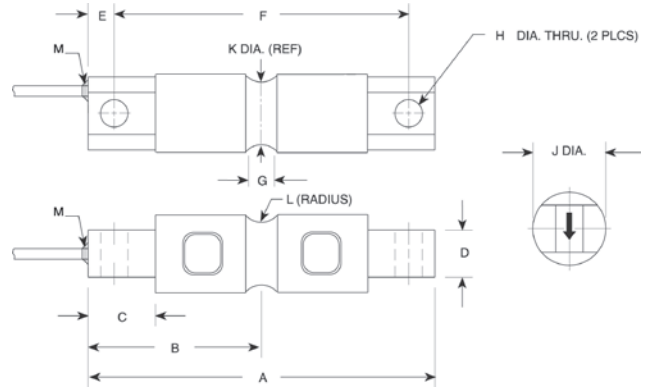


RL70000SS

Double-ended Beam, Stainless Steel, NTEP Certified 1:5000 Class III/1:10,000 IIIL Multiple Cell, IP67



Picture is a representation of actual product



Specifications

Full Scale Output:
3.0 mV/V

Output Resistance:
700 (± 9) ohms

Input Resistance:
880 (± 80) ohms

Material/Finish:
Stainless steel

Temperature:
Compensated range
0°F to 150°F/-18°C to 65°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 V AC/DC (15 V max)

Non-repeatability:
0.02% full scale

Combined Error:
0.03% full scale

Insulation Resistance:
5,000 megohms

Deflection at Capacity:

5,000 lb=0.02 in (0.5 mm)
10,000 lb=0.025 in (.6 mm)
20,000 lb=0.042 in (1.1 mm)
30,000 lb=0.050 in (1.3 mm)
60,000 lb=0.075 in (1.9 mm)
100,000-150,000 lb=0.12 in (3.0 mm)

Seal Type:
Environmentally sealed, IP67

Cable Length:
5,000 lb-20,000 lb=18.6 ft (6 m)
30,000 lb-150,000 lb=30 ft (10 m)

Cable Diameter:
0.295

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

Warranty:
Two-year limited warranty

Approvals:



Except
5,000 lb and
150,000 lb

Dimensions

RATED CAPACITY	A	B	C	D	E	F	G	H	J	K	L	M
lb/inches												
5,000-10,000	8.12	4.06	1.44	1.12	0.62	6.88	0.62	0.66	1.70	1.48	0.50	1/4-18 NPT
20,000	8.12	4.06	1.44	1.12	0.62	6.88	0.84	0.66	1.95	1.48	0.50	1/4-18 NPT
30,000-60,000	10.25	5.12	1.88	2.37	0.88	8.50	1.00	1.06	3.20	2.73	1.00	1/2-14 NPT
100,000	11.25	5.62	1.88	2.50	0.88	9.50	1.00	1.06	3.50	3.24	1.50	1/2-14 NPT
150,000	11.25	5.62	1.88	2.80	0.88	9.50	1.25	1.06	3.90	3.64	1.50	1/2-14 NPT
kg/mm												
2,268.0-4,535.9	206.3	103.1	36.6	28.5	15.8	174.8	15.8	16.8	43.2	37.6	12.7	
9,071.9	206.3	103.1	36.6	14.2	15.8	174.8	21.3	16.8	49.5	37.6	12.7	
13,607.8-27,215.6	260.4	130.1	47.8	60.2	22.4	215.9	25.4	26.9	81.3	69.3	25.4	
45,359.4	285.8	142.8	47.8	63.5	22.4	241.3	25.4	26.9	88.9	82.3	38.1	
68,038.8	285.8	142.8	47.8	71.1	22.4	241.3	31.8	26.9	99.1	92.5	38.1	

Order Information

LOAD RATING		PART #	EST. SHIPPING WEIGHT	PRICE
5,000 lb***	(2,268.0 kg)	30431	5 lb	Consult
10,000 lb	(4,535.9 kg)	30432	5 lb	Consult
20,000 lb	(9,071.9 kg)	30433	6 lb	Consult
30,000 lb	(13,607.8 kg)	30434	22 lb	Consult
40,000 lb	(18,143.7 kg)	30435	22 lb	Consult
50,000 lb	(22,679.6 kg)	30436	22 lb	Consult
60,000 lb	(27,215.5 kg)	30437	22 lb	Consult
100,000 lb	(45,359.2 kg)	30444	30 lb	Consult
150,000 lb***	(68,038.9 kg)	30445	30 lb	Consult

Interchangeable Products

MANUFACTURER	MODEL	PAGE #
VPG Revere®	9103	279
Mettler Toledo	SLD-530	—

*** Non-NTEP Certified

Weigh Module Available

MANUFACTURER	MODEL	PAGE #
Rice Lake Weighing Systems	EZ Mount 1	86