Calibration

of Torque Sensors
and Torque Measurement Chains
according to Calibration Standard
DIN 51309

D-K-17603-01-00

Torque Measuring Range
0.2 N·m - 200 N·m
Uncertainty of Measurement ≥$1 \cdot 10^{-4}$

Proprietary Calibration

of Torque Sensors
Force Sensors
and Measuring Chains

Management System

QM-System

Our Quality Management Systems acc. to
DIN EN ISO 9001 and
DIN EN ISO/IEC 17025 for Laboratories

Accreditation

The Accreditation of our Calibration
Laboratory was conducted by the DAkkS
(Deutsche Akkreditierungsstelle)

Our Customers

- Automotive Industry
- Automation Technology
- Production Technology
- Development and Research Institutes
- Aerospace
- Machine Building
- Chemical Industry
- Food Industry
- Medical Technology
- Universities
- Academies

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Measurement

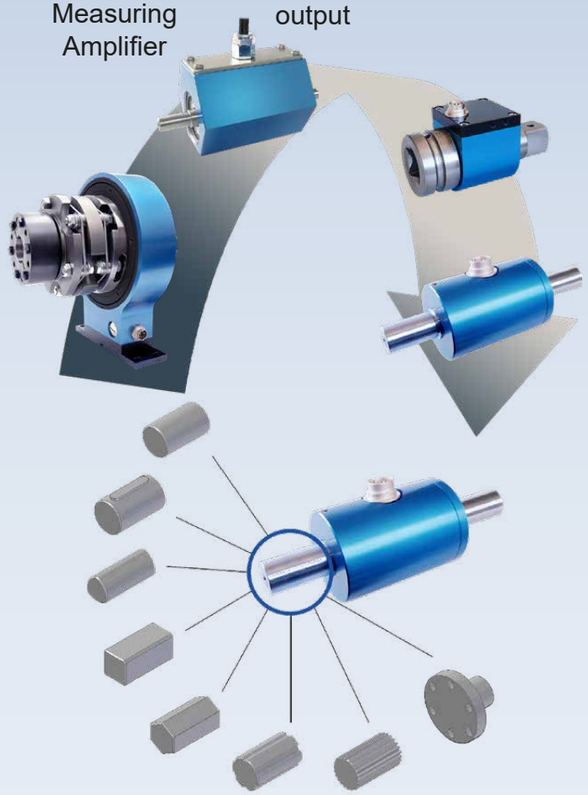
You
have a
Measuring Task

we
have the
Solution

Lorenz® messtechnik gmbh

Torque Sensors

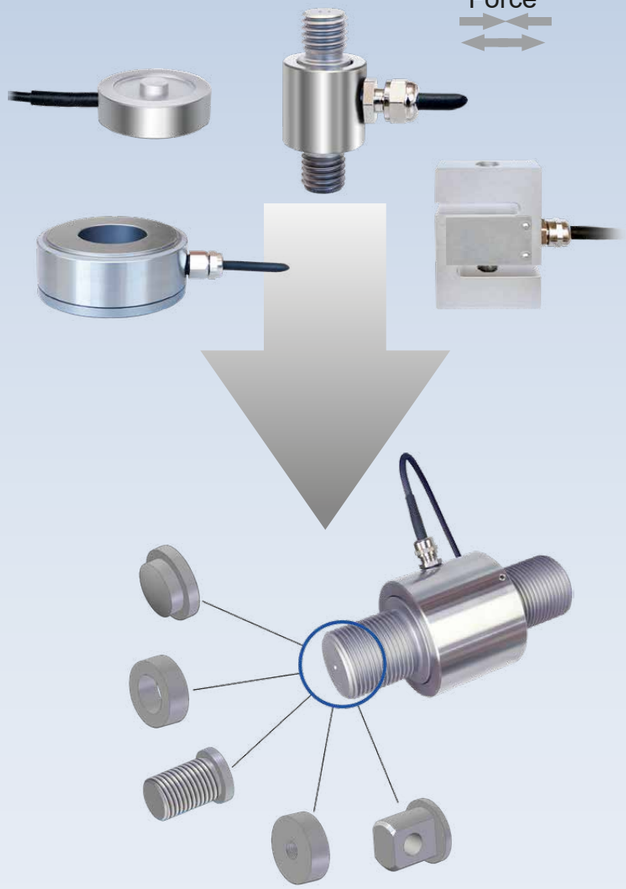
- Rotating
  - Bearing-free
    - Integrated Measuring Amplifier
  - With Bearings
    - SG- direct output
- Static
  - SG- direct output



0.005 N·m ... 20 kN·m
from class 0.05

Force

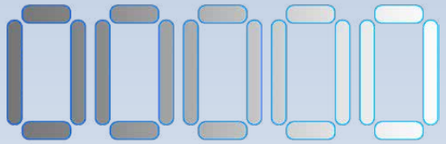
- Compression Force
- Tension Force
- Compression and Tension Force



10 N ... 5 MN
from class 0.05

Measuring Amplifiers

- Sensor-Interfaces
- Portable
- Table and Laboratory
- Assembly

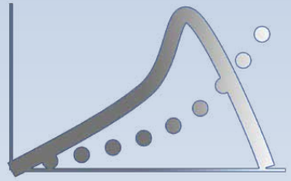


Connection Possibilities

Undefined scale	e.g. mV/V; mA
Defined scale	e.g. N; N·m
PC-connection	e.g. USB; serial

Test Benches

- Torque-Testing Devices
- Motor Test Benches
- Force Test Benches
- Testing Devices for
- Windshield Wiper Rods



Torque Calibration System for Bottom Bracket Bearings

Motor Test Bench