

TS150

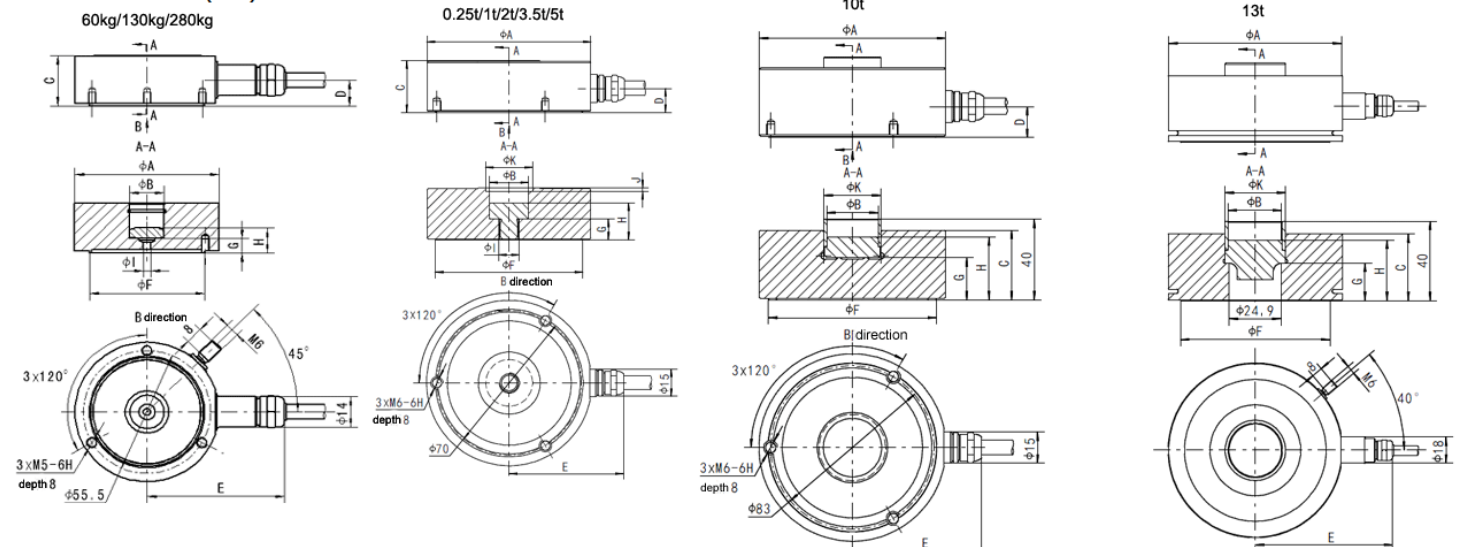
Features & Applications

- Stainless steel.
- Hermetically sealed IP68.
- Low profile load cell.

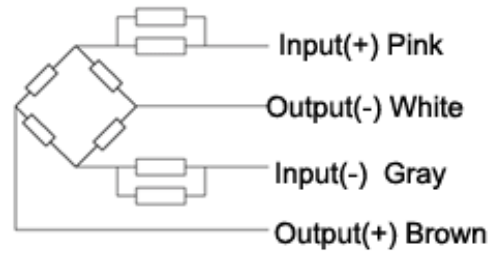
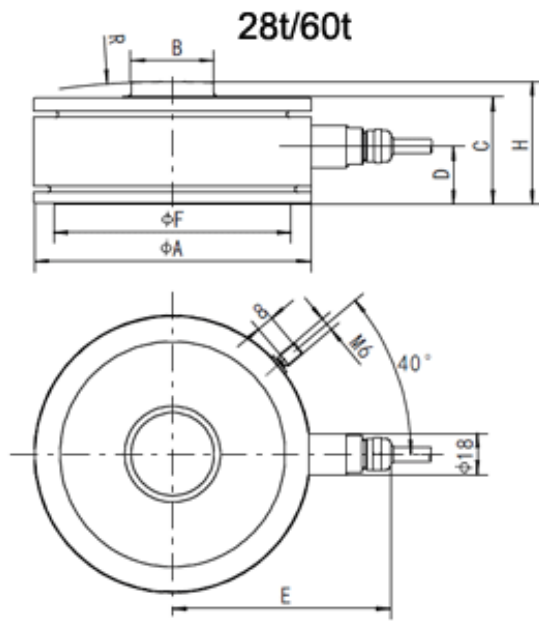


Capacity	60kg 130kg 250kg 280kg 500kg 1t 2t 3.5t 5t 10t 13t 28t 60t					
Output sensitivity	mv/v	60kg/130kg/280kg		250kg		500kg to 60t
		1.0±0.1		1.75±0.1		2.0±0.1
Accuracy		C3		C4		C5
Max. number of load cell intervals	N max	3000		4000		5000
Combined error	(%FS)	≤± 0.0230		≤± 0.0173		≤± 0.0140
Creep	%F.S/5min	≤± 0.0245		≤± 0.0184		≤± 0.0147
Temperature effect on Sensitivity	(%FS/10℃)	≤± 0.0117		≤± 0.0088		≤± 0.0070
Temperature effect on Zero	(%FS/10℃)	≤± 0.0140		≤± 0.0100		≤± 0.0088
Input resistance	(Ω)	60kg/130kg/280kg	250kg/500kg-10t	13t	28t	60t
		1260±100	1100±100	1200±100	1075±100	1350±100
Output resistance	(Ω)	60kg/130kg/280kg	250kg/500kg-10t	13t	28t	60t
		1020±0.5	1025±25	1000±0.5	930±0.5	1175±0.5
Zero balance	(%FS)	≤± 1.0				
Insulation resistance	(MΩ)	≥5000(50VDC)				
Excitation, recommended	(V)	10 to 15				
Temperature, operating	℃	-35 to 70				
Temperature, Compensated	℃	-10 to 40				
Safe overload	(%FS)	150				
Ultimate overload	(%FS)	300				
IP		68				

Outline Dimension mm(inch)



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Wiring:
Adopt shielded,
4 conductor cable: $\Phi 6.2 \pm 0.1 \text{ mm}$

Capacity (0.06, 0.13, 0.25, 0.28, 0.5, 1t),
Standard cable length: 3m
Capacity (2, 3.5, 5t), Standard cable length: 6m
Capacity (10, 13, 28, 60t), Standard cable length: 15m

Capacity	ØA	ØB	C	D	E	ØF	G	H	I	J	R
60kg/130kg/280kg	63	15.1	22	11	60	54	6	10	Ø3.2	-	-
250kg/500kg/1t	80	19	25	12.5	65	71	10	18	M10	1	-
2t/3.5t/5t	80	19	30	12.5	65	71	10	18	Ø15	6	-
10t	95	26	35	12.5	72	75	20.7	31.2	-	-	-
13t	95	26	35	20	85	79.5	20	31	-	-	-
28t	120	35.9	46	25	94	102	-	53	-	-	400
60t	140	47.9	62	34	104	124	-	69	-	-	600