

**Hermetically Sealed Bi-Directional Load Cell**  
**Model: LCC-HRS**  
**Ranges from: 1,000 to 50,000 lb.**

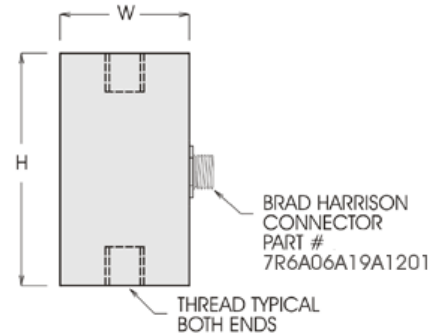
The model HRS hermetically sealed 17-4 stainless steel load cell is submersible to 95psi and can be used in both tension and compression. The optional molded mating connector is available with 6, 12, 20, and 50' cable lengths.



**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



<b>Rated Output:</b>	2 mV/V Nominal	<b>Temp. Effect on Output:</b>	0.005% Rdg./°F
<b>Non-Linearity:</b>	0.1% FS	<b>Temp. Effect on Zero:</b>	0.005% FS/°F
<b>Hysteresis:</b>	0.1% FS	<b>Compensated Temp.:</b>	60 to 160°F
<b>Non-Repeatability:</b>	0.05% FS	<b>Operating Temp.:</b>	-65 to 200°F
<b>Input Resistance:</b>	350Ω Nom.	<b>Recommended Excitation:</b>	10Vdc
<b>Output Resistance:</b>	350Ω Nom.	<b>Safe Overload:</b>	150% FS
<b>Zero Balance:</b>	1% FS	<b>Ultimate Overload:</b>	300% FS
<b>Full Scale Deflection:</b>	See chart above		

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