

Hermetically Sealed Bi-Directional Load Cell Model: HRS

Ranges from: 1,000 to 50,000 lb.

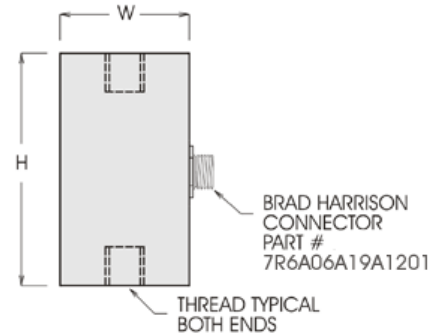
The model HRS hermetically sealed 17-4 stainless steel load cell is submersible to 95psi (about 6.55 bar) and can be used in both tension and compression. The optional molded mating connector is available with 6, 12, 20, and 50 foot cable lengths.



Capacities: 1K, 2K, 3K, 5K, 10K, 20K, 30K, 50K lbs.

Dimensions (Inches)

Capacity Lbs.	H	W Sq.	Thread	Deflection	Wt. Lb.
1,000	2.50	1.425	3/8-24 UNF	.003	1.9
2,000	2.50	1.425	3/8-24 UNF	.003	1.9
3,000	2.50	1.425	1/2-20 UNF	.003	1.9
5,000	3.00	1.925	3/4-16 UNF	.003	2.2
10,000	3.00	1.925	3/4-16 UNF	.003	2.2
20,000	4.00	2.900	1-14 UNS	.006	8
30,000	5.25	2.900	1 1/4-12 UNF	.006	10
50,000	6.25	2.900	1 1/2-12 UNF	.006	12



Rated Output:	2 mV/V Nominal	Temp. Effect on Output:	0.25% Rdg./FS/10°C
Non-Linearity:	0.1% FS	Temp. Effect on Zero:	0.25% FS/10°C
Hysteresis:	0.1% FS	Compensated Temp.:	16 to 71 °C
Non-Repeatability:	0.05% FS	Operating Temp.:	-54 to 93 °C
Input Resistance:	350Ω Nom.	Recommended Excitation:	10Vdc
Output Resistance:	350Ω Nom.	Safe Overload:	150% FS
Zero Balance:	1% FS	Ultimate Overload:	300% FS
Full Scale Deflection:	See chart above		