

# B S H Shear beam load cell, 500kgf - 5tf



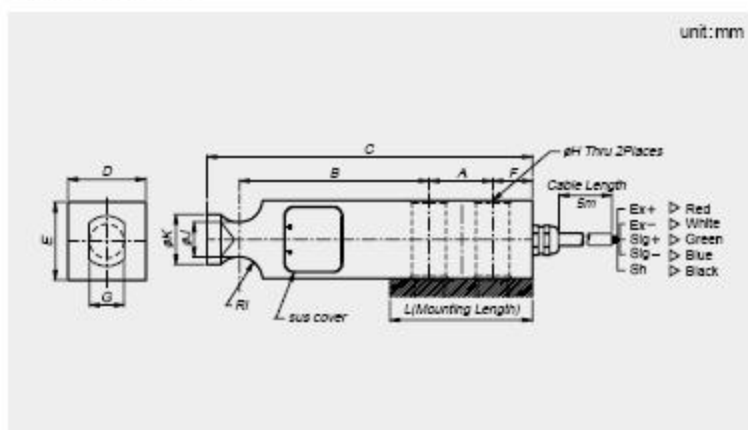
## FEATURES

- Hammer head shear beam
- Link beam application
- Protection class IP66

## SPECIFICATIONS

Max. capacity	kgf	500, 1tf, 2tf, 3tf, 5tf
Rated output	mV/V	$3.0 \pm 0.0075$
Zero balance	mV/V	$0 \pm 0.03$
Combined error	%	0.03
Repeatability	%	0.01
Creep for 30min.	%	0.03
Temperature effect on		
Zero Value	%/10°C	0.028
Output value	%/10°C	0.015
Excitation		
Recommended	V	10
Maximum	V	15
Resistance		
Input	$\Omega$	$350 \pm 3.5$
Output	$\Omega$	$350 \pm 3.5$
Insulation	M $\Omega$	> 2,000
Compensated temperature range	°C	-10 to +40
Operating temperature range	°C	-30 to +80

## DIMENSIONS



## Material

Nickel plated steel

## Mounting

Capacity	Hexagon head-Bolt	Tightening torque
500kgf - 2tf	M12 × 1.75(10.9)	100Nm
3tf - 5tf	M18 × 1.5(10.9)	350Nm

## Cable

Braided shield 4-wire round cable with Urethane-jacket

Model	Capacity	A	b	C	D	E	F	G	H	I	J	K	L
BSH-500L	500kgf	25.4	76.2	130	32	32	15.8	15.8	13.5	11.2	15.2	23.4	52
BSH-1	1tf												
BSH-2	2tf												
BSH-3	3tf	38.5	93.5	171.5	38	38	19	22.9	20	14.2	21.8	30.5	76.2
BSH-5	5tf												