

Single Spring Mechanical Shaft Seal

This mechanical shaft seal utilizes a single spring to maintain consistent sealing force. It is suitable for applications with pressures up to 10 kg/cm², temperatures from -20°C to 200°C, and speeds up to 25m/s, with a diameter range of 10mm to 80mm.



Product Overview

High-Performance Single Spring Seal

This single spring mechanical shaft seal is engineered for durability and reliable performance in rotating equipment such as pumps, mixers, and compressors. It features a robust design capable of handling significant pressure and a broad temperature range, making it suitable for demanding industrial environments. The versatile material options for seal faces and O-rings ensure excellent chemical compatibility and extended service life.

Operational Limits

Operational Performance

10 kg/cm²

Max Pressure

25 m/s

Max Velocity

Temperature Range	-20°C to 200°C
Shaft Diameter Range	10mm - 80mm

Materials

O-Ring Materials

- NBR
- Viton
- EPDM
- FEP
- AFLAS

Seal Face Options	Carbon, Stainless Steel, Silicon Carbide, Tungsten Carbide, Ceramic
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