

ANATOMY OF A HARDY LOAD SENSOR

• Blind Loading Hole

- Allows a spherical end loading pin to insure load is applied at the same precise location, eliminating unwanted effects of side and eccentric loads common with threaded hole designs.

• Hermetically Sealed & IP68 / IP69K (on select models) Rated

- A nitrogen filled sensing area laser sealed by a welded sleeve and cable entry through a glass to metal header blocks moisture and protects circuits from corrosion for long sensor life, even in harsh environments.

• Matched MV/V & MV/V/OHM

- Each sensor produced is electrically matched to a standard resulting in no corner adjustments (trim pots) or recalibration required in platforms or hopper scales.

• Additional 'O' Ring and Stuffing Gland

- Provide additional protection from the environment.



HARDY
PROCESS SOLUTIONS
San Diego, CA
Model #
Capacity
Serial #

C2 SECOND GENERATION CALIBRATION
HI SBH04-4.5K
4.5K LB
164556

• Combined Error Reduced 50%

More consistent weight measurements, lower hysteresis and nonlinearity.

• 200% Safe Overload Limit

Less susceptibility to shock and pulsed loads.

• Cylindrical Sleeve

The gauge area sealing shares much less of the applied load as compared to the conventional cup. This allows more of the applied load to be accurately sensed by the strain gauges.

• 316 Electro-polished Stainless Steel

Cable fittings and gauge area sleeve are polished for additional protection from corrosion.



• Ready To Install Cable

Each sensor is shipped with cables stripped and wires tinned for easy installation.

• Color Code Label

Identifies wires for easy installation.

All information and drawings on these pages are subject to change without notice. Consult website for latest specifications.