

WMC ROD END LOAD CELL (U.S. & METRIC)

FEATURES & BENEFITS

- Proprietary Interface temperature compensated strain gages
- Environmentally sealed
- Stainless steel construction
- Low deflection
- Tension & Compression

SPECIFICATIONS

CAPACITY	U.S. (lbf)	15K, 20K, 30K, 50K	100K	200K
	Metric (kN)	65, 90, 130, 220	450	900
ACCURACY – (MAX ERROR)				
Nonlinearity – %FS		±0.10	±0.15	±0.20
Hysteresis – %FS		±0.10	±0.15	±0.20
Nonrepeatability – %RO		±0.05		
Creep, in 20 min – %		±0.05		
TEMPERATURE				
Compensated Range	°F	+15 to +115		
	°C	-10 to +45		
Operating Range	°F	-65 to +250		
	°C	-54 to +121		
Effect on Output – % / deg	°F	±0.004	±0.005	±0.005
	°C	±0.0072	±0.009	±0.009
Effect on Zero – %RO / deg	°F	±0.0025	±0.005	±0.005
	°C	±0.0045	±0.009	±0.009
ELECTRICAL				
Rated Output – mV/V (Nominal)		2.0		
Zero Balance – %RO		±1.0		
Bridge Resistance – Ohm (Nominal)		350 ±3.5		
Excitation Voltage – VDC MAX		15		
Insulation Resistance – Megohm		> 5000		
MECHANICAL				
Calibration		T & C		
Safe Overload – %CAP		150		
Deflection @ RO	in	0.004		
	mm	0.10		
Weight	lbs	4	14	34.4
	kg	1.8	6.4	15.6
Material		Stainless steel		

STANDARD CONFIGURATION



Model WMC Rod End (Shown)

OPTIONS

- Special calibration
- Standardized output
- Special temperature range
- Custom calibration
- Transducer Electronic Data Sheet (TEDS)
- Amplifier

ACCESSORIES

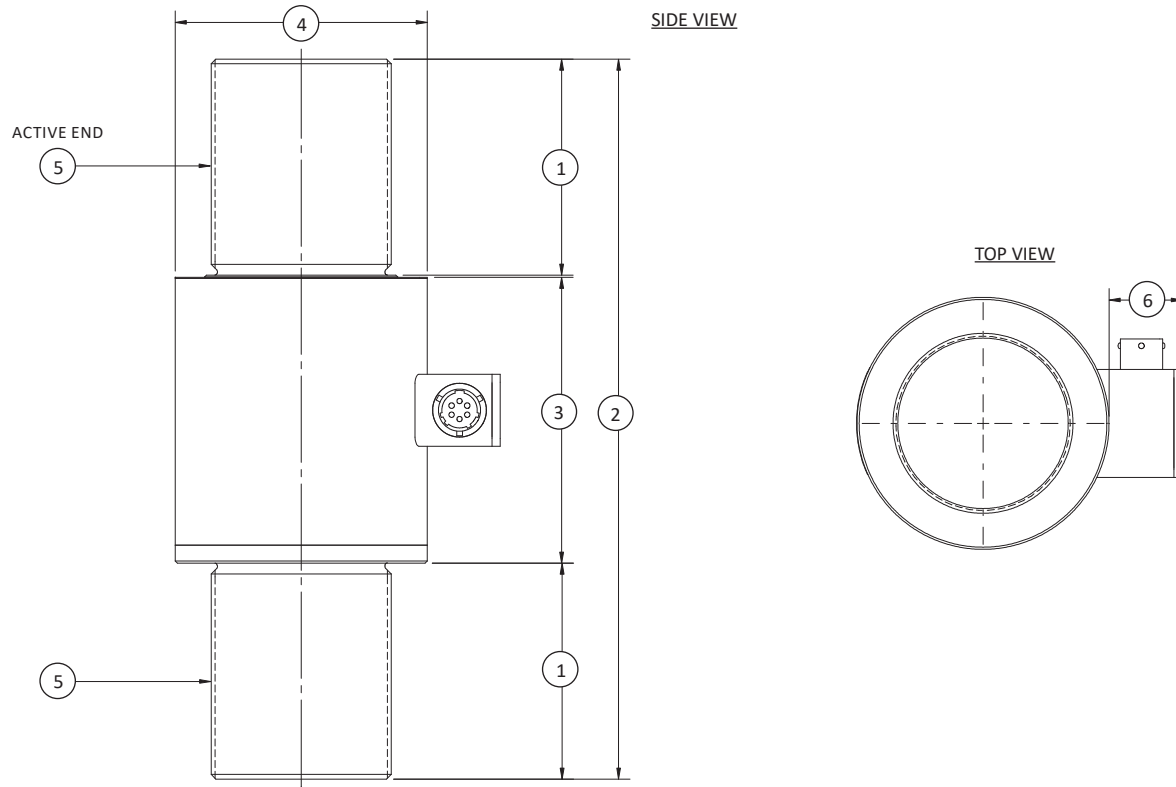
- Instrumentation
- Interconnect cable

CONNECTOR OPTIONS

- Integral cable
- PTW1H-10-6P Connector

International System of Units (SI) dimensions and capacities are provided for conversion only. Standard products have U.S. capacities and dimensions. SI capacities available upon special request and at an additional cost.

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DIMENSIONS

See Drawing	CAPACITY					
	U.S. (lbf)	Metric (kN)	U.S. (lbf)	Metric (kN)	U.S. (lbf)	Metric (kN)
	15K, 20K, 30K, 50K	65, 90, 130, 220	100K	450	200K	900
	in	mm	in	mm	in	mm
(1)	2.00	50.8	3.00	76.20	4.00	101.60
(2)	6.5	165.1	10.00	254.00	13.00	330.20
(3)	2.47	62.7	3.97	100.84	4.97	126.24
(4)	2.5	63.5	3.50	88.90	4.47	113.54
(5)	1.5-12 UNF M36X4		2.50-12 UN M64x4		3.50-8 UN M90x4	
(6)	1.01	25.7	1.28	32.51	1.36	34.54