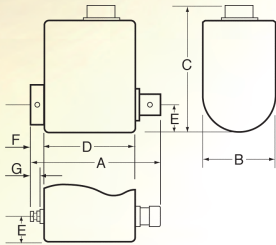


Rotary Torque Transducer

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 | ¼" m/f Hex | 5000 | 11000 | 116 | 30 | 68 | 56 | 13 | 39 | 25.5 |
| 20 N.m | 50709.xxx | ¼" m/f Hex | 5000 | 11000 | 116 | 30 | 68 | 56 | 13 | 39 | 25.5 |
| 20 N.m | 50710.xxx | ¼" m/f | 5000 | 11000 | 71.5 | 30 | 71.5 | 56 | 13 | 6 | - |
| 75 N.m | 50711.xxx | ⅜" m/f | 5000 | 11000 | 77 | 30 | 74 | 56 | 15 | 8 | - |
| 200 N.m | 50712.xxx | ½" m/f | 2500 | 7600 | 87 | 42 | 82.5 | 58 | 21 | 12 | - |
| 250 N.m | 50713.xxx | ¾" m/f | 2000 | 5000 | 106 | 52 | 93.5 | 60 | 26 | 21 | - |
| 500 N.m | 50714.xxx | ¾" 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 | ¼" m/f Hex | 5000 | 11000 | 116 | 30 | 68 | 56 | 13 | 39 | 25.5 |
| 15 lbf.ft | 50718.xxx | ¼" m/f Hex | 5000 | 11000 | 116 | 30 | 68 | 56 | 13 | 39 | 25.5 |
| 15 lbf.ft | 50719.xxx | ¼" m/f | 5000 | 11000 | 71.5 | 30 | 71.5 | 56 | 13 | 6 | - |
| 50 lbf.ft | 50720.xxx | ⅜" m/f | 5000 | 11000 | 77 | 30 | 74 | 56 | 15 | 8 | - |
| 150 lbf.ft | 50721.xxx | ½" m/f | 2500 | 7600 | 87 | 42 | 82.5 | 58 | 21 | 12 | - |
| 200 lbf.ft | 50722.xxx | ¾" m/f | 2000 | 5000 | 106 | 52 | 93.5 | 60 | 26 | 21 | - |
| 300 lbf.ft | 50723.xxx | ¾" 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.