

Mechanical Seal for Chemical Pumps

This mechanical seal is designed for single direction operation and conforms to EN12756 (DIN24960) standards. It is suitable for chemical pumps and sewage disposal systems.



Product Overview

High-Performance Mechanical Seal

This mechanical seal is engineered for demanding chemical and sewage applications, featuring a robust single-seal design that operates independently of rotation direction. It complies with EN12756 (DIN24960) standards and incorporates advanced features like a fixed stationary ring and a drive-seated push ring to prevent spring displacement and excessive carbon ring abrasion. Designed for longevity and reliability, this component is ideal for use in chemical pumps and sewage disposal systems handling corrosive or abrasive media.

Operating Limits

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|-------------------|------------|
| Maximum Pressure | 2.5 MPa |
| Temperature Range | -40 to 220 |
| Operating Speed | 20 m/s |

Design & Compliance

Key Design Features

- Independent of direction of rotation
- Push ring secured by drive sitting to prevent spring fall-off
- Fixed stationary ring design
- Limited spring movement to reduce carbon ring abrasion

| | |
|----------------------|-------------------|
| Seal Type | Single Seal |
| Standards Compliance | EN12756, DIN24960 |

Applications

Suitable Media

Sewage • Caustic Media • Grain-containing Medium

Primary Equipment

- Chemical Pumps
- Sewage Disposal Systems