

Product Catalog

MLC401 Truck Scale Hydraulic Press Dynamometer Large Range Column Type

Force Sensor 100 Ton

Model: MLC401

Category: Column load cells

Range : 10, 25 , 40 , 60,100ton

Product size: Ø73 * 82.5 mm, Ø105 * 127 mm, Ø152.4 * 184.2 mm

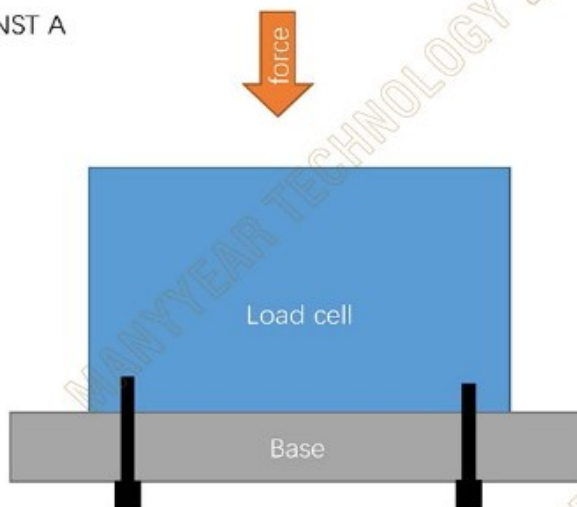
Safe overload: 150%; Ultimate overload: 200%

Material: Alloy steel, Stainless steel,

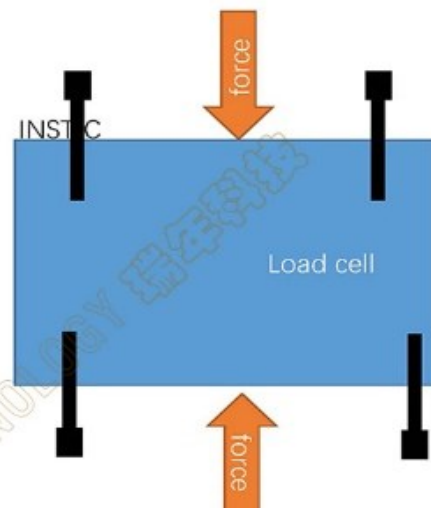
Application: Hydraulic force tester, pressure test, large range load cell, oil pressure force tester, 100 ton force sensor

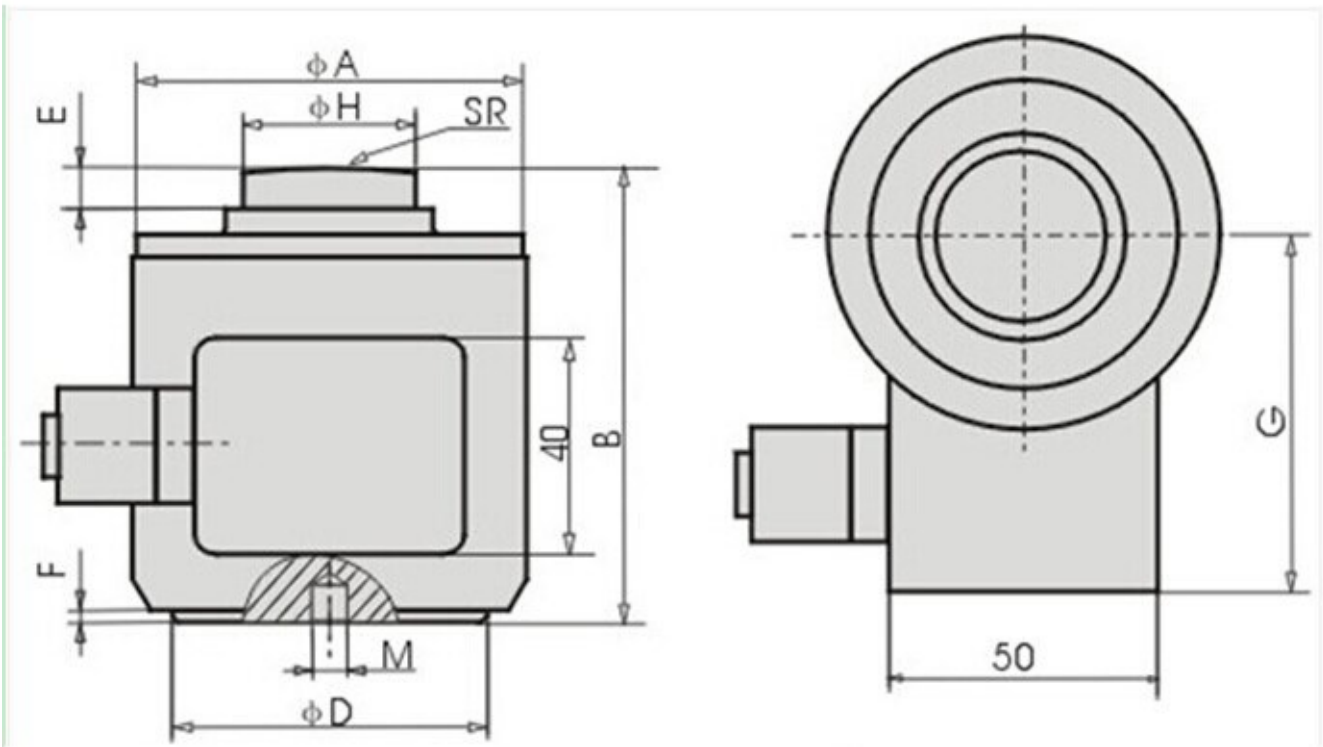


INST A



INST C





Other sizes

Range	A	B	C	D	E	F	G	H	M	SR
10t/25t	73	82.5	12	58	6.5	1.8	64	31.8	M12x1.75	152
40t/60t	105	127	34	82.5	8.0	11.0	87	58.7	M20x2.5	152
100t	152.4	184.2	72.3	123.8	23.6	21.8	108.2	79.2	M20x2.5	432

Technical specifications

Comprehensive error:	0.02%FS	Output resistance:	700 $\pm$ 10 Ω
Rated output:	1.5 $\pm$ 0.002mv/v	Insulation resistance:	$\geq$ 5000M Ω (100VDC)
Nonlinearity:	0.02%FS	Operating Voltage:	9~12VDC
Lag:	0.02%FS	Compensation temperature:	-10~+40°C
Repeatability:	0.01%FS	Operating temperature:	-40~+80°C
Creep:	0.02%FS/10Min	Effect of Temp. on zero point:	0.017%FS/10°C
Zero balance:	$\pm$ 1%FS	Effect of Temp. on sensitivity:	0.014%FS/10°C
Input resistance:	700 $\pm$ 10 Ω	Protection level:	IP68