



## Product description

Rotating torque transducers with integrated non-contact measurement signal acquisition are used for the highly accurate acquisition of torques on a rotating shaft.

## Measurements on

- Test benches
- Engines
- Drives
- Generators
- Valves

## Benefits

- Compact and highly accurate torque transducer for speeds up to 20,000 rpm
- Wide range of torque measurement 2...500Nm

Features

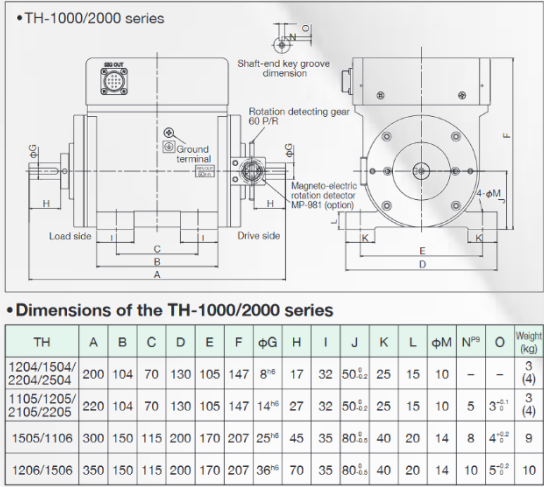
- Compact, highly accurate torque transducer suitable for high speeds up to 20,000 rpm (e.g. TH-2000 series for EV/HEV engines)
  - Long service life due to non-contact phase difference measurement
  - Enhanced EMC immunity
  - Simple measurement, no need to switch the direction of rotation (CW/CCW)
- High-speed analogue output with a 50 ms update rate
  - Easy extension of the connecting cable up to 50 m
  - Matching torque meter: TS-2800

Technical data



Characteristics	Technical values
Measuring range (torque)	Serie 1000 2 ...500 Nm Serie 2000 2 ... 20 Nm
Rotational speed (max)	Serie 1000 6000 ...8000 U/min Serie 2000 20.000
Accuracy	± 0,1% /F.S.
Linearity	± 0,1%
Temperature range (operation)	0°C ...+40°C
Humidity (without condensation)	≤ 95%
Weight	2 Kg

Drawing



Bahrman GmbH

Max-Planck-Str. 34 · 71116 Gärtringen · Germany

Fon +49 7034 270 459-0

info@bahrmanngmbh.de  
www.bahrmanngmbh.de

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