

PRODUCT DATA SHEET

ET1057 Suspended Torquemeter

Model Rating

Maximum Continuous Torque: 50Nm

Maximum Continuous Speed: 10000rpm

Shaft Rating Range 5Nm to 50Nm

Accuracy at Full Scale Torque 0.12% Application Dependant

Specification

Number of Bearings	2
Bearing Temp. Monitoring	None
Bearing Lubrication Type	Grease
Accelerometer Mounting	None
Rotastat Voltage	See GDS01

Environment

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



Model view orientation to be updated

Outline Drawing

Drawing to be added when designed

Overall Weight TBAkg

For more detail see drawings

INST02-1057-00	For installation drawing
02-1057-00	For itemized assembly drawing
E850001	For typical electrical connection drawing
03-1057-00	For drawing of optional calibration tooling



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Coupling Specification

Shaft End Type	2off Opposite Shallow Keys
Nominal Size	Ø17mm

Bearing Lubrication Requirements

Lubrication type	Semi Synthetic Grease
Grease type	Shell Nerita HV Grease
Grease quantity	0.3 ml

Cartridge Style

Interchangeable torsion shafts for ET1057 supplied as bearings and shaft only.

Permissible Speed vs CofG Overhang

Dependant on application.
Please contact Torquemeters Ltd

Inertia and Torsional Stiffness vs Shaft Rating

Dependant on application.
Please contact Torquemeters Ltd

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