	78.788	91.278	96.594	111.91	120.59
17	42.318	47.833	55.417	61.438	71.178	78.788	91.278	96.594	111.91	120.59
18	42.867	48.454	56.136	60.320	69.882	78.976	91.496	95.963	111.18	119.12
19/20	45.725	51.684	59.878	64.341	74.541	84.241	97.596	102.36	118.59	127.06
21/22	46.357	52.399	60.706	66.084	76.561	84.746	98.182	103.90	120.37	129.41
23/24	45.373	50.993	58.597	64.442	74.051	82.781	95.124	101.60	116.75	125.56
25/26	45.373	50.993	58.597	64.442	74.051	82.781	95.124	101.60	116.75	125.56
27/28	46.948	53.067	61.480	66.345	76.863	84.241	97.596	102.36	118.59	127.06
29/30	46.948	53.067	61.480	66.345	76.863	84.241	97.596	102.36	118.59	127.06
31/32	45.575	51.221	58.858	66.102	75.958	83.932	96.448	104.30	119.86	127.56
33/34	45.481	51.409	59.559	66.345	76.863	84.241	97.596	104.69	121.28	129.08
35/36	45.373	50.993	58.597	65.562	75.338	81.252	93.368	100.53	115.52	129.20

EQ系列行星减速器实际传动比
EQ Series Planetary gear units actual ratios

Actual Ratios for Types

EQ3N. and EQ3S.

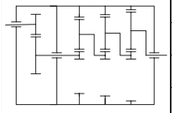
EQ3N.



i_N= 140...280

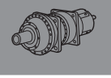
规格 Size	实际传动比 Actual Ratios						
	140	160	180	200	225	250	280
9	146.81	165.95	192.25	210.43	233.57	264.01	305.86
10	146.81	165.95	192.25	210.43	233.57	264.01	305.86
11	147.12	165.34	189.99	207.96	230.82	260.90	302.26
12	142.04	159.64	183.44	200.79	222.86	251.90	291.84
13	142.94	161.57	187.19	204.88	227.41	257.04	297.79
14	142.94	161.57	187.19	204.88	227.41	257.04	297.79
16	143.08	161.73	187.37	204.45	225.98	253.97	291.84
17	143.08	161.73	187.37	204.45	225.98	253.97	291.84
18	142.94	161.57	187.19	204.88	227.41	257.04	297.79
19/20	152.47	172.34	199.66	218.54	242.57	274.18	317.65
21/22	152.47	172.34	199.66	218.54	242.57	274.18	317.65
23/24	152.79	171.71	197.32	215.97	239.71	270.95	313.91
25/26	152.79	171.71	197.32	215.97	239.71	270.95	313.91
27/28	152.47	172.34	199.66	218.54	242.57	274.18	317.65
29/30	152.47	172.34	199.66	218.54	242.57	274.18	317.65
31/32	152.79	171.71	197.32	215.97	239.71	270.95	313.91
33/34	153.90	173.96	201.54	219.91	243.07	273.18	313.91
35/36	154.22	173.33	199.17	217.32	240.21	269.96	310.22

EQ3S.



i_N = 280...900

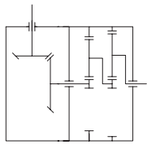
规格 Size	实际传动比 Actual Ratios										
	280	315	355	400	450	500	560	630	710	800	900
9	295.21	333.68	386.58	401.07	464.65	510.01	590.87	645.65	748.01	807.54	935.57
10	295.21	333.68	386.58	401.07	464.65	510.01	590.87	645.65	748.01	807.54	935.57
11	295.82	332.46	382.03	399.60	459.18	508.15	583.92	643.29	739.21	798.04	924.56
12	285.62	320.99	368.86	385.82	443.35	490.62	563.78	621.11	713.72	770.53	892.68
13	287.42	324.88	376.39	390.49	452.40	496.56	575.29	628.63	728.29	786.25	910.90
14	287.42	324.88	376.39	390.49	452.40	496.56	575.29	628.63	728.29	786.25	910.90
16	268.53	303.53	351.65	396.27	459.10	508.18	588.75	623.03	721.81	776.02	891.73
17	268.53	303.53	351.65	396.27	459.10	508.18	588.75	623.03	721.81	776.02	891.73
18	283.53	320.48	371.29	388.27	449.83	510.30	591.20	621.23	719.72	771.13	893.38
19/20	302.43	341.84	396.04	414.16	479.82	544.32	630.61	662.65	767.70	822.54	952.94
21/22	302.43	341.84	396.04	414.16	479.82	544.32	630.61	662.65	767.70	822.54	952.94
23/24	295.28	331.86	381.34	426.24	489.80	546.62	628.12	670.15	770.08	829.80	961.35
25/26	295.28	331.86	381.34	426.24	489.80	546.62	628.12	670.15	770.08	829.80	961.35
27/28	296.01	334.59	387.63	416.52	482.56	545.35	631.81	662.65	767.70	822.54	952.94
29/30	296.01	334.59	387.63	416.52	482.56	545.35	631.81	662.65	767.70	822.54	952.94
31/32	300.72	337.97	388.37	426.24	489.80	546.61	628.12	670.15	770.08	827.92	959.17
33/34	292.05	330.11	382.45	417.18	483.31	535.90	620.86	657.74	762.02	819.53	941.73
35/36	292.66	328.90	377.95	415.65	477.63	533.94	613.55	655.34	753.05	809.89	930.65



EQ系列行星减速器实际传动比
EQ Series Planetary gear units actual ratios

Actual Ratios for Types
EQ2L., EQ2K. and EQ3K.

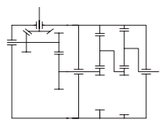
EQ2L.



i_N= 31.5...100

规格 Size	实际传动比 Actual Ratios										
	31.5	35.5	40	45	50	56	63	71	80	90	100
9	32.5354	35.6114	39.5264	43.8820	50.4205	55.7279	60.4522	69.6116	79.0529	86.2395	98.2172
10	32.5354	35.6114	39.5264	43.8820	50.4205	55.7279	60.4522	69.6116	79.0529	86.2395	98.2172
11	32.8413	35.8344	39.6083	43.4178	50.5248	55.8432	60.5774	69.7558	79.9667	86.4181	98.4206
12	31.7089	34.5987	38.2425	41.9206	48.7826	53.9176	58.4885	67.3504	77.2092	83.4381	95.0268
13	31.6775	34.6724	38.4842	42.1855	49.0910	54.2584	62.3262	67.7760	77.6972	83.9655	95.6273
14	31.6775	34.6724	38.4842	42.1855	49.0910	54.2584	62.3262	67.7760	77.6972	83.9655	95.6273
16	31.4135	34.3835	38.1635	41.8340	48.6818	53.8062	61.8068	67.2113	77.0497	83.2657	94.8304
17	31.4135	34.3835	38.1635	41.8340	48.6818	53.8062	61.8068	67.2113	77.0497	83.2657	94.8304
18	31.4286	34.4000	38.1818	43.1490	49.0910	54.8663	62.3262	67.7760	77.6972	83.9655	95.6273
19/20	33.5238	36.6933	40.7273	46.0255	52.3636	58.5241	66.4813	72.2944	82.8770	89.5631	102.0025
21/22	33.5238	36.3933	40.7273	46.0255	52.3636	58.5241	66.4813	72.2944	82.8770	89.5631	102.0025
23/24	33.8391	36.9231	40.8116	46.1208	52.4720	58.6452	66.6189	72.4441	83.0486	89.7486	102.2137
25/26	33.8391	36.9231	40.8116	46.1208	52.1366	58.6452	66.6189	72.4441	83.0486	89.7486	102.2137
27/28	33.5238	36.6933	40.7273	46.0255	52.0288	58.5241	66.4813	72.2944	82.8770	89.5631	102.0025
29/30	33.5238	36.6933	40.7273	46.0255	52.0288	58.5241	66.4813	72.2944	82.8770	89.5631	102.0025

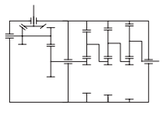
EQ2K.



i_N = 112...500

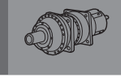
规格 Size	实际传动比 Actual Ratios													
	112	125	140	160	180	200	225	250	280	320	360	400	450	500
9	111.25	125.75	145.69	157.28	175.77	203.53	223.22	242.15	278.84	316.65	345.44	393.42	442.27	487.63
10	111.25	125.75	145.69	157.28	175.77	203.53	223.22	242.15	278.84	316.65	345.44	393.42	442.27	487.63
11	111.83	125.68	144.42	155.27	173.52	200.92	220.36	239.04	275.26	312.60	341.01	388.38	436.60	481.38
12	107.97	121.35	139.44	149.91	167.54	193.99	212.76	230.80	265.77	301.82	329.25	374.98	421.54	464.78
13	107.76	121.80	141.11	151.19	167.85	192.86	213.16	231.23	266.26	302.38	329.86	375.68	422.33	465.64
14	107.76	121.80	141.11	151.19	167.85	192.86	213.16	231.23	266.26	302.38	329.86	375.68	422.33	465.64
16	108.47	122.60	142.04	153.05	167.77	195.23	215.79	234.08	269.55	309.00	333.93	380.31	427.53	471.38
17	108.47	122.60	142.04	153.05	167.77	195.23	215.79	234.08	269.55	309.00	333.93	380.31	427.53	471.38
18	107.76	121.80	141.11	151.19	165.73	192.86	213.16	244.85	266.26	305.24	329.86	375.68	422.33	465.64
19/20	114.94	129.92	150.52	161.27	176.78	205.71	227.37	261.18	284.01	325.59	351.86	400.72	450.48	496.68

EQ3K.



i_N= 560...4000

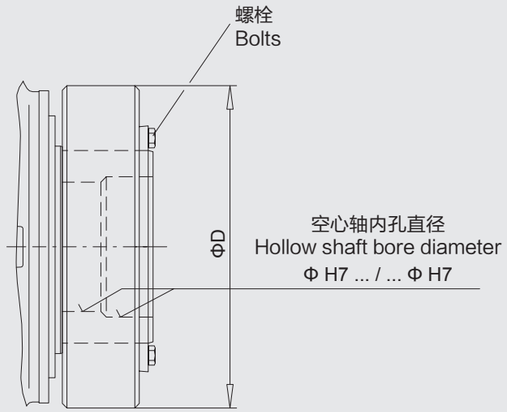
规格 Size	实际传动比 Actual Ratios																	
	560	630	710	800	900	1000	1120	1250	1400	1600	1800	2000	2240	2500	2800	3150	3550	4000
9	566.22	640.02	700.53	777.54	878.88	982.19	1137.3	1247.3	1353.1	1558.1	1769.4	1930.3	2198.4	2471.3	2724.8	3105.0	3597.2	4167.5
10	566.22	640.02	700.53	777.54	878.88	982.19	1137.3	1247.3	1353.1	1558.1	1769.4	1930.3	2198.4	2471.3	2724.8	3104.9	3597.2	4167.5
11	567.40	637.68	697.96	774,70	875.66	978.60	1133.1	1242.8	1348.1	1552.4	1762.9	1923.2	2190.3	2462.3	2714.8	3093.6	3584.1	4118.5
12	547.83	615.69	673.90	747.98	845.46	944.85	1094.0	1199.9	1301.6	1498.9	1702.1	1856.9	2114.8	2377.4	2621.2	2986.9	3460.5	3976.5
13	551.29	623.14	682.06	757.04	855.70	956.30	1107.3	1214.4	1317.4	1517.0	1722.8	1879.4	2140.4	2406.1	2652.9	3023.1	3502.4	4057.6
14	551.29	623.14	682.06	757.04	855.70	956.30	1107.3	1214.4	1317.4	1517.0	1722.8	1879.4	2140.4	2406.1	2652.9	3023.1	3502.4	4057.6
16	551.25	623.09	679.88	751.48	844.56	943.84	1092.9	1198.6	1300.2	1497.3	1700.3	1854.9	2112.5	2374.8	2618.4	2983.8	3428.7	3972.2
17	551.25	623.09	679.88	751.48	844.56	943.84	1092.9	1198.6	1300.2	1497.3	1700.3	1854.9	2112.5	2374.8	2618.4	2983.8	3428.7	3972.2
18	544.28	615.21	673.37	747.40	844.81	937.90	1077.6	1191.1	1292.1	1487.8	1689.6	1843.2	2099.2	2359.9	2601.9	2965.0	3435.0	3979.6
19/20	580.56	656.22	718.27	797.23	901.13	1000.4	1149.5	1270.5	1378.2	1587.0	1802.3	1966.1	2239.2	2517.2	2775.4	3162.6	3664.0	4244.9
21/22	580.56	656.22	718.27	797.23	901.13	1000.4	1149.5	1270.5	1378.2	1587.0	1802.3	1966.1	2239.2	2517.2	2775.4	3162.6	3664.0	4244.9
23/24	593.88	667.44	730.55	810.87	916.54	1004.7	1169.1	1292.2	1401.8	1614.2	1850.4	1999.7	2277.5	2560.2	2822.8	3216.7	3726.7	4282.4
25/26	593.88	667.44	730.55	810.87	916.54	1004.7	1169.1	1292.2	1401.8	1614.2	1850.4	1999.7	2277.5	2560.2	2822.8	3216.7	3726.7	4282.4
27/28	580.56	656.22	718.27	797.23	901.13	987.8	1149.5	1270.5	1459.4	1587.0	1819.3	1966.1	2239.2	2517.2	2775.4	3162.6	3664.0	4244.9
29/30	580.56	656.22	718.27	797.23	901.13	987.8	1149.5	1270.5	1459.4	1587.0	1819.3	1966.1	2239.2	2517.2	2775.4	3162.6	3664.0	4244.9



EQ系列行星减速器输出端尺寸
EQ Series Planetary gear units output terminal size

类型 TYPES EQ..D
规格 SIZES 9...36

EQ..D



机座号 Size	输出扭矩 Output T_{2N}（N.m）	胀紧盘 Shrink disk				重量 Weight (kg)
		内径 Size	D	螺栓 Bolts 型号 Size	螺栓 Bolts 拧紧力矩（N.m） Tightening torque	
9	22000	155	263	M14	100	15.2
10	31000	165	290	M16	240	21.5
11	42000	175	320	M16		32.7
12	60000	210	370	M20	470	53
13	83000	230	405	M20		66
14	117000	270	460	M20		103
16	160000	290	485	M24	470	120
17	202000	310	520	M24		138
18	244000	330	570	M24		189
19	295000	350	590	M24	820	207
20	354000	380	640	M27		244
21	392000	390	650	M27		249
22	450000	420	670	M27		285
23	513000	440	720	M27		357
24	592000	460	770	M27		419
25	684000	480	800	M30	1210	492
26	763000	500	850	M30		567
27	852000	530	910	M30		744
28	950000	560	940	M30		776
29	1060000	560	940	M30		736
30	1200000	590	960	M30		845
31	1330000	590	960	M30		835
32	1500000	620	1020	M30		1064
33	1680000	660	1070	M33	1640	1178
34	1920000	700	1140	M33		1345
35	2240000	750	1150	M33		1346
36	2600000	800	1230	M33		1646

EQ

EQ

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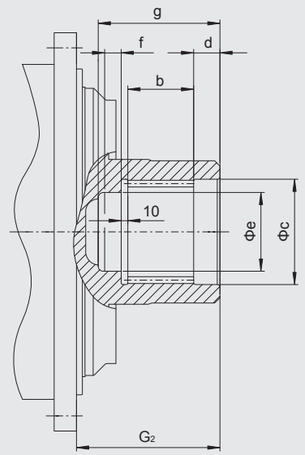
EQ系列行星减速器输出端尺寸
EQ Series Planetary gear units output terminal size

类型 TYPES EQ..KH.
规格 SIZES 9...30

EQ..KH.



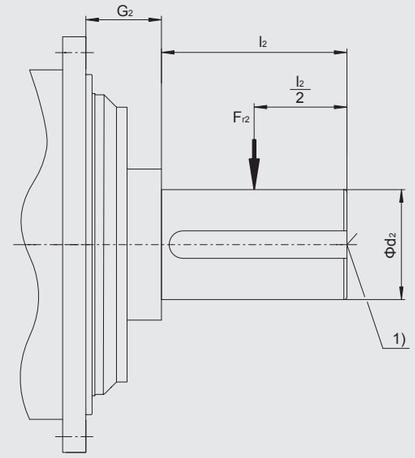
机座号 Size	输出扭矩 Output T_{2N}（N.m）	渐开线花键空心轴出轴 Hollow output shaft with involute splines							
		内花键规格 Involute splines acc.to DIN 5480	b	c H7	d	e H7	f	G_2	g
9	22000	120 x 5 x 30 x 22 x 9H	70	122	40	107	20	165	150
10	31000	130 x 5 x 30 x 24 x 9H	80	132	40	117	20	174	160
11	42000	140 x 5 x 30 x 26 x 9H	90	142	45	125	25	204	180
12	60000	160 x 5 x 30 x 30 x 9H	100	162	45	145	25	223	190
13	83000	180 x 5 x 30 x 34 x 9H	110	182	45	165	25	237	200
14	117000	210 x 5 x 30 x 40 x 9H	125	212	45	195	25	264	215
16	160000	240 x 8 x 30 x 28 x 9H	140	242	50	220	25	285	235
17	202000	250 x 8 x 30 x 30 x 9H	150	252	50	230	30	290	250
18	244000	260 x 8 x 30 x 31 x 9H	160	262	50	240	30	303	260
19	295000	280 x 8 x 30 x 34 x 9H	170	282	50	260	30	327.5	270
20	354000	300 x 8 x 30 x 36 x 9H	180	302	50	280	30	327.5	280
21	392000	310 x 8 x 30 x 37 x 9H	190	312	60	290	40	354	310
22	450000	330 x 8 x 30 x 40 x 9H	200	332	60	310	40	354	320
23	513000	340 x 8 x 30 x 41 x 9H	200	342	60	320	40	348	320
24	592000	360 x 8 x 30 x 44 x 9H	220	362	60	340	40	368	340
25	684000	380 x 8 x 30 x 46 x 9H	230	382	60	360	40	372	350
26	763000	400 x 8 x 30 x 48 x 9H	240	402	60	380	40	382	360
27	852000	440 x 8 x 30 x 54 x 9H	250	442	60	420	40	423	370
28	950000	450 x 8 x 30 x 55 x 9H	260	452	65	430	40	428	385
29	1060000	460 x 8 x 30 x 56 x 9H	270	462	65	440	45	433	400
30	1200000	480 x 8 x 30 x 58 x 9H	285	482	65	460	45	448	415

机座号 Size	输出扭矩 Output T_{2N}（N.m）	渐开线花键空心轴出轴 Hollow output shaft with involute splines							
		内花键规格 Involute splines acc.to GB/T3478.1	b	c H7	d	e H7	f	G_2	g
9	22000	22z x 5m x 30p x 6H	70	122	40	105	20	165	150
10	31000	24z x 5m x 30p x 6H	80	132	40	115	20	174	160
11	42000	26z x 5m x 30p x 6H	90	142	45	125	25	204	180
12	60000	30z x 5m x 30p x 6H	100	162	45	145	25	223	190
13	83000	34z x 5m x 30p x 6H	110	182	45	165	25	237	200
14	117000	40z x 5m x 30p x 6H	125	212	45	195	25	264	215
16	160000	28z x 8m x 30p x 6H	140	242	50	215	25	285	235
17	202000	30z x 8m x 30p x 6H	150	255	50	230	30	290	250
18	244000	31z x 8m x 30p x 6H	160	262	50	240	30	303	260
19	295000	33z x 8m x 30p x 6H	170	282	50	255	30	327.5	270
20	354000	36z x 8m x 30p x 6H	180	302	50	280	30	327.5	280
21	392000	37z x 8m x 30p x 6H	190	312	60	285	40	354	310
22	450000	40z x 8m x 30p x 6H	200	335	60	310	40	354	320
23	513000	41z x 8m x 30p x 6H	200	342	60	320	40	348	320
24	592000	43z x 8m x 30p x 6H	220	362	60	335	40	368	340
25	684000	46z x 8m x 30p x 6H	230	382	60	360	40	372	350
26	763000	48z x 8m x 30p x 6H	240	402	60	375	40	382	360
27–30	根据用户要求供货 Provided according to customer's requirements.								

EQ系列行星减速器输出端尺寸
EQ Series Planetary gear units output terminal size

类型 TYPES EQ..S.
规格 SIZES 9...36

EQ..S.



机座号 Size	输出扭矩 Output T_{2N}（N.m）	实心轴 Solid shaft			
		d_2 n_6	l_2	G_2	F_{r2}
9	22000	120	210	95	见367页 See page 367
10	31000	130	210	95	
11	42000	150	240	109	
12	60000	160	270	112	
13	83000	180	310	118	
14	117000	210	350	139	
16	160000	230	350	142	
17	202000	250	400	139	
18	244000	260	400	142	
19	295000	280	450	148.5	
20	354000	300	500	148.5	
21	392000	310	500	158	
22	450000	330	500	158	
23	513000	350	550	175	
24	592000	360	590	175	
25	684000	380	590	182	
26	763000	400	650	182	
27	852000	430	690	196.5	
28	950000	450	750	196.5	
29	1060000	460	750	209	
30	1200000	480	790	209	
31	1330000	500	790	232	
32	1500000	510	850	232	
33	1690000	530	900	251	
34	1920000	570	950	251	
35	2240000	600	1000	267	
36	2600000	640	1000	267	

1)有关平键（符合GB/T1095-1979）与中心孔参照390页
1)For parallel （GB/T1095-1979) and centre hole see page 390

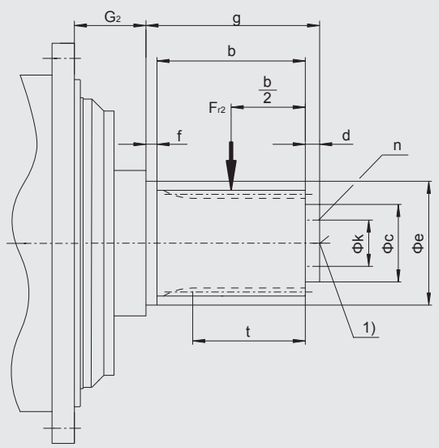
EQ

EQ系列行星减速器输出端尺寸
EQ Series Planetary gear units output terminal size

类型 TYPES EQ..KS.

规格 SIZES 9...30

Q..KS.



机座号 Size	输出扭矩 Output torque T_{2N} (N.m)	渐开线花键实心轴出轴 Hollow output shaft with involute splines												
		外花键规格 Involute splines acc.to		t	b	c k_6	d	e k_6	f	g	k	n	G_2	F_{r2}
		DIN 5480	GB/T3478.1											
9	22000	130x5x30x24x8m	25z x 5m x 30p x 5h	70	80	110	20	132	20	120	80	3xM16x24	95	见367页 See page 367
10	31000	140x5x30x26x8m	27z x 5m x 30p x 5h	80	90	120	20	142	20	130	90	3xM16x24	95	
11	42000	160x5x30x30x8m	31z x 5m x 30p x 5h	90	100	140	25	162	25	150	110	3xM16x24	109	
12	60000	180x5x30x34x8m	35z x 5m x 30p x 5h	100	110	90	25	182	25	160	130	3xM16x24	112	
13	83000	200x5x30x38x8m	39z x 5m x 30p x 5h	110	120	100	30	202	25	175	140	3xM16x24	118	
14	117000	220x5x30x42x8m	43z x 5m x 30p x 5h	125	135	120	30	222	30	195	160	3xM16x24	139	
16	160000	250x8x30x30x8m	30z x 8m x 30p x 5h	140	155	140	35	252	30	220	185	3xM20x30	142	
17	202000	260x8x30x31x8m	31z x 8m x 30p x 5h	150	165	155	40	262	35	240	200	3xM20x30	139	
18	244000	280x8x30x34x8m	34z x 8m x 30p x 5h	160	175	170	40	282	35	250	215	3xM20x30	142	
19	295000	300x8x30x36x8m	36z x 8m x 30p x 5h	170	185	180	40	302	35	260	225	3xM20x30	148.5	
20	354000	310x8x30x37x8m	37z x 8m x 30p x 5h	180	195	190	40	312	35	270	235	6xM20x30	148.5	
21	392000	320x8x30x38x8m	39z x 8m x 30p x 5h	190	205	200	40	322	35	280	250	6xM20x30	158	
22	450000	340x8x30x41x8m	41z x 8m x 30p x 5h	200	215	210	40	342	35	290	265	6xM20x30	158	
23	513000	360x8x30x44x8m	44z x 8m x 30p x 5h	200	215	230	40	362	35	290	275	6xM20x30	175	
24	592000	380x8x30x46x8m	46z x 8m x 30p x 5h	220	235	245	40	382	35	310	290	6xM20x30	175	
25	684000	400x8x30x48x8m	49z x 8m x 30p x 5h	230	245	260	40	402	35	320	310	6xM24x36	182	
26	763000	420x8x30x51x8m	51z x 8m x 30p x 5h	240	255	280	40	422	35	330	330	6xM24x36	182	
27–30	根据用户要求供货 On reuqest													

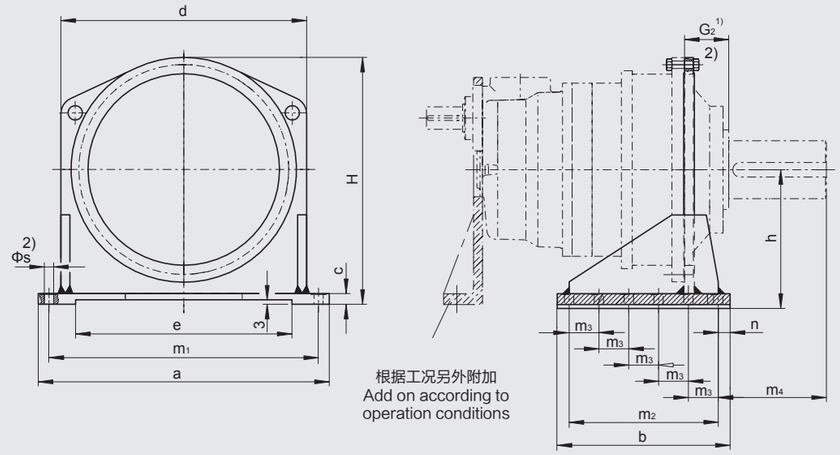
1)有关中心孔请参照390页

1)For centre hole see page 390

EQ系列行星减速器附件
EQ Series Planetary gear units Add-on Piece

1.齿轮箱底座 Gear Housing Base

96



机座号 Size	尺寸 Dimensions a	b	c	d	e	h	H	m_1	m_2	m_3	m_4	n	螺栓孔 Foundation bolt s	数量 QTY	重量 Weight (kg)
9	580	330	20	450	380	260	480	520	260	130	240	35	26	2x3	56
10	630	360	25	500	430	280	525	570	290	145	240	35	26	2x3	82
11	680	400	30	550	480	315	585	620	330	110	274	35	26	2x4	122
12	760	450	30	630	560	360	670	700	380	95	292	35	26	2x5	157
13	820	490	35	680	610	390	720	750	420	105	334	35	26	2x5	213
14	920	560	35	760	680	430	800	840	480	120	380	40	33	2x5	270
16	980	580	40	820	700	470	865	900	500	125	374	40	33	2x5	350
17	1130	670	45	940	810	540	998	1040	580	145	405	45	39	2x5	520
18	1180	720	45	980	830	560	1035	1080	620	155	393	50	39	2x5	580
19	1260	760	50	1050	880	590	1090	1160	640	160	450	60	45	2x5	720
20	1260	760	50	1050	880	590	1090	1160	640	160	500	60	45	2x5	720
21	1440	840	55	1170	1020	660	1228	1320	700	175	513	70	52	2x5	940
22	1440	840	55	1170	1020	660	1228	1320	700	175	513	70	52	2x5	940
23	1540	910	60	1270	1100	730	1345	1420	750	150	567	80	52	2x6	1275
24	1540	910	60	1270	1100	730	1345	1420	750	150	607	80	52	2x6	1275
25	1700	1000	65	1400	1240	795	1465	1550	860	215	574	70	62	2x5	1670
26	1700	1000	65	1400	1240	795	1465	1550	860	215	634	70	62	2x5	1670
27	1850	1100	70	1550	1370	870	1610	1700	950	190	664	75	62	2x6	2170
28	1850	1100	70	1550	1370	870	1610	1700	950	190	724	75	62	2x6	2170
29	1980	1180	75	1640	1460	925	1715	1820	1000	250	731	90	70	2x5	2650
30	1980	1180	75	1640	1460	925	1715	1820	1000	250	771	90	70	2x5	2650
31	2150	1300	75	1750	1570	1000	1845	1950	1100	220	773	100	70	2x6	3100
32	2150	1300	75	1750	1570	1000	1845	1950	1100	220	833	100	70	2x6	3100
33	2230	1350	85	1850	1630	1050	1940	2050	1150	230	883	100	78	2x6	3850
34	2230	1350	85	1850	1630	1050	1940	2050	1150	230	933	100	78	2x6	3850
35 + 36	根据用户要求供货 On reuqest														

1) 输出轴的尺寸，见396页

2) 见404页

1) For output shaft dimentions, see page 396

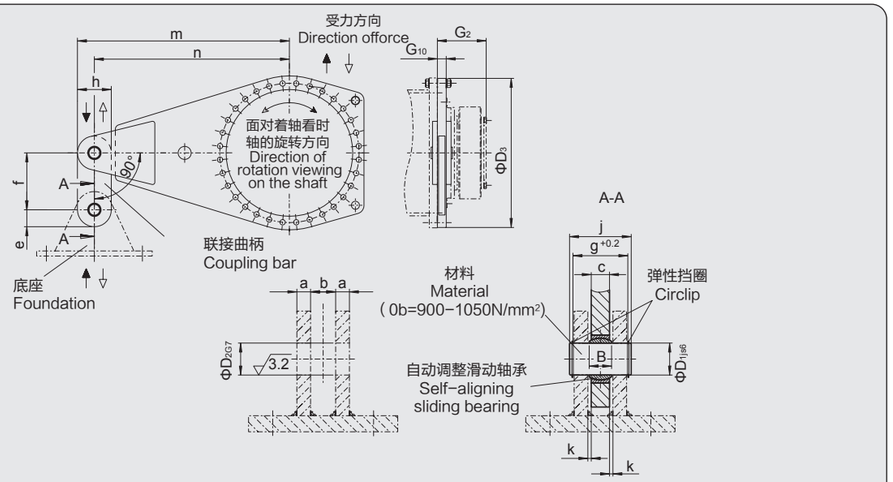
2) See page 404

EQ

EQ

EQ系列行星减速器附件
EQ Series Planetary gear units Add-on Piece

2.单侧扭矩支撑臂 Torque Reaction Arm on One Side



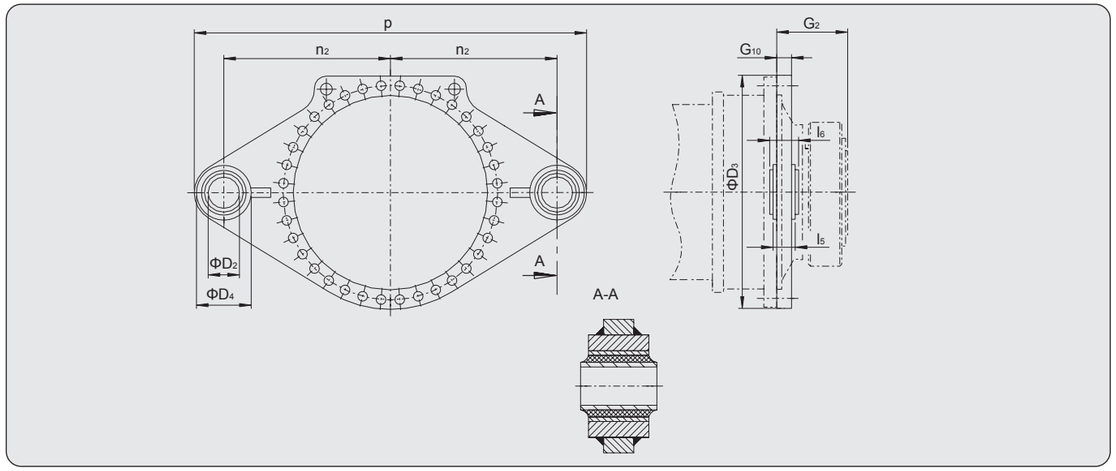
机座号 Size	输出扭矩 Output T_{2N} (N.m)	D_1 js6	D_2 G7	D_3	G_2	G_{10}	a min	b	B 1)	c	e	f	g +0.2	h	j	间隙 Clear-ance k	m	n	滑动轴承内径 Sliding bearing	重量 Weight (kg)
9	22000	30		440	165	25	15	25	22	18	50	140	59.5	100	70	3.5	605	555	30	38
10	31000	35		485	174	30	15	30	25	20	52.5	140	64.5	105	75	5	667.5	615	35	51
11	42000	40		540	204	30	18	30	28	22	65	160	70.5	130	85	4	750	685	40	82
12	60000	40		620	224	30	18	30	28	22	65	160	70.5	130	85	4	850	785	40	85
13	83000	45		665	241	35	20	35	32	25	72.5	180	79.5	145	95	5	912.5	840	45	113
14	117000	50		740	278	40	20	40	35	30	72.5	200	85	145	100	5	1012.5	940	50	145
16	160000	60		790	285	50	25	50	44	35	77.5	240	105	155	120	7.5	1077.5	1000	60	206
17	202000	60		915	294	50	25	50	44	35	85	240	105	170	120	7.5	1250	1165	60	274
18	244000	70		955	303	55	30	55	49	40	105	280	120	210	135	7.5	1315	1210	70	365
19	295000	80		1005	327.5	60	30	60	55	45	105	320	125	210	145	7.5	1405	1300	80	423
20	354000	80		1005	327.5	60	30	60	55	45	105	320	125	210	145	7.5	1405	1300	80	423
21	392000	80		1140	354	60	30	60	55	45	113	320	125	225	145	7.5	1562.5	1450	80	530
22	450000	80		1140	354	60	30	60	55	45	113	320	125	225	145	7.5	1562.5	1450	80	530
23	513000	90		1235	380	65	30	65	60	50	125	360	130	250	150	7.5	1700	1575	90	665
24	592000	90		1235	380	65	30	65	60	50	125	360	130	250	150	7.5	1700	1575	90	665
25	684000	100		1350	407	75	35	75	70	55	138	400	150	275	170	10	1857.5	1720	100	940
26	763000	100		1350	407	75	35	75	70	55	138	400	150	275	170	10	1857.5	1720	100	940
27	852000	110		1490	453	75	35	75	70	55	150	440	150	300	175	10	2050	1900	110	1120
28	950000	110		1490	453	75	35	75	70	55	150	440	150	300	175	10	2050	1900	110	1120
29	1060000	110		1600	483	75	35	75	70	55	158	440	150	315	175	10	2192.5	2035	110	1260
30	1200000	110		1600	483	75	35	75	70	55	158	440	150	315	175	10	2192.5	2035	110	1260
31 −36	根据用户要求供货 On reuqest																			

1) 公称尺寸B=22−35，公差−0.12
公称尺寸B=44−55，公差−0.15
公称尺寸B=60−70，公差−0.20

1) Nominal size B=22−35，tolerance−0.12
Nominal size B=44−55，tolerance−0.15
Nominal size B=60−70，tolerance−0.20

EQ系列行星减速器附件
EQ Series Planetary gear units Add-on Piece

3.带橡胶衬套的两侧扭矩支撑臂 Torque Reaction Arm on Two Sides with Rubber Bushes



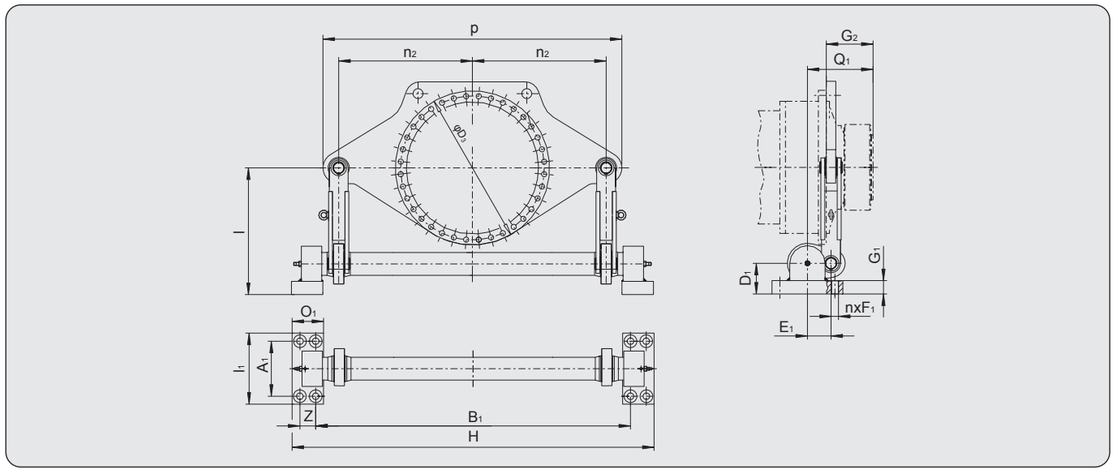
机座号 Size	额定输出扭矩 Output torque T_{2N} (N · m)	*) D_2 H9	D_3	D_4	G_2	G_{10}	l_5	l_6	n_2	P	重量 Weight (kg)
9	22000	50	440	115	165	30	100	110	500	1140	58
10	31000	50	485	115	174	30	100	110	550	1240	72
11	42000	100	540	180	204	30	110	120	575	1355	95
12	60000	100	620	180	224	35	110	120	625	1455	120
13	83000	110	665	210	241	35	170	180	600	1435	145
14	117000	110	740	210	278	40	170	180	650	1535	170
16	160000	124	790	240	285	40	220	230	700	1670	230
17	202000	124	915	240	288	40	220	230	750	1770	300
18	244000	124	955	240	303	50	220	230	900	2070	400

*)销轴: h8 *)Pin: h8

EQ系列行星减速器附件
EQ Series Planetary gear units Add-on Piece

4.扭力轴支撑架 Torsion Shaft Support

77



机座号 Size	额定输出扭矩 Output torque T_{2N} (N · m)	A1	B1	D3	D1	E1	F1 2)	数量 Qty n	G1	G2	H	l 1)	l1	n2	O1	P	Q1	Z	重量 Weight (kg)
9	22000	250	1414	610	120	105	33	8	48.5	165	1619	560	330	550	140	1230	247.5	65	300
10	31000	250	1414	610	120	105	33	8	48.5	174	1619	560	330	550	140	1230	256.5	65	300
11	42000	250	1414	610	120	105	33	8	48.5	204	1619	560	330	550	140	1230	286.5	65	300
12	60000	250	1414	610	120	105	33	8	48.5	224	1619	560	330	550	140	1230	306.5	65	300
13	83000	280	1604	775	155	145	39	8	68.5	241	1837	620	380	650	158	1450	358.5	75	600
14	117000	280	1604	775	155	145	39	8	68.5	278	1837	620	380	650	158	1450	395.5	75	600
16	160000	280	1604	775	155	145	39	8	68.5	285	1837	620	380	650	158	1450	402.5	75	600
17	202000	315	1777	955	170	165	39	8	73.5	294	2041	700	400	750	180	1680	431.5	84	900
18	244000	315	1777	955	170	165	39	8	73.5	303	2041	700	400	750	180	1680	440.5	84	900
19	295000	350	2000	985	195	175	45	8	83.5	328	2300	860	450	850	200	1900	470.5	100	1400
20	354000	350	2000	985	195	175	45	8	83.5	328	2300	860	450	850	200	1900	470.5	100	1400
21	392000	400	2254	1120	210	190	45	8	88.5	354	2591	900	530	950	225	2110	506.5	113	1700
22	450000	400	2254	1120	210	190	45	8	88.5	354	2591	900	530	950	225	2110	506.5	113	1700
23	513000	450	2496	1215	235	220	45	8	98.5	380	2871	1060	590	1063	250	2385	562.5	125	2150
24	592000	450	2496	1215	235	220	45	8	98.5	380	2871	1060	590	1063	250	2385	562.5	125	2150
25	684000	500	2816	1350	275	245	52	8	118.5	407	3236	1200	650	1150	280	2600	614.5	140	2700
26	763000	500	2816	1350	275	245	52	8	118.5	407	3236	1200	650	1150	280	2600	614.5	140	2700
27	852000	530	2887	1490	300	255	52	8	128.5	453	3327	1250	700	1250	290	2820	670.5	150	3400
28	950000	530	2887	1490	300	255	52	8	128.5	453	3327	1250	700	1250	290	2820	670.5	150	3400
29	1060000	560	3200	1565	300	280	62	8	128.5	483	3673	1350	750	1360	315	3080	718	158	4350
30	1200000	560	3200	1565	300	280	62	8	128.5	483	3673	1350	750	1360	315	3080	718	158	4350
31	1330000	590	3408	1695	340	300	70	8	148.5	538	3906	1400	790	1450	330	3260	788	168	5500
32	1500000	590	3408	1695	340	300	70	8	148.5	538	3906	1400	790	1450	330	3260	788	168	5500
33	1680000	620	3588	1785	375	320	70	8	158.5	573	4116	1500	840	1550	350	3520	840.5	178	7000
34	1920000	620	3588	1785	375	320	70	8	158.5	573	4116	1500	840	1550	350	3520	840.5	178	7000
35 - 36	根据用户要求供货 On request																		

1) 标准尺寸，整体高度可修正到2000mm
2) 锁紧用螺栓强度不得低于6.8级

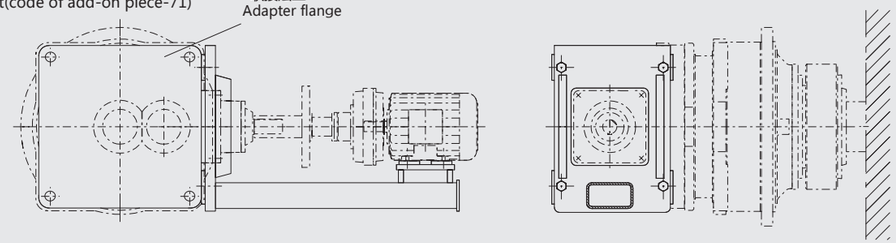
1) Standard dimension, overall height modifiable up to 2000mm
2) The bolts used for lock are not lower than class 6.8

EQ系列行星减速器附件
EQ Series Planetary gear units Add-on Piece

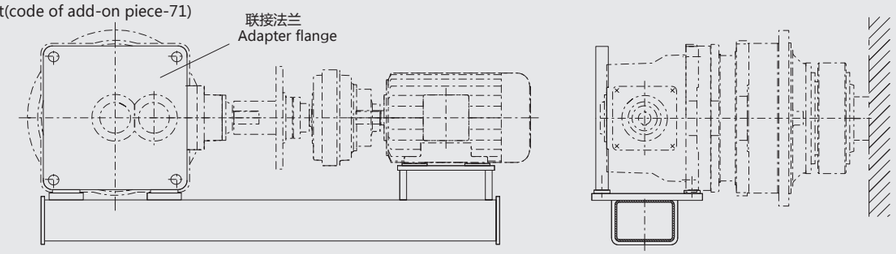
5.电机安装支架 Motor bracket

71、72

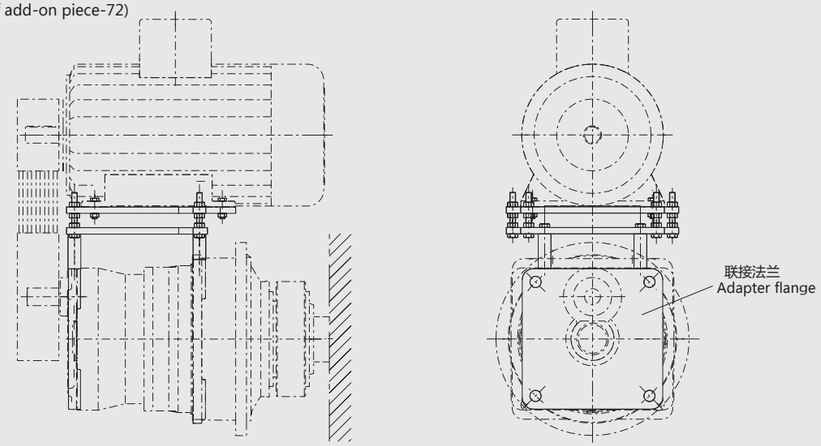
电机安装支架(附件代号-71)
Motor bracket(code of add-on piece-71)



电机安装支架(附件代号-71)
Motor bracket(code of add-on piece-71)



电机安装支架(附件代号-72)
Motor bracket(code of add-on piece-72)

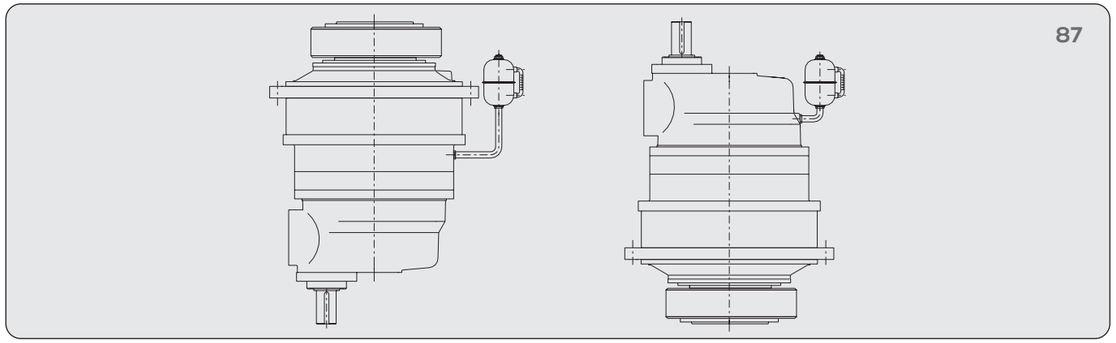


如果不用钟形电机支架，可以采用法兰联接的电机支架，如上图所示。
In cases where no motor bell housings are provided we use an adapter flange to attach motor brackets, they are shown in the above drawings.

EQ

EQ系列行星减速器附件
EQ Series Planetary gear units Add-on Piece

6.立式安装补偿油箱
Oil Compensating Tank for Vertical Mounting Positionort

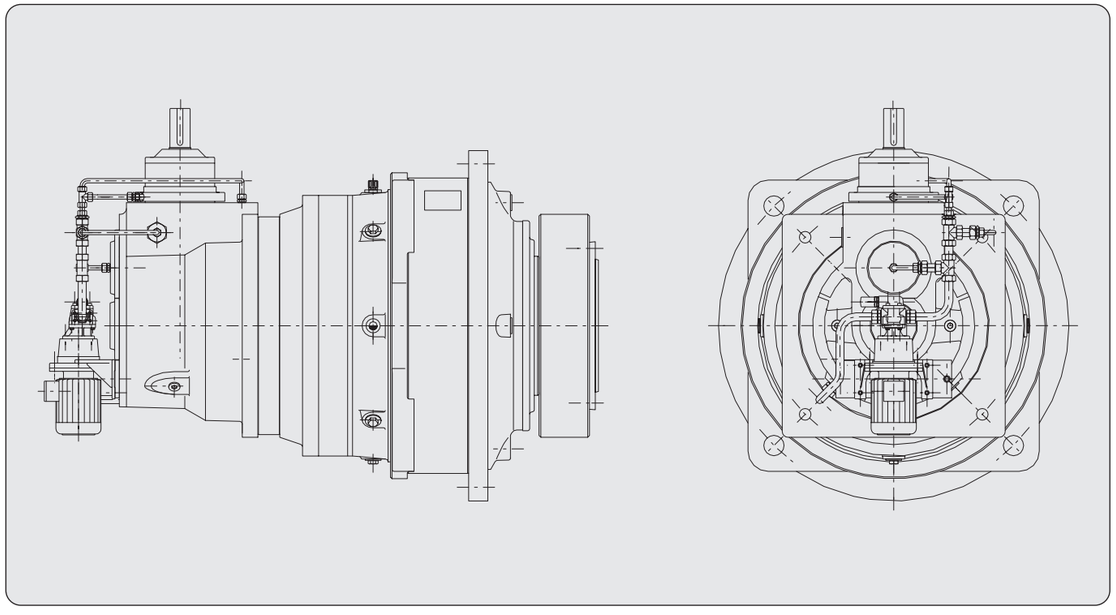


立式安装时，为保证上端的轴承得到可靠润滑必须相应的提高油位，油位通过家装的补偿油箱来加高和检查。补偿油箱上装有通气孔器，如上图所示。油箱可安装在减速器上，也可安装在客户的机器上。

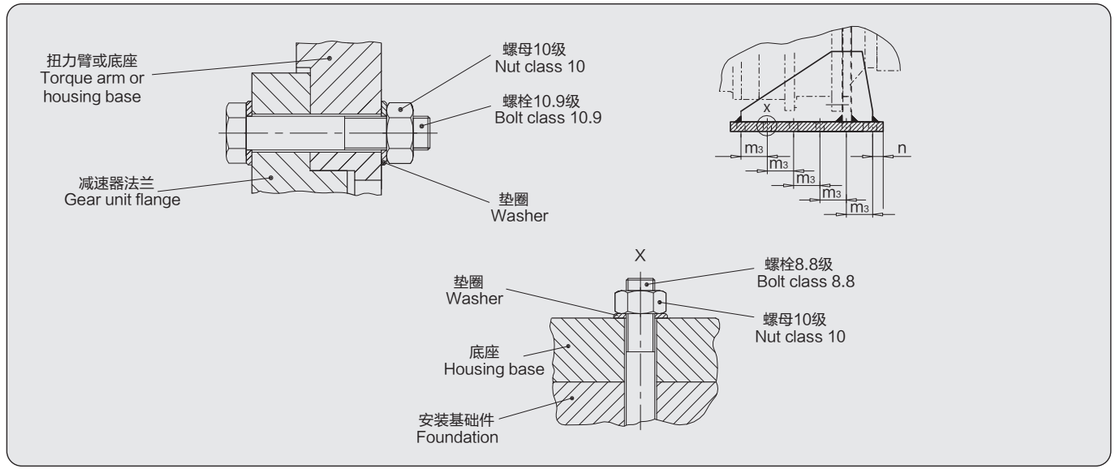
In case of vertical mounting position, to ensure the lubrication of the upper bearing, the oil level is inc-reased accordingly, the oil level is increased and che-cked via an oil compensating tank fitted separately. The oil tank installs the breather valve, it’ s shown in the above drawings. The oil tank can be attached either to the gear units, or to the customer’ s machine frame.

EQS、EQK、EQL当安装布置方位为B51的卧式安装时需配备电动油泵强制润滑，如下图

For EQS、EQK、EQL, in case of mounting positions B51 horizontal, it needs to mount the motor pumps for forced lubrication. Shown in the following drawings.



法兰联接及底座安装的螺母预紧扭矩
Thghtening Torques for Flange Connections and Foot-mouted Design



机座号 Size	法兰联接 Flange attachment		底座联接 Base attachment	
	螺栓 Thread (10.9)	预紧扭矩(N.m) Tightening torque	螺栓 Thread (8.8)	预紧扭矩(N.m) Tightening torque
9	M16	295	M24	710
10	M16	295	M24	710
11	M20	580	M24	710
12	M24	1000	M24	710
13	M24	1000	M24	710
14	M24	1000	M30	1450
16	M24	1000	M30	1450
17	M30	2000	M36	2530
18	M30	2000	M36	2530
19/20	M30	2000	M42	4070
21/22	M36	3560	M48	6140
23/24	M36	3560	M48	6140
25/26	M42	5720	M56	9840
27/28	M48	8640	M56	9840
29/30	M48	8640	M64	14300
31/32	M56	13850	M64	14300
33/34	M56	13850	M64	14300
35/36	M56	13850	M72x6	20800

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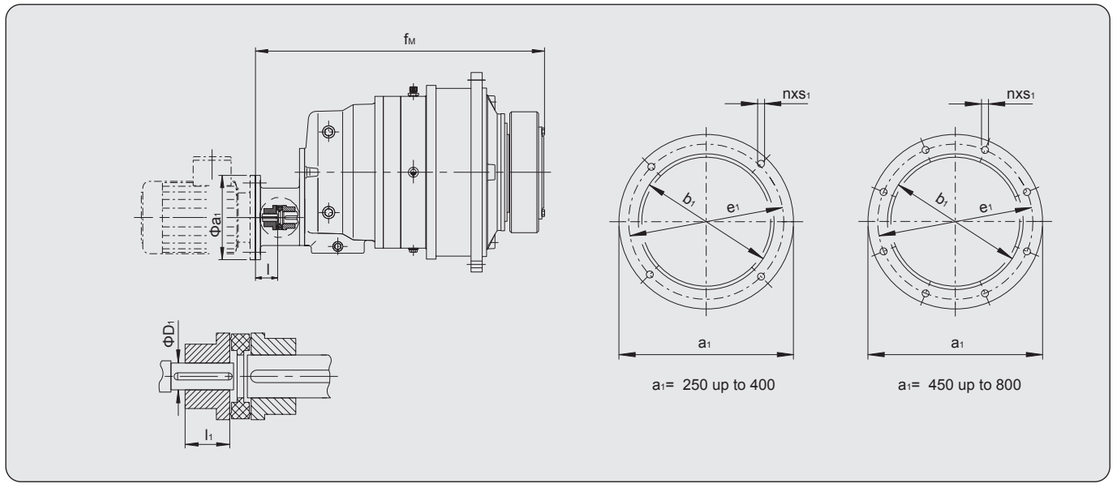
EQ系列减速机带电机法兰输入
Planetary gear units with motor flange and coupling

With Motor Bell Housing and Coupling **Type**

Q2S



EQ2S	电机 Motor (Y)*	法兰 Flange (F)**	a1	b1(h7)	D1	e1	fM	l1	l	n	s1
9	160		350	250	42	300	827	50	85	4	M16
	180		350	250	48	300	827	50	85	4	M16
10	160		350	250	42	300	856	50	85	4	M16
	180		350	250	48	300	856	50	85	4	M16
11	160		350	250	42	300	995	60	95	4	M16
	180		350	250	48	300	995	60	95	4	M16
	200		400	300	55	350	1007	75	110	4	M16
12	160		350	250	42	300	1029	60	95	4	M16
	180		350	250	48	300	1029	60	95	4	M16
	200		400	300	55	350	1041	75	110	4	M16
13	225		450	350	60	400	1243	80	130	8	M16
	250		550	450	65	500	1243	80	130	8	M16
14	225		450	350	60	400	1303	80	130	8	M16
	250		550	450	65	500	1303	80	130	8	M16
16	250		550	450	65	500	1432	80	120	8	M16
	280		550	450	75	500	1447	90	130	8	M16
17	250		550	450	65	500	1467	80	120	8	M16
	280		550	450	75	500	1482	90	130	8	M16
18	315		660	550	80	600	1660	90	120	8	M20
19, 20	315		660	550	80	600	1708	90	120	8	M20

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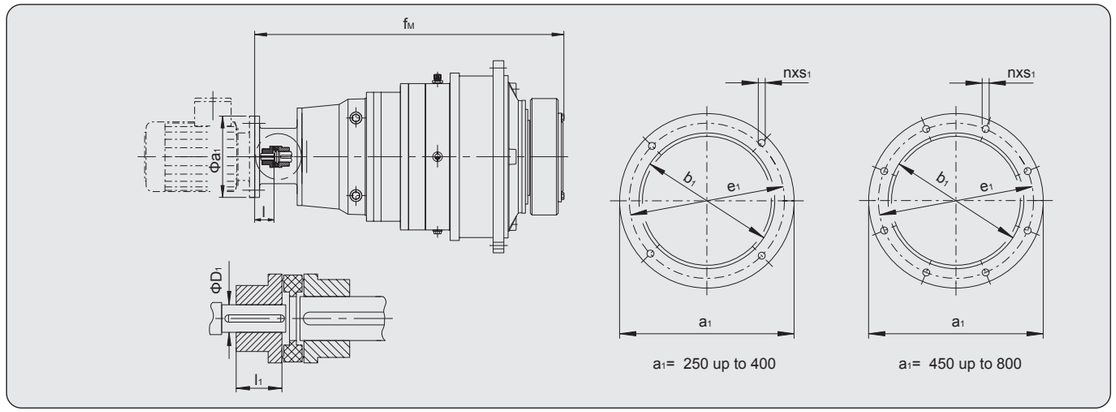
“ ** ” 表格中所示的法兰为标准型号的法兰，如有异同请另咨询
2) 侧面扭力臂组合，请咨询

Note :1) “ * ” Power of selected motor must meet transmissio table
“ ** ” Indicate standard flange, if special dimension is needed, please consult us
2) For combination with torque arm on one side, please refer to us

EQ系列减速机带电机法兰输入
Planetary gear units with motor flange and coupling

With Motor Bell Housing and Coupling **Type**

EQ3N



EQ3N	电机 Motor (Y)*	法兰 Flange (F)**	a1	b1(h7)	D1	e1	fM	l1	l	n	s1
9	132		300	230	38	265	912	60	84	4	M12
	160		350	250	42	300	948	60	90	4	M16
	180		350	250	48	300	948	65	95	4	M16
10	132		300	230	38	265	941	60	84	4	M12
	160		350	250	42	300	977	60	90	4	M16
	180		350	250	48	300	977	65	95	4	M16
11	132		300	230	38	265	1002	60	84	4	M12
	160		350	250	42	300	1038	60	90	4	M16
	180		350	250	48	300	1038	65	95	4	M16
12	132		300	230	38	265	1036	60	84	4	M12
	160		350	250	42	300	1072	60	90	4	M16
	180		350	250	48	300	1072	65	95	4	M16
13	160		350	250	42	300	1147	60	90	4	M16
	180		350	250	48	300	1147	65	95	4	M16
	200		400	300	55	350	1159	75	105	4	M16
14	160		350	250	42	300	1207	60	90	4	M16
	180		350	250	48	300	1207	65	95	4	M16
	200		400	300	55	350	1219	75	105	4	M16
16	200		400	300	55	350	1372	80	100	4	M16
	225		450	350	60	400	1413	80	130	8	M16
17	200		400	300	55	350	1407	80	100	4	M16
	225		450	350	60	400	1448	80	130	8	M16
18	250		500	450	65	500	1607	80	120	8	M16
	280		550	450	75	500	1628	90	130	8	M16
19, 20	250		550	450	65	500	1665	80	120	8	M16
	280		550	450	75	500	1675	90	130	8	M16

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2) 侧面扭力臂组合，请咨询

Note：1) “ * ” Power of selected motor must meet transmissio table
“ ** ” Indicate standard flange, if special dimension is needed, please consult us
2) For combination with torque arm on one side, please refer to us

EQ

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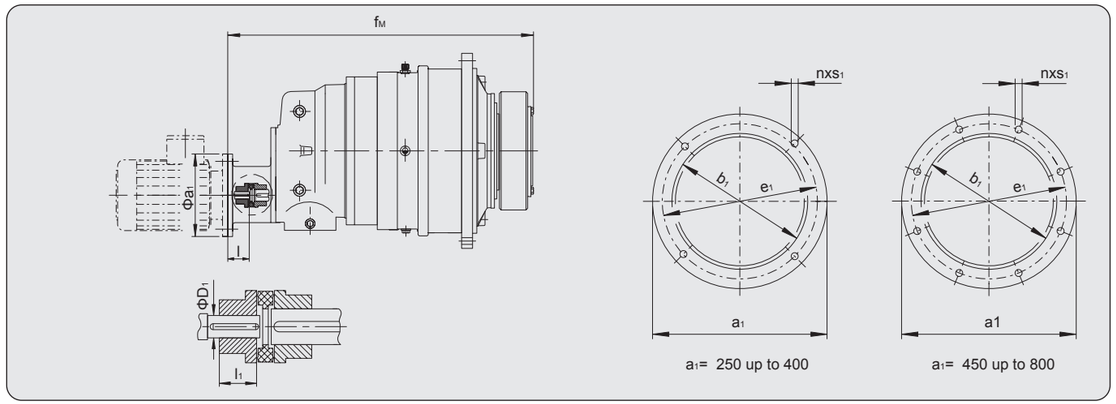
EQ系列减速机带电机法兰输入
Planetary gear units with motor flange and coupling

With Motor Bell Housing and Coupling **Type** Q3S



EQ3S	电机 Motor (Y)*	法兰 Flange (F)**	a1	b1	D1	e1	fM	l1	l	n	s1
9	100		250	180	28	215	855	50	65	4	M12
	112		250	180	28	215	855	50	65	4	M12
	132		300	230	38	265	887	50	60	4	M12
	160		350	250	42	300	923	50	85	4	M16
10	100		250	180	28	215	884	50	65	4	M12
	112		250	180	28	215	884	50	65	4	M12
	132		300	230	38	265	916	50	60	4	M12
	160		350	250	42	300	952	50	85	4	M16
11	112		250	180	28	215	945	50	65	4	M12
	132		300	230	38	265	977	50	60	4	M12
	160		350	250	42	300	1013	50	85	4	M16
	180		350	250	48	300	1013	50	85	4	M16
12	112		250	180	28	215	979	50	65	4	M12
	132		300	230	38	265	1011	50	60	4	M12
	160		350	250	42	300	1047	50	85	4	M16
	180		350	250	48	300	1047	50	85	4	M16
13	132		300	230	38	265	1086	50	60	4	M12
	160		350	250	42	300	1122	50	85	4	M16
	180		350	250	48	300	1122	50	85	4	M16
14	132		300	230	38	265	1146	50	60	4	M12
	160		350	250	42	300	1182	50	85	4	M16
	180		350	250	48	300	1182	50	85	4	M16
16	160		350	250	42	300	1350	60	95	4	M16
	180		350	250	48	300	1350	65	100	4	M16
	200		400	300	55	350	1362	75	110	4	M16
17	160		350	250	42	300	1385	60	95	4	M16
	180		350	250	48	300	1385	65	100	4	M16
	200		400	300	55	350	1397	75	110	4	M16
18	180		350	250	48	300	1552	80	100	4	M16
	200		400	300	55	350	1564	80	100	4	M16
	225		450	350	60	400	1605	80	100	8	M16
	250		550	450	65	500	1605	80	100	8	M16
19 , 20	180		350	250	48	300	1599	80	100	4	M16
	200		400	300	55	350	1611	80	100	4	M16
	225		450	350	60	400	1652	80	100	8	M16
	250		550	450	65	500	1652	80	100	8	M16

注：1) “ * ” 所选直联电机机座号所对应的功率应满足传动能力表
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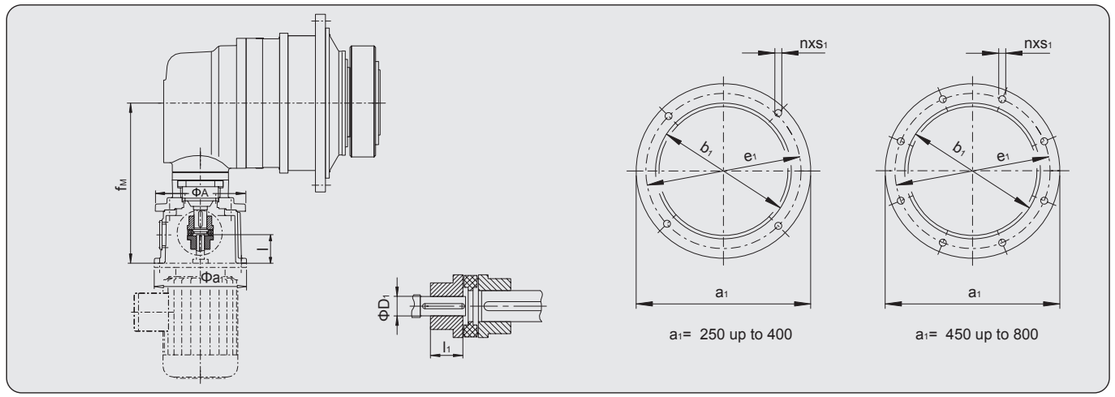
2) For combination with torque arm on one side, please refer to us

EQ系列减速机带电机法兰输入
Planetary gear units with motor flange and coupling

With Motor Bell Housing and Coupling **Type** EQ2K



EQ2K	电机 Motor (Y)*	法兰 Flange (F)**	a1	A	b1	D1	e1	fM	l	l1	n	s1
9, 10	132		300	250	230	38	265	475	45	35	4	M12
	160		350	250	250	42	300	502.5	75	40	4	M16
11, 12	160		350	300	250	42	300	570	75	40	4	M16
	160		350	300	250	42	300	570	75	40	4	M16
	180		350	350	250	48	300	570	75	50	4	M16
	200		400	350	300	55	350	582.5	95	60	4	M16
13,14	160		350	440	250	42	300	658.5	75	40	4	M16
	180		350	440	250	48	300	658.5	85	50	4	M16
	200		400	440	300	55	350	664.5	95	60	4	M16
	225		450	440	350	60	400	690.5	125	65	8	M16
	250		550	440	450	65	500	695	120	65	8	M16
16, 17	200		400	440	300	55	350	754.5	90	60	4	M16
	225		450	440	350	60	400	795.5	125	65	8	M16
	250		550	440	450	65	500	797	120	65	8	M16
	280		550	440	450	75	500	796	130	75	8	M16
18, 19, 20	225		450	440	350	60	400	898.5	125	65	8	M16
	250		550	440	450	65	500	898.5	120	65	8	M16
	280		550	440	450	75	500	899	130	75	8	M16
	315*		660	440	550	80	600	921	150	80	8	M20

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Note :1) “ * ” Power of selected motor must meet transmissio table
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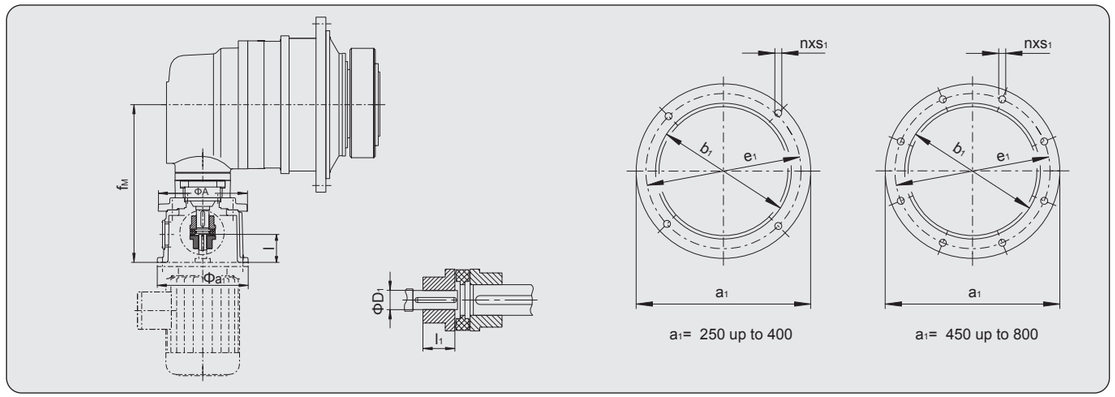
2) For combination with torque arm on one side, please refer to us

EQ

EQ系列减速机带电机法兰输入
Planetary gear units with motor flange and coupling

With Motor Bell Housing and Coupling **Type** EQ2L



EQ2L	电机 Motor (Y)*	法兰 Flange (F)**	a1	A	b1	D1	e1	fM	l	l1	n	s1
9, 10	160		350	440	250	42	300	518.5	75	40	4	M16
	180		350	440	250	48	300	518.5	85	50	4	M16
	200		400	440	300	55	350	524.5	95	60	4	M16
	225		450	440	350	60	400	550.5	125	65	8	M16
11, 12	200		400	440	300	55	350	584.5	95	60	4	M16
	225		450	440	350	60	400	625.5	125	65	8	M16
	250		550	440	450	65	500	627	120	65	8	M16
13,14	225		450	440	350	60	400	698.5	120	65	8	M16
	250		550	440	450	65	500	698.5	120	65	8	M16
	280		550	440	450	75	500	699	130	75	8	M16
16, 17	280		550	600	450	75	500	808	115	75	8	M16
	315*		660	650	550	80	600	825	150	80	8	M20
	315MC		660	650	550	80	600	825	160	90	8	M20
	315MD		660	650	550	80	600	825	160	90	8	M20
	315LB		660	650	550	80	600	825	170	100	8	M20
18, 19, 20	315*		660	650	550	80	600	938	150	80	8	M20
	315MC		660	650	550	80	600	938	160	90	8	M20
	315MD		660	650	550	80	600	938	160	90	8	M20
	315LB		660	650	550	80	600	938	170	100	8	M20
21, 22, 23, 24	315MC		660	650	550	80	600	1085	135	90	8	M20
	315MD		660	650	550	80	600	1085	135	90	8	M20
	315LB		660	650	550	80	600	1085	145	100	8	M20
	355MB		800	650	680	95	740	1087	145	100	8	M20
	355LB		800	650	680	95	740	1087	155	110	8	M20

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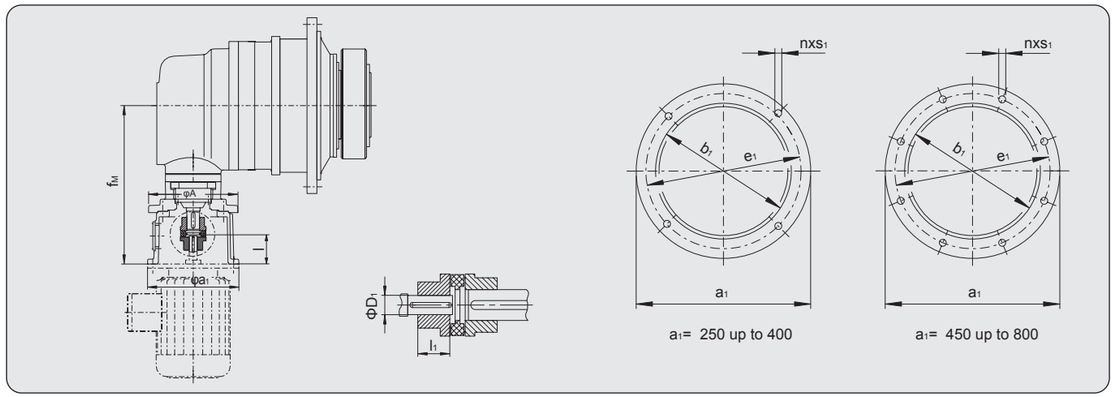
EQ系列减速机带电机法兰输入
Planetary gear units with motor flange and coupling

With Motor Bell Housing and Coupling **Type** EQ3K



EQ3K	电机 Motor (Y)*	法兰 Flange (F)**	a1	A	b1	D1	e1	fM	l	l1	n	s1
9, 10, 11, 12, 13, 14	132		300	250	230	38	265	475	45	35	4	M12
	160		350	250	250	42	300	502.5	75	40	4	M16
	180		350	250	250	48	300	502.5	75	40	4	M16
16, 17	160		350	350	250	42	300	571.5	75	40	4	M16
	180		350	350	250	40	300	571.5	85	50	4	M16
	200		400	350	300	55	350	582.5	95	60	4	M16
18, 19, 20 21, 22	160		350	440	250	42	300	658.5	75	40	4	M16
	180		350	440	250	48	300	658.5	85	50	4	M16
	200		400	440	300	35	350	664.5	95	60	4	M16
	225		450	440	350	60	400	690.5	125	65	8	M16
	250		550	440	450	65	500	690.5	120	65	8	M16
23, 24, 25, 26	200		400	440	300	55	350	754.5	90	60	4	M16
	225		450	440	350	60	400	795.5	125	65	8	M16
	250		550	440	450	52	500	797	120	65	8	M16
	280		550	440	450	75	500	796	130	75	8	M16
27, 28, 29, 30	225		450	440	350	60	400	898.5	120	65	8	M16
	250		550	440	450	65	500	898.5	120	65	8	M16
	280		550	440	450	75	500	884	130	75	8	M16
	315*		660	440	550	80	600	921	150	80	8	M20

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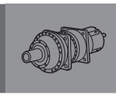
EQ



EQ

EQ系列行星减速机
EQ Series Planetary gear units

减速器润滑
润滑油种类选择

减速器使用工况	润滑油种类
冶金轧刚、井下采掘、高温有冲击、含水等	L-CKD重载荷工业齿轮油 (GB5903-1995)
其余工况	L-CKC中载荷工业齿轮油 (GB5903-1995)

注 若选用合成齿轮油则更具有良好的抗老化性能，可有效地提高减速器的机械效率。

Gear Units Lubrication
Lubricant selection

Operating conditions of Gear units	Lubricant specification
Steel rolling, excavating, high temperature with shock, moisture, etc.	L-CKD heavy load industrial gear oil (GB5903-1995)
Others	L-CKC moderate load industrial gear oil (GB5903-1995)

Note It adopts the synthetic oil which has the better performance of anti-ageing so that improves the mechanical efficiency effectively.

润滑油粘度

条件	润滑油粘度等级 40℃温度下的ISO-VG 粘度mm^2/s(cst)
高速圆周速度v＜2.5m/s, 或环境温度在35-50℃之间	VG320(或VG460)
高速级齿轮圆周速度v＞2.5m/s, 或环境温度在35℃以下, 或采用循环油润滑	VG220

Lubricant viscosity

Conditions	Lubricant viscosity classification Viscosity ISO-VG at 40℃ in mm^2/s(cst)
Rotation velocity of high speed stage v＜2.5m/s, or ambient temperature between 35-50℃	VG320(or VG460)
Rotation velocity of high speed stage v＞2.5m/s, or ambient temperature at 35℃, or lubrication with circulating oil	VG220

浸油润滑润滑油的工作温度

润滑油种类	工作温度/℃
中载荷工业齿轮油L-CKC	-8℃至+90℃ (瞬间可达100℃)
重载荷工业齿轮油L-CKD	-5℃至+100℃ (瞬间可达110℃)

注意 :如果减速器的工作温度高于或低于表中规定极限值则应重新确定合适的润滑油。当环境温度低于0℃时启动前油温需加热到0℃以上。

Lubricant viscosity

Lubricant specification	Working temperature/℃
L-CKC moderate load industrial gear oil	From -8℃ to +90℃ (up to 100℃ moment)
L-CKD heavy load industrial gear oil	From -5℃ to +100℃ (up to 110℃ moment)

Notes :If the temperatures of gear units are above to below the values as listed in table, it determines the proper oil again, If the ambient temperatures are below 0℃, the oil has to be heated above 0℃.

强制润滑润滑油允许的极限温度

40℃温度下的ISO-VG 粘度mm^2/s(cst)	强制润滑允许的极限温度/℃	
	矿物油	合成油
VG220	10-80	0-90
VG320	15-90	5-100
VG460	20-95	10-105

注意 :当油温低于表中所列数值时，必须提供浸油润滑方式，或对润滑油加热。

Permissible temperature limit for forced feed lubrication

Viscosity ISO-VG at 40℃ in mm^2/s(cst)	Permissible temperature limit for forced feed lubrication/℃	
	Mineral oil	Synthetic oil
VG220	10-80	0-90
VG320	15-90	5-100
VG460	20-95	10-105

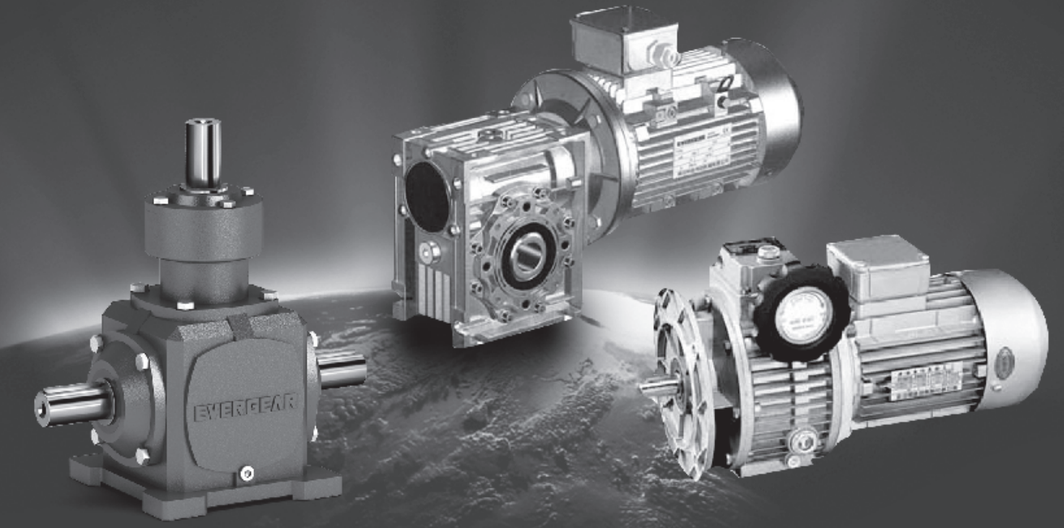
Notes :If the temperatures are below the values as listed in table, dip lubrication has to be provded or the oil must be heated.

OTHER Series

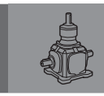
EZ系列弧齿锥齿轮减速机
EZ Series Spiral Bevel Gear Reducer

MB无级变速机
MB Variable Speed Machine

NMRV蜗轮减速机
NMRV Worm Wheel Reducer



EVERGEAR



① 概述 Summarize

1.EZ系列弧齿锥齿轮减速机是一级弧齿锥齿轮传动箱，传动比有1、1.5、2、2.5、3。
2.传动效率高，单机型减速机效率高达96%。
3.有单横轴、单纵轴、双纵轴可选。

1.EZ series bevel helical gear reductor is the first stage gear case with transmission ratio of 1,1.5,2,2.5 and 3.
2.High transmission efficiency. A single machine can reach a transmission efficiency as much as 96%.
3.There are single transverse shaft, single longitude shaft and double longitude shafts for select.

② 场所条件 Working Environment:

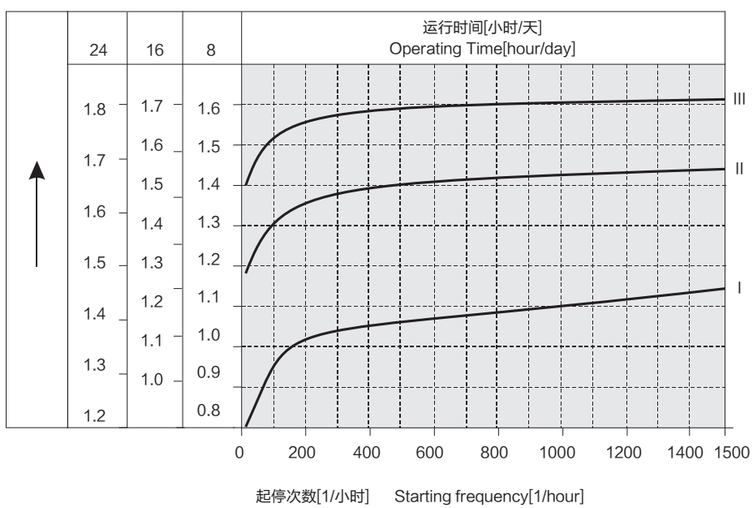
1.环境温度-40℃～50℃。(0° C以下启动时润滑油要加热到0° C以上。)
2.海拔不超过1000米。
3.输入转速不大于1800rpm，齿轮最高圆周速度不超过22m/s。
4.可用于正反运转。
5.无行业限制。
6.其他条件下使用请与我公司技术部联系。

1.Working temperature: -40℃～50℃ (The lubrication should be heated until above 0℃ if the machine works Below 0℃.)
2.The working place should be lower than 1,000 meters above sea level.
3.The imput rotational speed should not exceed 1,800r/m. The circumferential speed of the gear should not exceed 22m/s.
4.Suitable for normal-reverse rotation.
5.Without industry limitation.
6.Please consult our technical supporting department for other circumstances.

③ 选型指南 Instructions for Selection

在确定使用系数之前必须先确定一天的运行小时数，每小时的起停次数和负载类型。其中负载类型按下列公式计算：
The daily operating time, the starting frequency and the load classifications must be determined beforedeciding the service facor. The load classifications is calculated with the following formula:

工况系数 f_A Operating Mode Fanctor f_A



负载类型 Load classification

I	均匀负载，惯性加速系数在≤0.2 Uniform load, mass acceleration factor≤0.2
II	中等冲击负载，惯性加速系数≤3 Medium Impact load, mass acceleration factor≤3
III	强烈冲击负载，惯性加速系数名≤10 Heavy shock load, mass acceleration factor≤10

如果惯性加速系数＞10，请与我公司技术部联系。
Please contact our technical supporting department in case the mass acceleration factor>10.

$$\text{惯性加速系数 Mass acceleration factor} = \frac{\text{所有外部转动惯量 All external mass moments of Inertia}}{\text{驱动电机的转动惯量 Mass moment of inertia on the motor end}}$$

选型时必须满足下式：
Type selection should meet the following formula:

$$\text{减速机的许用输入功率 Permissible input power of reductor} \geqslant \text{减速机的输入功率 Input power of reductor} \times \text{工况系数 } f_A \text{ Operating mode factor } f_A$$

注 Notes

1. 减速机的许用输入功率已在后面的选型参数表中列出。
2. 输出轴端允许的径向载荷及轴向载荷资料，请与我公司技术部联系。
3. 减速机的使用与维护请参阅随机附带的《减速变速机使用说明书》。

1. Permissible input power of reductor is listed in the parameter selection table.
2. Please contact our technical supporting department for the information on the permitted overhung loads and the axial forces at the end of the output shaft.
3. Regarding the use and maintenance of the reductor, please refer to the attached《Instruction Manual of the Reductor and the Variable Speed Motor》.

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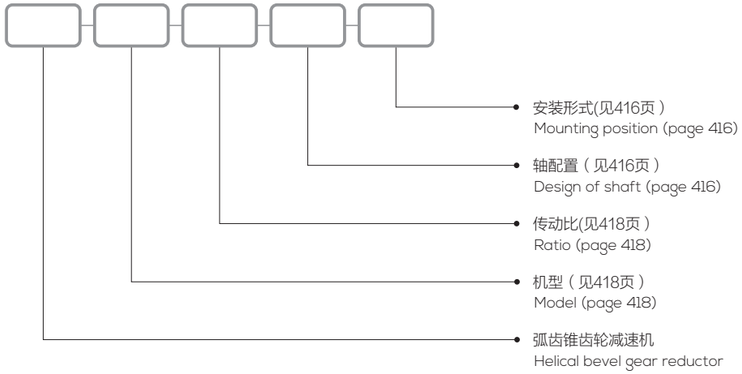
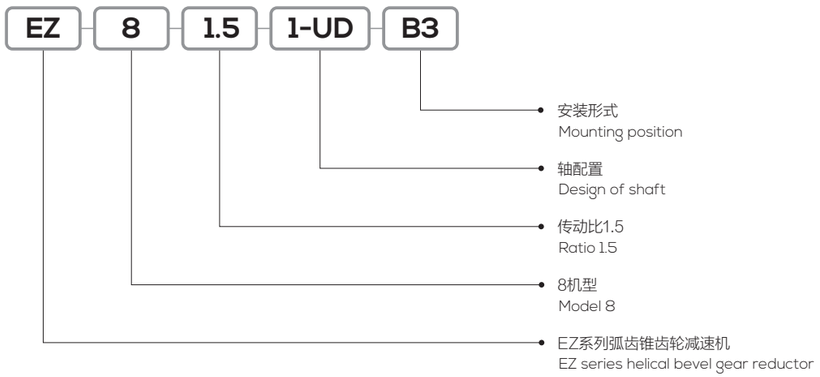
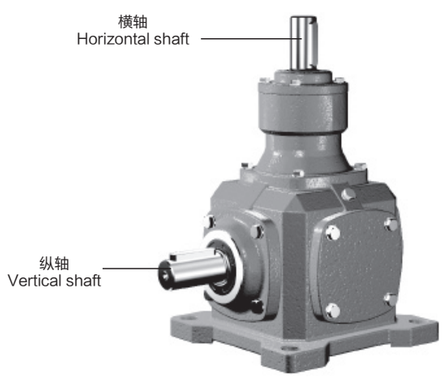
④ 型号说明
Instmctions for Models:



示例
Sample





注：当横轴输入时，EZ系列螺旋锥齿轮减速机为减速。
当纵轴输入时，EZ系列螺旋锥齿轮减速机为增速。

Note: EZ series bevel helical gear reductor is deceleration when inputting horizontal shaft.
EZ series bevel helical gear reductor is acceleration, when inputting vetical shaft.

安装形式图 Mounting Position Example

轴配置轴旋转方向关系 The relationship between design of shaft and direction of shaft			安装形式 Mounting position		
1-LR	1-R	1-L	B3	B6	V5
1-LR-O	1-R-O	1-L-O	B8	B7	V6
1-UD	1-U	1-D	B3	B6	V5
1-UD-O	1-U-O	1-D-O	B8	B7	V6
U-LR	U-R	U-L	B3	B6	V5
U-LR-O	U-R-O	U-L-O	B8	B7	V6
D-LR	D-R	D-L	B3	B6	V5
D-LR-O	D-R-O	D-L-O	B8	B7	V6
1-1-LR	1-1-R	1-1-L	B3	B6	V5
1-1-LR-O	1-1-R-O	1-1-L-O	B8	B7	V6
1-1-UD	1-1-U	1-1-D	B3	B6	V5
1-1-UD-O	1-1-U-O	1-1-D-O	B8	B7	V6
U-D-LR	U-D-R	U-D-L	B3	B6	V5
U-D-LR-O	U-D-R-O	U-D-L-O	B8	B7	V6

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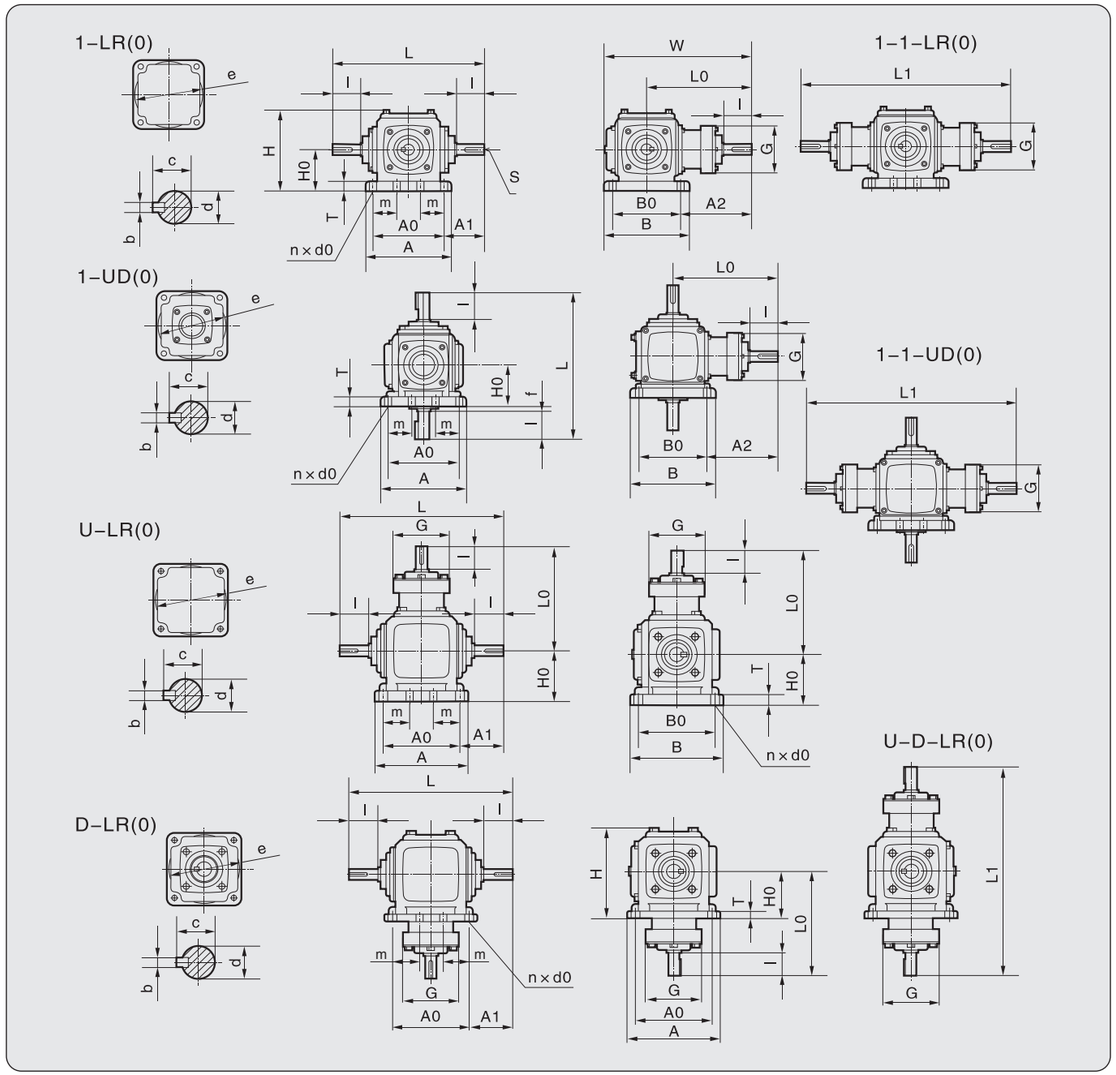

型号 Model	安装尺寸 Installation dimensions								轴伸尺寸 Shaft dimensions					外形尺寸 Overall dimensions										重量 weight
	H0	A0	B0	A1	A2	m	L0	nxd0	d	b	c	l	S	L	H	A	B	W	G	T	f	L1	ex深	Kg
EZ2	52	84	84	48	82	0	124	4x9	15	5	17	30	M4	180	100	100	100	174	74	10	6	—	94x3	4
EZ4	76	125	125	53.5	117.5	0	180	4x11	19	6	21.5	38	M5	232	145	155	155	257.5	79	17	2	360	145x5	10
EZ6	90	152	152	81	146	0	222	4x14	25	8	28	50	M6	314	175	190	190	317	98	17	17	444	175x5	21
EZ7	100	174	174	86	178	0	265	4x14	32	10	35	60	M8	346	198	210	210	370	116	22	13	530	205x5	32
EZ8	115	195	195	110.5	210.5	0	308	4x14	40	12	43	75	M10	416	225	235	235	425.5	136	22	18	616	240x5	49
EZ10	140	240	240	120	240	0	360	4x16	45	14	48.5	90	M12	480	270	285	285	502.5	156	25	10	720	295x5	78
EZ12	175	290	290	130	270	0	415	4x21	50	14	53.5	100	M16	550	340	340	340	585	180	32	0	830	350x5	124
EZ16	200	330	330	150	290	0	455	4x25	60	18	64	105	M20	630	410	390	390	606		40	10	910	420x5	188
EZ20	245	330	430	195	330	110	545	8x21	72	20	76.5	105	M20	720	485	410	490	800		32	10	1090	360x5	297
EZ25	290	390	520	235	400	130	660	8x24	85	22	90	130	M20	860	587	480	580	957		35	10	1320	430x5	488

传动比 Ratio	输入转速 (r/min) Input speed	输出转速 (r/min) output speed	EZ2	EZ4	EZ6	EZ7	EZ8	EZ10	EZ12	EZ16	EZ20	EZ25
			输入功率(kW) Input power									
1	1450	1450	1. 79	4. 19	14. 9	22	45. 6	65. 3	96	163		
	1150	1150	1. 43	3. 46	12. 7	18. 4	37. 5	55. 7	81. 1	139	234	
	870	870	1. 12	2. 45	10. 5	15. 2	29	44. 6	67. 5	114	193	335
	580	580	0. 747	1. 72	7. 35	11.4	19. 8	30. 6	49. 7	85. 9	145	252
	400	400	0. 524	1. 3	5. 2	8. 34	14	21. 5	35. 1	66. 1	112	195
	300	300	0. 396	0. 88	3. 93	6. 35	10. 6	16. 4	26. 8	54. 1	90. 8	159
	200	200	0. 266	0. 448	2. 66	4. 3	7. 23	11.1	18. 2	39. 3	69. 0	119
	100	100	0. 136	0. 046	1. 36	2. 2	3. 7	5. 72	9. 36	20. 3	35. 3	60. 0
	10	10	0. 014		0. 141	0. 228	0. 386	0. 599	0. 983	2. 14	3. 53	6. 30
1.5	1450	967			12. 1	15	19. 1	38. 7	58. 3			
	1150	767			9. 96	12	15. 4	31. 2	49. 2			
	870	580			7. 66	9. 3	11.8	24. 1	40. 7			
	580	387			5. 23	6. 32	8. 14	16. 4	28. 9			
	400	267			3. 66	4. 41	5. 7	11.6	20. 3			
	300	200			2. 77	3. 35	4. 34	8. 78	15. 5			
	200	133			1. 87	2. 28	2. 91	5. 95	10. 5			
	100	37			0. 957	1. 16	1. 49	3. 04	5. 37			
	10	7			0. 099	0. 12	0. 155	0. 316	0. 56			
2	1450	725	0. 94	3. 32	7. 9	10. 6	14	23. 6	40	73. 7	126	
	1150	575	0. 74	2. 67	6. 39	8. 55	11.3	19	31. 7	59. 5	102	119
	870	435	0. 56	2. 04	4. 88	6. 56	8. 7	14. 6	24	46. 0	79. 0	155
	580	290	0. 37	1. 38	3. 34	4. 47	5. 92	10	16. 3	31. 3	54. 2	107
	400	200	0. 26	0. 96	2. 33	3. 12	4. 15	7. 02	11.5	22. 0	38. 0	75. 4
	300	150	0. 19	0. 73	1. 76	2. 37	3. 14	5. 33	8. 71	16. 7	29. 0	57. 4
	200	100	0. 13	0. 49	1. 18	1. 59	2. 12	3. 61	5. 89	11.3	19. 7	39. 2
	100	50	0. 06	0. 3	0. 608	0. 812	1. 08	1. 84	3. 01	5. 84	10. 1	20. 1
	10	5	0. 015	0. 026	0. 062	0. 084	0. 112	0. 191	0. 313	0. 605	1. 06	2. 11
2.5	1450	580			5. 97	6. 99	11.4	18. 2	31. 4			
	1150	460			4. 78	5. 64	9. 11	14. 7	25. 3			
	870	348			3. 68	5. 3	7	11.2	19. 5			
	580	232			2. 48	2. 92	4. 76	7. 68	13. 3			
	400	160			1. 73	2. 05	3. 34	5. 38	9. 32			
	300	120			1. 32	1. 55	2. 53	4. 06	7. 08			
	200	80			0. 888	1. 05	1. 71	2. 75	4. 79			
	100	40			0. 448	0. 528	0. 867	1.4	2. 43			
	10	4			0. 046	0. 054	0. 089	0. 144	0. 251			
3	1450	483			4. 84	5. 42	8. 2	14	23. 6	48. 2	82. 3	158
	1150	383			3. 88	4. 34	6. 55	11.3	19	38. 9	66. 6	130
	870	290			2. 97	3. 34	5. 04	8. 66	14. 6	30. 1	51. 6	101
	580	193			2. 02	2. 25	3. 42	5. 89	9. 92	20. 4	35. 4	69. 9
	400	133			1. 41	1. 58	2. 39	4. 11	6. 98	14. 4	24. 8	49. 3
	300	100			1. 07	1. 18	1.8	3. 11	5. 29	10. 9	18. 9	37. 6
	200	67			0. 712	0. 803	1. 22	2. 1	3. 57	7. 38	12. 9	25. 6
	100	33			0. 363	0. 409	0. 618	1. 07	1. 82	3. 82	6. 60	13. 1
	10	3			0. 037	0. 042	0. 064	0. 11	0. 188	0. 40	0. 69	1.4

注：1.表中没有的转速值按插入法计算。
2.横轴转速超过1450r/min时，向我公司咨询。
3.横轴转数未达到10r/min时,请使用10r/min的数据。
4.本表使用系数一律为1.0。
5.本表全部为减速(除1以外)传动的输入功率,当需要增速时，输入功率的数据应除以减速比。

Note: 1 .If speed is not list in table, please calculated with inserting method.
2.Please consult us，when the speed of horizontal shaft is more than 1450r/min.
3.Please refer to the parameter of 10r/min in the table when the speed of horizontal shaft is less than 10r/min.
4.The service factor of table is 1.0.
5.All input power of table (except for 1) is for deceleration transmission. It's essential that the parameter of input power should divide ratio.

EZ

EZ

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无极变速机
The variable speed machine

① 概述 Summarize

MB转臂行星式无级变速机产品造型新颖、外型美观、结构简单、操作方便、具有受力均匀、调速灵敏度高、传动平稳、承载能力强等特性，适宜于连续运转工作，且能在负载中按需要调节速度，最适应于工艺参数多变或连续变化的场合，广泛地应用于食品包装、啤酒饮料、橡胶塑料、制药制革、电子仪表等轻工行业、机械设备及各种自动生产线上大量使用。而MBQ特轻型转臂行星无级变速机及其机壳采用高强度铝质合金材料压铸而成，造型精致美观、体积小、重量轻，对悬挂式或变速机重量有要求的场所特别适用。

The MB pivoted arm planetary stepless variable speed motor, modern in design and stylish in apperance, is simple in structure and easy to operate. With the even stress, high governing sensitivity and excellent durability, it's capable of continuous operation. Moreover, the speed can be adjusted as required when loaded, so it's suitable for changful or continuously changing technical parameters. It s widely used in all kinds of product lines in the light industries such as food packing, beer and beverage making, rubber and palstic processing, medicine making, leather manufacturing, electronic instrument manufacturing, as well as mechanical equipment making. The MBQ extra-light pivoted arm stepless variable speed motor and its casing are cast in high strength aluminum alloy, fine in appearance, small in dimension, light in weight, can be suspended at use, and is applicable where heavy variable speed motor is not suitable.

② 性能特点 Characteristics

高强度 High strength

在加冲击负载或机器逆转时，本机性能可靠、传动精确，无后座力、具有足够的强度，其输出扭矩--转 速特性曲线呈硬特性。

It is strong enough that it functions stably with precise transmission but without recoil when there is impact load or in reverse rotation. It's torque-rotational speed character curve appears rigid.

变速范围大 Wide range speed change

MB机型变速范围为1:5，即传动比可在1.45~7.25之间任意变化,而MBQ机型变速范围为1:6，传动比可 在1.45~8.5之间任意变化，因此本机易于减速机组合，而得到极低的速比。

The speed change range of the MB model is 1:5, that is, any change with the transmission ratio varing from 1 .45 to 7.25. The speed change range of the MBQ model is 1:6, that is, any change with the transmission ratio varing from 1.45 to 8.5. So, this equipment is convenient to be combined with reductors, to reach a very low speed ratio.

性能稳定 Reliable performance

本机所有的传动部件都经过严格处理、精密加工、研磨，接触和润滑良好，运行平稳，噪音低，输出轴 和输入轴均无附加的轴向力、寿命长。

All the parts of this equipment have been well processed, finely abraded, contacted and l ubricated with strict control. It works stably with low noise. There's no extra axial force upon the input or output shaft.lt can endure a long time .

组合能力强 Variable combination:

本机能与摆线针轮减速机、齿轮减速机、蜗轮蜗杆减速机及其它减速机组合，实现低速无级变速，因 此它具有广泛的适用性。

This equipment can be combined with the cycloidal pinwheel reductor, the gear reductor, the worm and gear reductor, and other reductors, to perform stepless speed change, at low speed so it can be widely adopted.

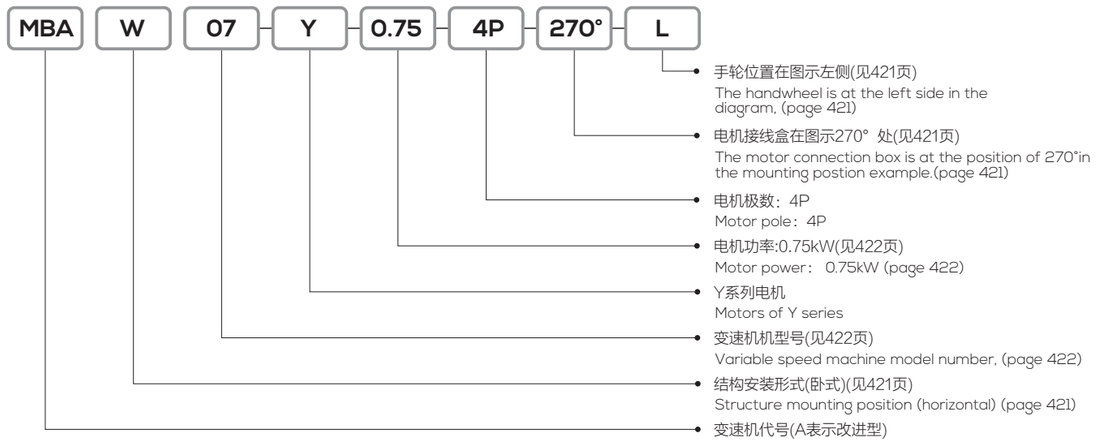
调速精度高 High precise governing

调速精度为0.5~1转，这是目前同类无级变速机中仅有的。

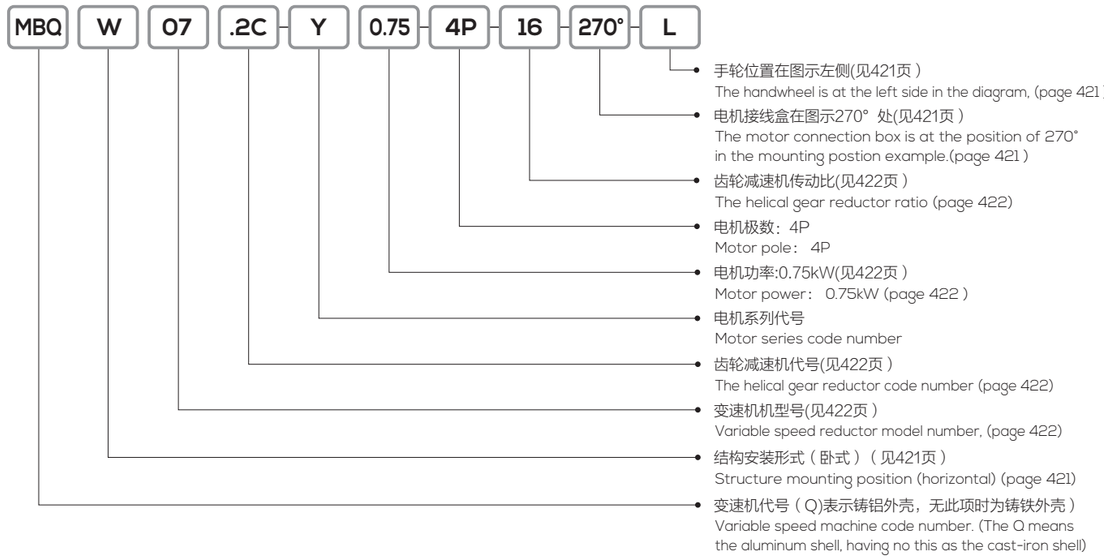
The governing precision is 0.5-1 round, prevails any like products at present.

③ 型号表示法 The expressing method of model

基本型表示方式
The expressing method of the basic type



基本型与齿轮减速机组合表示方法
The expressing method of the basic type combine with helical gear reductor



注：1.轴输入型没有电动机的各项内容。
2.无特别说明时Y系列电动机供货按IP54防护等级。
3.不注明接线盒角度时，按电机接线盒安装形式图(见421页)中0度位置供货。
4.不注明手轮位置时，按手轮位置图(见421页)中R位置供货。

Note: 1.The shaft-input type is not equipped with any motor.
2.Motors of Y series are supplied with protection grade of Ip54 unless otherwise specified.
3.0°as shown in the mounting position example(page 421) is the default connection box angle when supplying unless otherwise specified.
4.The mounting position of R as shown in the mounting position example (page 421) is the default position of handwheel when supplying unless otherwise specified.

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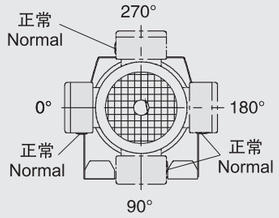
MB无级变速机及齿轮减速机类型代号
The type code number for the MB series variable speed machine and helical gear reductor.

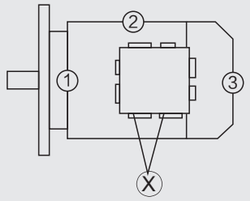
无	MB无级变速基本型 MB basic type
.2C	MB 二级齿轮变速机 Two-stages helical gear variable speed machine
.C	MB一级齿轮变速机 One-stage helical gear variable speed machine
.T	MB陶瓷专用变速机 Ceramics appropriable variable speed machine

MB无级变速机及齿轮减速机安装形式代号
The MB variable speed machine and helical gear reductor mounting position code number

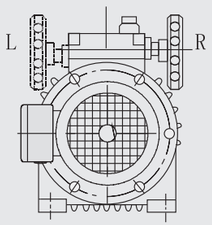
W	卧式（底座）安装 horizontal (bottom) mounting
F	法兰水平安装 Horizontal flange-mounted
L	法兰垂直安装 Vertical flange-mounted
文字说明 Writing elucidation	特殊位置安装 Special position mounting

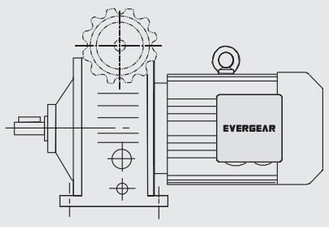
电机接线盒安装形式图
The motor connection box mounting position example





手轮位置图
Handwheel position example





减、变速机的使用与维护请参阅随机附带的《减・变速机使用说明书》。
regarding use and maintenance of the reduce,variable speed machine,please refer to the attached 《Instruction Manual of thr Reductor and the Variable Speed Motor》

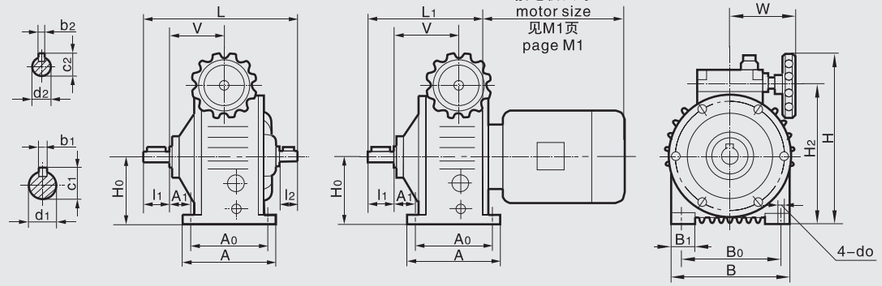
选型参数表
Selection parameter form

输出转速 Output speed (r/min)	输出转矩 Output torque (Nm)	传动比 Ratio (i)	机型号 Type
0.18kW			
200~1000	3~1.5	io=1.45~7.25	MBW02
80~400 60~300 40~200	7.4~3.5 10~4.7 15~7	2.5io 3.3io 5io	MBW02.C
0.37kW			
200~1000	6~3	io=1.45~7.25	MBAW04
80~400 60~300 40~200	15~7.3 20~9.5 30~15	2.5io 3.3io 5io	MBAW04.C
25~125 18~90 15~75 12~60 10~50	40~20 56~28 68~34 84~42 106~53	7.5io 10io 13io 16io 20io	MBAW04.2C
0.55kW			
200~1000	10~5	io=1.45~7.25	MBAW07
80~400 60~300 40~200	20~9.8 32~15.5 30~15	2.5io 3.3io 5io	MBAW07.C
25~125 18~90 15~75 12~60	68~34 90~45 122~56 140~70	7.5io 10io 13io 16io	MBAW07.2C
0.75kW			
200~1000	12~6	io=1.45~7.25	MBAW07
80~400 60~300 40~200	29~15 38~19 60~30	2.5io 3.3io 5io	MBAW07.C
25~125 18~90 15~75 12~60	80~40 108~54 136~68 168~84	7.5io 10io 13io 16io	MBAW07.2C
1.1kW			
200~1000	18~9	io=1.45~7.25	MBAW15
80~400 60~300 40~200	39~20 58~28 88~43	2.5io 3.3io 5io	MBW15.C
25~125 18~90 15~75 12~60	120~60 160~80 200~100 250~125	7.5io 10io 13io 16io	MBW15.2C
1.5kW			
200~1000	24~12	io=1.45~7.25	MBAW15
80~400 60~300 40~200	59~29 78~36 118~59	2.5io 3.3io 5io	MBW15.C
25~125 18~90 15~75 12~60	160~80 218~108 270~135 334~167	7.5io 10io 13io 16io	MBW15.2C

输出转速 Output speed (r/min)	输出转矩 Output torque (Nm)	传动比 Ratio (i)	机型号 Type
2.2kW			
200~1000	36~18	io=1.45~7.25	MBW22
80~400 60~300 40~200	88~44 118~56 176~88	2.5io 3.3io 5io	MBW22.C
25~125 18~90 15~75 12~60 10~50	243~122 324~162 406~203 502~251 840~420	7.5io 10io 13io 16io 20io	MBW22.2C
3kW			
200~1000	48~24	io=1.45~7.25	MBW40
80~400 60~300 40~200	118~59 158~75 235~118	2.5io 3.3io 5io	MBW40.C
25~125 18~90 15~75 12~60 10~50	324~162 432~216 540~270 670~335 1150~558	7.5io 10io 13io 16io 20io	MBW40.2C
4kW			
200～1000	64～32	io=1.45~7.25	MBAW40
80～400 60～300 40～200	157～79 210～105 313～157	2.5io 3.3io 5io	MBW40.C
25~125 18~90 15 ～75 12～60 10～50	432~216 576~288 720～360 892～446 1150～558	7.5io 10io 13io 16io 20io	MBW40.2C
5.5kW			
200~1000	90～45	io=1.45~7.25	MBW55
80～400 60～300 40~200	216~108 298~140 441～216	2.5io 3.3io 5io	MBW55.C
25～125 18～90 15~75 12～60 10~50	608~304 810~405 1012～506 1256~628 1600～800	7.5io 10io 13io 16io 20io	MBW55.2C
7.5kW			
200~1000	118~59	io=1.45~7.25	MBW75
80~400 60～300 40~200	294～147 398~198 558～294	2.5io 3.3io 5io	MBW75.C
25~125 18～90 15~75 12～60 10 ～50	795~398 1060～530 1325~662 1643~822 2088～1042	7.5io 10io 13io 16io 20io	MBW75.2C

MBW/MBW-Y 卧式外形及安装尺寸 Dimension sheets

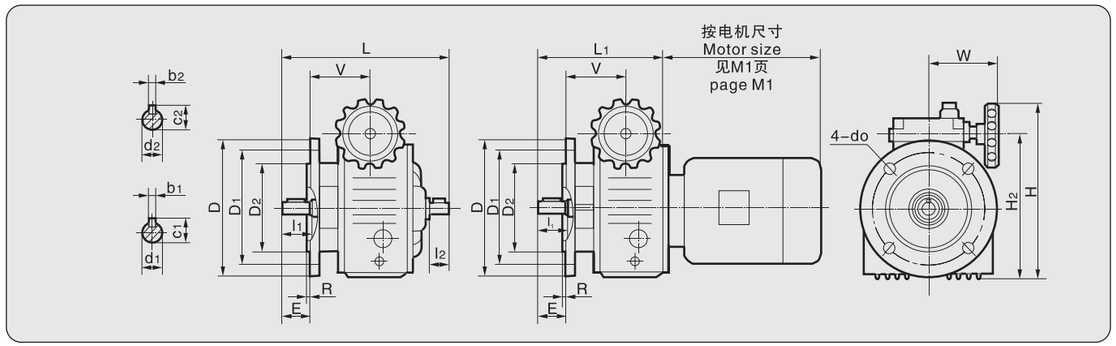
MB



型号 Model	中心高 Center height	安装尺寸 Installation dimensions					输出轴 Output shaft				输入轴 Input shaft				外形尺寸 Overall dimensions							
	H0	A0	A1	B0	B1	d0	d1	b1	c1	l1	d2	b2	c2	l2	H2	H	A	B	V	W	L	L1
MB02	80	105	17.5	110	27	9	11js6	4	12.5	23	11js6	4	12.5	23	158	191	120	145	64.5	110	209.5	135.5
MBA04	93	104	20	120	27	9	14js6	5	16	30	14js6	5	16	30	183	216	125	149	64	110	209	130
MBA07	113	125	26	160	27	11	19js6	6	21.5	40	19js6	6	21.5	40	220	253	150	190	85.5	120	289	179
MBA15	125	140	58.8	180	50	12	24js6	8	27	50	24js6	8	27	40	247	284	165	230	108	124	313	222
MB22	150	230	25	245	55	14	28js6	8	31	60	24js6	8	27	50	300	344	270	300	129.5	174	387	268
MB40	150	230	25	245	55	20	30js6	8	33	60	24js6	8	27	50	300	348	270	300	135	145	387	268
MB55 MB75	200	250	33	315	70	30	35js6	10	38	70	32js6	10	35	60	392	476	290	365	189	215	467	319

注：带 “A” 表示改进型。Note:" A" means to the improvement type.

MBL/MBL-Y 卧式外形及安装尺寸 Dimension sheets

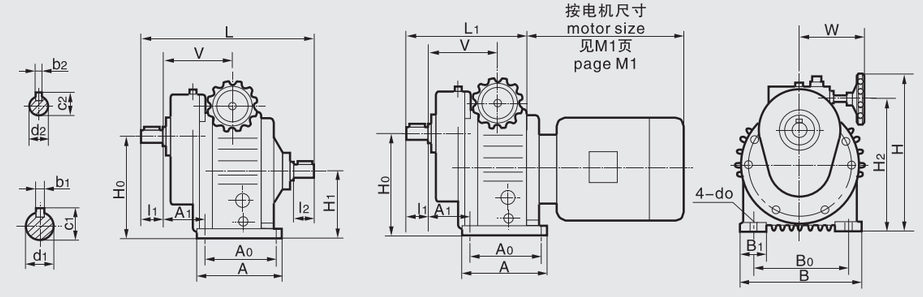


型号 Model	安装尺寸 Installation dimensions					输出轴 Output shaft				输入轴 Input shaft				外形尺寸 Overall dimensions							
	D1	D2	E	R	d0	d1	b1	c1	l1	d2	b2	c2	l2	H2	H	V	W	D	L	L1	
MB02	115	95h9	23	3.5	9	11js6	4	12.5	23	11js6	4	12.5	23	148	181	41.5	110	140	186.5	112.5	
MBA04	130	110h9	30	3.5	9	14js6	5	16	30	14js6	5	16	30	170	203	63	110	160	189	110	
MBA07	165	130h9	40	3.5	11	19js6	6	21.5	40	19js6	6	21.5	40	207	240	85.5	120	200	289	179	
MBA15	165	130h9	50	3	11	24js6	8	27	50	24js6	8	27	40	230	267	116	124	200	328	237	
MB22	215	180h9	60	4	15	28js6	8	31	60	24js6	8	27	50	300	344	129.5	174	250	387	268	
MB40	265	230h9	60	4	15	28js6	8	31	60	24js6	8	27	50	295	343	135	157	300	387	268	
MB55 MB75	300	250h9	70	5	19	35js6	10	38	70	32js6	10	35	60	382	466	198	186	350	467	319	

注：带 “A” 表示改进型。Note:" A" means to the improvement type.

MBW.C/MBW.C-Y 齿轮减速机组合外形及安装尺寸 Dimension sheets forhelical gear reductor

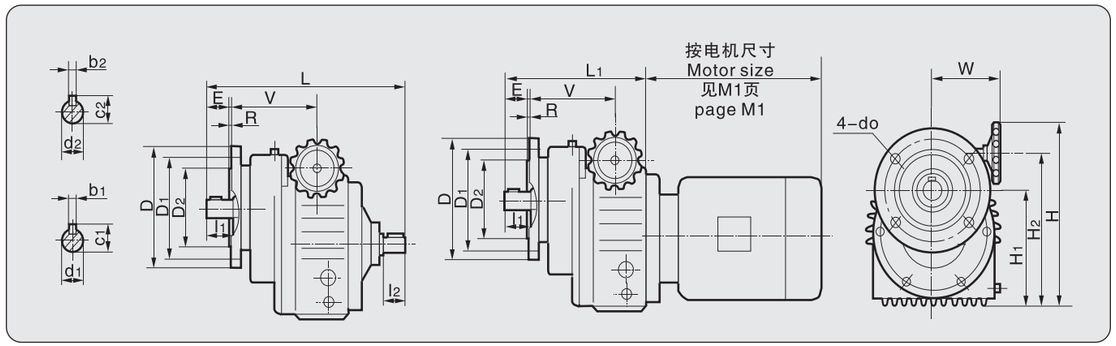
MB.C



型号 Model	中心高 Center height	安装尺寸 Mounting dimensions					输出轴 Output shaft				输入轴 Input shaft				外形尺寸 Overall dimensions									
	H0	A0	A1	B0	B1	d0	d1	b1	c1	l1	d2	b2	c2	l2	H1	H2	H	A	B	V	W	L	L1	
MB02.C	120	105	57	110	25	9	20js6	6	22.5	30	14js6	5	16	25	75	160	200	125	140	107	100	234	170	
MBA04.C	135	105	59	120	30	10	20js6	6	22.5	30	14js6	5	16	30	90	186	226	135	160	111	111	247	171	
MBA07.C	166	125	69	160	40	12	28js6	8	31	35	19js6	6	21.5	30	106	215	260	150	190	123	128	272	209	
MBA15.C	190	140	78	180	50	12	30js6	8	33	45	24js6	8	27	40	125	246	313	165	230	133	147	336	245	
MB22.C	230	230	93	245	55	14	40k6	12	43	60	24js6	8	27	50	150	300	355	270	300	174	157	425	306	
MB40.C	230	230	93	245	55	14	40k6	12	43	60	24js6	8	27	50	150	300	355	270	300	174	157	425	306	
MB55.C MB75.C	320	250	157	315	70	18	50k6	14	53.5	82	32js6	10	35	60	200	389	475	290	365	265	186	603	455	

注：带 “A” 表示改进型。Note:" A" means to the improvement type.

MBL.C/MBL.C-Y 齿轮减速机组合外形及安装尺寸 Dimension sheets for helical gear reductor

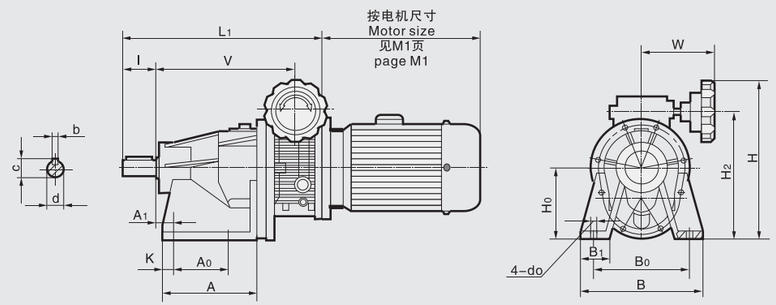


型号 Model	安装尺寸 Imounting dimensions					输出轴 Output shaft				输入轴 Input shaft				外形尺寸 Overall dimensions								
	D1	D2	E	R	d0	d1	b1	c1	l1	d2	b2	c2	l2	H1	H2	H	D	V	W	L	L1	
MB02.C	130	110h9	30	3.5	10	20js6	6	22.5	30	14js6	5	16	25	120	160	200	160	138	100	265	197	
MBA04.C	130	110h9	30	3.5	10	20js6	6	22.5	30	14js6	5	16	30	135	186	226	160	140	111	280	203	
MBA07.C	165	130h9	35	3.5	12	28js6	8	31	35	19js6	6	21.5	30	166	215	260	200	153	128	306	240	
MBA15.C	165	130h9	45	4	12	30js6	8	33	45	24js6	8	27	40	190	246	313	200	155	147	359	266	
MB22.C	215	180h9	60	4	15	40k6	12	43	60	24js6	8	27	50	230	300	355	250	205	157	458	337	
MB40.C	215	180h9	60	4	15	40k6	12	43	60	24js6	8	27	50	230	300	355	250	205	157	458	337	
MB55.C MB75.C	265	230h9	82	5	15	50k6	14	53.5	82	32js6	10	35	60	320	389	475	300	263	186	601	453	

注：带 “A” 表示改进型。Note:" A" means to the improvement type.

MBW.2C-Y 二级齿轮减速机组合外形及安装尺寸
Dimension sheets for helical gear reductor

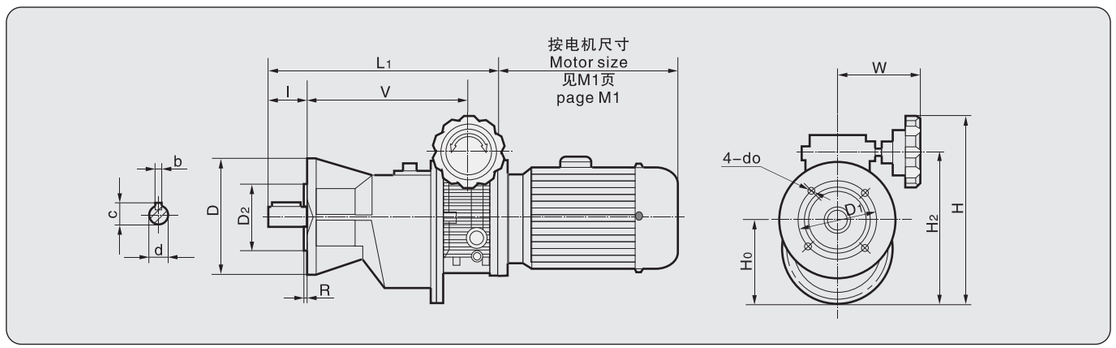
MB.2C



型号 Model	中心高 Center height	安装尺寸 Installation dimensions						输出轴 Output shaft				外形尺寸 Overall dimensions						
	H0	A0	A1	K	B0	B1	d0	d	b	c	l	H2	H	A	B	V	W	L1
MB02.2C	105	70	27	21	105	40	9	19js6	6	21.5	40	182	206	120	130	202	110	266
MBA04.2C	110	85	22	19	150	45	10	28js6	8	31	55	200	224	140	190	215	110	294
MBA07.2C	152	106	26	23	174	51	13	32js6	10	35	65	258	281	161	212	219	115	341
MBA15.2C	170	130	15	25	200	60	14	38k6	10	41	70	291	331	200	250	267	135	402
MB22.2C	235	180	43	34	250	76	18	55m6	16	59	110	385	426	266	320	375	166	557
MB40.2C	235	180	43	34	250	76	18	55m6	16	59	110	385	426	266	320	375	166	557
MB55.2C MB75.2C	280	250	48	38	300	98	21	70m6	20	74.5	140	472	554	344	380	392	194	592

注：带 “A” 表示改进型。Note:" A" means to the improvement type.

MBL(F).2C-Y 二级齿轮减速机组合外形及安装尺寸
Dimension sheets for helical gear reductor

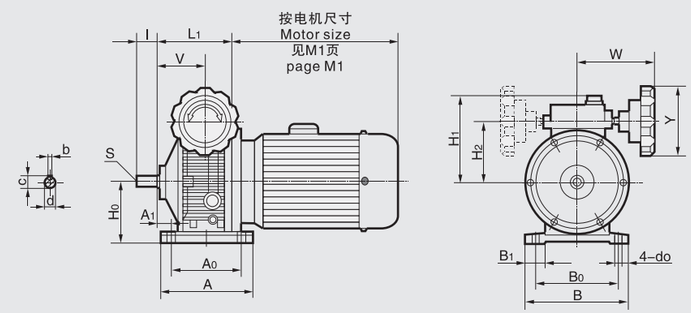


型号 Model	安装尺寸 Installation dimensions				输出轴 Output shaft				外形尺寸 Overall dimensions						
	D1	D2	R	d0	d	b	c	l	H2	H	H0	D	V	W	L1
MB02.2C	115	95h9	3	9	19js6	6	21.5	40	185	206	108	140	208	110	266
MBA04.2C	130	110h9	4	10.5	28js6	8	31	55	203	224	113	160	221	110	294
MBA07.2C	165	130h9	4	12.5	32js6	10	35	65	238	281	132	200	220	115	340
MBA15.2C	215	180h9	5	14.5	38k6	10	41	70	288	331	167	250	267	135	460
MB22.2C	265	230h9	5	14.5	55m6	16	59	110	383	426	232	300	375	166	540
MB40.2C	265	230h9	5	14.5	55m6	16	59	110	383	426	232	300	375	166	540
MB55.2C MB75.2C	300	250h9	5	18	70m6	20	74.5	140	458	508	266	350	392	194	694

注：带 “A” 表示改进型。Note:" A" means to the improvement type.

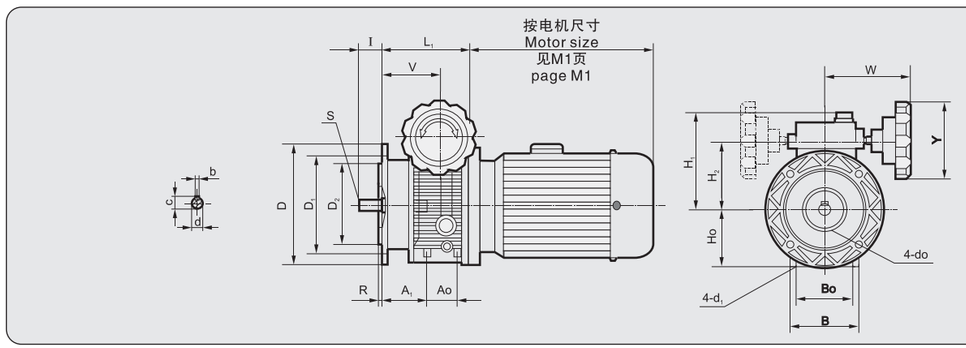
MBQW-Y 特轻型卧式外形及安装尺寸
Dimension sheets for helical gear reductor

MBQ



型号 Model	中心高 Center height	安装尺寸 Installation dimensions					输出轴 Output shaft					外形尺寸 Overall dimensions							
	H0	A0	A1	B0	B1	d0	d	b	c	l	S	H1	H2	A	B	V	W	Y	L1
MBQ02	75	105	13.5	110	25	9	11js6	4	12.5	23	–	110	72	125	145	66	110	85	112
MBQ04	90	105	20	120	27	9	14js6	5	16	30	M6	122	89	125	150	73	110	85	110
MBQ07	106	125	28	160	28	10	19js6	6	21.5	40	M6	140	107	150	190	84.5	115	110	138.5
MBQ15	125	140	50	180	50	12	25js6	8	28	50	M8	145	121	165	230	107	135	110	173

MBQL(F) -Y 特轻型立式（法兰式）外形及安装尺寸
Dimension sheets for helical gear reductor



型号 Model	安装尺寸 Installation dimensions				输出轴 Output shaft					外形尺寸 Overall dimensions						
	D1	D2	R	d0	d	b	c	l	S	H1	H2	D	V	W	Y	L1
MBQ02	115	95h9	3.5	9	11js6	4	12.5	23	–	110	77	140	64	110	85	112.5
MBQ04	130	110h9	3.5	9	14js6	5	16	30	M6	122	89	160	70	110	85	110
MBQ07	165	130h9	3.5	11	19js6	6	21.5	40	M6	140	107	200	86	115	110	139
MBQ15	215	180h9	4	15	25js6	8	28	50	M8	145	121	250	107	135	110	173

① 概述 Summarize

本公司研制的NMRV系列蜗轮减速机外型采用“方箱形”结构，机箱用优质铝合金压铸而成，具有外形美观，体 积小、重量轻、散热快、安装方式多样、效率高、输出扭矩大、传动平稳、噪音小，传动比大等特点。

NMRV蜗轮减速机可与铸铝机箱的无级变速机相组合，实现1: 6变速和较大减速。

The NMRV series worm reductor which is developed and manufactured by our company, adopt "square box" for shape and utilize the high-quality aluminum alloy die-casting processing for machine box. It is provided with beautiful appearence, little bulk, light weight, radiate swiftly, mounting multiplicity, high efficiency, tremendous output torque, balanced transmission, low noise and large transmission etc.

The NMRV worm gear reductor can be combined with variable speed machine of cast aluminum box, performing 1:6 speed variety and biggest deceleration.

② 场所条件 Working Environment:

1.环境温度-40℃~50℃。（0℃以下启动时润滑油要加热到0℃以上。）
2.海拔不超过1000米。
3.输入转速不大于1800rpm，齿轮最高圆周速度不超过22m/s。
4.可用于正反运转。
5.无行业限制。
6.其他条件下使用请与我公司技术部联系。

1.Working temperature: -40℃~50℃ (The lubrication should be heated until above 0℃ if the machine works below 0℃.)
2.The working place should be lower than 1,000 meters above sea level.
3.The imput rotational speed should not exceed 1，800r/m. The circumferential speed of the gear should not exceed 22m/s.
4.Suitable for normal-reverse rotation.
5.Without industry limitation.
6.Please consult our technical supporting department for other circumstances.

③ 选型指南 Instructions for Selection

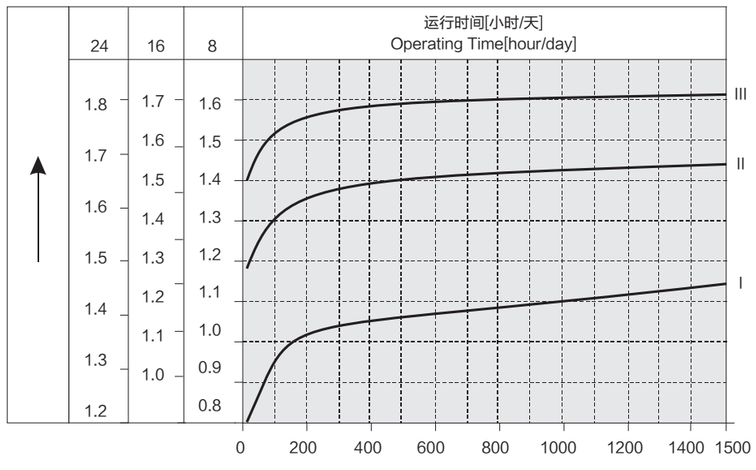
圆柱蜗杆减速机总的工况系数fAL的计算方法如下：
The total factor fA of worm wheel reductor calculated with following formula:

$$f_A = f_{AL} \times f_{A1} \times f_{A2}$$

f_{AL}	载荷特性及每天运行时间系数 Load characteristic and daily operating time factor
f_{A1}	环境温度系数 Service factor from ambient temperature
f_{A2}	循环时间系数 Service factor from cyclic duration factor

在确定载荷特性及每天运行时间系数fAL之前必须先确定一天的运行小时数，每小时的起停次数和负载类 型。其中负载类型按下列公式计算：
The daily operating time,the starting frequency and the load classifications must be determined before deciding the load characteristic and daily operating time factor fAL- The load classifications is calculated with the following formula:

工况系数 f_A Operating Mode Fanctor f_A

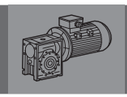


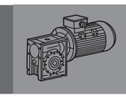
负载类型 Load classification

I	均匀负载，惯性加速系数在≤0.2 Uniform load, mass acceleration factor≤0.2
II	中等冲击负载，惯性加速系数≤3 Medium Impact load, mass acceleration factor≤3
III	强烈冲击负载，惯性加速系数名≤10 Heavy shock load, mass acceleration factor≤10

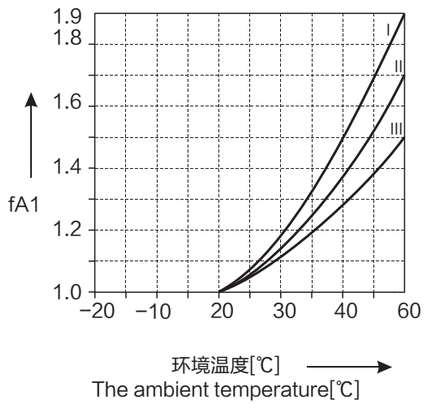
⚠ 如果惯性加速系数＞10，请与我公司技术部联系。
Please contact our technical supporting department in case the mass acceleration factor>10.

$$\text{惯性加速系数 Mass acceleration factor} = \frac{\text{所有外部转动惯量 All external mass moments of Inertia}}{\text{驱动电机的转动惯量 Mass moment of inertia on the motor end}}$$

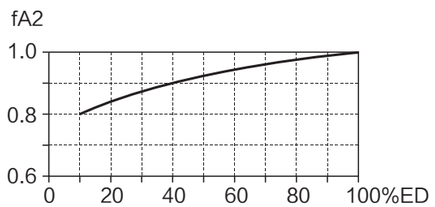




环境温度系数 f_{A1}
Service factor from ambient temperature f_{A1}



循环时间系数 f_{A2}
Service factor from cyclic duration factor f_{A2}



$$ED(\%)=\frac{\text{每小时工作分钟数 Time under load in min/h}}{60}\times 100$$

总工况系数f_A必须满足下式：
The total operating mode factor f_A should meet the following formula:

使用系数 f_B Service factor f_B ≥ 总工况系数 f_A operating mode factor f_A

使用系数fB已在后面的选型参数表中列出。
The service factor fB is listed in the parameter selection list.

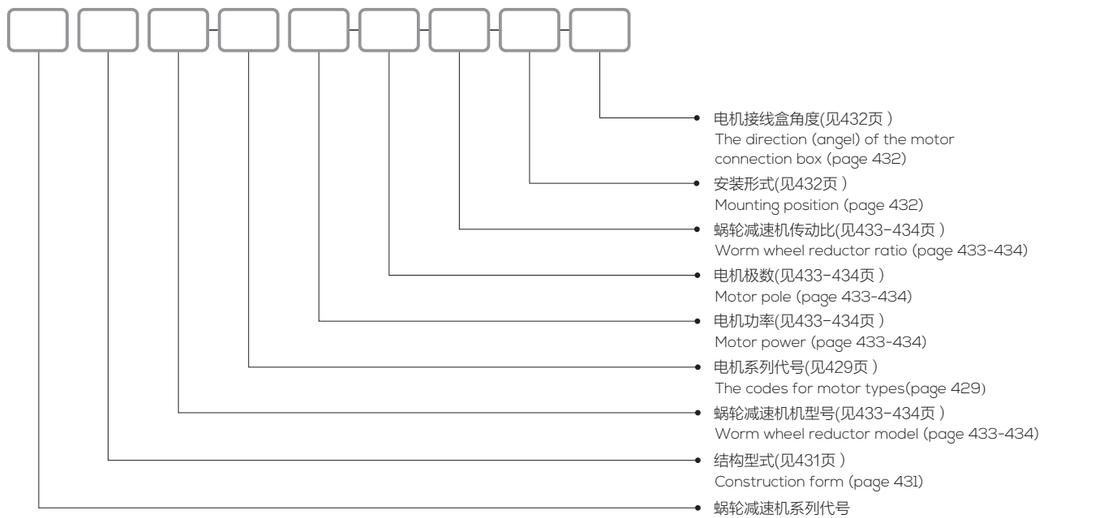
允许的轴伸径向载荷及轴向载荷
The permitted overhung loads and the axial forces.

输出轴端允许的径向载荷及轴向载荷资料，请与我公司技术部联系。
减速机的使用与维护请参阅随机附带的《减・变速机使用说明书》。
Please contact our technical supporting department for the information on the permitted overhung loads and the axial forces at the end of the output shaft.
Regarding the use and maintenance of the reductor, please refer to the attached《Instruction Manual of the Reductor and the Variable Speed Motor》.

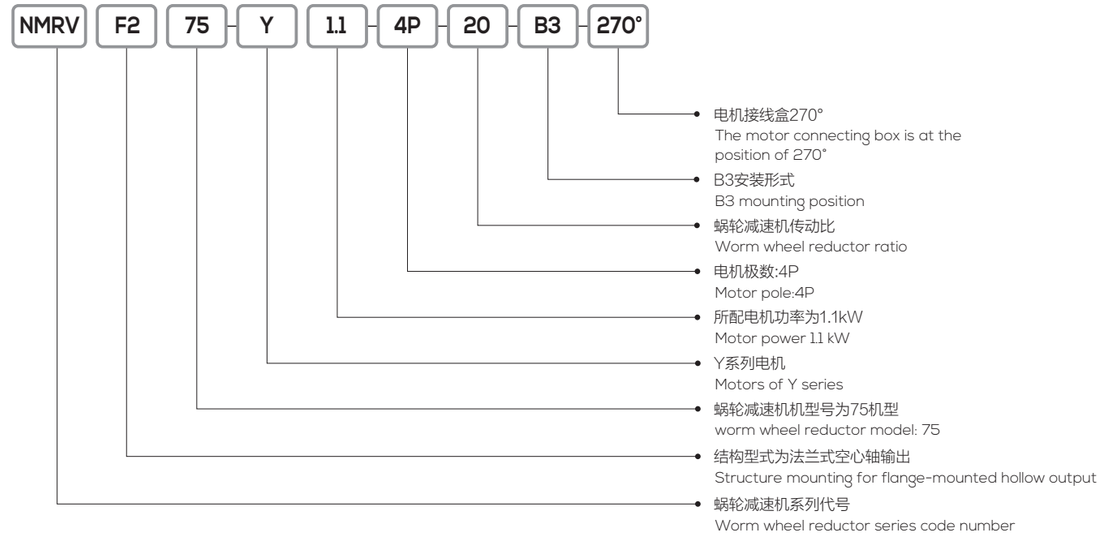
④ 电机类型代号
Codes for Motor Types:

Y	Y系列 Y series	YB	防爆电机 Flameproof Motor	Z	直流电机 Direct Current Motor
YEJ	制动电机 Brake Motor	YG	辊道电机 Roll Motor	YVP	变频电机 Variable Frequency Motor
YVPEJ	变频制动 Transduction braking	YGP	变频辊道 Transduction roller way	YZR	冶金起重 Metallurgy hoisting

③ 型号表示法
The expressing method of model



示例
Give a demonstration



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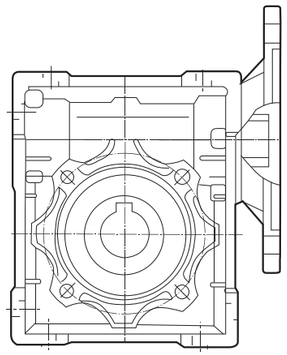
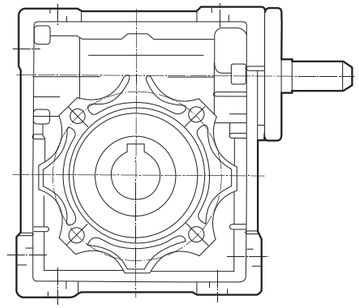
NMRV

NMRV及NRV结构型式
Construction form of NMRV or NRV

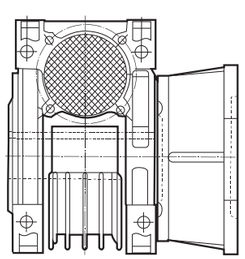
NMRV



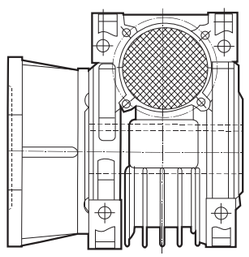
NRV



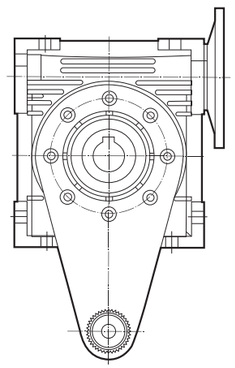
F1



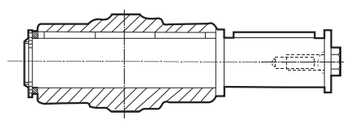
F2



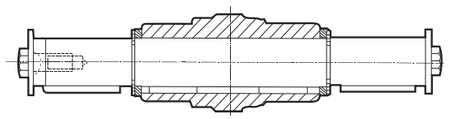
TA



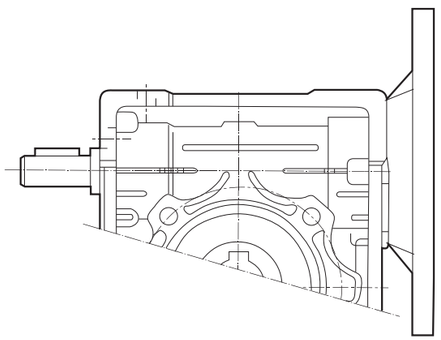
DZ



SZ

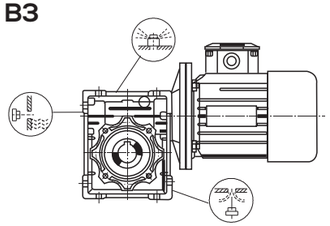


YZ

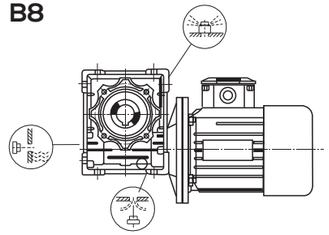


NMRV安装形式
Mounting position of NMRV

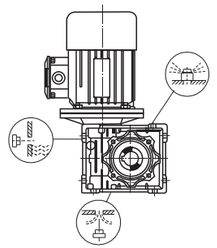
B3



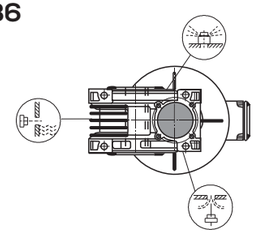
B8



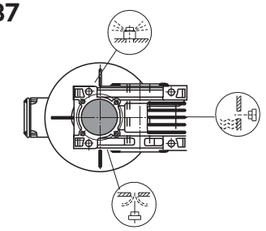
V5



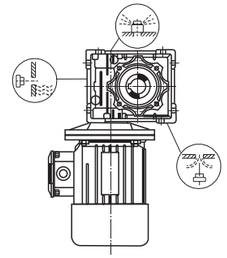
B6



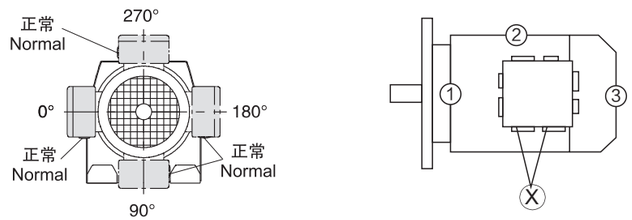
B7

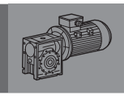


V6



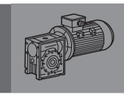
电机接线盒角度
Motor connecting box angle





输出转速 Output speed (r/min)	输出转矩 Output torque (Nm)	传动比 Ratio (i)	使用系数 Service factor (f_B)	机型号 Type	重量 Weight (kg)
0.18kW					
187	7.0	7.5	1.90		
140	9.0	10	1.50		
93	13	15	1.00		
70	17	20	0.80	NMRV※30	7.4
56	21	25	1.00		
47	24	30	0.80		
187	7.8	7.5	3.3		
140	13	10	2.7		
93	14	15	1.85		
70	19	20	2.1		
56	23	25	1.64	NMRV※40	8.2
47	26	30	1.64		
35	32	40	1.25		
28	38	50	0.98		
23	43	60	0.80		
35	33	40	2.4		
28	39	50	1.85		
23	43	60	1.64	NMRV※50	9.8
18	52	80	1.25		
14	60	100	0.90		
0.25kW					
187	11	7.5	2.4		
140	18	10	1.92		
93	19	15	1.30		
70	26	20	1.48	NMRV※40	8.2
56	32	25	1.18		
47	36	30	1.18		
35	44	40	0.90		
187	11	7.5	5.1		
140	14	10	3.9		
93	19	15	3.0		
70	27	20	2.7		
56	32	25	2.2		
47	37	30	2.2	NMRV※50	9.8
35	46	40	1.76		
28	54	50	1.33		
23	60	60	1.18		
18	72	80	0.90		
0.37kW					
187	16	7.5	1.60		
140	27	10	1.30		
93	28	15	0.90		
70	39	20	1.00	NMRV※40	10
56	47	25	0.80		
47	53	30	0.80		
187	16	7.5	3.4		
140	21	10	2.6		
93	29	15	2.0		
70	40	20	1.82		
56	48	25	1.49	NMRV※50	12
47	54	30	1.49		
35	68	40	1.19		
28	80	50	0.90		
23	89	60	0.80		
35	70	40	2.1		
28	83	50	1.64		
23	94	60	1.34	NMRV※63	15
18	115	80	1.10		
14	129	100	0.90		

输出转速 Output speed (r/min)	输出转矩 Output torque (Nm)	传动比 Ratio (i)	使用系数 Service factor (f_B)	机型号 Type	重量 Weight (kg)
0.55kW					
187	24	7.5	2.3		
140	31	10	1.77		
93	43	15	1.36		
70	59	20	1.23	NMRV※50	14
56	71	25	1.00		
47	81	30	1.00		
35	101	40	0.80		
187	25	7.5	4.1		
140	32	10	3.3		
93	46	15	2.5		
70	61	20	2.2		
56	73	25	1.80	NMRV※63	17
47	84	30	2.0		
35	104	40	1.40		
28	124	50	1.10		
23	140	60	0.90		
35	108	40	2.0		
28	132	50	1.60		
23	140	60	1.40	NMRV※75	20
18	180	80	1.00		
14	206	100	0.90		
0.75kW					
187	33	7.5	1.70		
140	42	10	1.30		
93	58	15	1.00	NMRV※50	15
70	81	20	0.90		
187	34	7.5	3.0		
140	44	10	2.4		
93	63	15	1.80		
70	83	20	1.80	NMRV※63	18
56	100	25	1.32		
47	114	30	1.47		
35	141	40	1.03		
35	147	40	1.47		
28	180	50	1.17	NMRV※75	21
23	190	60	1.02		
35	148	40	2.3		
28	168	50	1.76		
23	212	60	1.60	NMRV※90	26
18	249	80	1.17		
14	302	100	0.90		
1.1kW					
187	50	7.5	2.0		
140	65	10	1.64		
93	92	15	1.23		
70	122	20	1.09	NMRV※63	21
56	146	25	0.90		
47	167	30	1.00		
187	50	7.5	3.6		
140	66	10	3.0		
93	96	15	2.2		
70	120	20	1.60		
56	150	25	1.36	NMRV※75	24
47	169	30	1.40		
35	216	40	1.00		
28	264	50	0.80		

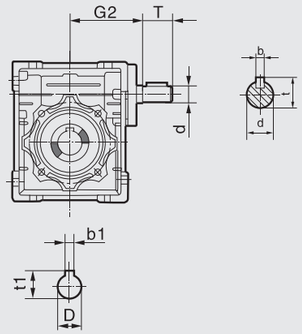


输出转速 Output speed (r/min)	输出转矩 Output torque (Nm)	传动比 Ratio (i)	使用系数 Service factor (f_B)	机型号 Type	重量 Weight (kg)
1.1kW					
187	50	7.5	4.7		
140	65	10	4.0		
93	94	15	3.3		
70	126	20	2.9		
56	154	25	2.2		
47	176	30	2.5	NMRV※90	29
35	217	40	1.60		
28	246	50	1.20		
23	310	60	1.09		
18	365	80	0.80		
56	158	25	4.0		
47	178	30	3.3		
35	234	40	2.5		
28	281	50	2.2	NMRV※110	57
23	324	60	1.60		
18	402	80	1.09		
14	473	100	0.90		
1.5kW					
187	68	7.5	1.50		
140	88	10	1.20		
93	126	15	0.90	NMRV※63	24
70	166	20	0.80		
187	68	7.5	2.7		
140	90	10	2.2		
93	131	15	1.60		
70	164	20	1.17	NMRV※75	27
56	205	25	1.00		
47	230	30	1.00		
187	68	7.5	3.5		
140	89	10	2.9		
93	128	15	2.4		
70	172	20	2.1		
56	210	25	1.60	NMRV※90	32
47	240	30	1.80		
35	295	40	1.17		
28	335	50	0.88		
23	424	60	0.80		
56	215	25	2.9		
47	243	30	2.4		
35	319	40	1.80		
28	384	50	1.60	NMRV※110	60
23	442	60	1.17		
18	548	80	0.80		
2.2kW					
187	100	7.5	1.82		
140	132	10	1.50		
93	191	15	1.09	NMRV※75	43
70	240	20	0.80		
187	99	7.5	2.4		
140	130	10	2.0		
93	188	15	1.64		
70	252	20	1.45	NMRV※90	48
56	308	25	1.09		
47	351	30	1.23		
35	433	40	0.80		
187	101	7.5	4.8		
140	133	10	3.8		
93	194	15	3.0		
70	255	20	2.0		
56	316	25	2.0	NMRV※110	76
47	356	30	1.64		
35	468	40	1.23		
28	562	50	1.09		
23	648	60	0.80		

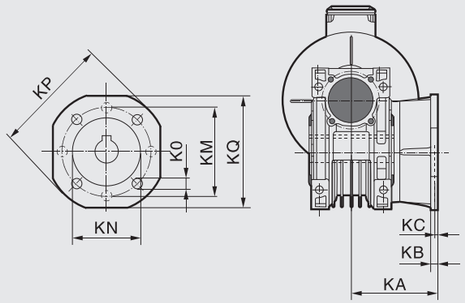
输出转速 Output speed (r/min)	输出转矩 Output torque (Nm)	传动比 Ratio (i)	使用系数 Service factor (f_B)	机型号 Type	重量 Weight (kg)
3kW					
187	137	7.5	1.33		
140	180	10	1.10	NMRV※75	47
93	261	15	0.80		
187	135	7.5	1.73		
140	177	10	1.47		
93	257	15	1.20		
70	344	20	1.07	NMRV※90	52
56	420	25	0.80		
47	479	30	0.90		
187	138	7.5	3.5		
140	182	10	2.8		
93	264	15	2.2		
70	348	20	1.47		
56	431	25	1.47	NMRV※110	80
47	485	30	1.20		
35	638	40	0.90		
28	767	50	0.80		
4kW					
187	182	7.5	1.00	NMRV※110	80
187	180	7.5	1.30		
140	236	10	1.10		
93	342	15	0.90	NMRV※90	60
70	458	20	0.80		
187	184	7.5	2.6		
140	243	10	2.1		
93	352	15	1.65		
70	464	20	1.10	NMRV※110	88
56	575	25	1.10		
47	647	30	0.90		
5.5kW					
187	253	7.5	1.91		
140	334	10	1.50		
93.3	484	15	1.20	NMRV※110	107
70	638	20	0.80		
56	790	25	0.80		
7.5kW					
187	345	7.5	1.40		
140	455	10	1.10	NMRV※110	120

Y电机与NMRV蜗轮减速机组合外形及安装尺寸
Motors of Y and NMRV worm wheel reductor combining shape and installation dimensions

NRV

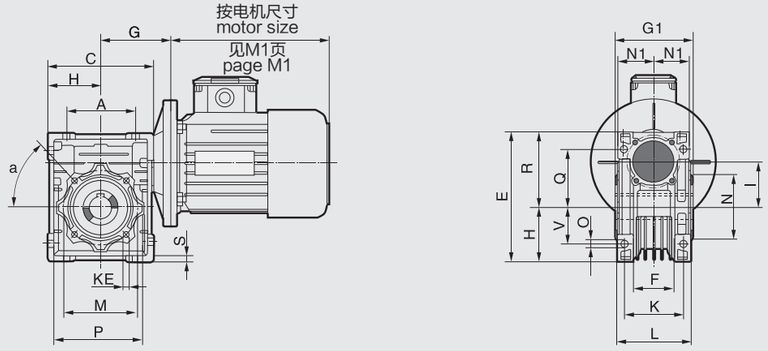


带输出法兰
With output flange



NMRV

不带输出法兰
Without output flange

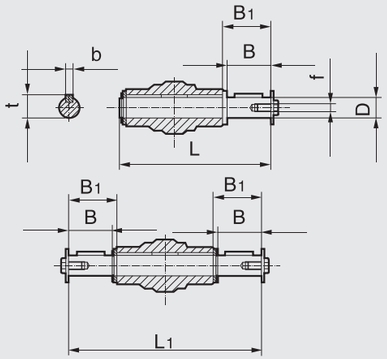


型号 Model	尺寸 Dimensions																					
	A	C	D	E	F	G	H	I	L	M	N	O	P	Q	R	S	V	K	d(j6)	T	G2	b	t
30	54	80	14H7	97	32	63	40	30	56	65	55h8	6.5	75	44	57	5.5	27	44	9	20	51	3	10.5
40	70	100	18H7	121	43	70	50	40	71	75	60h8	7	87	55	71	6.5	35	60	11	23	60	4	12.5
50	80	120	25H7	144	49	80	60	50	85	85	70h8	8.5	100	64	84	7	40	70	14	30	74	5	16
63	100	144	25H7	174	67	95	72	63	103	95	80h8	8.5	110	80	102	8	50	85	19	40	90	6	21.5
75	120	174	28H7	205	72	112.5	86	75	113	115	95h8	11	140	93	119	10	60	90	24	50	105	8	27
90	140	208	35H7	238	73	130	103	90	130	130	110h8	13	160	102	135	11	70	100	24	50	125	8	27
110	170	252.5	42H7	294	–	160	127.5	110	142	165	130h8	14	200	125	167.5	15	85	115	28	60	142	8	31

型号 Model	尺寸 Dimensions												
	G1	N1	KA	KB	KC	KE	a	KM	KN	K0	KP	K0	b1	t1
30	63	29	54.5	6	4	M6x11(n.4)	0°	68	50H8	6.5(4/90°)	80	70	5	16.3
40	78	36.5	67	7	4	M6x8(n.4)	45°	87	60H8	9(4/90°)	110	95	6	20.8
50	92	43.5	90	9	5	M8x10(n.4)	45°	90	70H8	11 (4/90°)	125	110	8	28.3
63	112	53	82	10	6	M8x14(n.8)	45°	150	115H8	11 (4/90°)	180	142	8	28.3
75	118	57	111	13	6	M8x14(n.8)	45°	165	130H8	14(4/90°)	200	170	8	31.3
90	140	67	111	13	6	M10x18(n.8)	45°	175	152H8	14(4/90°)	210	200	10	38.3
110	155	74	139	15	6	M10x30(n.8)	45°	230	170H8	14(8/90°)	280	250	12	45.3

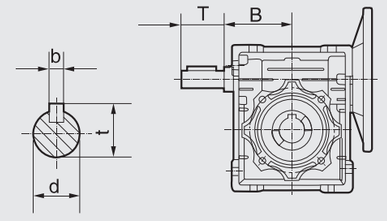
单向/双向输出轴尺寸
Dimensions of single / double output shaft

型号 Model	D(h6)	B	B_1	L	L_1	f	b	t
30	14	30	32.5	102	128	–	5	16
40	18	40	43	108	164	M6	6	20.5
50	25	50	53.5	153	199	M6	8	28
63	25	50	53.5	173	219	M10	8	28
75	28	60	63.5	192	247	M10	8	31
90	35	80	84	234	308	M12	10	38
110	42	80	84.5	249	324	M16	12	45



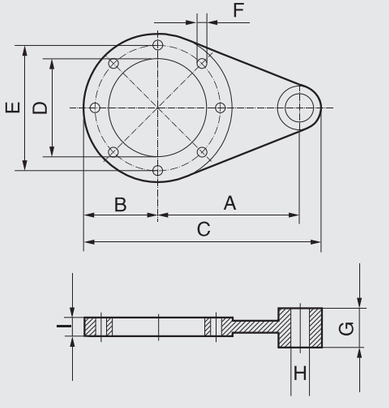
延伸蜗杆轴尺寸
Dimensions of extension worm shaft

型号 Model	B	d(j6)	T	b	t
30	45	9	20	3	10.5
40	53	11	23	4	12.5
50	64	14	30	5	16
63	75	19	40	6	21.5
75	90	24	50	8	27
90	108	24	50	8	27
110	135	28	60	8	31



防转臂尺寸
Dimensions of torque-arm

型号 Model	A	B	C	D	E	F	G	H	I
30	85	38	138	54	65	7	14	8	6
40	100	44	162	60	75	7	14	10	12
50	100	50	168	70	85	9	14	10	12
63	150	55	223	80	95	9	14	10	12
75	200	70	300	95	115	9	25	20	20
90	200	80	310	110	130	11	25	20	20
110	250	100	385	130	165	11	30	25	25



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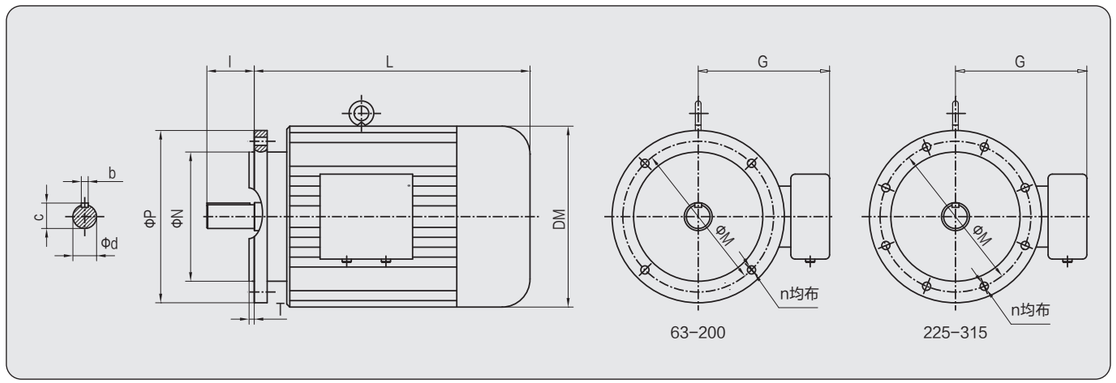
标准普通电机和特殊电机的参数及安装尺寸
Parameters and installation dimensions of ordinary motors and special motors



电机机座号 Model size	4级 Class4		6级 Class6		8级 Class8		L				G	DM	安装尺寸 Mounting dimensions									重量 Weight (kg)				
	P_1 (KW)	n_1 (r/min)	P_1 (KW)	n_1 (r/min)	P_1 (KW)	n_1 (r/min)	Y_2	B	E	V	Y_2	Y_2	M	N	P	n	T	d	l	b	c	Y (铝壳) (Aluminum housing)	Y_2	B	E	V
63	0.12	1390					202	270	328		100	130	115	95j6	140	4 XΦ10	3	11j6	23	4	12.5	5.5	13			11
	0.18	1390																				6	13.5	15		12
71	0.25	1390	0.18	900			225	285	345	260	130	145	130	110j6	160	4 XΦ10	3.5	14j6	30	5	16	6.5	14	16	12	14
	0.37	1390	0.25	900																		7.5	14.5	16	13	15
80	0.55	1390	0.37	900	0.18	690	255	290	350	310	145	175	165	130j6	200	4 XΦ12	3.5	19j6	40	6	21.5	10	15	31	20	16
	0.75	1390	0.55	900	0.25	690																11	16	32	21	17
90S	1.1	1400	0.75	910	0.37	690	270	310	370	320	155	195	165	130j6	200	4 XΦ12	3.5	24j6	50	8	27	16	23	35	27	23
90L	1.5	1400	1.1	910	0.55	690	295	335	395	345			165	130j6	200	4 XΦ12	3.5	24j6	50	8	27	20	25	39	31	28
100	2.2	1420	1.5	940	0.75	700	325	370	420	370	180	215	215	180j6	250	4 XΦ15	4	28j6	60	8	31		33	49	41	35
	3	1420			1.1	700																	35	53	44	36
112M	4	1440	2.2	940	1.5	700	340	400	450	390	190	240	215	180j6	250	4 XΦ15	4	28j6	60	8	31		41	67	60	43
132S	5.5	1450	3	960	2.2	710	390	430	505	450	210	275	265	230j6	300	4 XΦ15	4	38k6	80	10	41		65	93	85	63
132M	7.5	1450	4	960	3	710	430	470	545	490	210	275	265	230j6	300	4 XΦ15	4	38k6	80	10	41		76	105	98	75
			5.5	960																						
160M	11	1460	7.5	970	4	720	505	545	610	550	255	330	300	250h6	350	4 XΦ19	5	42k6	110	12	45		118	150	143	116
					5.5	720																				
160L	15	1460	11	970	7.5	720	560	585	655	595	255	330	300	250h6	350	4 XΦ19	5	42k6	110	12	45		132	169	165	136
180M	18.5	1470	/		/		590	620	715	740	280	380	300	250h6	350	4 XΦ19	5	48k6	110	14	51.5		164	205	203	169
180L	22	1470	15	970	11	730	630	640	765	790			300	250h6	350	4 XΦ19	5	48k6	110	14	51.5		182	222	216	183
200	30	1470	18.5	970	15	730	660	695	790	850	305	420	350	300h6	400	4 XΦ19	5	55m6	110	16	59		245	300	296	236
			22	970																						
225S	37	1480			18.5	730	675	705	860	910	335	470	400	350h6	450	8 XΦ19	5	60m6	140	18	64		258	360	370	291
225M	45	1480	30	980	22	730	705	730	890	940	335	470	400	350h6	450	8 XΦ19	5	60m6	140	18	64		290	390	405	327
250	55	1480	37	980	30	730	770	795	920	1060	370	510	500	450h6	550	8 XΦ19	5	65m6	140	18	69		388	530	498	393
280S	75	1480	45	980	37	740	845	870	994	1160	410	580	500	450h6	550	8 XΦ19	5	75m6	140	20	79.5		510	660	633	520
280M	90	1485	55	980	45	740	895	920	1045	1260			500	450h6	550	8 XΦ19	5	75m6	140	20	79.5		606	785	723	610
315S	110	1485	75	985	55	740	1100	1100		1330	576	645	600	550h6	660	8 XΦ24	6	80m6	170	22	85		910	1000	1150	950
315M	132	1485	90	985	75	740	1180	1180		1380	576	645	600	550h6	660	8 XΦ24	6	80m6	170	22	85		1000	1100	1230	1030
315L	160	1485	110	985	90	740	1270	1270		1450	576	645	600	550h6	660	8 XΦ24	6	80m6	170	22	85		1055	1100	1320	1100
	200	1485	132	985	110	740					576	645											1128	1160	1420	1200

注：由于结构需要及生产厂家不同，有时参数有所变化，此表仅供参考，准确尺寸请来电垂询。
Note: Parameters may vary according to different structural requirements and manufacturers.
This table is only for reference. Please call us for exact dimensions.