Shaft Sealing Systems
24 Chamber Endurance Test Bench

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Details:
- Multi-chamber test rig for the investigation of radial shaft sealing systems
- Modular design with two chambers per module
- Direct view on the sealing contact enables optimal leakage monitoring and temperature measurement by thermography
- Mounting of test shafts via hollow cone collet chuck for highly reproducible running tolerances
- Adjustable static and dynamic eccentricity of shaft and shaft seal housing

Technical Data:
- Spindle speed: max. 10,000 1/min
- Oil sump temperature: 20 … 130 °C
- Shaft diameter: 20 … 160 mm
- Pressure: up to 2 bar

Available Test Methods:
- Endurance tests
- Short time screening tests
- Pumping rate measurements
- Oil-elastomer compatibility according to Flender and SEW specifications