

HBS Bending beam load cell



Load Cell



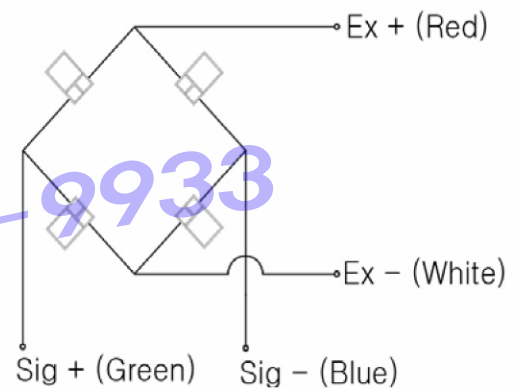
FEATURES

- ◆ All stainless steel construction
- ◆ OIML C3 approved
- ◆ Option : Ex ia IIC T5 approved (10~500kgf)
- ◆ Protection class IP67

ACCESSORY OPTION

- ◆ Ball Type Accessory

CABLE COLOR CODE



050-2222-9933

SPECIFICATION

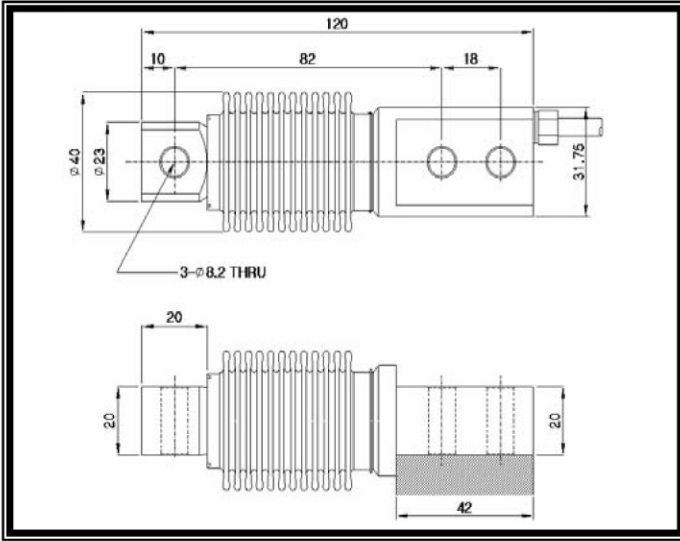
Max. Capacity (Rated Load)	kgf	10, 20, 50, 100, 200, 500, 1K, 2K	
Rated Output	mV/V	2.0 ± 0.005	
Zero Balance	mV/V	0.0 ± 0.02	
Accuracy Class		D3	C3
Non-Linearity	% R.O.	0.03	0.02
Hysteresis	% R.O.	0.03	0.02
Combined Error	% R.O.	0.03	0.02
Repeatability	% R.O.	0.01	0.01
Creep for 30min.	% R.O.	0.03	0.017
Return for 30min.	% R.O.	0.03	0.017
Resolution		<1/3000	<1/5000
Division	mV/V	0.00067	0.0002
Temperature Effect on			
Zero Value	%/10°C	0.028	0.014
Output Value	%/10°C	0.015	0.011
Excitation			
Recommended	V	10	
Maximum	V	15	
Resistance			
Input	Ω	400 ± 20	
Output	Ω	350 ± 3.5	
Insulation	Ω	> 2000	
Compensated Temperature Range	°C	-10 to +40	
Operating Temperature Range	°C	-30 to +80	
Material & Plate		Stainless Steel, Buffing	
Cable Specification		φ5.4 × 4P × 3m (Urethane)	
Safety Overload	% R.L.	150% R.L.	
Platform Size		Without Limit	

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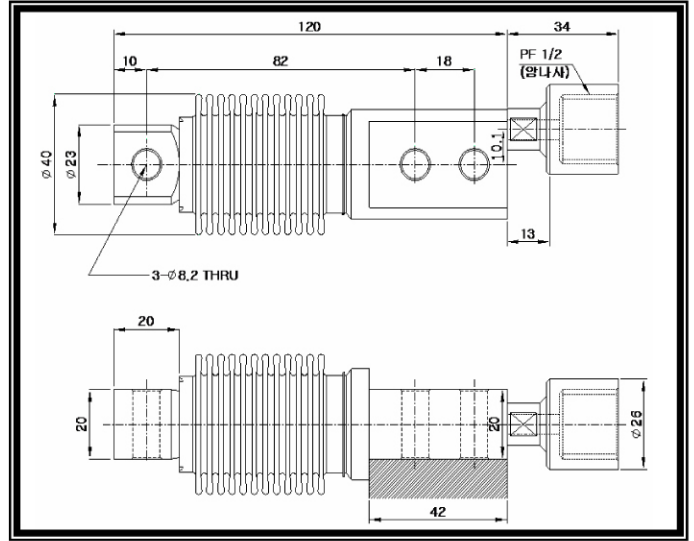


DIMENSION

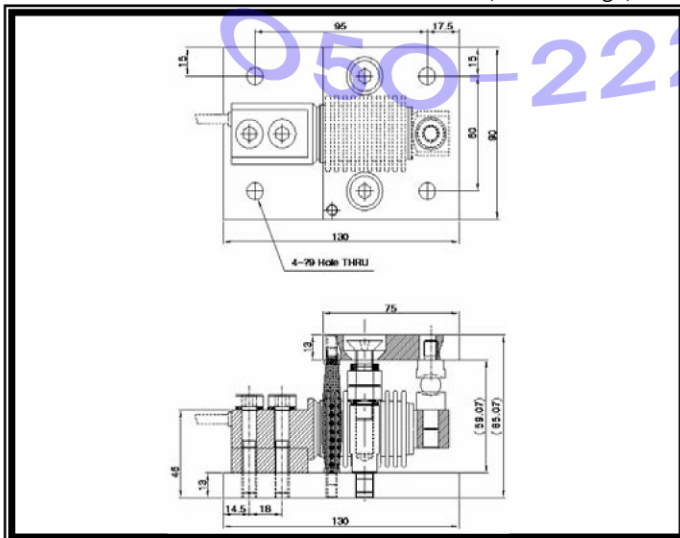
Load Cell (20~500kgf)



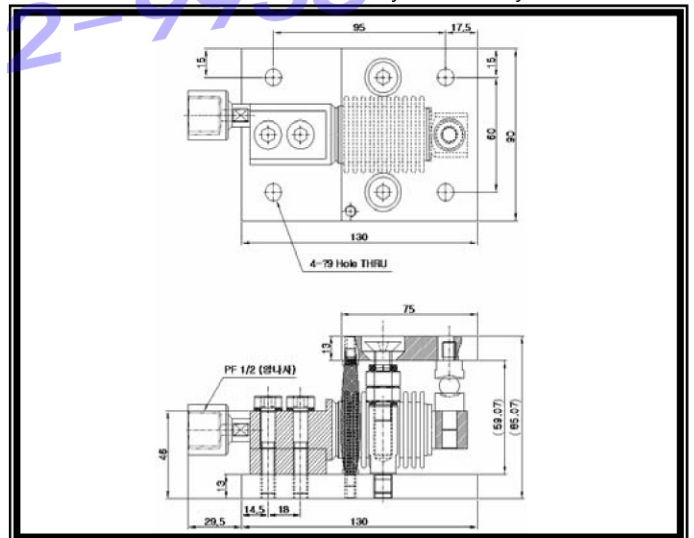
Accessory Assembly (20~500kgf)



Load Cell - EXP (20~500kgf)



Accessory Assembly - EXP



Load Cell (1~2tf)

