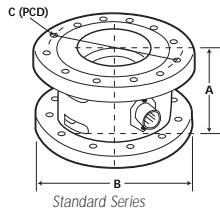


## Annular Torque Transducer 72mm Series, Standard Series and Small Diameter Series

These Annular transducers are designed to fit directly to Norbar gearboxes (Pneutorque and Handtorque) and will accurately measure the torque output via a display instrument.

Up to 6800 N.m (5000 lbf.ft) classified to BS7882:2008, typically Class 1 or better for the primary classification range (+/-0.5% of reading from 20% to 100% of full scale).

From 6800 N.m (5000 lbf.ft) up to 108,500 N.m (80,000 lbf.ft) classified to BS7882:2008, Class 1 to Class 5 for the classification range ( $\pm 0.5\%$  to  $\pm 2.5\%$  of reading) dependant on the type of transducer.



### Transducers for Remote 72mm Series and HT-72 Multipliers

Capacity	Part No.	Dimensions (mm)	
		A	B Ø
1000 N.m	50666.xxx	117	73
1500 N.m	50667.xxx	117	73
2000 N.m	50668.xxx	117	73

### Annular Torque Transducers – S.I. Calibration

Capacity	Part No.	Sq. Drive	To Fit Tool	Dimensions (mm)		
		in	(HT/PT)	A	B Ø	C
1000 N.m	50638.xxx	¾	1, 1A & 2	61	108	99.06
1500 N.m	50639.xxx	1	1,1A & 2 (All HD Type*)	61	108	99.06
2500 N.m	50640.xxx	1	5	79.5	119	99.06
2500 N.m	50642.xxx	1½	6	79.5	119	99.06
3000 N.m	50662.xxx	1	HT30 & PT2700	82	108	-
3500 N.m	50641.xxx	1	5	79.5	119	99.06
3500 N.m	50700.xxx	1½	6	79.5	119	99.06
4500 N.m	50664.xxx	1	HT45 & PT4500	128.5	85	-
5000 N.m	50643.xxx	1½	7	83	144	125.00
6000 N.m	50663.xxx	1½	HT60 & PT5500	88	120	-
10000 N.m	50644.xxx	1½	9	90	184	152.40
20000 N.m	50645.xxx	2½	11	97	212	195.00
50000 N.m	50646.xxx	2½	13	126	315	290.00
100000 N.m	50647.xxx	3½	14	126	315	290.00

\*Gearbox must be fitted with Heavy Duty (HD) final carrier.  
Imperial Calibration models also available, contact Norbar for details.

### Annular Torque Transducers for PTM-92 and PTM-119

Capacity	Part No.	Sq. Drive	To Fit Tool	Dimensions (mm)	
		in	(HT/PT)	A	B Ø
2700 N.m	50753.xxx	1	PTM-92	120.5	73
3500 N.m	50754.xxx	1	PTM-92	120.5	73
4500 N.m	50755.xxx	1½	PTM-119	199	86
6000 N.m	50756.xxx	1½	PTM-119	199	86

Select part no. suffix .LOG if the transducer is to be connected to TST or TTT (example: 50638.LOG). For connection to a non Norbar instrument or when a mV/V certificate is required, select .IND.  
Imperial Calibration models also available, contact Norbar for details.

