

Mechanical Seal for Rotating Equipment

This mechanical seal is designed for rotating equipment, such as pumps and compressors. It is suitable for use in the chemical, oil refining, and food processing industries.



Overview

High-Performance Mechanical Seal

This mechanical seal is engineered for demanding rotating equipment, including pumps, mixers, agitators, and compressors. It features a hydraulically balanced multi-spring design that ensures consistent face loading even under high-pressure conditions. With versatile material options like PTFE or flexible graphite, it is an ideal solution for corrosive fluids and high-temperature environments across industries such as petrochemical, pharmaceutical, and water treatment.

Operating Conditions

Operating Limits

250 °C

Max Temperature

6.2 MPa

Max Pressure

25 m/s

Max Speed

Shaft Size Range

14 - 100 mm

Technical Features

Design Features

- Hydraulically balanced multi-spring design
- PTFE or flexible graphite wedge secondary seal
- Even face loading capability

Compliance Standards

GB6556, DIN24960, ISO3069

Applications

Suitable Industries

General Chemical • Oil Refining • Petrochemical • Pharmaceutical • Food Processing • Pulp and Paper • Wastewater Treatment