

Hermetically-Sealed Bending Beam

Applications

- Hopper and tank weighing
- Floor and barrel scales
- Weighing and packing machine

Features

- Hermetically-sealed
- Easy installation
- Stainless steel construction

Description

- HBB is a single-ended bending beam load cell designed for multiple cell applications such as low profile platform scales or small tank scales when used with proper mounting accessories. It is insensitive to side load and capable of reversed loading.
- HBB is constructed of stainless steel and hermetically-sealed with stainless steel bellows to IP67 providing excellent protection against corrosive and wash-down environments.

Specifications

Standard Capacity	10kg, 20kg, 50kg, 100kg, 200kg, 250kg		
Recommended Excitation	10 V AC/DC	Compensated Temp. Range	-10°C to +40°C
Maximum Excitation	15 V AC/DC	Operating Temp. Range	-20°C to +60°C
Output at Rated Load	2 mV/V±0.25%	Zero Balance	±1%
Combined Error	0.03%	Input Resistance	385±10Ω
Non Repeatability	0.01%	Output Resistance	350±5Ω
Creep (20 minutes)	0.03%	Insulation Resistance(50VDC)	>5000 MΩ
Zero Return (20 minutes)	0.03%	Deflection at Rated Load	<0.5mm
Temp. Effect/10°C on Span	0.015%	Safe Overload	150%
Temp. Effect/10°C on Zero	0.026%	Ultimate Overload	300%

All Specifications Listed Subject To Change Without Notice