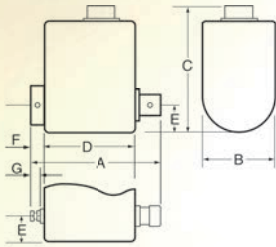


## Rotary Torque Transducer

These transducers are designed to measure the torque output from rotating shafts, particularly torque controlled power tools including impulse wrenches.

- Classified to BS7882:2008, typically better than Class 1 for the primary classification range ( $\pm 0.5\%$  of reading from 20% to 100% of full scale).
- "SMART" – TST and TTT instruments will automatically recognise calibration details.
- Supplied with a UKAS accredited calibration certificate.
- Designed to give excellent performance with impulse tools.
- Optional angle measurement – contact Norbar for details.



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

Capacity	Part No.	Sq. Drive	Maximum RPM*		Dimensions (mm)						
		in	Continuous	Intermittent	A	B	C	D	E	F	G
5 N.m	50708.xxx	1/4" m/f Hex	5000	11000	116	30	68	56	13	39	25.5
20 N.m	50709.xxx	1/2" m/f Hex	5000	11000	116	30	68	56	13	39	25.5
20 N.m	50710.xxx	1/4" m/f	5000	11000	71.5	30	71.5	56	13	6	-
75 N.m	50711.xxx	3/8" m/f	5000	11000	77	30	74	56	15	8	-
200 N.m	50712.xxx	1/2" m/f	2500	7600	87	42	82.5	58	21	12	-
250 N.m	50713.xxx	3/4" m/f	2000	5000	106	52	93.5	60	26	21	-
500 N.m	50714.xxx	3/4" m/f	2000	5000	106	52	93.5	60	26	21	-
1500 N.m	50715.xxx	1" m/f	1000	4400	125	63	104	64.5	31.5	29	-

### Rotary Torque Transducers – Imperial Calibration

Capacity	Part No.	Sq. Drive	Maximum RPM*		Dimensions (mm)						
		in	Continuous	Intermittent	A	B	C	D	E	F	G
50 lbf.in	50717.xxx	1/4" m/f Hex	5000	11000	116	30	68	56	13	39	25.5
15 lbf.ft	50718.xxx	1/2" m/f Hex	5000	11000	116	30	68	56	13	39	25.5
15 lbf.ft	50719.xxx	1/4" m/f	5000	11000	71.5	30	71.5	56	13	6	-
50 lbf.ft	50720.xxx	3/8" m/f	5000	11000	77	30	74	56	15	8	-
150 lbf.ft	50721.xxx	1/2" m/f	2500	7600	87	42	82.5	58	21	12	-
200 lbf.ft	50722.xxx	3/4" m/f	2000	5000	106	52	93.5	60	26	21	-
300 lbf.ft	50723.xxx	3/4" m/f	2000	5000	106	52	93.5	60	26	21	-
1000 lbf.ft	50724.xxx	1" m/f	1000	4400	125	63	104	64.5	31.5	29	-

\* Continuous is defined as 100% usage at the given speed in either direction and intermittent as usage 10% of the total time at the given speed.