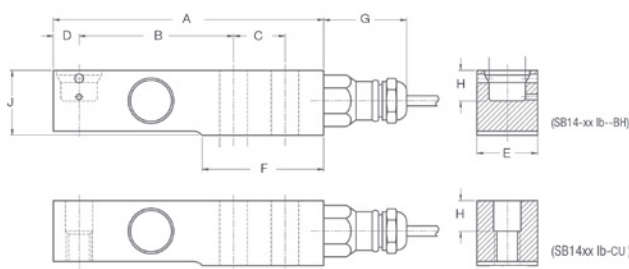


SB14

Single-ended Beam, Stainless Steel, NTEP Certified 1:5000 Class III Multiple Cell, Hermetically Sealed, IP68



Picture is a representation of actual product
Shown as the HB version



* SB14XXCM versions available by special order

Specifications

Full Scale Output:

2.0 mV/V

Output Resistance:

1,000 (± 2) ohms

Input Resistance:

1,100 (± 50) ohms

Material/Finish:

Stainless steel

Temperature:

Compensated range
14°F to 104°F (-10°C to 40°C)
Operating range
-40°F to 150°F (-40°C to 65°C)

Safe Overload:

200% full scale

Safe Sideload:

100% full scale

Rated Excitation:

5-10 VDC (15 V maximum)

Insulation Resistance:

5,000 megohms

Combined Effect of Nonlinearity

and Hysteresis:
 $\pm 0.03\%$ full scale

Seal Type:

Hermetically sealed, IP68

Cable Length:

10 ft (3.1 m)

Cable Diameter:

0.196 polyurethane jacket

Cable Color Code:

Green+ Excitation
Black- Excitation
White+ Signal
Red- Signal
Yellow Shield

Warranty:

One-year limited warranty

Approvals:


Available
upon request

Dimensions

RATED CAPACITY	A	B	C	D	E	F	G	H	I*	J
lb/in										
500-1,000	5.25	3.00	1.00	0.50	1.18	2.35	1.61	0.59	1/2-20 UNF	1.22
2,500	5.25	3.00	1.00	0.50	1.18	2.35	1.61	0.59	1/2-20 UNF	1.22
5,000	5.25	3.00	1.00	0.50	1.18	2.35	1.61	0.59	1/2-20 UNF	1.22
kg/mm										
226.8-453.6	133.4	76.2	25.4	12.7	30.0	59.9	41.00	15.00	1/2-20 UNF	31.00
1,134.0	133.4	76.2	25.4	12.7	30.0	59.9	41.00	15.00	1/2-20 UNF	31.00
2,268.0	133.4	76.2	25.4	12.7	30.0	59.9	41.00	15.00	1/2-20 UNF	31.00

Order Information-CU Version*

LOAD RATING		PART#	EST. SHIPPING WEIGHT	PRICE
500 lb	(226.8 kg)	41167	3 lb	Consult
1,000 lb	(453.6 kg)	41168	3 lb	Consult
2,500 lb	(1134 kg)	41169	3 lb	Consult
5,000 lb	(2268 kg)	41170	3 lb	Consult

*CU versions have a counterbore/unified thread 1/2-20 UNF

**HB versions have a blind load hole

Order Information-HB Version**

LOAD RATING		PART#	EST. SHIPPING WEIGHT	PRICE
500 lb	(226.8 kg)	119556	3 lb	Consult
1,000 lb	(453.6 kg)	119557	3 lb	Consult
2,500 lb	(1,134 kg)	119558	3 lb	Consult
5,000 lb	(2,268 kg)	119559	3 lb	Consult

