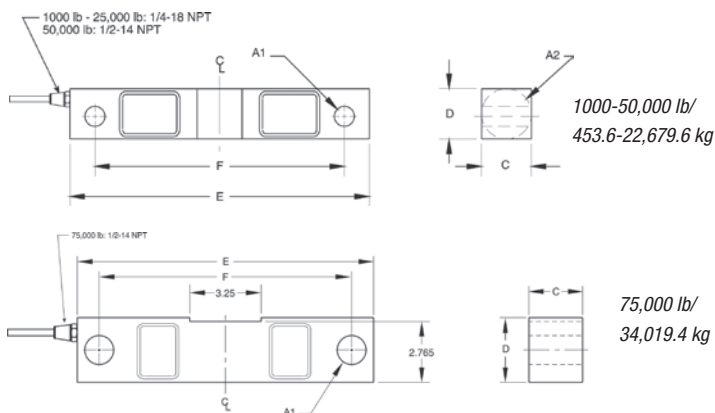


RL75016

Double-ended Beam, Alloy Steel, IP67



Picture is a representation of actual product



Specifications

Full Scale Output:
3.0 mV/V

Output Resistance:
700 (± 5) ohms

Input Resistance:
770 (± 10) ohms

Material/Finish:
High-alloy steel, nickel plated

Temperature:
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)

Nonlinearity:
0.03% full scale

Deflection at Capacity:
1,000 lb-3,000 lb=0.01 in (0.3 mm)
5,000 lb=0.015 in (0.4 mm)
10,000-20,000 lb=0.022 in (0.6 mm)
25,000 lb=0.036 in (0.9 mm)
50,000 lb=0.052 in (1.3 mm)
75,000 lb=0.07 in (1.8 mm)

Hysteresis:
0.02% full scale

Insulation Resistance:
5,000 megohms

Seal Type:
Environmentally sealed, IP67

Cable Length:
25 ft (7.6 m)

Cable Diameter:
1,000 lb-25,000 lb=0.200 polyurethane jacket
50,000 lb-75,000 lb=0.305 polyurethane jacket

Cable Color Code:

Red+ Excitation
Black- Excitation
Green+ Signal
White- Signal

Warranty:
Two-year limited warranty

Approvals:



Dimensions

RATED CAPACITY	A1	A2	C	D	E	F
lb/inches						
1,000-5,000	0.50	1.25	1.25	1.25	7.50	6.25
10,000-25,000	0.81	1.99	1.44	1.94	8.75	7.50
50,000	1.31	3.00	2.44	2.94	13.50	11.50
75,000	1.31	—	2.44	2.94	13.50	11.50
kg/mm						
453.6-2,268.0	12.7	31.8	31.8	31.8	190.5	158.8
4,535.9-11,339.8	20.6	50.8	36.6	49.3	222.3	190.5
22,679.6	33.3	76.2	62.0	74.7	342.9	292.1
34,019.4	33.3	—	62.0	74.7	342.9	292.1

Order Information

LOAD RATING	PART #	EST. SHIPPING WEIGHT	PRICE
1,000 lb (453.6 kg)	17300	4 lb	Consult
1,500 lb (680.4 kg)	17302	4 lb	Consult
2,000 lb (907.2 kg)	17304	4 lb	Consult
2,500 lb (1,134.0 kg)	17306	4 lb	Consult
3,000 lb (1,360.8 kg)	17308	4 lb	Consult
5,000 lb (2,268.0 kg)	17309	4 lb	Consult
10,000 lb (4,535.9 kg)	17311	7 lb	Consult
15,000 lb (6,803.9 kg)	17313	7 lb	Consult
20,000 lb (9,071.9 kg)	17315	7 lb	Consult
25,000 lb (11,339.8 kg)	17317	7 lb	Consult
50,000 lb (22,679.6 kg)	17319	25 lb	Consult
75,000 lb* (34,019.4 kg)	25357	25 lb	Consult

*75,000 lb capacity has a square center

Interchangeable Products

MANUFACTURER	MODEL	PAGE #
VPG Celtron®	DSR	206
VPG Sensortronics®	65016	314
VPG Revere®	5203	—

Weigh Module Available

MANUFACTURER	MODEL	PAGE #
Rice Lake Weighing Systems	RL1600 Series	92 and 94