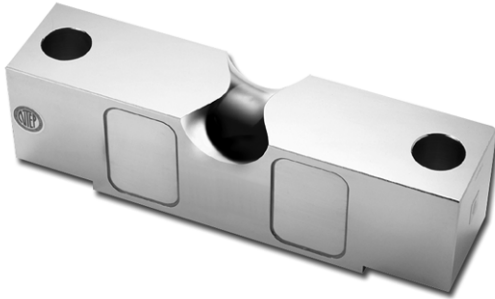


Double Ended Shear Beam



FEATURES

- Capacities 20K-125K lb
- Free of horizontal movement
- Insensitive to side load
- Electroless nickel plated alloy tool steel
- NTEP Class IIIL 10000 approval from 20K lb to 125K lb

DESCRIPTION

The double-ended mounting provides good restraint for possible movement of the tanks and, in many cases, eliminates the need for check rods. The Shear Beam design gives excellent performance for high capacity loading

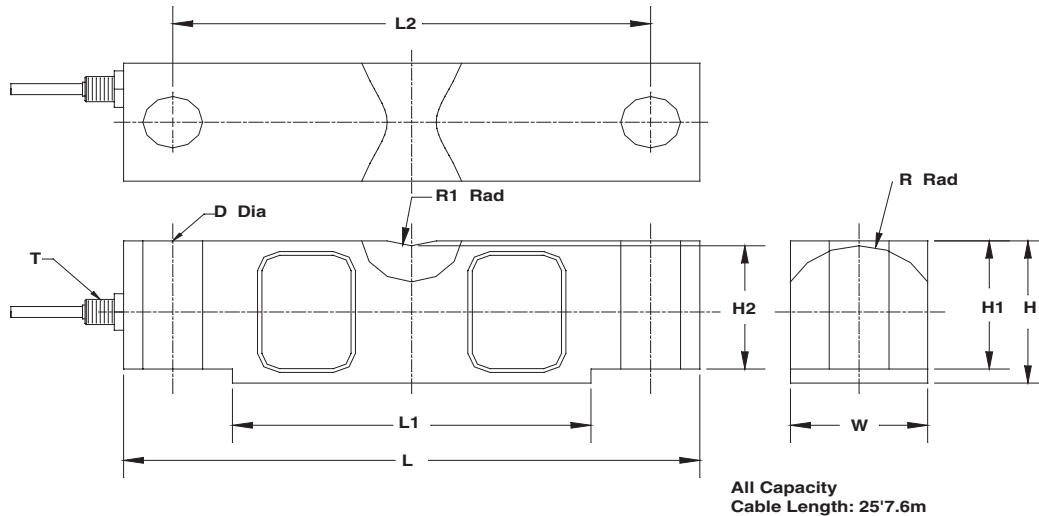
CLB is constructed of alloy steel and is fully potted with special chemical compounds to

IP67 providing excellent protection against moisture and humidity.

APPLICATIONS

- Truck / rail scales
- Silo / hopper / tank weighing
- Fork-lift scales

OUTLINE DIMENSIONS



CAPACITY		L	L1	L2	W	H	H1	H2	D	R	R1	T
20K/ 25K lb	mm	196.9	126.7	165.1	42.9	49.3	43.2	41.4	17.3	22.9	19.1	1/4-18NPT
	(inch)	7.75	4.99	6.50	1.69	1.94	1.70	1.63	0.68	0.90	0.75	
40K lb	mm	260.4	162.3	215.9	49.3	62.0	53.3	50.8	20.6	28.5	25.4	1/4-18NPT
	(inch)	10.25	6.39	8.50	1.94	2.44	2.10	2.00	0.81	1.12	1.00	
50K/ 60K/ 75K lb	mm	260.4	162.3	215.9	62.0	74.7	67.3	64.5	26.9	34.8	25.4	1/2-14NPT
	(inch)	10.25	6.39	8.50	2.44	2.94	2.65	2.54	1.06	1.37	1.00	
100K/ 125K lb	mm	387.4	228.4	323.9	73.7	98.0	87.1	83.8	41.2	45.7	38.1	1/2-14NPT
	(inch)	15.25	8.99	12.75	2.90	3.86	2.43	3.30	1.62	1.80	1.50	

SPECIFICATIONS

Capacity	Standard	NTEP Class IIIL 10000
	20K, 25K, 40K, 50K, 60K, 75K, 100K, 125K lb	20K, 25K, 40K, 50K, 60K, 75K, 100K, 125K lb
Recommended Excitation	10 V AC/DC	
Maximum Excitation	15 V AC/DC	
Output at Rated Load	3 mV/V $\pm$ 0.25%	
Non linearity	0.025%	
Hysteresis Error	0.025%	
Non Repeatability	0.02%	
Creep (20 minutes)	0.03%	
Zero Return (20 minutes)	0.03%	
Temp. Effect/10°C on Span	0.015%	0.010%
Temp. Effect/10°C on Zero	0.026%	0.010%
Compensated Temp. Range	-10°C to 40°C	
Operating Temp. Range	-20°C to 60°C	
Zero Balance	$\pm$ 1%	
Input Resistance	770 $\pm$ 10 Ω	
Output Resistance	700 $\pm$ 5 Ω	
Insulation Resistance (50 VDC)	>5000M Ω	
Deflection at Rated Load	<0.5mm	
Safe Overload	150%	
Ultimate Overload	300%	
Minimum Dead Load (%)		5
Vmin (%)		0.325

All specifications listed subject to change without notice.

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