

DTT Torque Transducers

IMES have a long history in the supply of specialist and bespoke measurement sensors such as load, torque, position, angle for a range of industries. These are often non standard design, arduous duty, extreme accuracy or for specialist applications. IMES range of bespoke Torque transducers and systems are no exception.



General Specification Range

- 1 Nm to 150,000Nm
- RPM 0-28000 RPM
- Typical Accuracy better than 0.1%
- Temperature -10°C to +80°C
- Power 12VDC
- Communications RS485, 4-20mA
- Optional Displays
- HMI, Torque Display & logging



Torque Transducer Types

- Static or Rotating
- Flange to Flange drive
- Shaft to shaft drive
- Shaft to socket drive
- Socket to shaft drive
- Existing shaft modification
- Down shaft torque sensors

Typical Applications

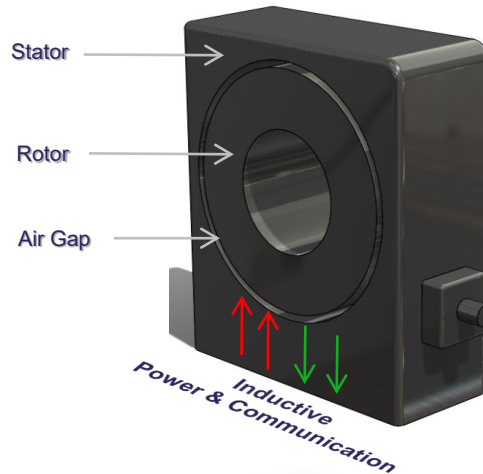
- Input or output shaft drive torque
- Speed and power monitoring
- Torque test machines
- Gearbox torque
- Marine Drive shafts

Industries

- Marine
- Defence
- Offshore
- Renewable
- Power Generation
- Industrial

Benefits

- High Accuracy
- Wireless power & communication
- New and retrofit
- Multiple fixing types
- Bespoke options



Torque View; Data Acquisition, logging and application software