



MANYEAR TECHNOLOGY

High Temperature Load Cell

MLC116-Track Scale Force Testing Machine Ladle Scale High Temperature Load Cell 200t

Model: MLC116

Category: High Temperature Load Cell

Capacity: 50t, 100t, 150t, 200t

Dimensions 450*120*130mm、500*140*143mm、560*160*158mm、620*180*175mm

Material: Alloy Steel, Stainless Steel

Application: Compression Force Testing Machine, Ladle Scale



Others Dimensions

Capacity	A	B	C	D	E	F	G	H	J	K	L	M	N	P	Q	R	S	T
50t	450	120	130	105	D38	398	68	75	40	80	110	D26	M20/30	32	45	340	25.5	57
100t	500	140	143	118	D44	444	80	90	44	90	130	D30	M24/36	38	54	370	28.5	62
150t	560	160	158	133	D48	500	94	102	44	90	150	D33	M24/36	38	66	410	32	69
200t	620	180	175	150	D48	560	114	110	44	90	160	D33	M24/40	40	75	450	32	76

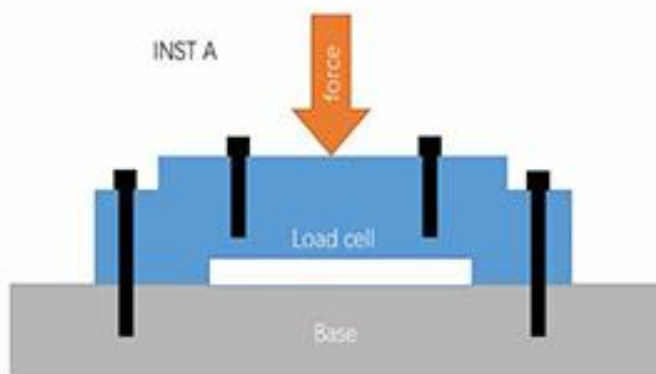
Technical Specifications

Comprehensive Error	0.1%FS	Output Resistance	702±5Ω
Rated Output	2±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 Temp Range	20~+70℃ / -20c~250c
Creep	0.03%FS/10MIN	Temp Effect on Zero	0.05%FS/10℃
Zero Balance	±1%FS	Temp Effect on Sensitivity	0.05%FS/10℃
Input Resistance	750±10Ω	Protection Class	IP66 & IP68

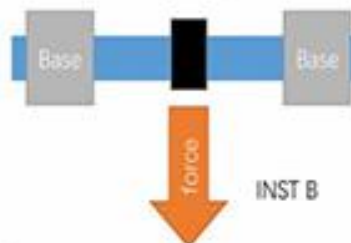
Force Structure

BRIDGE LOAD CELL FORCE INSTALLATION

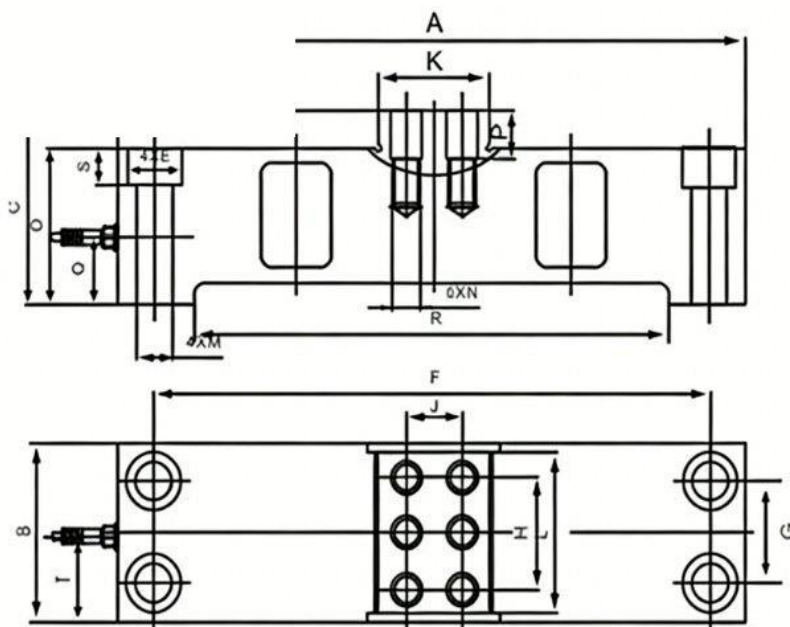
MLC100



PIN LOAD CELL



Product Dimensions



其他尺寸

量程	A	B	C	D	E	F	G	H	J	K	L	M	N	P	Q	R	S	T
50t:	450	120	130	105	D38	388	68	75	40	80	110	D26	M23/30	32	45	380	26.5	57
100:	500	140	143	108	D44	444	80	90	41	90	130	D80	M23/36	38	54	360	26.5	62
100:	500	160	168	133	D44	444	90	90	41	90	130	D33	M24/56	38	54	300	24.5	62
150:	500	160	158	133	D48	500	94	102	44	90	150	D33	M24/56	38	66	410	32	69
200:	620	180	175	150	D48	560	114	110	44	90	160	D33	M23/40	40	75	480	32	70