

# 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