

# Mechanical Seal with Welded Metal Bellows

Mechanical seal designed with an 'S' welded metal bellows elastic component. It is suitable for use with oil, hot water and other weak corrosive fluids.



## Product Overview

### High-Performance Welded Metal Bellows Seal

This mechanical seal features an 'S' welded metal bellows elastic component, engineered for demanding industrial environments including general chemical processing, oil refining, and petrochemical cooling. Its single-structure design ensures compact construction and superior integration, providing reliable sealing performance and an extended operational life. The seal is specifically designed to handle fine fluctuation compensation, making it a robust choice for critical fluid management.

## Operating Conditions

### Temperature Range

**-40 °C**

Min Temperature

**220 °C**

Max Temperature

### Pressure Range

-0.1 to 2.0 MPa

### Max Operating Speed

25 m/sec

## Technical Specifications

### Design Features

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

### Shaft Size Compatibility

30 - 100 mm

### Suitable Media

Oil, Hot Water, Weak Corrosive Fluids

## Applications

### Target Industries

General Chemical • Oil Refining • Petrochemical • Cooling Systems