



LOAD CELL



FEATURES

- Tension load cell
- Hermetically sealed

ACCESSORY OPTION

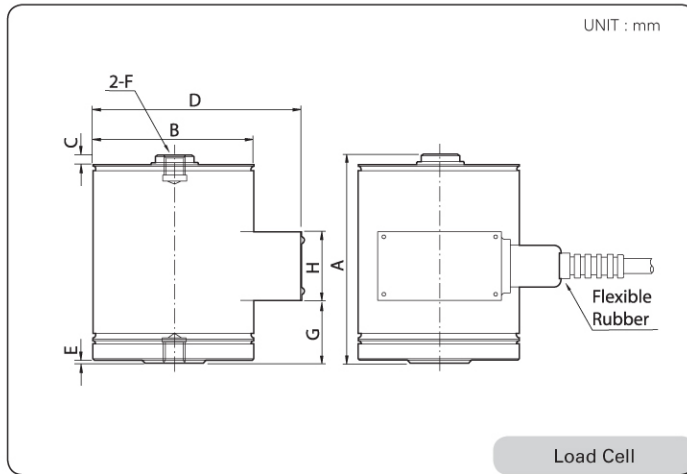
- Rod End (20~1K : M12 x 1.25)
- Rod End (2K~5K : M24 x 2.0)
- Rod End (10K : M39 x 2.0)
- Rod End (20K : M50 x 2.0)

SPECIFICATION

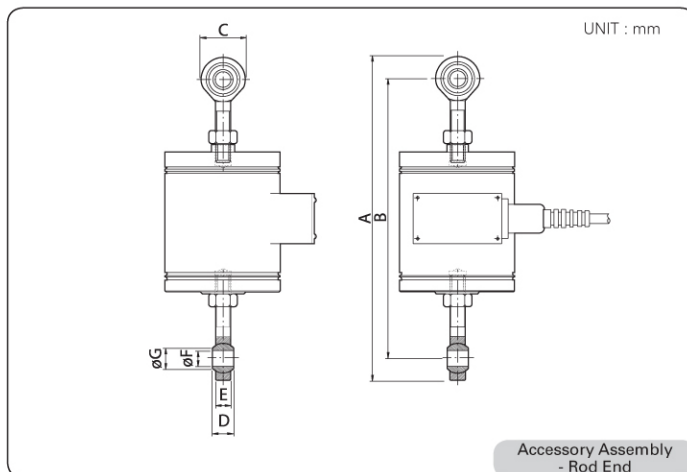
Max. Capacity (Rated Load)	kgf	20, 50, 100, 200, 300, 500, 1K, 2K, 3K, 5K, 10K, 20K	
Rated Output	mV / V	3.0 ± 0.003	
Zero Balance	mV / V	0.0 ± 0.03	
Accuracy Class	-	A	B
Non-Linearity	% R.O.	0.02	0.05
Hysteresis	% R.O.	0.02	0.05
Combined Error	% R.O.	0.02	0.05
Repeatability	% R.O.	0.01	0.02
Creep for 30min.	% R.O.	0.03	0.03
Return for 30min.	% R.O.	0.03	0.03
Resolution	-	≤1/5000	≤1/2000
Division	mV / V	0.0006	0.0015
Temperature Effect on	-	-	-
_Zero Value	% / 10°C	0.03	0.03
_Output Value	% / 10°C	0.03	0.03
Excitation	-	-	
_Recommended	V	10	
_Maximum	V	15	
Resistance	-	-	
_Input	Ω	350 ± 3.5	
_Output	Ω	350 ± 3.5	
_Insulation	MΩ	>2000	
Compensated Temperature Range	°C	-10 to +40	
Operating Temperature Range	°C	-20 to +80	
Material & Plate	-	Paint Finished steel	
Cable Specification	-	ø8 x 4p x 5M & ø8 x 4p x 10M (P.V.C - Jacket)	
Safety Overload	% R.L.	150%R.L.	
Platform Size	mm	No Platform Type	



● DIMENSION



Capa.	A	B	C	D	E	F	G	H	Cable(m)
20	115	89	6	115	1.5	M12 X 1.25	38.5	38	5
50									
100									
200	115	89	5	115	1.5	M12 X 1.25	35	38	5
300									
500									
1K	148	89	9	115	1	M24 X 2.0	55	38	5
2K									
3K									
5K	215	127	12	152	1.6	M39 X 2.0	75.6	38	10
10K									
20K									
	290	165	15	193	1.6	M50 X 2.0	107.6	38	



● ACCESSORY FEATURES

- Bearing included structure
- CAS specification
- Order Made accessories for 20K

● 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
- CAS original Rod End is recommended for the application

Capa.	A	B	C	D	E	øF	øG
20	249.0 ~ 254.0	215.0 ~ 220.0	34.0	16.0	12.0	12.0	15.4
50							
100							
200	255.0 ~ 260.0	221.0 ~ 226.0	102.0	28.0	27.0	22.0	25.8
300							
500							
1K	525.0 ~ 530.0	423.0 ~ 428.0	135.0	40.0	38.0	39.0	45.0
2K							
3K							
5K	680.0 ~ 685.0	545.0 ~ 550.0	Demand Accessory				
10K							
20K							