

# BSS SERIES



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



→ **Trade Approved**

(1t, 2t, 3t, 5t NMI No. S445)

→ **Stainless steel**

→ **Protection class IP68**

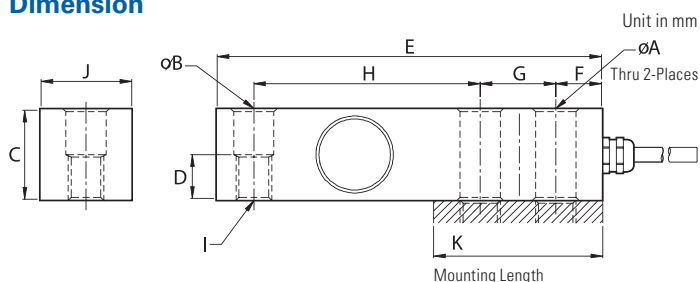
→ **OIML R60 Cert.**



### Technical Specifications

Max Capacity (rated load)	kgf	500kg, 1t, 2t, 3t, 5t
Rated Output	mV / V	2.0 ± 0.005
Zero Balance	mV / V	0.0 ± 0.02
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	0.005
Temperature Effect on - Zero Value	%/10 °C	0.028
Temperature Effect on - Output Value	%/10 °C	0.015
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.	-	S445 (excluding 500kg)

### Dimension

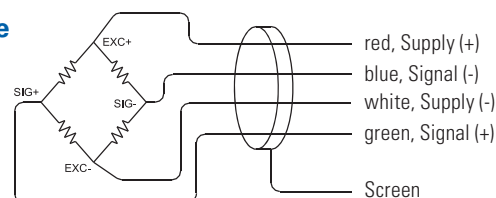


Capa.	A	B	C	D	E	F	G	H	I	J	K
500kg											
1t	13.5	13.5	31.7	15.8	130	15.8	25.4	76.2	M12 x 1.75	31.7	52
2t											
3t	20	20	38.1	19.1	171.5	19	38.1	95.3	M18 x 1.5	38.1	76.2
5t											

### Options

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

### Strain Gauge Connection



UNIT 8, NORTHLINK, 459 TUFNELL ROAD  
BANYO QLD 4014, AUSTRALIA

TEL: +61 (0)7 3267 7767 FAX: +61 (0)7 32 67 1818

EMAIL: sales@cassscale.com.au

<http://www.cassscale.com.au>

Specifications are subject to change for improvement without prior notice.