

BS | Shear Beam

DESCRIPTION

The BS is a low profile shear beam Load Cell. It is nickel plated steel and designed for platform scales, Tank scales and Hopper scales etc.



▲ BS(250kgf~5tf)

Specifications

Capacity		kgf	250, 500	1K, 2K, 5K, 10K
Rated Output		mV / V	1.5 ± 0.0037	2.0 ± 0.005
Zero Balance		mV / V	0.0 ± 0.015	0.0 ± 0.02
Accuracy Class		-	-	
Non-Linearity		% R.O.	≤ 0.03	
Hysteresis		% R.O.	≤ 0.03	
Combined Error		% R.O.	≤ 0.03	
Repeatability		% R.O.	≤ 0.01	
Creep for 30min.		% R.O.	≤ 0.03	
Return for 30min.		% R.O.	≤ 0.03	
Resolution		-	≤ 1/3000	
Division		mV / V	0.0005	0.00067
Temperature Effect on	- Zero Value	%/10°C	≤ 0.028	
	- Output Value	%/10°C	≤ 0.015	
Excitation	- Recommended	V	10	
	- Maximum	V	15	
Resistance	- Input	Ω	350 ± 20	
	- Output	Ω	350 ± 5	
	- Insulation	MΩ	> 2000	
Compensated Temperature Range		°C	-10 to +40	
Operating Temperature Range		°C	-20 to +80	
Material & Plate		-	Nickel Plated Steel	
Cable Specification		-	Ø5.4 x 4P x 3M (Urethane)	
Safety Overload		% R.L.	150	
Platform Size		mm	Without Limit	

Features

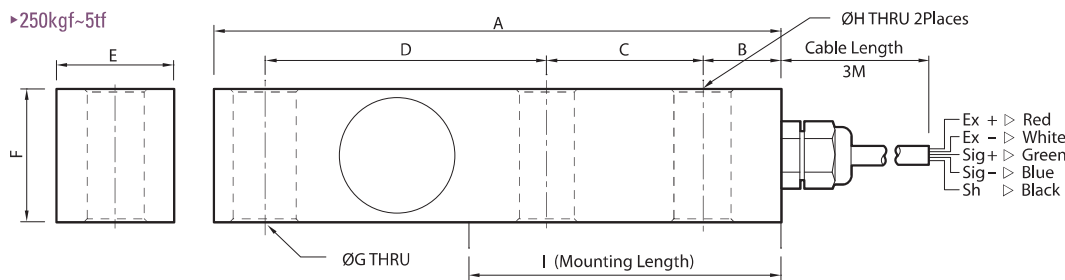
- ▶ Max capacities of 250~10,000kg
- ▶ Low profile
- ▶ Nickel plated steel

Options

- ▶ Ball type accessory available

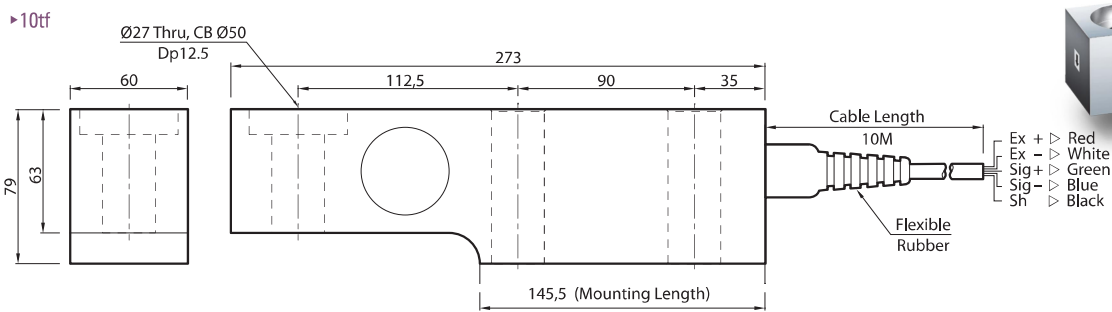
Dimension

▶ 250kgf~5tf



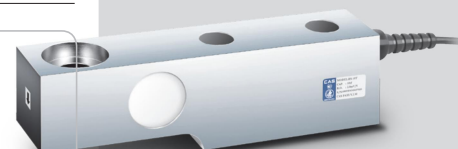
Capa.	A	B	C	D	E	F	G	H	I
250kgf ~ 2tf	145.0	20.0	40.0	72.0	34.0	30.0	16.0	14.5	80.0
5tf	205.0	25.0	55.0	105.0	48.0	38.0	20.5	20.5	105.0

▶ 10tf



Applications

- ▶ Platform scales
- ▶ Tank and hopper scales



▲ BS(10tf)