

PRODUCT DATA SHEET

ET1303 Medium Speed Torquemeter

Model Rating

Maximum Continuous Torque: 300Nm

Maximum Continuous Speed: 36000rpm

Shaft Rating Range 32Nm to 300Nm

Accuracy at Full Scale Torque 0.12% Application Dependant

Specification

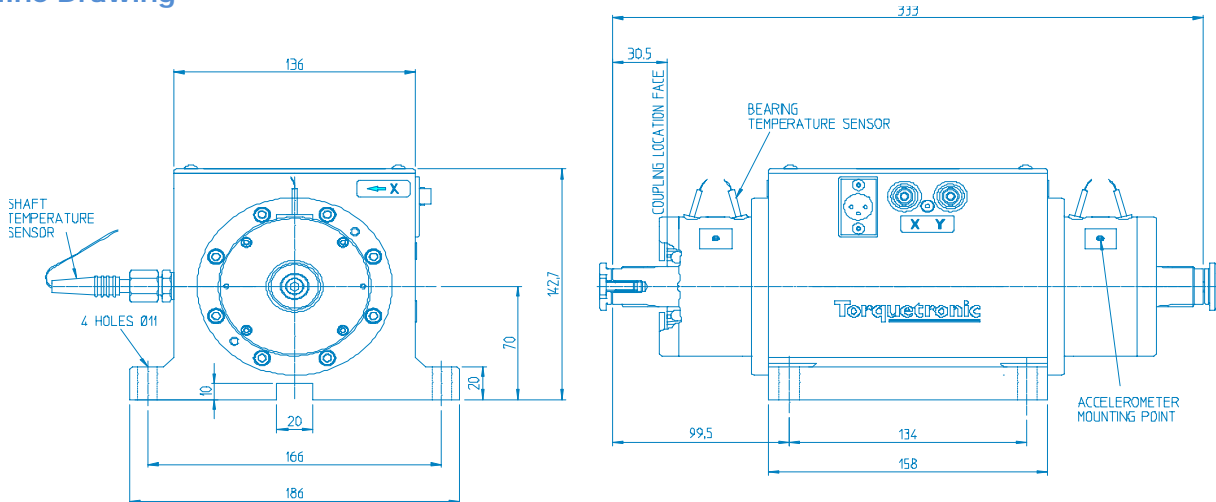
Number of Bearings	4
Bearing Temp. Quantity	1 Per Bearing
Bearing Temp. Monitoring	See GDS01
Bearing Lubrication Type	Grease
Accelerometer Mounting	2-off Each End. See GDS01
Rotastat Voltage	See GDS01

Environment

Storage Temperature	-50 to 85°C
Operating Temperature	-20 to 80°C



Outline Drawing



Overall Weight 13kg

For more detail see drawings

INST02-1303-00	For installation drawing
02-1303-00	For itemized assembly drawing
E850001	For typical electrical connection drawing
03-1303-00	For drawing of optional calibration tooling
06-1304-00 & 06-1304-01	For optional bearing removal and refitting tooling



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high performance test & measurement systems

Coupling Specification

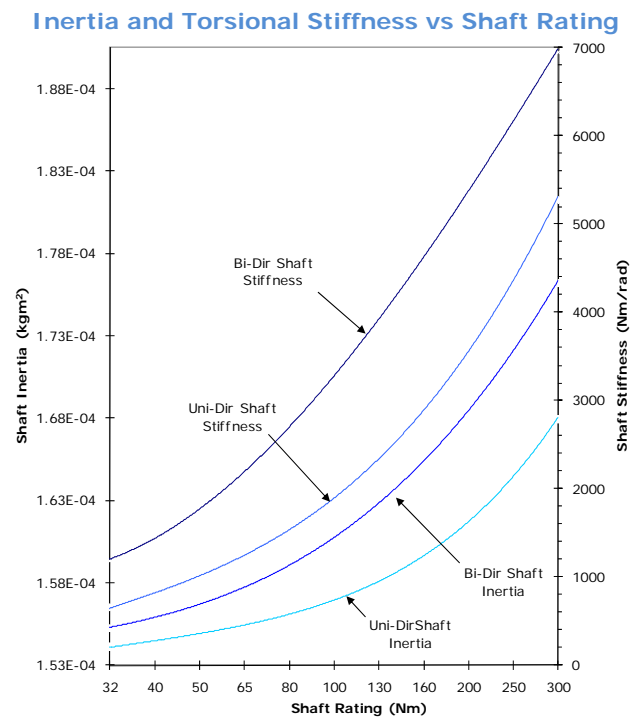
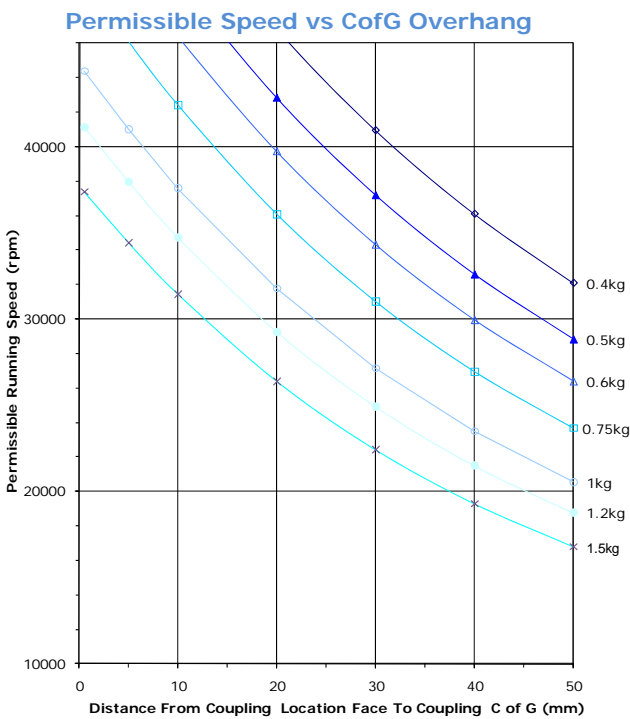
Recommended Coupling	TORDISC LM130
Shaft End Type	Splined DIN 5480 – 25 x 1 x 24 x 7H 8f
Shaft Nominal Diameter	25mm

Bearing Lubrication Requirements

Lubrication type	Synthetic Grease
Grease type	Lubcon L182 Grease
Grease quantity	0.5 ml

Cartridge Style

ET1303 supplied as a non cartridge style torque meter, refer to GDS01 Sheet Section 3



Please refer to Technical Data Sheet (TDS01) for details of Torquetronic Torquemeter phase shift system.
Please refer to Generic Data Sheet (GDS01) for details of Torquemeter options.