

Mechanical Seal with Welded Metal Bellows

This mechanical seal features an "S" welded metal bellows elastic component. Its single structure allows for better integration and compact construction, ensuring a reliable seal and long operation cycle.



Overview

High-Performance Welded Metal Bellows Seal

This mechanical seal features an advanced 'S' welded metal bellows elastic component, engineered for superior performance and reliability. Its single-structure design ensures better integration and compact construction, facilitating a long operation cycle even under demanding conditions. Designed for fine compensation, it is an ideal solution for critical sealing applications in the chemical, oil refining, and petrochemical industries.

Operating Conditions

Temperature Range

-40 °C

Min Temperature

220 °C

Max Temperature

Pressure Range

-0.1 MPa

Min Pressure

2 MPa

Max Pressure

Max Speed

25 m/sec

Technical Specifications

Design Features

- S-type welded metal bellows
- Single structure design
- Compact construction
- Fine fluctuation compensation

Shaft Size Range

30 - 100 mm

Applications

Compatible Mediums

Oil • Hot Water • Weak Corrosive Fluids

Suitable Industries

General Chemical, Oil Refining, Petrochemical, Cooling Systems