

SINGLE-ENDED BEAM

RL30745

Stainless Steel, Welded-seal, NTEP Certified 1:5000 Class III Multiple, IP67



500lb model

Dimensions

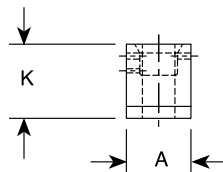
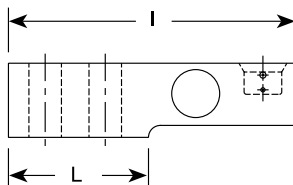
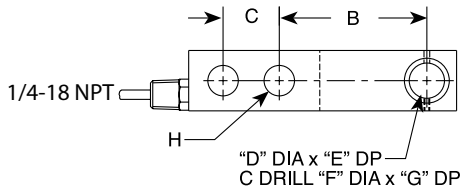
Picture is a representation of actual product

Rated Capacity	A	B	C	D	E	F	G	H	I	K	L
lb/in											
500-2,500	1.20	3.00	1.00	0.63	0.68	0.507	0.189	0.500	5.25	1.22	2.27
5,000	1.46	3.00	1.00	0.63	0.92	0.539	0.38	0.500	5.38	1.40	2.28
10,000	1.68	3.75	1.50	0.88	1.06	0.533	0.44	0.750	6.87	1.68	3.03
kg/mm											
226.8-1,814.2	30.5	76.2	25.4	16.0	17.5	22.4	4.8	12.7	133.3	30.9	57.6
2,268.0	37.1	76.2	25.4	16.0	23.4	22.4	9.7	12.7	136.7	35.5	57.9
4,536.0	42.7	95.3	38.1	22.4	26.9	35.1	11.8	19.1	174.5	42.6	76.9

Order Information

Load Rating	Part#	Est. Weight	Price
30 ft cables			
500 lb	76213	3 lb	Consult
1,250 lb	47946	3 lb	Consult
2,500 lb	45463	3 lb	Consult
5,000 lb	45465	4 lb	Consult
10,000 lb	45466	6 lb	Consult
15 ft cables			
500 lb	101091	3 lb	Consult
1,250 lb	101092	3 lb	Consult
2,500 lb	101093	3 lb	Consult
5,000 lb	101094	4 lb	Consult
10,000 lb	101095	6 lb	Consult
Rocker pin	108612	1 lb	Consult
Rocker pin	130408	1 lb	Consult
Rocker pin	131376	1 lb	Consult
O-ring*	108202	1 lb	Consult

* Two per pin



Interchangeable Products

METTLER-TOLEDO®	
TB600529-500 lb	—
METTLER-TOLEDO	
TB600363-1250 lb	—
METTLER-TOLEDO	
TB600342-2500 lb	—
METTLER-TOLEDO	
TB600343-5000 lb	—
METTLER-TOLEDO	
TB600364-10000 lb	—
HBM®	
THC	page 248

Weigh Module Available

RICE LAKE WEIGHING SYSTEMS	
RLTM	page 70

Specifications

Full Scale Output:

2.0 mV/V, ±0.002 mV/V

Bridge Resistance:

350 ohms, nominal

Material/Finish:

Stainless steel

Temperature:

Compensated range
14°F to 104°F/-10°C to 40°C
Operating range
-40°F to 150°F/-40°C to 65°C

Safe Overload:

150% full scale

Safe Sideload:

100% full scale

Rated Excitation:

5-10 VDC (15 V maximum)

Combined Error:

0.03%

Non-repeatability:

0.01% full scale

Insulation Resistance:

5,000 megohms

Seal Type:

Welded-seal, IP67

Cable Length:

30 ft (9.1 m) or
15 ft (4.6 m)

Cable Diameter:

0.190 polyurethane jacket

Deflection at Capacity:

500 lb-2,500 lb=0.010 in (0.254 mm)
5,000 lb-10,000 lb=0.012 in (0.3048 mm)

Cable Color Code:

Green	Excitation
Black	Excitation
White	Signal
Red	Signal
Yellow	Shield

Warranty:

Two-year limited warranty

Approvals:

