

MLC409 B - Dynamometer Hydraulic Press Large Range Column

Tension and compression Load Cell 3500t

Model: MLC409 B

Category: Column load cells

Range: 30,50,60,100,150,200,300,400,500,1000,2500,3500t

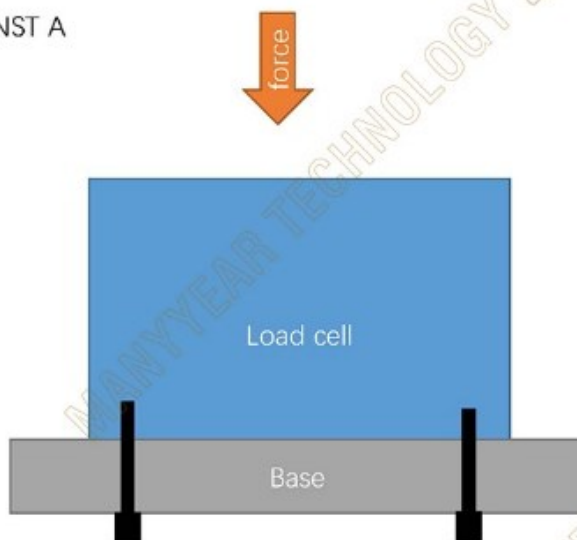
Size: 197*160mm; 240*230mm; 305*326mm; 415*358mm

Material: Alloy steel, Stainless steel

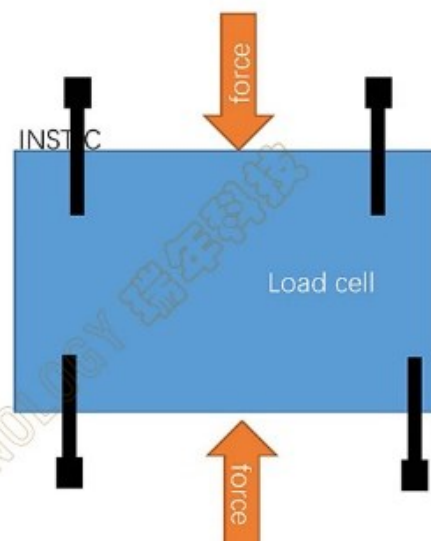
Application: Hydraulic press, oil press, dynamometer, large-range weighing force sensor, tensile force tester

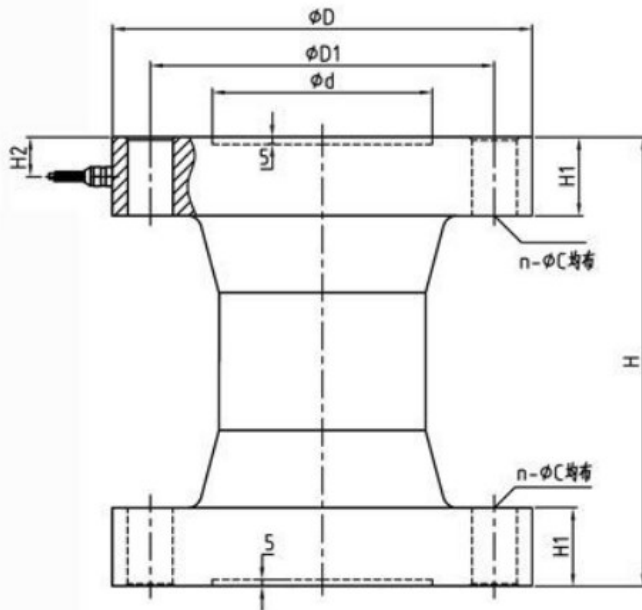


INST A

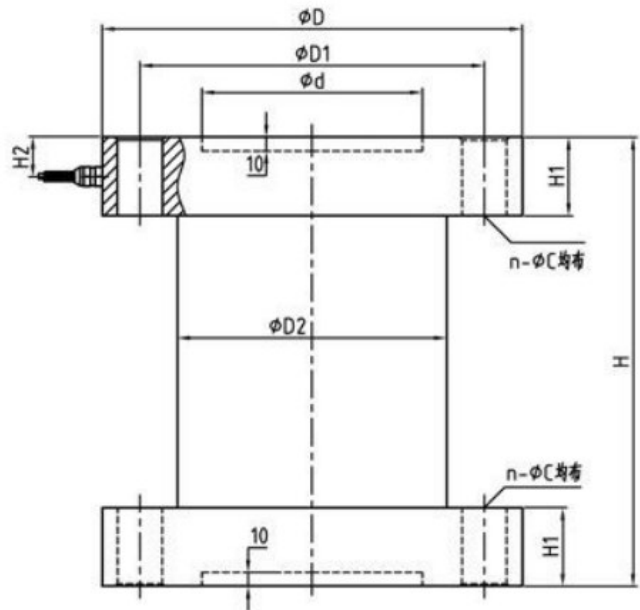


INST C





300~3000(KN)



4000~5000(KN)

Other sizes

Range (kN)	Range (t)	D	D	D2	d	H	H	H2	n-ØC
300	30	145	120	/	85	130	22	15	12-Ø16
500,600	50,60	197	160	/	110	160	25	15	12-Ø22
1000	100	240	200	/	135	230	40	28	12-Ø26
1500,2000,2500	150,200,250	305	250	/	160	326	57	45	12-Ø33
3000	300	415	360	/	256	358	69	50	18-Ø33
4000	400	415	360	/	265	358	80		18-Ø33
5000	500	415	360	/	256	398	69	45	18-Ø33
10000	1000	600	515	/	352	480	110	/	20-Ø45
25000(A)	2500(A)	700	610	/	/	800	240	/	24-Ø45
25000(B)	2500(B)	640	550	/	280	600	150	/	20-Ø45
35000	3500	700	610	/	335	800	240	/	24-Ø45

Technical specifications

Comprehensive error:	0.1%FS	Output resistance:	7 80 ±5Ω
Rated output:	2.0±0.005mv/v	Insulation resistance:	≥5000MΩ(100VDC)
Nonlinearity:	0.2 % FS	Operating Voltage:	9~12VDC
Lag:	0.1 % FS	Compensation temperature:	-10~+40 °C
Repeatability:	0.1 % FS	Operating temperature:	-20~+55 °C
Creep:	0.1 % 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:	7 80 ±10Ω	Protection level:	IP66 & IP68