High-Speed Universal Test Bench

IMA-TechSheet #101040 V1



Description:

- Modular design for the examination of sealing rings
- Aerostatic beared test chamber for friction torque measurement on sealing rings
- Directly driven by a high-speed spindle
- HSK-Connection for reproducible and highly accurate mounting of the test shafts
- Adjustable static and dynamic eccentricity at the sealing point
- Active temperature control

Field of Application:

- High-speed tests
- Friction torque measurements
- Hydraulic conveyance measurements
- Leakage testing

Technical Specifications:

Spindle speed: max. 24.000 1/min
Sump temperature: 20 ... 180 °C
Shaft diameter: 20 ... 160 mm
Friction torque: up to 50 Nm
Chamber volume: 1,3 I
(shaft center)



