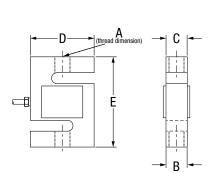S-BEAM

RL20000ST
Stainless Steel, Environmentally Sealed, NTEP Certified 1:10,000 Class IIIL Single Cell, IP67

Dimensions

Picture is a representation of actual product

Rated Capacity	A	B	C	D	E
lb/in					
50-300	1/4-28 UNF	0.65	0.46	2.00	2.40
500-1,000	1/2-20 UNF	0.90	0.71	2.00	2.40
1,500-2,500	1/2-20 UNF	1.15	0.96	2.00	2.40
3,000	1/2-20 UNF	1.15	0.96	3.00	3.90
5,000	3/4-16 UNF	1.15	0.96	3.00	3.90
kg/mm					
22.7-136.0	1/4-28 UNF	16.5	11.7	50.8	60.9
226.8-453.6	1/2-20 UNF	22.9	18.0	50.8	60.9
680.4-1,134	1/2-20 UNF	29.2	24.4	50.8	60.9
1,360.8	1/2-20 UNF	29.2	24.4	76.2	99.1
2,268.0	3/4-16 UNF	29.2	24.4	76.2	99.1

Order Information

Load Rating		Part #	Est. Weight	Price
50 lb	22.7 kg	**72741**	2 lb	Consult
100 lb	45.4 kg	**72742**	2 lb	Consult
200 lb	90.72 kg	**72743**	2 lb	Consult
250 lb	113.4 kg	**72744**	2 lb	Consult
300 lb	136.0 kg	**72745**	2 lb	Consult
500 lb	226.8 kg	**72746**	2 lb	Consult
750 lb	340.2 kg	**72747**	2 lb	Consult
1,000 lb	453.6 kg	**72748**	2 lb	Consult
1,500 lb	680.4 kg	**72749**	2 lb	Consult
2,000 lb	907.2 kg	**72750**	2 lb	Consult
2,500 lb	1,134.0 kg	**72751**	2 lb	Consult
3,000 lb	1,360.8 kg	**72752**	4 lb	Consult
5,000 lb	2,268.0 kg	**72753**	4 lb	Consult
Conduit Adapter Kit* (must be factory installed to maintain warranty)				
3/8-24 nipple		**31533***	1 lb	Consult
3/8-24 to 1/4-18 NPT		**31534***	1 lb	Consult

*PN 31533 and PN 31534 must be installed together to form the Conduit Adapter Kit.

Specifications

Full Scale Output:
 3.0 mV/V

Output Resistance:
 350 (±3.5) ohm

Input Resistance:
 430 (± 60) ohm

Material/Finish:
 Stainless steel

Seal Type:
 Environmentally sealed, IP67

Safe Overload:
 150% full scale

Rated Excitation:
 5-10 VDC (15 V maximum)

Nonlinearity:
 0.03% full scale

Hysteresis:
 0.03% full scale

Insulation Resistance:
 5,000 megohms

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

Cable Length:
 20 ft (6.1 m)

Cable Diameter:
 0.190 polyurethane jacket

Cable Color Code:
 Red ....+ Excitation
 Black.......................− Excitation
 Green......................+ Signal
 White ....− Signal

Warranty:
 Two-year limited warranty

Approvals:

FM APPROVED   NTEP