



MLC405CTD Truck Scale, Electronic Truck Scale, Column Load Cell 50t

Model: MLC405CTD

Category: Column TypeLoad Cell

Capacity: 10t,20t,25t,30t,40t,50t

Dimensions: 85*150mm

Material: Alloy Steel, Stainless Steel

Application: Truck Scale, Electronic Truck Scale, Axle Load Scale, Load Cell / Force Sensor

**Technical Specifications**

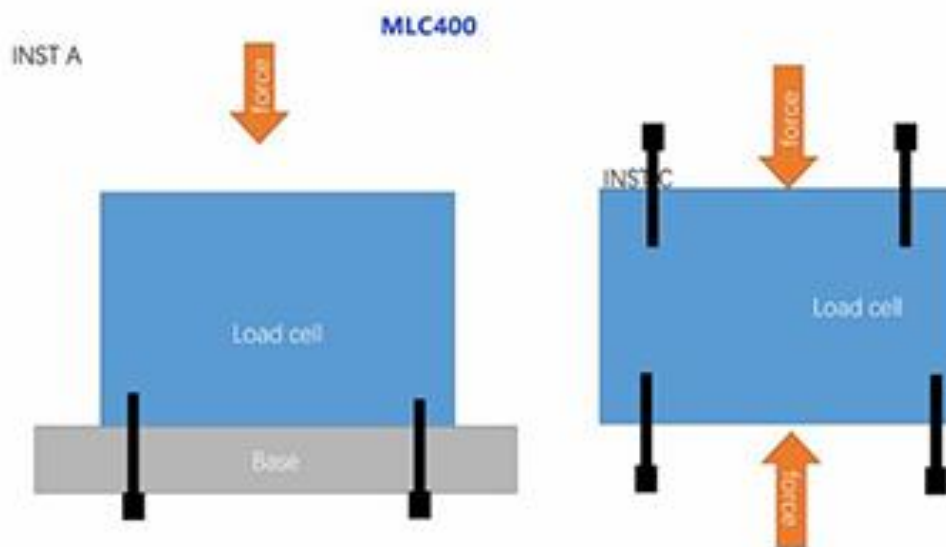
Comprehensive Error:	0.02%FS	Output Resistance:	1000±3Ω
Rated Output:	2±0.002mv/v	Insulation Resistance:	≥5000MΩ(100VDC)
Non-linearity:	0.03%FS	Excitation Voltage:	5~12VDC

Mail: Email: admin@manyyear.com Website: www.manyyear.com

Hysteresis:	0.03%FS	Compensated Range:	Temp	10~+40°C
Repeatability:	0.02%FS	Operating Temperature:		30~+70°C
Creep:	0.02%FS/10MIN	温°Zero Effect:		0.02%FS/10°C
Zero Balance:	±1%FS	温°SensitivityEffect:		0.02%FS/10°C
Input Resistance:	1160±10Ω	Protection Class:		IP66&IP68

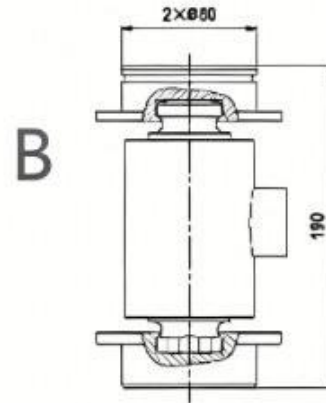
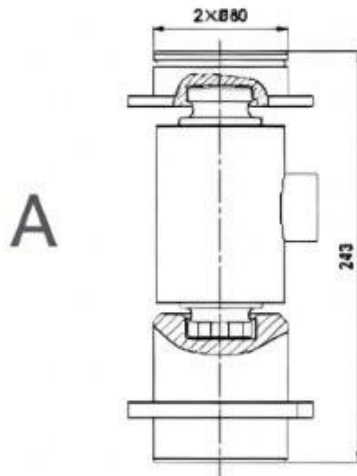
Force Structure

COMPRESSION LOAD CELL FORCE INSTALLATION

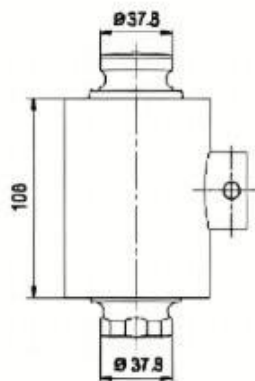
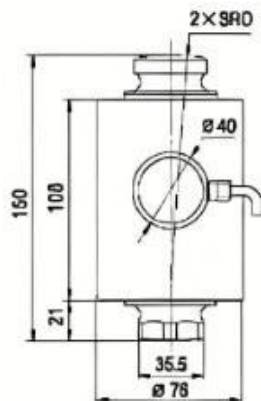


Mounting variation 1: 安装方式1:
含承载头组件

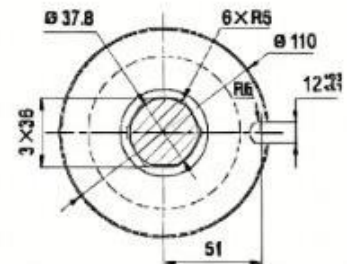
Mounting variation 2: 安装方式2:



Dimensions 尺寸 (in mm; 1 mm=0.3937 inches)



传感器限位示意图



Mounting variation 1 and variation2: 安装方式1与2:

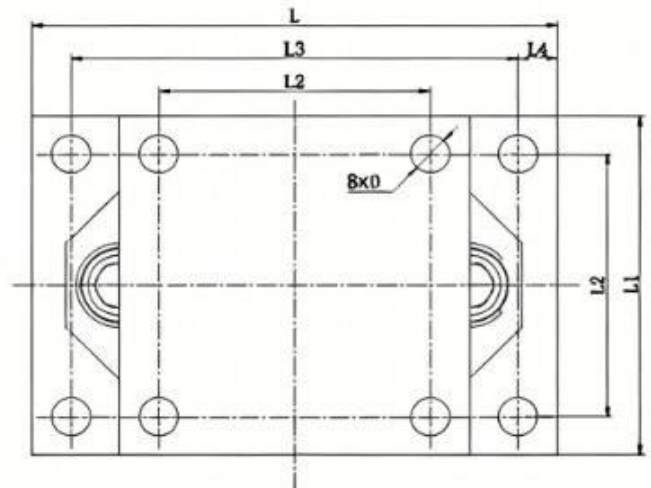
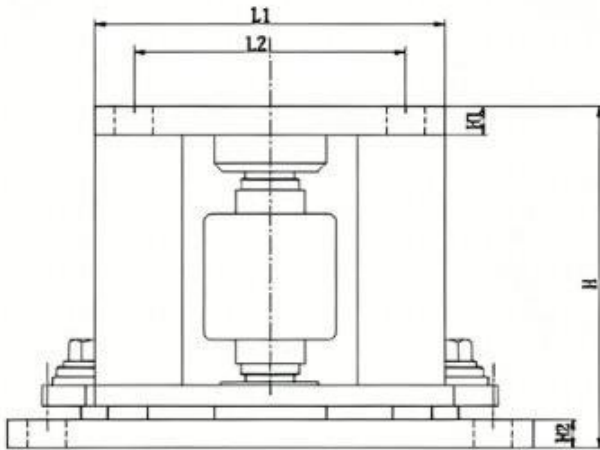
Maximum capacity (E _{max}) 额定载荷	1	15	20	30	40	50
R ball 球头半径	mm	160	160	160	200	305
α _{max} 最大允许倾斜角度	°	4.8	4.8	4.8	4.8	4.5
S _{max} 最大允许侧向偏移	mm	11	11	11	11	10

Further accessory: 其他附件
防尘垫, O型圈



MLC405-CTD-M2

Dimensions (in mm; 1mm=0.03937 inches) 尺寸



E _{max} [t]	D	H	H1	H2	L	L1	L2	L3	L4
7.5-22.5t	22	152	12	17	300	200	155	255	22.5
30-50t	22	200	17	17	300	200	155	255	22.5
100t	32	263	30	33	440	300	235	375	32.5