

SB210 / LB210

Shear Beam Load Cell

150, 200, 250, 300, 500 kgf, 1, 2, 3, 5, 10 tf



FEATURES

- Low profile for Industrial platform
- Protection class IP66

Material

- Nickel plated steel (SB210)
- Stainless steel (LB210)

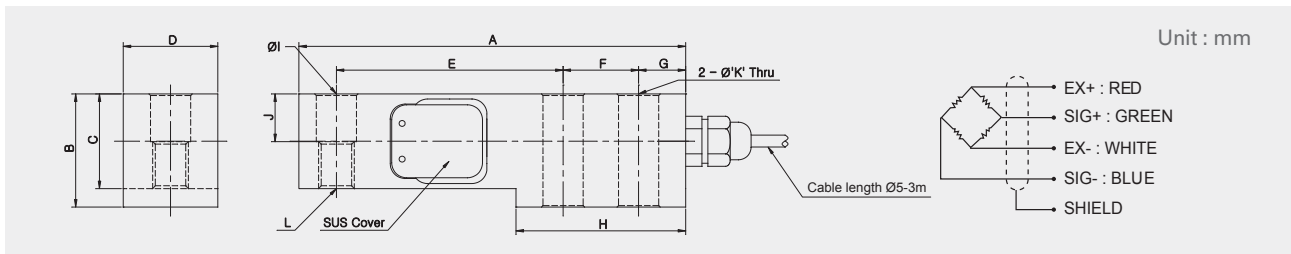
Cable

- Braided shield 4-wire round cable with PVC - jacket

Mounting

Capacity	Hexagon head-bolt	Tightening torque
150 kgf ~ 3 tf	M12 x 1.75 (10.9)	100Nm
5 tf	M18 x 1.5 (10.9)	350Nm
10 tf	M24 x 2.0 (10.9)	860Nm

DIMENSIONS



Model	Capacity	A	B	C	D	E	F	G	H	I	J	K	L
LB210-150K	150 kgf	130	38	32	31.8	76.2	25.4	15.8	57	13.5	16	13.5	M12x1.75
LB210-200K	200 kgf												
LB210-250K	250 kgf												
LB210-300K	300 kgf												
LB210-500K	500 kgf												
LB210 - 1T	1 tf	171.5	44.5	38	38	95.3	38.1	19	76	20	19	20	M18x1.5
LB210 - 2T	2 tf												
LB210 - 3T	3 tf												
LB210 - 5T	5 tf												
LB210 - 10T	10 tf												
		222	57.2	50.8	50.8	120.4	50.8	25.4	100	26.2	25.4	26.2	M24x2.0

SPECIFICATIONS

Max. Capacity		kgf, tf	150, 200, 250, 300, 500 kgf 1, 2, 3, 5, 10 tf
Rated output		mV/V	2.0 ± 0.005
Zero balance		mV/V	0 ± 0.02
Combined error		%RO	0.03
Repeatability		%RO	0.01
Creep (30min.)		%RO	0.03
Temperature effect on			
	Zero value	%RO/10°C	0.03
	Output value	%RO/10°C	0.02
Excitation	Recommended	V	10
	Maximum	V	15
Resistance	Input	Ω	400 ± 30
	Output	Ω	350 ± 3.5
	Insulation	MΩ	> 2,000 @50V DC
Compensated temp. range		°C	-10 ~ +40
Operating temp. range		°C	-20 ~ +80