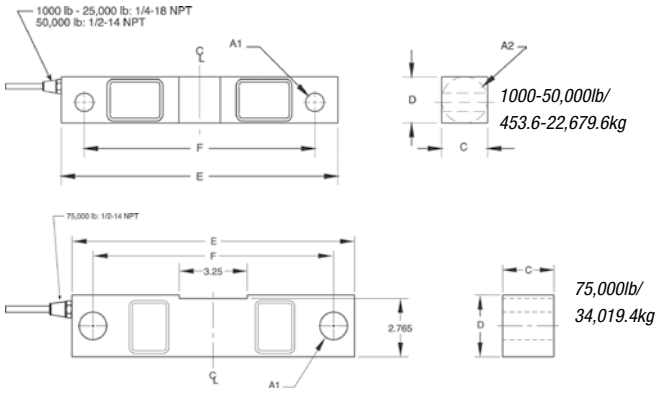
RL75016 SS Double-Ended Beam, Stainless Steel, IP67

Picture is a representation of actual product



SPECIFICATIONS

Full Scale Output:
3.0 mV/V

Output Resistance:
700 ohms, +/- 5

Input Resistance:
770 ohms, +/- 10

Material/Finish:
Stainless steel

Temperature:
Operating range
0°F to 150°F/-18°C to 65°C

Safe Overload:
150% Full scale

Safe Sideload:
100% Full scale

Rated Excitation:
10V DC (15V maximum)

Nonlinearity:
0.07% Full scale

Hysteresis:
0.02% Full scale

Deflection at Capacity:
1000-3000 lb=.01 in/.3 mm,
5000 lb=.015 in/.4 mm
10,000-20,000 lb=.022 in/.6 mm,
25,000 lb=.036 in/.9 mm
50,000 lb=.052 in/1.3 mm,
75,000 lb=.07 in/1.8 mm

Insulation Resistance:
5000 megohms

Seal Type:
Environmentally sealed, IP67

Cable Length:
25 ft/7.6 m

Cable Diameter:
.200 polyurethane jacket 1 k-25 k
.305 polyurethane jacket 50 k-75 k

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	G
lb/inches							
1000-5000	.50	1.25	1.25	1.25	7.50	6.25	.69
10,000-25,000	.81	1.99	1.44	1.94	8.75	7.50	.96
50,000	1.31	3.00	2.44	2.94	13.50	11.50	1.50
75,000	1.31	—	2.44	2.94	13.50	11.50	1.47
kg/mm							
453.6-2268.0	12.7	31.8	31.8	31.8	190.5	158.8	17.5
4535.9-11,339.8	20.6	50.8	36.6	49.3	222.3	190.5	24.4
22,679.6	33.3	76.2	62.0	74.7	342.9	292.1	38.1
34,019.4	33.3	—	62.0	74.7	342.9	292.1	37.3

ORDER INFORMATION

LOAD RATING		PART #	PRICE
1000 lb	(453.6 kg)	17301	Consult
1500 lb	(680.4 kg)	17303	Consult
2000 lb	(907.2 kg)	17305	Consult
2500 lb	(1134.0 kg)	17307	Consult
5000 lb	(2268.0 kg)	17310	Consult
10,000 lb	(4535.9 kg)	17312	Consult
15,000 lb	(6803.9 kg)	17314	Consult
20,000 lb	(9071.9 kg)	17316	Consult
25,000 lb	(11,334.8 kg)	17318	Consult
50,000 lb	(22,679.6 kg)	17320	Consult
*75,000 lb	(34,019.4 kg)	25356	Consult

**75,000 lb capacity has a square center*

INTERCHANGEABLE PRODUCTS

MANUFACTURER	MODEL	PAGE #
Rice Lake Weighing Systems	RL75016 WHE*	153
VPG Sensortronics	65016W	309
VPG Sensortronics	65016WH*	310
VPG Revere Transducers	9203	—
VPG Celtron	DSR-HSS	205

WEIGH MODULE AVAILABLE

MANUFACTURER	MODEL	PAGE #
Rice Lake Weighing Systems	RL1600 Series	86 and 88

**Hermetically sealed*

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