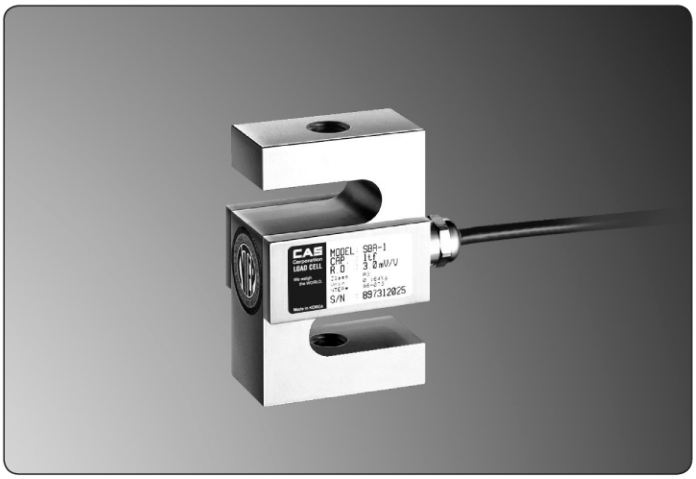
SBA

S-Beam Load Cell

Crane

LOAD CELL



FEATURES

- OIML C3 Approved (OIML R60)
- Compatible with other sources
- Protection Class IP65.
- Tension type load cell
- Option: Pound (LB) ver.

ACCESSORY OPTION

- Rod End (25~100kg : M6 x 1.0)
- Rod End (200~1000kg : M12 x 1.75)
- Rod End (2000~5000kg : M18 x 1.5)

SPECIFICATION

Max. Capacity (Rated Load)	kgf	25, 50, 100, 200, 500, 1K, 2K, 3K, 5K	
Rated Output	mV / V	3.0 ± 0.3	
Zero Balance	mV / V	0.0 ± 0.03	
Accuracy Class	-	D3	C3
Non-Linearity	% R.O.	0.03	0.02
Hysteresis	% R.O.	0.03	0.02
Combined Error	% R.O.	0.03	0.02
Repeatability	% R.O.	0.01	0.01
Creep for 30min.	% R.O.	0.03	0.017
Return for 30min.	% R.O.	0.03	0.017
Resolution	-	≤1/3000	≤1/5000
Division	mV / V	0.00067	0.0004
Temperature Effect on	-	-	-
_Zero Value	% / 10℃	0.028	0.014
_Output Value	% / 10℃	0.015	0.011
Excitation	-	-	
_Recommended	V	10	
_Maximum	V	15	
Resistance	-	-	
_Input	Ω	400 ± 25	
_Output	Ω	350 ± 3.5	
_Insulation	MΩ	>2000	
Compensated Temperature Range	℃	-10 to +40	
Operating Temperature Range	℃	-30 to +80	
Material & Plate	-	Nickel Plated steel	
Cable Specification	-	ø5.4 x 4p x 3M (Urethane - Jacket)	
Safety Overload	% R.L.	150% R.L.	
Platform Size	mm	No Platform Type	

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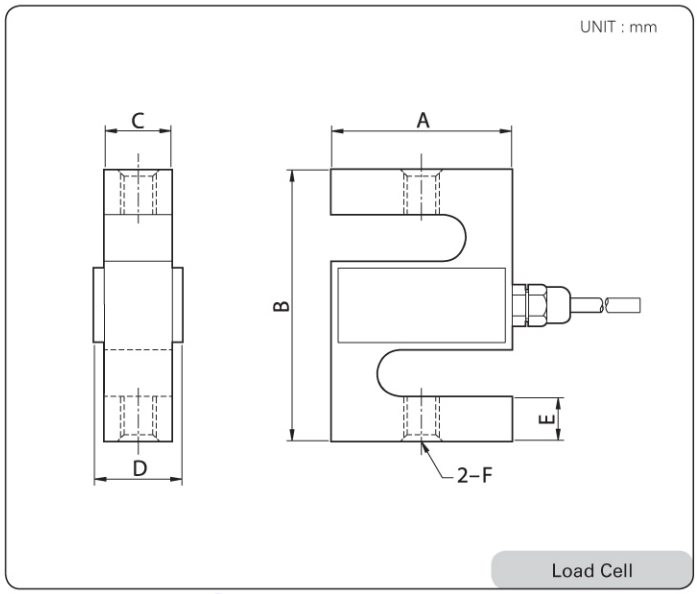
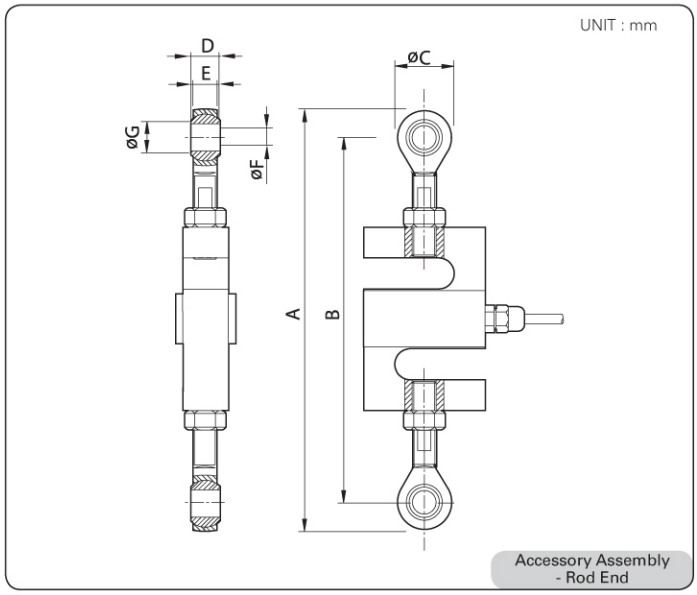
DIMENSION



Capa.	A	B	C	D	E	F
25	50.8	63.5	12.7	20	10.3	M6 X 1.0
50						
100						
200	51	76	19	27	12.6	M12 X 1.75
500						
1K	51	76	25.4	33	12.6	M12 X 1.75
2K	77	108	25.4	33	19	M18 X 1.5
3K						
5K	77	108	25.4	33	19.5	M18 X 1.5



ACCESSORY FEATURES

- Over Load under 150%
- Easy Rod End installation
- Bearing included structure

MANUAL

- Install the Rod End on the upper and bottom side of the Load Cell
- Do not insert the Rod End until the end
- The Rod End should be in a perpendicular with the force direction of the Load Cell

Capa.	A	B	C	D	E	F	G
25	134.1 (Max)	115.6	18.5	9	6.8	9	12
50							
100							
200	211.1	177.1	34	16	12	12	15.4
500							
1K							
2K	318	258	60	23	22	18	21.9
3K							
5K	317	257	60	23	22	18	21.9