

Compression Load Cell

CNC Series

75Te – 400Te



FEATURES

- Robust tool steel construction
- Corrosion resistant plating
- Rugged load cell design.
- Sealed to IP65.
- Simple to install.
- Custom build available.

APPLICATIONS

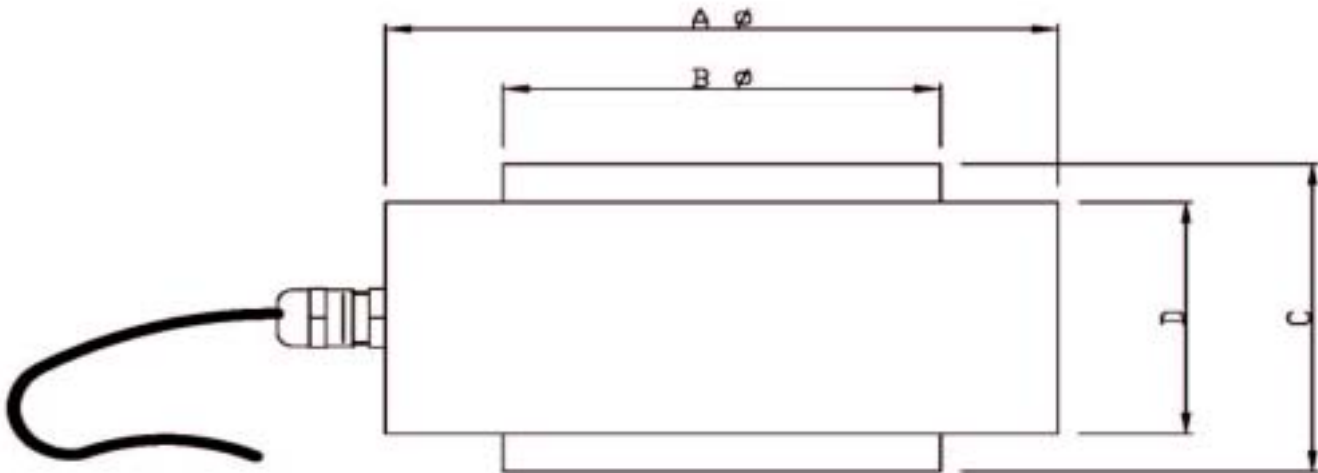
- Heavy duty weighing.
- Rolling Mills.
- Industrial Platforms.
- Test Rigs.





Procter & Chester Measurements

PARAMETER		UNITS
Rated Capacities	75, 100, 200, 300, 400	Te
Rated Output	2 nominal	MV/V
Linearity & repeatability	0.5	±% of Rated Output
Zero Return after 30 minutes	0.15	±% of Applied Load
Zero Balance	1.5	±% of Rated Output
Temperature Range: Operating	-10 to +80	°C
Temperature Range: Compensated	-10 to +60	
Temperature Effect: On Output	0.1	±% of Applied Load/°C
Temperature Effect: On zero	0.02	±% of Rated Load/°C
Safe Overload	150	% of Rated Capacity
Ultimate Overload	300	% of Rated Capacity
Excitation: Recommended	10	Volts AC or DC
Excitation: Maximum	15	
Input Impedance	780 nominal	ohm
Output Impedance	700 nominal	ohm
Insulation Impedance	>2000	Mega ohm
Deflection at Rated Capacity	NA	mm
Weight (approximate) :	NA	kg
Construction	Stainless Steel Billet. Mild Steel cover, ENP	
Environmental Protection	IP65	
Cable	5m 4 core screened	
Connections – Produces a positive signal in compression.	Excitation + Red Excitation – Blue Signal + Green Signal - Yellow	The Screen is not connected to the load cell body.
Revision Document Date	0505	



CAP.	A	B	C	D
0-75Te	153	102	89	67
0-100Te	153	102	89	67
0-200Te	153	102	89	67
0-300Te	153	127	89	67
0-400Te	153	127	89	67

Dimensions in mm

PCM produce custom design load cells, therefore we are able to modify the dimension and materials and build to order. PCM's policy is one of continuous improvement. We therefore reserve the right to incorporate technical modifications without prior notification. PCM are an approved ISO9001 manufacturer, Certificate No: 5527.