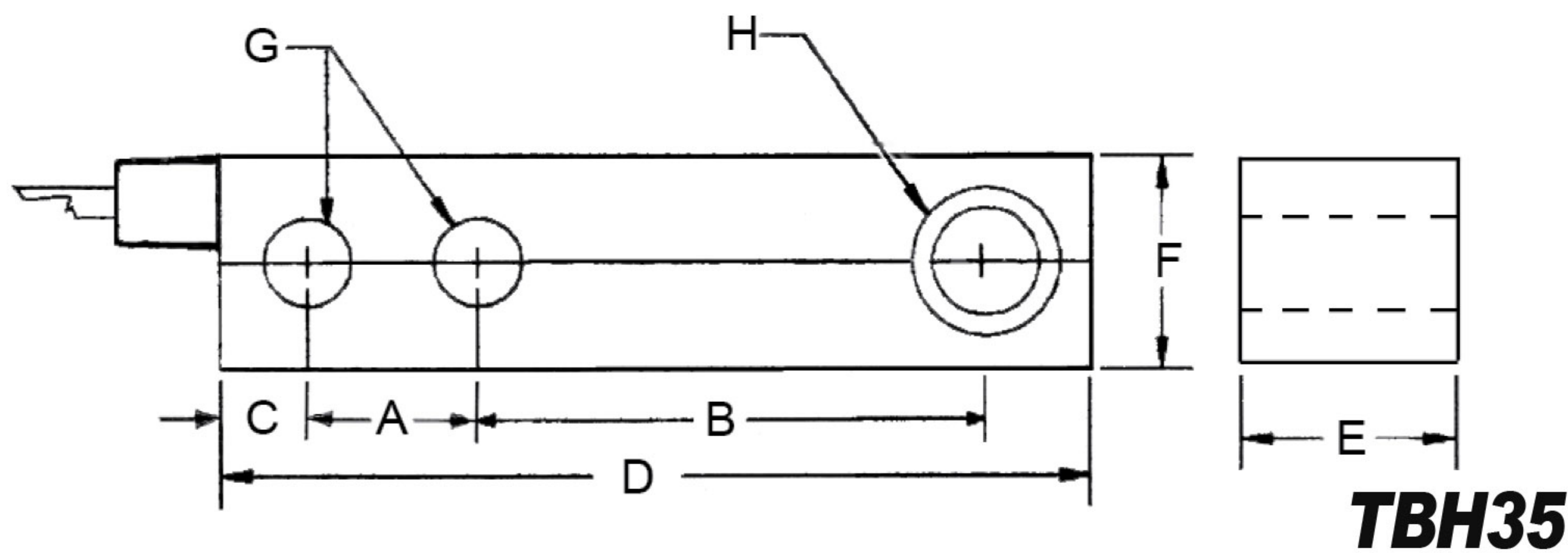




TBH35 TOTALCOMP BEAM LOAD CELL

The *Totalcomp* TBH35 series beam load cells are the latest introduction to the popular beam line. The TBH35 offers all stainless steel construction. Ideal for applications such as floor scales, tank, bin, and hopper weighing.

Part Number	Capacity	Weight	A	B	C	D	E	F	G	H
TBH35-500-SS	500 lb	3 lb	1.00	3.00	0.62	5.12	1.12	1.21	0.53	1/2-20
TBH35-1K-SS	1,000 lb	3 lb	1.00	3.00	0.62	5.12	1.12	1.21	0.53	1/2-20
TBH35-2.5K-SS	2,500 lb	3 lb	1.00	3.00	0.62	5.12	1.12	1.21	0.53	1/2-20
TBH35-4K-SS	4,000 lb	3 lb	1.00	3.00	0.62	5.12	1.12	1.21	0.53	1/2-20
TBH35-5K-SE-SS	5,000 lb	4 lb	1.00	3.00	0.62	5.12	1.12	1.21	0.53	1/2-20

Performance

- Full Scale Output
3.00 mV/V
- Combined Error
±0.03% FS
- Nonlinearity
±0.05% FS
- Hysteresis
±0.03%
- Creep
±0.03% FS in 20 min
- Non-Repeatability
±0.01% FS
- Zero Balance
±2.0% FS

Overload Safe

- 150% FS
- Overload Ultimate
300% FS

Electrical

- Bridge Resistance
Input 350 ohms
Output 350 ohms
- Excitation Voltage
10VDC (15VDC Max)
- Insulation Resistance
5KMohms@50VDC

Temperature

- Compensated Range
-10°C to +40°C
- Temperature Operating Range
-16°C to +65°C
- Effect on Zero Balance
0.0025% FS/deg F
- Effect on FS Output
0.0015% FS/deg F

Mechanical

- Material
Stainless Steel
- Finish
Electropolished
- Sealing
IP68

Wiring

- Cable Length & Type
20 foot, 4 conductor
- Cable Color Code
+ Excitation.....Green
- Excitation.....Black
+ Output.....White
- Output.....Red
Shield.....Yellow