

# Cartridge Mechanical Seal

This balanced cartridge seal is independent of rotation. It is designed to accommodate system pressure changes and conforms to API610 and API682.



## Product Overview

### High-Performance Cartridge Mechanical Seal

This balanced cartridge mechanical seal is designed for demanding industrial environments, ensuring reliable performance regardless of the direction of rotation. Engineered to withstand fluctuating system pressures and moments, it complies with rigorous API610 and API682 standards. Its robust design is particularly effective for challenging media such as crystallization, grain, and fiber-heavy fluids, offering a superior alternative to standard packing seals.

## Operating Limits

### Maximum Pressure

**2.5 MPa**

Pressure

### Temperature Range

-40 to 220 °C

### Maximum Speed

25 m/s

## Technical Specifications

### Key Design Features

- Balanced design
- Independent of direction of rotation
- Cartridge seal configuration
- Static spring compensation

### Compliance Standards

API610, API682

## Applications

### Suitable Media

Crystallization • Grain • Fiber medium