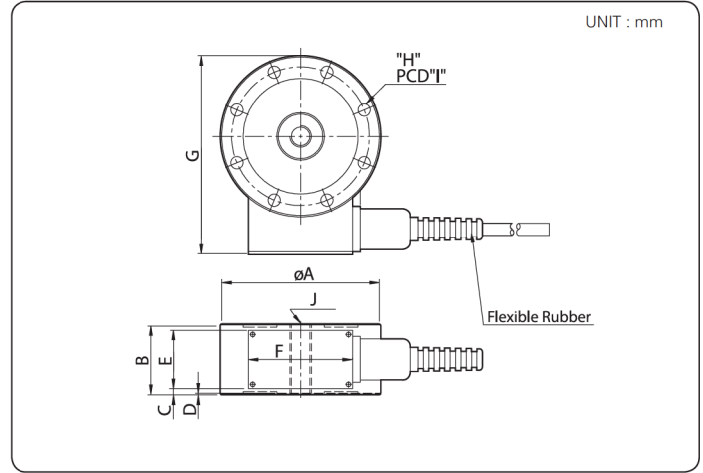




LOAD CELL



DIMENSION



FEATURES

- Paint finished steel construction
- Tension and compression Load Cell
- Hermetically sealed
- High reliability against fatigue and side force
- Ex ia IIC T4 Approved



ACCESSORY OPTION

- Accessory for compression
- Accessory for tension
- Ball type accessory

OPTION

- Ex ia IIC T4 Approved

Capa.	A	B	C	D	E	F	G	H	I	J
1tf										
2tf	112.0	46.0	4.0				141.5	8-Ø7.1	97.2	M16 x 2.0
3tf										
5tf	120.0	46.0	4.0				149.9	8-Ø9.0	103.2	M18 x 1.5
10tf	138.0	60.0	11.0				169.5	8-Ø11	117.6	M24 x 2.0
20tf				1.0	38.0	68.0				
30tf	184.0	80.0	21.0				218	8 Ø14	157.6	M39 x 2.0
50tf	200.0	60.0	11.0				234.5	12-Ø14.5	170.0	M45 x 3.0
100tf	278.0	90.0	2.0				314.3	16-Ø16.3	229.0	M70 x 3.0
200tf	355.0	108.0	35.0				392.2	12-Ø26	298.0	M90 x 3.0
300tf	355.0	108.0	35.0				392.2	12-Ø28	298.0	M100 x 3.0

SPECIFICATION

Capacity		tf	1, 2, 3, 5, 10, 20, 30, 50, 100, 200, 300	
Rated Output		mV / V	2.0 ± 0.005 / 3.0 ± 0.0075 (for 100, 200tf)	
Zero Balance		mV / V	0.0 ± 0.020	
Accuracy Class		-	D3	C3
Non-Linearity		% R.O.	≤ 0.05	≤ 0.02
Hysteresis		% R.O.	≤ 0.05	≤ 0.02
Combined Error		% R.O.	≤ 0.05	≤ 0.02
Repeatability		% R.O.	≤ 0.02	≤ 0.01
Creep for 30min.		% R.O.	≤ 0.03	≤ 0.03
Return for 30min.		% R.O.	≤ 0.03	≤ 0.03
Resolution		-	≤ 1/2000	≤ 1/5000
Division		mV/V	0.001	0.0004
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	- 30 to +80	
Material & Plate		-	Paint finished steel	
Cable Specification		-	Ø8 x 4P x 5M (10M)	
Safety Overload		% R.L.	150% R.L.	
Platform Size		mm	No Platform Type	



P/F



Hopper

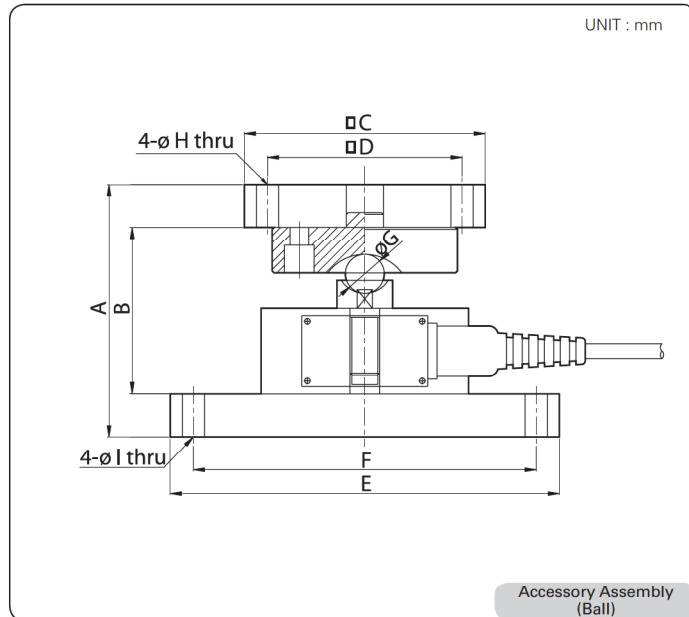


Tank

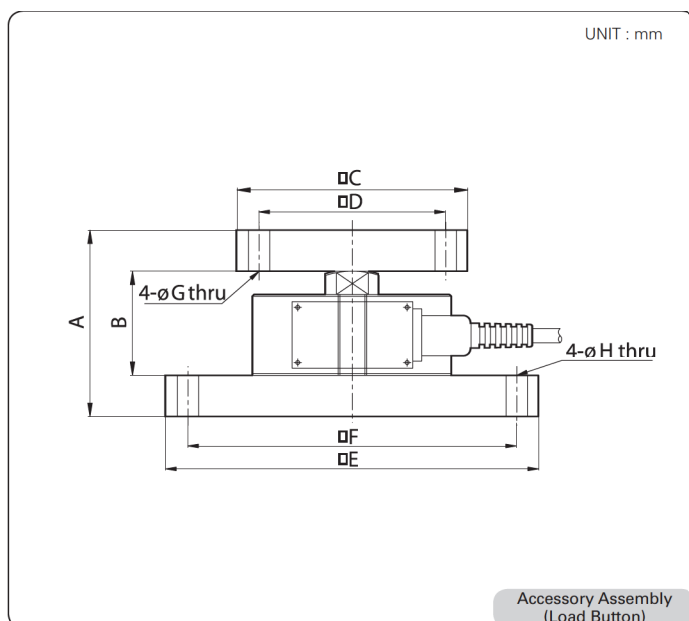


Truck

● DIMENSION



Capa.	A	B	C	D	E	F	ØG	H	I
1tf	136.0	90.0	130 x 130	105 x 105	210 x 130	185 x 105	21.0	12	12
2tf									
3tf									
5tf	145.0	99.0				30.0			
10tf	166.0	113.0				30.0			
20tf	196.0	143.0							
30tf									



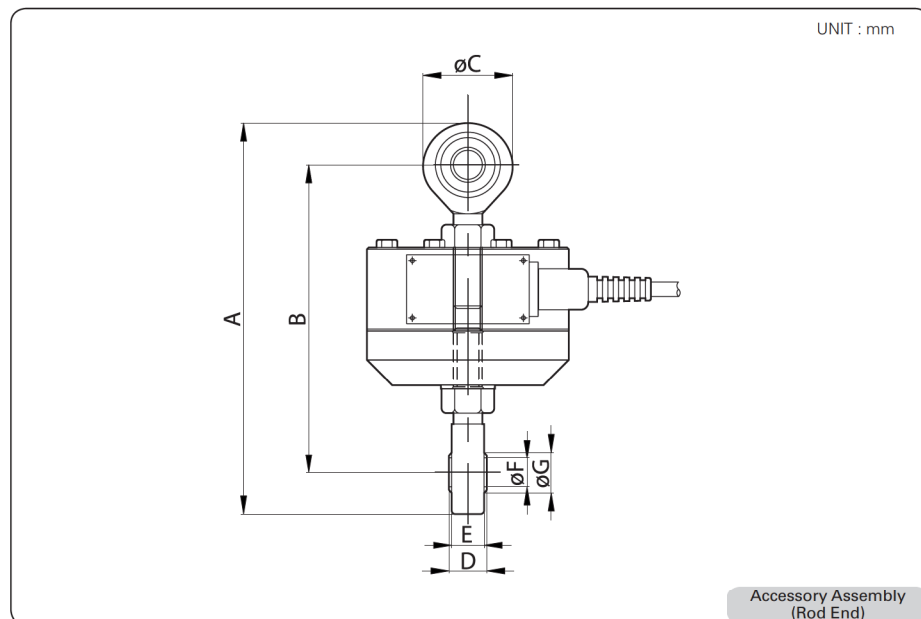
Capa.	A	B	C	D	E	F	G	H		
1tf	105	59	130 x 130	105 x 105	210 x 130	185 x 105	12	12		
2tf										
3tf										
5tf	107	61	160 x 160	125 x 125	160 x 160	125 x 125	14	14		
10tf	140	80								
20tf	175	115			200 x 200	160 x 160				
30tf		200 x 200	150 x 150							

LS

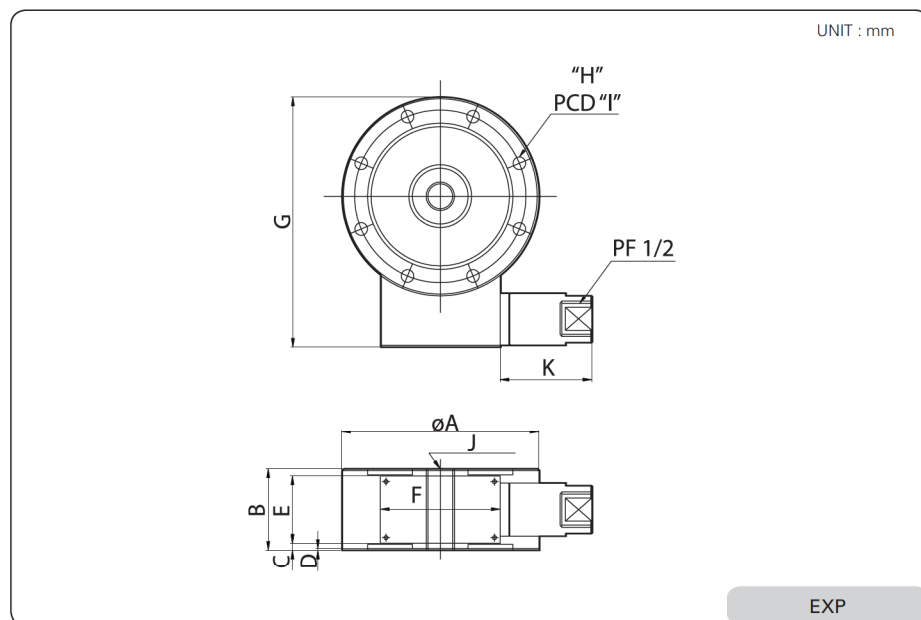
Pan Cake Load Cell



● DIMENSION



Capa.	A	B	C	D	E	F	G
1tf	216.7(Max)	170.7(Max)	50.0	21.0	18.0	16.0	19.3
2tf							
3tf							
5tf	257.0(Max)	197.0(Max)	60.0	23.0	22.0	18.0	21.9
10tf	430.0(Max)	328.0(Max)	102.0	28.0	27.0	22.0	25.8
20tf	558.0(Max)	423.0(Max)	135.0	40.0	38.0	39.0	45.0
30tf							



Capa.	A	B	C	D	E	F	G	H	I	J	K			
1tf	112.0	46.0	4.0	1.0	38.0	68.0	141.5	8-Ø7.1	97.2	M16 x 2.0	52			
2tf							149.9	8-Ø9.0	103.2	M18 x 1.5				
3tf								8-Ø11.0	117.6	M24 x 2.0				
5tf	120.0	46.0	4.0				218.0	8-Ø14.0	157.6	M39 x 2.0				
10tf	138.0	60.0	11.0					12-Ø14.5	170.0	M45 x 3.0				
20tf	184.0	80.0	21.0				314.3	16-Ø16.3	229.0	M70 x 3.0				
30tf								12-Ø26	298.0	M90 x 3.0				
50tf	200.0	60.0	11.0				392.2	12-Ø26	298.0	M90 x 3.0				
100tf	278.0	90.0	2.0					12-Ø26	298.0	M90 x 3.0				
200tf	355.0	108.0	35.0					12-Ø26	298.0	M90 x 3.0				