

MLC414 testing machine, dynamometer tension and compression force sensor

Model:MLC 414

Category: Column Load Cell

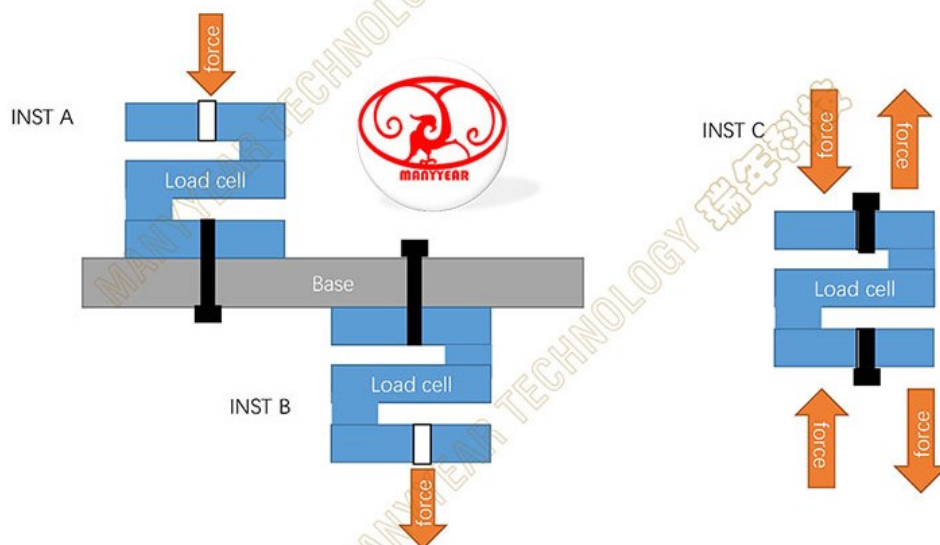
Endurance: 1,2,5,10,15,20,30,40,50,75,100KN

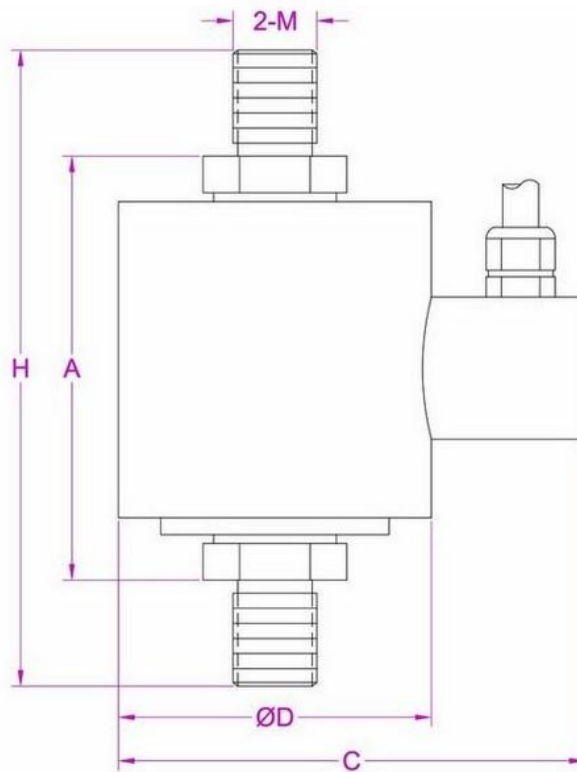
Size: Ø 59*120mm, Ø 75*160mm, Ø 86*200mm

Material: alloy steel, stainless steel

Applications: Small compression and tension tests, small crane scales

Features: Compression and tension load cells for hydraulic presses, hydraulic presses, oil presses





Capacity(KN)	H	A	C	D	M
1/2/5/10	120	80	88	59	M16
20/30/50	160	98	100	75	M24
70/100	200	136	112	86	M30

Other sizes

Technical specifications

Comprehensive error:	0.3 %FS	Output resistance:	352 ± 3 Ω
Rated output:	1.6 ±0. 01 mv/v (30-1000kg), 2.0 ± 0.01mv/v (1500kg)	Insulation resistance:	≥5000MΩ(100VDC)
Nonlinearity:	0.1 % FS	Operating Voltage:	9~12VDC
Lag:	0.2 % FS	Compensation temperature:	-10 ~+ 70 °C
Repeatability:	0.1 % FS	Operating temperature:	-20 ~+ 75 °C
Creep:	0.2 % FS/10MIN	Effect of Temp. on zero point:	0.05 % FS/10 °C
Zero Balance:	±1%FS	Effect of Temp. on sensitivity:	0.05 % FS/10 °C
Input resistance:	380 ± 5 Ω	Protection level:	IP67 & IP68