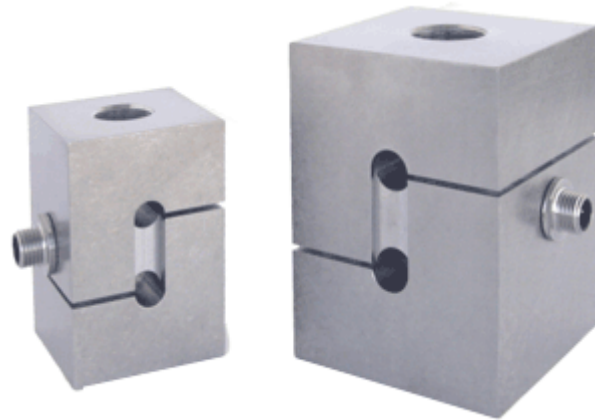


# HERMETICALLY SEALED LOAD CELL UNIVERSAL TENSION OR COMPRESSION

## HSW SERIES LOAD CELL

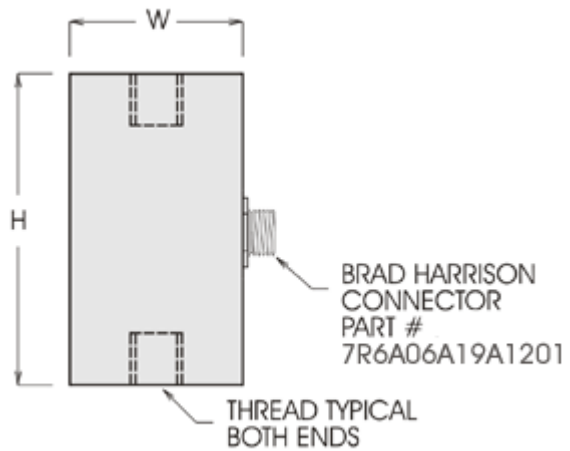
**CAPACITY RANGES:**  
**1,000, 2,000, 3,000, 5,000,**  
**10,000, 20,000, 30,000, 50,000 LBS.**

The HSW Series Load Cell is hermetically sealed for use in harsh industrial environments. All ranges are made from 17-4ph heat treated stainless steel and incorporate a stainless steel molded connector system designed to resist wash down and most chemicals. The mating connector, sold separately, is available in three different cable lengths. As with our SW0 Series, the HSW Series offers high accuracy, low deflection, fast frequency response, and a good output (millivolt) compliance between tension and compression.



### SPECIFICATIONS

- Rated Output (R.O.): 2 mV/V nominal
- Nonlinearity: 0.1% of R.O.
- Hysteresis: 0.1% of R.O.
- Nonrepeatability: 0.05% of R.O.
- Zero Balance: 1.0% of R.O.
- Compensated Temp. Range: 60° to 160°F
- Safe Temp. Range: -65° to 200°F
- Temp. Effect on Output: 0.005% of Load/°F
- Temp. Effect on Zero: 0.005% of R.O./°F
- Terminal Resistance: 350 ohms nominal
- Excitation Voltage: 10 VDC
- Safe Overload: 150% of R.O.



### DIMENSIONS (INCHES)

MODEL	CAPACITY	H	W SQ.	THREAD	THREAD DEPTH	NATURAL RINGING FREQUENCY HZ	DEFLECTION	WT. LBS.
HSW-1K	1,000	2.50	1.425	3/8-24 UNF	.400	3,500	.003	1.9
HSW-2K	2,000	2.50	1.425	3/8-24 UNF	.400	5,000	.003	1.9
HSW-3K	3,000	2.50	1.425	1/2-20 UNF	.500	5,000	.003	1.9
HSW-5K	5,000	3.00	1.925	3/4-16 UNF	.750	5,000	.003	2.2
HSW-10K	10,000	3.00	1.925	3/4-16 UNF	.750	6,500	.003	2.2
HSW-20K	20,000	4.00	2.900	1-14 UNS	1.000	6,500	.006	8
HSW-30K	30,000	5.25	2.900	1 1/4-12 UNF	1.250	8,000	.006	10
HSW-50K	50,000	6.25	2.900	1 1/2-12 UNF	1.500	9,500	.006	12