

9500 Compression Load Cell



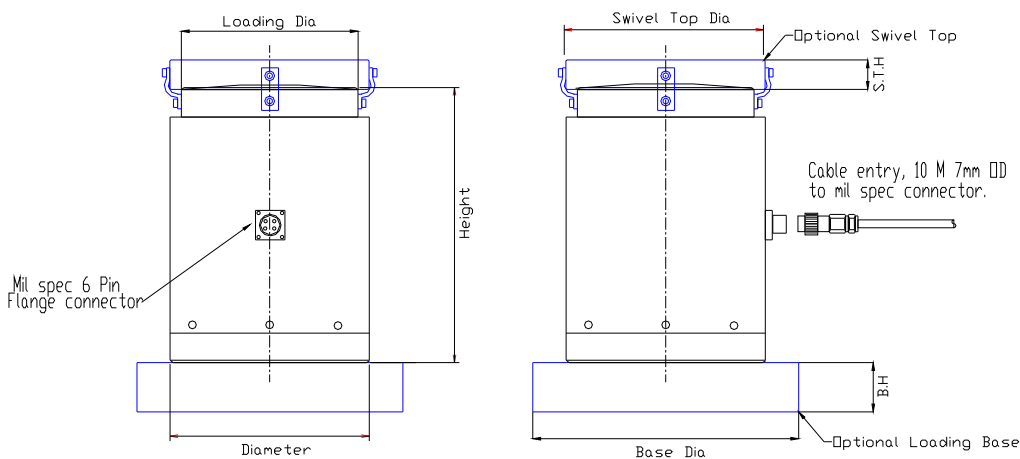
The 9500 load cell is ideal for applications where high accuracy is important or where height is limited. Being of low profile, this sensor has a high resistance to offset loads. Capacities available start from 100 te to 1000te.

- **Stainless steel load cell**
- **Optional swivel top**
- **Optional loading base**
- **Sealed to IP68**
- **Two year warranty**

Cell Type	Nominal Rated Load	Height	Diameter	Loading Dia	Base Diameter	B.H	Swivel Top Dia	S.T.H
Comp 50	50	110	76	60	130 Dia	40	65	10
Comp 100	100	150	100	80	150 Dia	50	100	20
Comp 200	200	180	127	110	150 Dia	50	127	30
Comp 300	300	180	150	130	200 Dia	50	150	30
Comp 500	500	300	203	170.5	265 Dia	50	203	50
Comp 1000	1000	425	290	250	400 Dia	75	290	50

Typical Specification

Rated Load	100, 200, 300, 500, 1000 tonne
Proof Load	150% of rated load
Ultimate Load	500% of rated load
Rated Output	1.5mV/V +/- 0.5%
Recommended Excitation Voltage	10V
Maximum Excitation Voltage	20V
Zero Balance	< +/- 1%
Bridge Resistance	700 ohm
Insulation Resistance	>2G Ohm @ 100V
Accuracy	< +/- 1%
Non-Repeatability	< +/- 0.2%
Zero Temperature Co-efficient	< +/- 0.005%
Span Temperature Co-efficient	< +/- 0.003%
Compensated Temperature Range	-10 to +40°C
Electrical Connection	Red +ve Supply. Green +ve Signal. Blue -ve Supply. Yellow -ve Signal.
Environmental Protection	IP67



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Due to continuous development, Scotload reserve the right to change specification without notice.