MT702 Compression Load Cell



Features

- Capacities 23t, 45t.
- Stainless steel construction
- 17-4 PH St Steel Column
- · Hermetically sealed
- · Laser welded
- · Oil-proof, waterproof
- · Ideal for weighbridges, tanks &hoppers
- High accuracy.
- Column construction.
- Easy installation
- Reliable performance.
- IP68 Sealing
- Lightning protection
- · Built- in anti-rotation feature

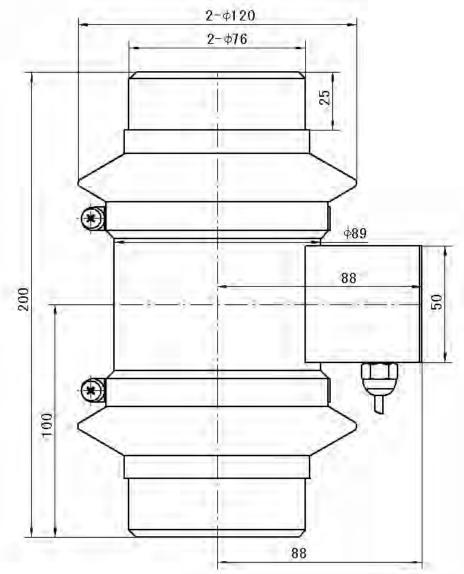
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Capacity	tonne	23, 45t
	(klb)	(50, 100 klb)
Combined error	(%FS)	≤± 0.020
Creep	(%FS/30min)	≤± 0.016
Temperature effect on sensitivity	(%FS/10°C)	≤± 0.010
Temperature effect on zero	(%FS/10°C)	≤± 0.015
Output sensitivity	(mV/V)	1.75+/-0.1%
Input resistance	(Ω)	590 ± 30
Output resistance	(Ω)	480 ± 4.8
Insulation resistance	(MΩ)	≥ 5000 (50VDC)
Zero balance	(%FS)	1.0
Temperature, Compensated	(°C)	-10~ +40
Temperature, Operating	(°C)	-40~ +65
Excitation, Recommended	(V)	5~ 12(DC)
Excitation, Max	(V)	20(DC)
Safe overload	(%FS)	150
Ultimate overload	(%FS)	300

Note1- *Output sensitivity is 1.75mV/V at capacity in klbs



Specifications

MT702 Compression Load Cell Dimensions



Dimensions in mm

Supplied as a fully assembled unit with gaiters and load button

Cable specifications:

20metre long, 4 core, Diameter 5.5mm (Cable length can be customized to customer requirement)

Color Code: Exc+ Green, Exc- Black , Sig+ White, Sig- Red Specifications are subject to change without notice for improvement



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