

BSA | Shear Beam

DESCRIPTION

The BSA is a low profile shear beam type Load Cell designed for platform scales, Tank scales and Hopper scales etc.

It is approved to OIML and NTEP

Via the use of threaded hole, easy installation is possible.



Specifications

Capacity		kgf	250, 500, 1K, 2K, 3K, 5K	
Rated Output		mV/V	3.0 ± 0.0075	
Zero Balance		mV/V	0.0 ± 0.03	
Accuracy Class		-	D3	C3
Non-Linearity	% R.O.		≤ 0.03	≤ 0.025
Hysteresis	% R.O.		≤ 0.03	≤ 0.025
Combined Error	% R.O.		≤ 0.03	≤ 0.025
Repeatability	% R.O.		≤ 0.01	≤ 0.01
Creep for 30min.	% R.O.		≤ 0.03	≤ 0.017
Return for 30min.	% R.O.		≤ 0.03	≤ 0.017
Resolution			≤ 1/3000	≤ 1/4000
Division		mV/V	0.001	0.00075
Temperature Effect on	- Zero Value	%/10°C	≤ 0.028	≤ 0.014
	- Output Value	%/10°C	≤ 0.015	≤ 0.011
Excitation	- Recommended	V	10	
	- Maximum	V	15	
Resistance	- Input	Ω	350 ± 3.5	
	- Output	Ω	350 ± 3.5	
	- Insulation	MΩ	> 2000	
Compensated Temperature Range		°C	-10 to +40	
Operating Temperature Range		°C	-30 to +80	
Material & Plate			Nickel Plated Steel	
Cable Specification			Ø5.4 x 4P x 5M (Urethane)	
Safety Overload	% R.L.		150%R.L.	
Platform Size	mm		Without Limit	



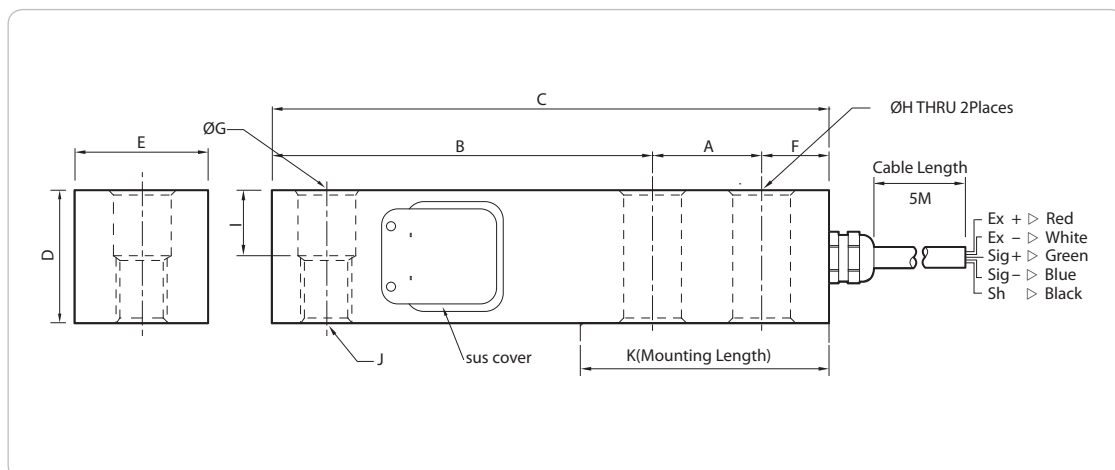
Features

- ▶ Max capacities of 250-5,000kg
- ▶ OIML C3 approval(OIML R60)
- ▶ NTEP Class III 5000d approval
- ▶ Low profile
- ▶ Nickel plated steel
- ▶ Threaded load hole

Options

- ▶ TW bolt type accessory available
- ▶ TWE ball & safety guide bar type accessory available

Dimension



Applications

- ▶ Platform scales
- ▶ Tank and hopper scales

Capa.	A	B	C	D	E	F	G	H	I	J	K
250kgf	25.4	76.2	130	32	32	15.8	13.5	13.5	16	M12 x 1.75	52
500kgf											
1tf											
2tf	38.1	95.3	171.5	38	38	19	20	20	19	M18 x 1.5	76.2
3tf											
5tf											