

# Unbalanced Single Mechanical Seal

This mechanical seal is an unbalanced single seal that is dependent on the direction of rotation. It features a conical spring driven by a side hook and has a separate structure.



## Product Overview

### Unbalanced Single Mechanical Seal

This single, unbalanced mechanical seal is designed for reliable performance in various rotating equipment. It features a conical spring drive that is dependent on the direction of rotation, ensuring consistent contact between sealing faces. Engineered for durability, it is suitable for demanding industrial environments including water, sewage, oil, and chemical processing pumps.

## Operating Limits

### Maximum Pressure

**1 MPa**  
Pressure

### Maximum Speed

**15 m/s**  
Speed

### Temperature Range

-30 to 180 °C

## Technical Details

Seal Type	Single Seal, Unbalanced, Conical Spring
Rotation Dependency	Yes

## Applications

### Suitable Applications

- Water Pumps
- Sewage Pumps
- Oil Circulating Pumps
- Chemical Industry Pumps