

# Automotive Air Conditioning Compressor Mechanical Seal

This mechanical seal is designed for automotive air conditioning compressors and circulating pumps. It is a single, unbalanced seal that operates independently of rotation direction.



## Overview

### High-Performance Mechanical Seal

This mechanical seal is engineered for automotive air conditioning compressors and circulating pump applications. Featuring a robust, single-seal, unbalanced design, it operates independently of the direction of rotation. It is built to provide reliable sealing performance under diverse operational conditions, ensuring longevity and efficiency in rotating equipment.

## Operating Limits

### Maximum Pressure

**0.6 MPa**  
Pressure

### Maximum Speed

**20 m/s**  
Speed

### Temperature Range

-30 to 120 °C

## Design Specifications

### Common Applications

- Automotive air conditioning compressor
- Circulating pump

### Structure Type

Single Seal, Unbalanced, Independent of Rotation, Separate