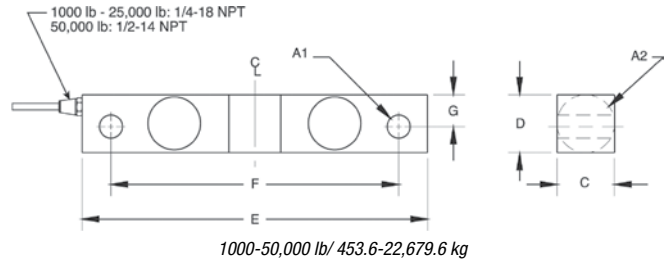


DSR-HSS

Double-Ended Shear Beam, Stainless Steel Welded-seal, 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)

Combined Error:
0.07% Full scale

Insulation Resistance:
5000 megohms

Deflection at Capacity:

1000-3000 lb=.01 in/.3.1 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/1.3.1 mm,

Seal Type:
Welded-seal, IP67

Cable Length:
25 ft/7.6 m

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

Cable Color Code:

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

Warranty:
One-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
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
22,679.7	33.3	76.2	62.0	74.7	342.9	292.1	38.1

Order Information

LOAD RATING	PART #	PRICE
1000 lb (453.6 kg)	76544	Consult
5000 lb (2268.0 kg)	76549	Consult
10,000 lb (4535.9 kg)	76550	Consult
15,000 lb (6803.9 kg)	76551	Consult
20,000 lb (9071.9 kg)	76552	Consult
25,000 lb (11,339.8 kg)	76553	Consult
50,000 lb (22,679.6 kg)	76554	Consult

Interchangeable Products

MANUFACTURER	MODEL	PAGE #
Rice Lake Weighing Systems	RL75016 SS	152
Vishay Sensortronics	65016W	309
Vishay Revere Transducers	9203	—

Weigh Module Available

MANUFACTURER	MODEL	PAGE #
Rice Lake Weighing Systems	RL1600 Series	90 and 92