

LOAD CELL TS9X1

Features

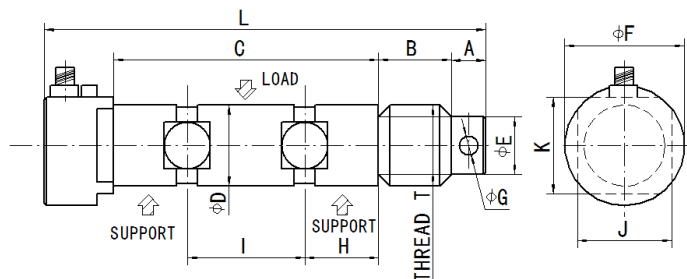
- ◆ Capacities: 3t~55t.
- ◆ 20Cr13 Stainless steel materials.
- ◆ Easy installation and reliable performance

Specification:

Capacity	T	3t,6.5t,12t,25t,55t
Accuracy class		0.01
Output sensitivity	(mV/V)	1.5 ± 1%(1.485 to 1.515)
Linearity Error	(%FS)	0.5
Non-Repeatability	(%FS)	0.05
Combined error	(%FS)	1
Hysteresis	(%FS)	≤±0.1
Creep	(%FS/30min)	≤±0.1
Zero balance	(%FS)	1
Temperature effect on sensitivity	%FS/10 °C	≤±0.03
Temperature effect on zero	%FS/10 °C	≤±0.07
Temperature compensated	(°C)	-10~+40
Temperature allowed	(°C)	-35~+70
Input resistance	(Ω)	800±50
Output resistance	(Ω)	705±5
Insulation resistance	(MΩ)	≥5000(50VDC)
Excitation, Recommended	(V)	5~12(DC)
Excitation, Max	(V)	18(DC)
Safe overload	(%FS)	150
Ultimate overload	(%FS)	300

Note: The 5t's size same as 6.5t, 10t's size same as 12t.

Outline Dimensions mm:



Capacity	A	B	C	D	E	F	G	H	I	J	K	L	T
3t	10	16	59	19	13	32	5	16	27	25	26	115	3/4" tpi UNC
6.5t	10.0	22.5	80	25.0	19.0	42.0	5.0	22.0	36.0	33	34	142.5	1" x 8 tpi UNC
12t	15.0	31.5	115	35.0	25.0	52.0	8.5	32.0	51.0	41	42	191.5	1-3/8" x 6 tpi UNC
25t	20.0	46.0	165	50.8	42.0	63.0	11.0	46.0	73.0	54	55	266.0	2" x 4.5 tpi UNC
55t	25.0	63.0	235	70.0	62.0	88.0	15.0	65.0	105.0	74	75	358.0	2-3/4" x 4 tpi UNC

Cable:

Adopt a shielded 4 conductor cable (screw connector) and cable jacket is PU.

Cable length: 10±0.1m

Cable diameter: 5.0±0.2mm

