

# BSB SERIES



## Shear Beam - Load Cell

### 500kg / 1t / 2t

### 3t / 5t



- Nickel Plated Steel
- Mechanical protection with SUS cover
- Integral mounting space
- 4-Point Platform Type

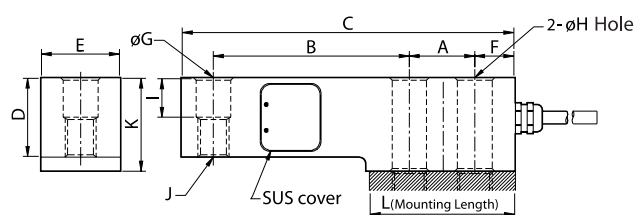
**IP66**  
Dust proof and  
water-protected

### 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 ± 0.030
Accuracy Class	-	-
Combined Error	% R.O.	0.03
Repeatability	% R.O.	0.01
Creep for 30min.	% R.O.	0.03
Resolution	-	≤1/3000
Division	mV/V	0.001
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 to +40
Operating Temperature Range	°C	-30 to +80
Safety Overload	% R.L	150%
Cable Specification	-	ø5.4 x 4p x5M (Urethane-Jacket)

### Dimensions

Unit in mm



Capacity	A	B	C	D	E	F	G	H	I	J	K	L
500kg												
1t	25.4	76.2	130	32	32	15.8	13.5	13.5	16	M12 X 1.75	38	57
2t												
3t	38.1	95.3	171.5	38	38	19	20	20	19	M18 X 1.5	44.5	76
5t												
10t	50.8	120.7	223.3	50.8	50.8	26.4	26.2	26.2	25.4	M24 X 2.0	57.2	101

### Options

- Bolt type\_TW (Low : 500~2K, High : 3K~5K)
- Ball & Safety guide bar type\_TWE (Low : 500~2K, High : 3K~5K)

# CAS

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Specifications are subject to change for improvement without prior notice.

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