

SS300 / LS300

S-Type Load Cell

50, 100, 150, 200, 300, 500 kgf, 1, 2, 3, 5, 10 tf



FEATURES

- Tension or compression applications
- Suitable for hanging scales
- Protection class IP66

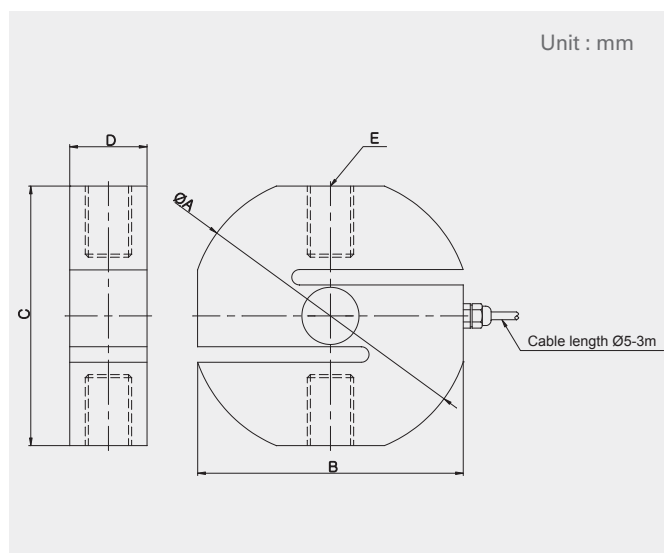
Material

- Nickel plated steel (SS300)
- Stainless Steel (LS300)

Cable

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

DIMENSIONS



Model	Capacity	ØA	B	C	D	E
SS300 LS300	50 kgf	80	74	76	19	M12×1.75
	100 kgf				26	
	150 kgf					
	200 kgf					
	300 kgf					
	500 kgf					
	1 tf	84				M18×1.5
	2 tf					
	3 tf	120	90	110	30	M20×1.5
	5 tf	130	123	120	36	M24×2.0
10 tf	182	172	168	50	M30×2.0	

SPECIFICATIONS

Max. Capacity		kgf	50, 100, 150, 200, 300, 500 kgf, 1, 2, 3, 5, 10 tf
Rated output		mV/V	2.0 ± 0.005
Zero balance		mV/V	0 ± 0.2
Combined error		%RO	0.03
Repeatability		%RO	0.015
Creep (30min.)		%RO	0.03
Temperature effect on	Zero value	%RO/10°C	0.03
	Output value	%RO/10°C	0.03
Excitation	Recommended	V	10
	Maximum	V	15
Resistance	Input	Ω	400 ± 50
	Output	Ω	350 ± 3.5
	Insulation	MΩ	> 2,000 @50V DC
Compensated temp. range		°C	-10 ~ +40
Operating temp. range		°C	-20 ~ +80