



MLC410-Tank Scale, Hydraulic Press, Large Capacity Column Load Cell 200t

Model: MLC410

Category: Column TypeForce Sensor

Capacity: 1t,2.2t,3.3t,4.7t,10t,15t,22t,33t,47t,68t,100t,150t, 220t, 330t,470T

Dimensions: 60*43mm;130*75mm;150*100mm

Material: Alloy Steel, Stainless Steel

Application: Tank Scale, Hydraulic Press, Oil Hydraulic Press, Force Testing Machine, Large CapacityLoad Cell / Force Sensor



SensorDimensions

Capacity	A	B	C	NA	NA	H	J	K	N
10-22t	75	30	75	NA	NA	50	7	6.5	10
33t	95	40	95	NA	NA	65	7	10	12
47t	130	60	130	NA	NA	75	7	14	20
68t	130	60	130	NA	NA	85	7	14	20
100t	130	70	150	NA	NA	90	7	16	22
150t	150	70	150	NA	NA	100	7	16	22
220t	225	100	225	NA	NA	130	10	24	NA
330t	225	100	225	NA	NA	145	10	24	NA
470t	270	120	270	NA	NA	170	10	28	NA

SensorWith PlatformDimensions

Capacity	A	B	C	D	E	H	J	K	N
10-22t	45	75	55	80	100	95	11.5	20	10
33t	58	95	68	95	120	120	13	25	12



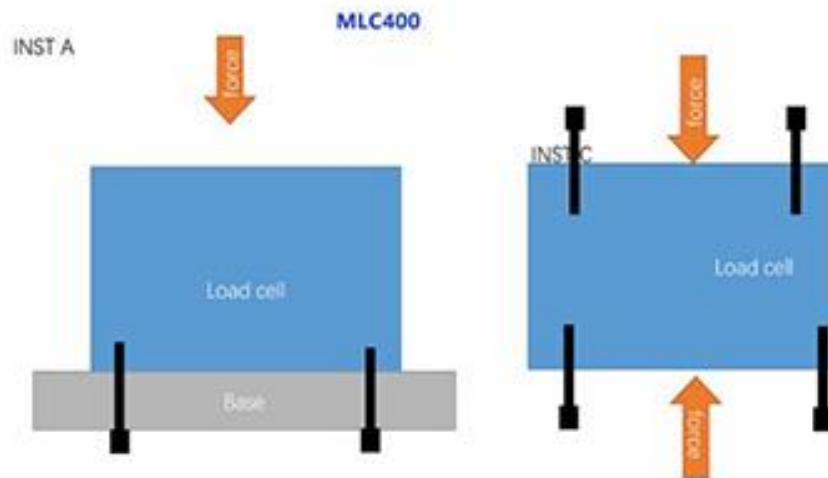
47t	80	130	92	130	170	140	17.5	30	20
68t	80	130	92	130	170	150	17.5	30	20
100t	100	150	110	150	200	177	25	40	22
150t	100	150	110	150	200	187	25	40	22

Technical Specifications

Comprehensive Error:	0.05%FS	Output Resistance:	1402±5Ω
Rated Output:	2.85±0.005mv/v	Insulation Resistance:	≥5000MΩ(100VDC)
Non-linearity:	0.05%FS	Excitation Voltage:	9~12VDC
Hysteresis:	0.05%FS	Compensated Temp Range:	10~+40℃
Repeatability:	0.03%FS	Operating Temperature:	20~+55℃
Creep:	0.03%FS/10MIN	温° Zero Effect:	0.05%FS/10℃
Zero Balance:	±1%FS	温° SensitivityEffect:	0.05%FS/10℃
Input Resistance:	1450±10Ω	Protection Class:	IP66 & IP68

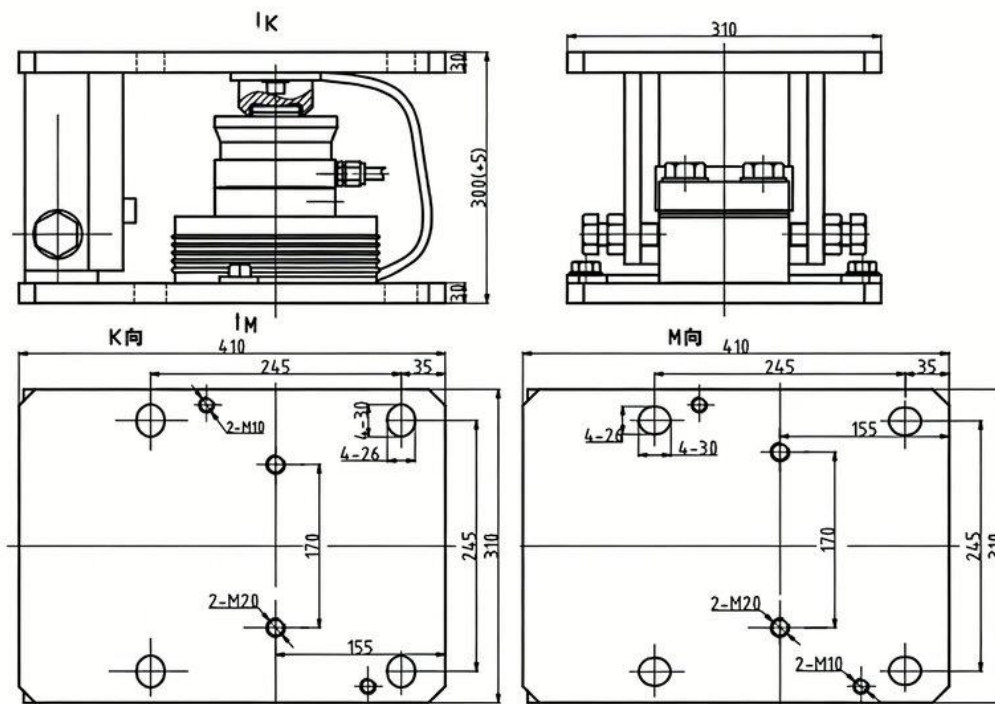
Force Structure

COMPRESSION LOAD CELL FORCE INSTALLATION

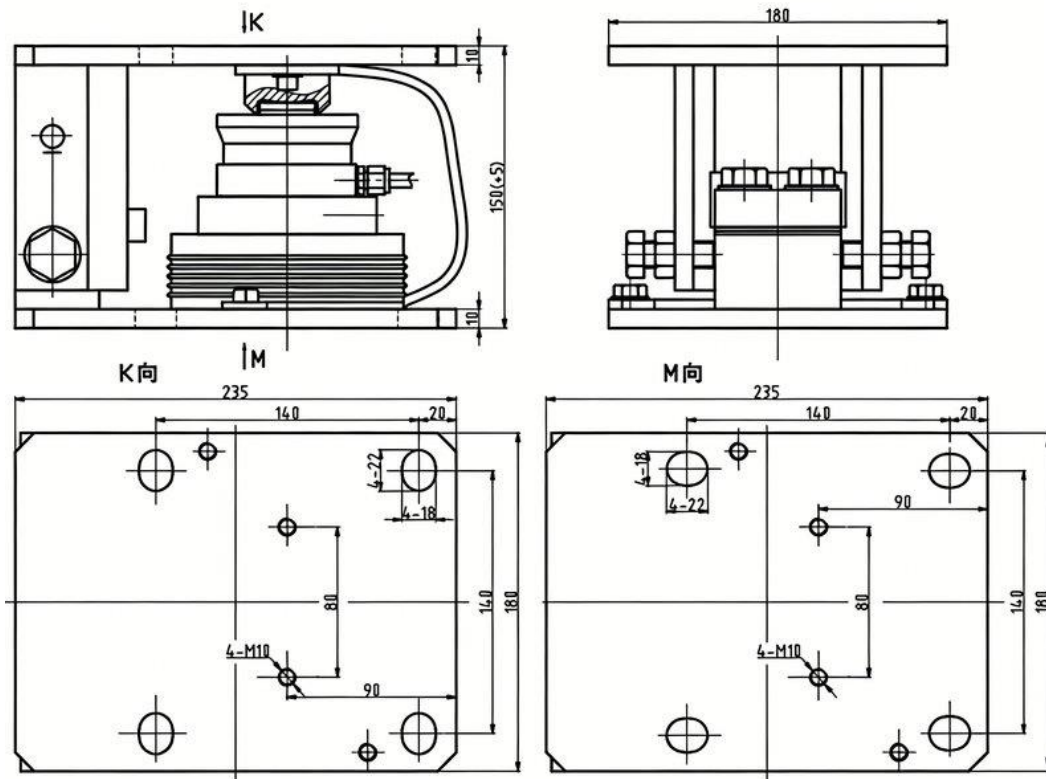


Product Dimensions

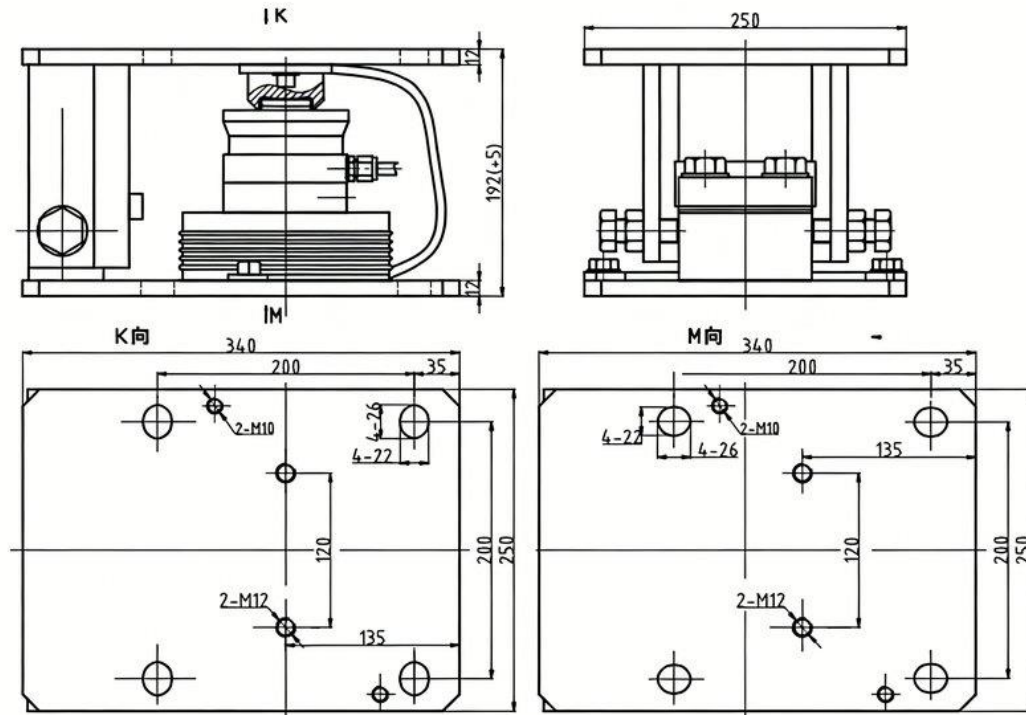
MLC410-100T WEIGHING MODEL



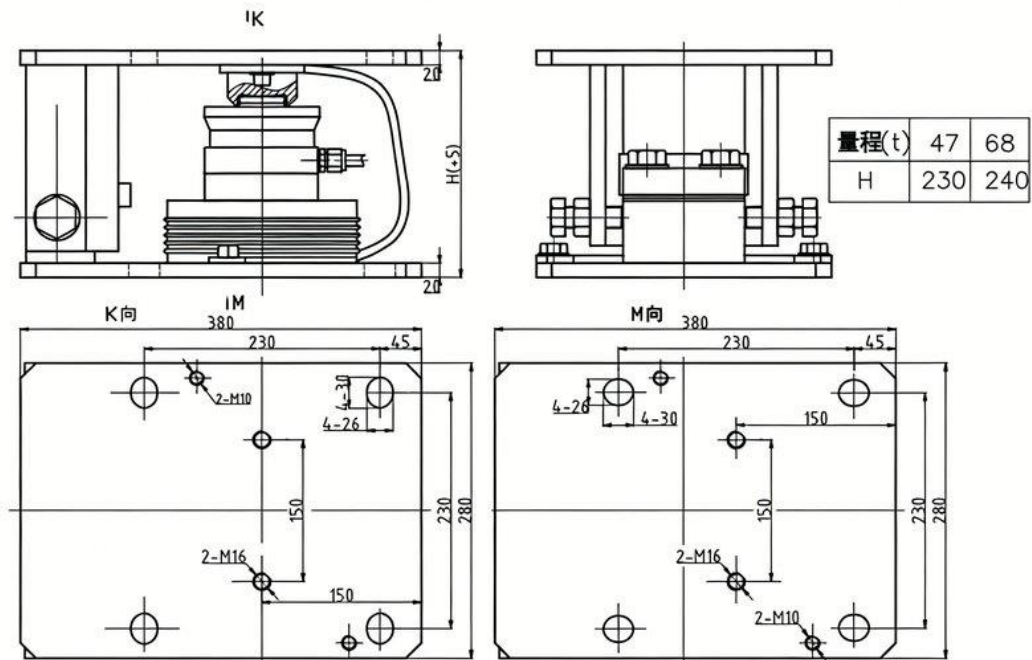
MLC410-22T WEIGHING MODEL

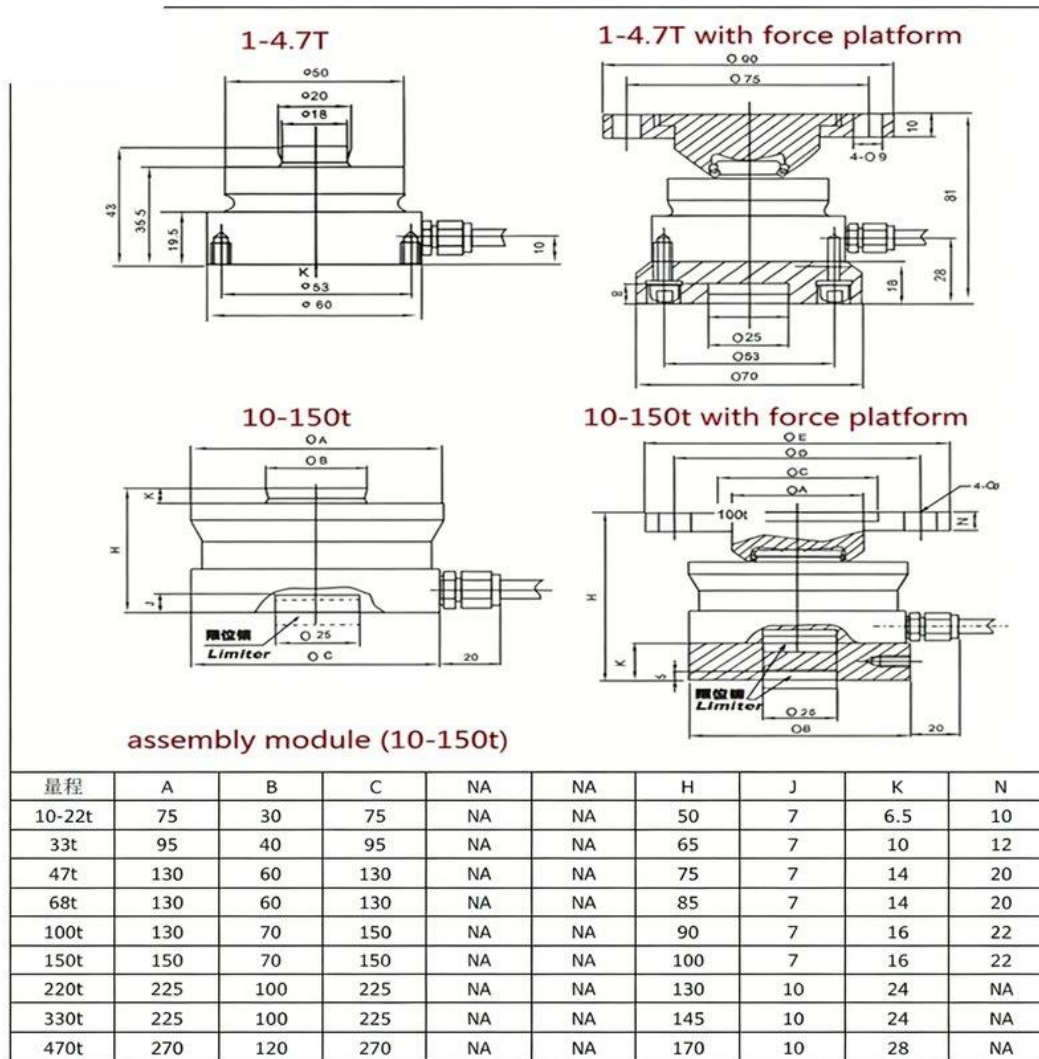


MLC410-33T WEIGHING MODEL



MLC410-68T WEIGHING MODEL





Load cell dimension									
				NA	NA	H	J	K	N
				NA	NA	50	7	6.5	10
				NA	NA	65	7	10	12
				NA	NA	75	7	14	20
				NA	NA	85	7	14	20
				NA	NA	90	7	16	22
150t	150	70	150	NA	NA	100	7	16	22
220t	225	100	225	NA	NA	130	10	24	NA
330t	225	100	225	NA	NA	145	10	24	NA
470t	270	120	270	NA	NA	170	10	28	NA
Load cell with force platform dimension									
Load range	A	B	C	D	E	H	J	K	N
10-22t	45	75	55	80	100	95	11.5	20	10
33t	58	95	68	95	120	120	13	25	12
47t	80	130	92	130	170	140	17.5	30	20
68t	80	130	92	130	170	150	17.5	30	20
100t	100	150	110	150	200	177	25	40	22
150t	100	150	110	150	200	187	25	40	22