

# Mechanical Seal with Stainless Steel Construction

This mechanical seal has a single end and can rotate in any direction. Compliant with EN12756 (DIN24960) standards, it is suitable for sewage treatment systems and chemical pumps.



## Overview

### High-Performance Mechanical Seal

This mechanical seal is engineered for demanding industrial environments, featuring robust stainless steel construction for superior corrosion resistance and durability. Designed to meet EN12756 (DIN24960) standards, it incorporates advanced structural features like a push ring driving lug and spring travel restrictions to prevent carbon ring wear. It is an ideal solution for reliable sealing in sewage treatment systems and chemical pump applications.

## Technical Specifications

### Operating Parameters

**220 °C**

Max Temperature

**20 m/s**

Max Speed

### Pressure Ratings

Seal Type	Max Pressure
M7N, M74 (Unbalanced)	< 1.6 MPa
H7N, H75, H76 (Balanced)	6 MPa

## Design Features

### Key Structural Features

- Single end design
- Arbitrary rotation direction
- Compliant with EN12756 (DIN24960) standards
- Push ring with driving lug to prevent spring fall/jamming
- Static ring limiting feature
- Spring travel restriction to avoid excessive carbon ring wear

## Applications

Applications	Sewage treatment systems, Chemical pumps
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## Material Composition

### Construction Material

1.4571 Stainless Steel