

NBB-SS



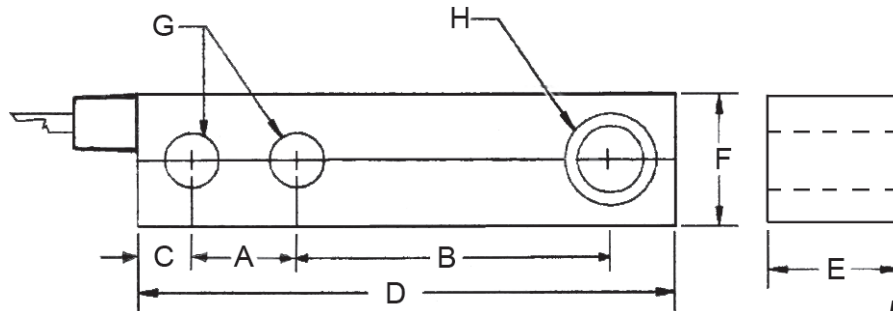
**NIKKEI
NBB-SS**

Superior Quality, Stainless Steel NBB-SS Beam Load Cells

- ✓ *20 foot 4 conductor cable.*
- ✓ *Low profile design.*
- ✓ *Interchangeable with HBM® Model BBS.*
- ✓ *Capacities from 50 lbs. to 7.5k.*



Totalcomp® Scales & Components



NBB-SS

NBB-SS BEAM LOAD CELL

Interchangeable with HBM® Model BBS.

The Nikkei NBB-SS bending beam load cells are built to meet or exceed all manufactures specs. Constructed from Stainless Steel for harsh washdown environment.

Part Number	Capacity	Weight	A	B	C	D	E	F	G	H
NBB-50-SS	50 lb	2 lb	0.875	4.25	0.38	6.00	1.38	1.38	0.281	0.328
NBB-100-SS	100 lb	3 lb	0.875	4.25	0.38	6.00	1.38	1.38	0.281	0.328
NBB-200-SS	200 lb	3 lb	0.875	4.25	0.38	6.00	1.38	1.38	0.281	0.328
NBB-250-SS	250 lb	3 lb	0.875	4.25	0.38	6.00	1.38	1.38	0.281	0.328
NBB-500-SS	500 lb	3 lb	0.875	4.25	0.38	6.00	1.38	1.38	0.281	0.328
NBB-1K-SS	1,000 lb	3 lb	0.875	4.25	0.38	6.00	1.38	1.38	0.281	0.328
NBB-1KLE-SS	1,000 lb	9 lb	0.875	4.25	0.38	6.00	1.38	1.38	0.281	0.328
NBB-2.5K-SS	2,500 lb	10 lb	0.875	4.25	0.38	6.00	1.38	1.38	0.281	0.328
NBB-5K-SS	5,000 lb	28 lb	0.875	4.25	0.38	6.00	1.38	1.38	0.281	0.328
NBB-7.5K-SS	7,500 lb	28 lb	0.875	4.25	0.38	6.00	1.38	1.38	0.281	0.328

Performance

Full Scale Output
2.00 mV/V

Combined Error
±0.03% FSO

Nonlinearity
±0.03% FSO

Hysteresis
±0.02%

Creep
±0.03% FS in 20 min

Non-Repeatability
±0.01% FSO

Zero Balance

±1.0% FSO

Overload Safe
150% FSO

Overload Ultimate
300% FSO

Electrical

Bridge Resistance

50 lb. - 1K
Input 810 ohms
Output 750 ohms
1KLE - 7.5K
Input 375 ohms
Output 350 ohms

Excitation Voltage

10VDC (15VDC Max)

Insulation Resistance
10KM ohms @ 50VDC

Temperature

Compensated Range
-10°C to +40°C

Temperature Operating Range
-16°C to +65°C

Effect on Zero Balance
0.0015% FSO/deg F

Effect on FS Output
0.0008% FSO/deg F

Mechanical

Material
Stainless Steel

Sealing
IP67

Wiring

Cable Length & Type
20 foot, 4 conductor

Cable Color Code

+ Excitation.....Green
- Excitation.....Black
+ Output.....White
- Output.....Red
Shield.....Bare

TOTALCOMP LIMITED WARRANTY

Totalcomp warrants this product to be free of defects in materials and/or workmanship and suitable for the purpose(s) intended as outlined on this sheet. This warranty is effective and shall cover the purchaser for one year from the date of shipment from our plant. If this product is found to be defective by our inspection in accordance with the above listed criteria, we will replace or repair it at our expense. For warranty service, please obtain a return authorization number from us and return the item, shipping prepaid, with a written description of the problem. We will respond promptly with the results of our evaluation.