

# Mechanical Seal for Pumps and Rotating Equipment

This mechanical seal is designed for pumps and rotating equipment. It features a multi-spring design and is suitable for use in water, sewage, and oil circulating pumps.



## Overview

### High-Performance Mechanical Seal

This mechanical seal is engineered for demanding industrial applications, offering reliable performance and minimal leakage. Featuring a multi-spring, single-seal design that is independent of the direction of rotation, it ensures consistent operation across various rotating equipment. The unit is built to comply with EN12756 (DIN24960) standards, making it a robust choice for water, sewage, and oil circulation pumps.

## Technical Specifications

### Model Variants

Model	Pressure Type
59U	Unbalanced
58U	Unbalanced
59B	Balanced
58B	Balanced

**Design Standards** EN12756, DIN24960, Single Seal, Multi-spring

**Rotation Direction** Independent

## Operating Limits

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<b>1.6 MPa</b> Unbalanced Pressure	<b>3 MPa</b> Balanced Pressure	<b>20 m/s</b> Max Speed
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**Temperature Range** -50 to 220°C

## Applications

### Suitable Applications

- Water Pumps
- Sewage Pumps
- Oil Circulating Pumps