

Friction torque test bench with two modules

Description:

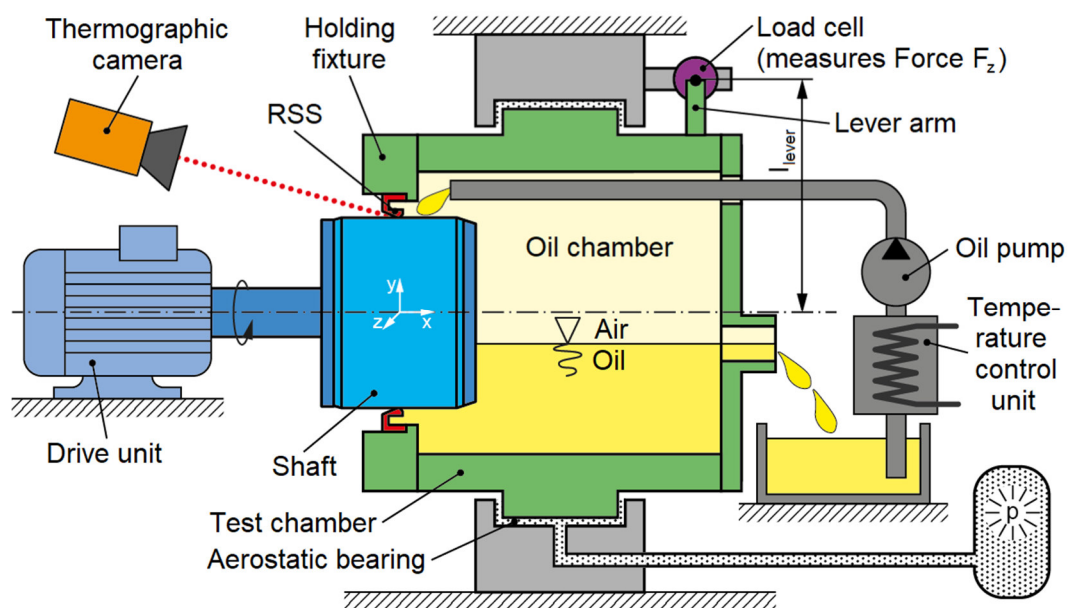
- Aerostatic and thus quasi-frictionless mounted test chamber
- Measurement of the friction torque between the shaft and the RSS using a modular force transducer
- conditioning of the oil by an external tempering unit
- Oil sump with variable oil level or spraying of the sealing point
- Temperature measurement at the sealing gap using a thermographic camera
- Adaptation of the sealing environment to project-specific requirements

Technical Specifications:

Spindle speed:	max. 10.000	1/min
Oil temperature:	20 ... 150	°C
Shaft diameter:	20 ... 160	mm

Field of Application:

- Friction torque measurement
- Leakage measurement



Sectional view of the friction torque test bench (Principle sketch)