

BSA SERIES



Shear Beam - Load Cell 500 kg / 1t / 2t / 3t / 5t



→ **Trade Approved**

(1t, 2t, 3t, 5t NMI No. S444)

→ **Nickel plated steel**

→ **Protection class IP67**

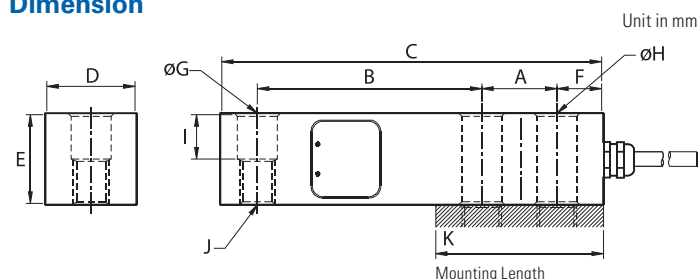
→ **OIML R60 Cert.**



Technical Specifications

Max Capacity (rated load)	kgf	500kg, 1t, 2t, 3t, 5t
Rated Output	mV / V	3.0 ± 0.0075
Zero Balance	mV / V	0.0 ± 0.03
Accuracy Class	-	C3
Combined Error	% R.O.	0.025
Repeatability	% R.O.	0.01
Creep for 30min.	% R.O.	0.017
Resolution	-	≤1/4000
Division	mV/V	0.00075
Temperature Effect on - Zero Value	%/10 °C	0.014
Temperature Effect on - Output Value	%/10 °C	0.011
Excitation - Recommended	V	10
Excitation - Maximum	V	15
Resistance - Input	Ω	350 ± 3,5
Resistance - Output	Ω	350 ± 3,5
Resistance - Insulation	MΩ	> 2000
Compensated Temperature Range	°C	-10 ~ +40
Operating Temperature Range	°C	-30 ~ +80
Safety Overload	% R.L	150%
Cable Specification	-	ø5.4 x 4p x 5M (Urethane)
NMI Trade Approved No.	-	S444 (excluding 500kg)

Dimension

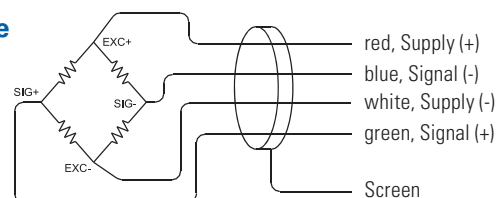


Capa.	A	B	C	D	E	F	G	H	I	J	K
500kg										M12	
1t	25,4	76,2	130	32	32	15,8	13,5	13,5	16	× 1,75	52
2t											
3t	38,1	95,3	171,5	38	38	19	20	20	19	M18	
5t										× 1,5	76,2

Options

- Swivel Foot (High-grade steel) for 500kg to 2t
- Load Cell Spacer
- Mounting Kit

Strain Gauge Connection



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Specifications are subject to change for improvement without prior notice.