

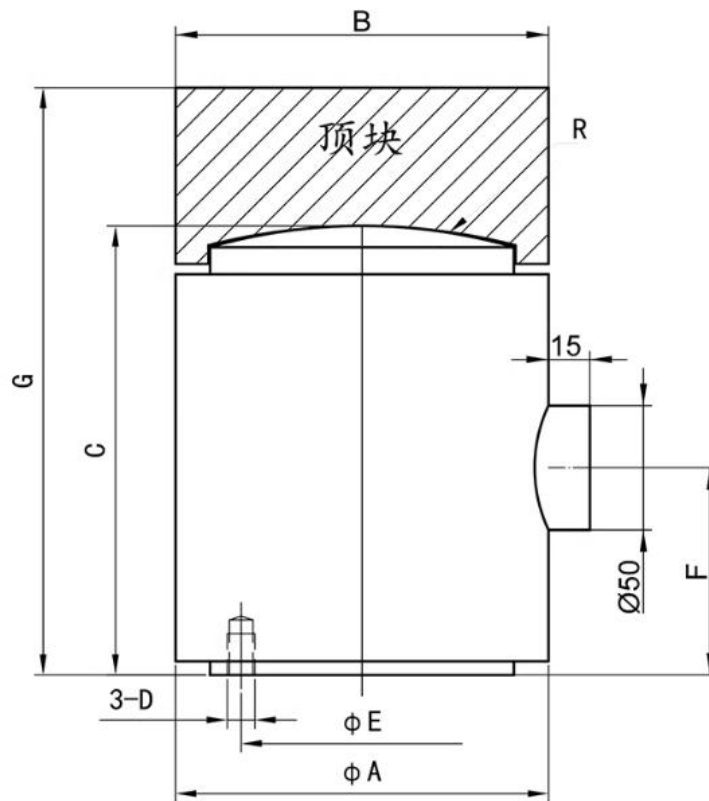
LCZ-A11 Column Type Load Cell

Characteristics & Usage:

Compact structure, high comprehensive accuracy, good long-term stability, high quality alloy steel surface nickel plating

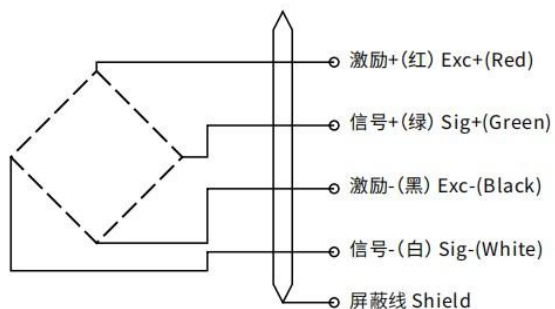
Automobile press, automatic assembly, 3C product testing, new energy product assembly, medical testing, robotics, mold assembly and other industrial testing, automation equipment and testing fields.

Dimensions (mm) :

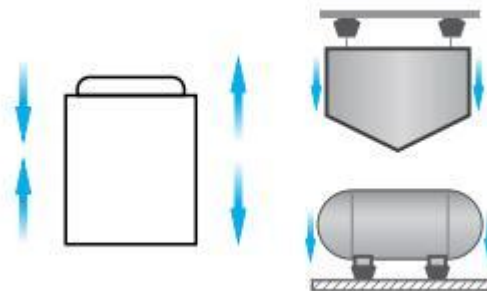


Capacity	2-20t	30-50t	60-100t	200t	300t	500t	700-1000t
ΦA	54	78	98	128	154	196	246
ΦB	54	78	98	128	154	196	246
C	65	100	110	140	170	220	282
D	M4	M6	M6	M6	M8	M10	M16
E	35	55	75	100	120	150	190
R	80	100	120	200	300	400	500
G	85	125	140	190	225	285	364
F	30	47	55	70	85	110	132

Sensor wiring diagram



Force diagram



Technical parameters

量程 Capacity	0-1000T	材质 Material	合金钢 Alloy Steel
输出灵敏度 Rated Output	2.0/3.0±10% mV/V	阻抗 Impedance	700 Ω
零点输出 Zero Balance	±2% F.S.	绝缘电阻 Insulation	≥5000M Ω /100VDC
非线性 Non-linearity	0.3% F.S.	使用电压 Recommended Excitation	5-15V
滞后 Hysteresis	0.1% F.S.	工作温度范围 Operating Temp range	-20~80℃
重复性 Repeatability	0.1% F.S.	安全超载 Safe Load Limit	150%
蠕变 (30 分钟) Creep (30 Min)	0.05% F.S.	极限超载 Ultimate Load Limit	200%
温度灵敏度漂移 Temp Effect on Output	0.05% F.S. /10℃	电缆线规格 Cable Specifications	Φ5*3m
零点温度漂移 Temp Effect on Zero	0.05% F.S. /10℃	线缆极限拉力 Cable ultimate pull	10kg
响应频率 Response frequency	10kHz	TEDS Optional 可选	