

HBB



HERMETICALLY-SEALED BENDING BEAM



APPLICATIONS

- Platform Scales (Multiple Load Cells)
- Silo / Hopper / Tank Weighing
- Packaging Machines
- Dosing / Filling
- Belt Scales / Conveyor scales

FEATURES

- Hermetically-sealed
- Stainless steel construction
- High side load tolerance
- Easy installation
- OIML C3 approval from 50kg to 250kg

DESCRIPTION

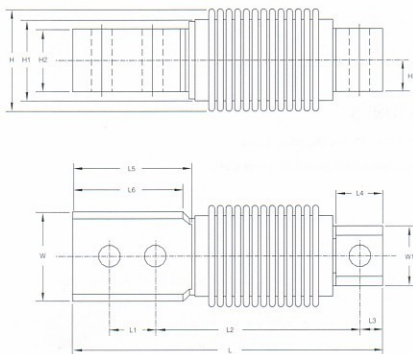
- HBB is a single-ended bending beam load cell designed for multiple cell applications, such as low profile platform scales or small tank scales when used with proper mounting accessories.
It is insensitive to side load and capable of reversed loading.
- HBB is constructed of stainless steel and hermetically-sealed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



..... SPECIFICATIONS:

Capacity	Standard	OIML C3
	10, 20, 50, 100, 200, 250 kg	50, 100, 200, 250 kg
Recommended Excitation	10 V AC/DC	
Maximum Excitation	15 V AC/DC	
Output at Rated Load	2 mV/V $\pm$ 0.2 5%	
Non linearity	0.03%	0.025%
Hysteresis Error	0.03%	0.025%
Non Repeatability	0.01%	
Creep (20 minutes)	0.03%	0.02%
Zero Return (20 minutes)	0.03%	0.02%
Temp. Effect/10°C on Span	0.015%	
Temp. Effect/10°C on Zero	0.026%	
Compensated Temp. Range	-10 °C to 40 °C	
Operating Temp. Range	-20 °C to 60 °C	
Zero Balance	$\pm$ 1%	
Input Resistance	385 $\pm$ 5 Ω	
Output Resistance	350 $\pm$ 3 Ω	
Insulation Resistance (50 VDC)	>5000 Ω	
Deflection at Rated Load	<0.5 mm	
Safe Overload	150%	
Ultimate Overload	300%	

..... OUTLINE:



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Cable Length: 10/3m

..... DIMENSIONS:

CAPACITY	L	L1	L2	L3	L4	L5	L6	H	H1	H2	H3	W	W1
10/ 20/50/100/200/250kg	(mm) 120	18	82	10	19	41	38	41.6	28.2	20	10	31.5	26.6
	(inch) 4.72	0.71	3.23	0.39	0.75	1.61	1.50	1.64	1.11	0.79	0.39	1.24	1.05