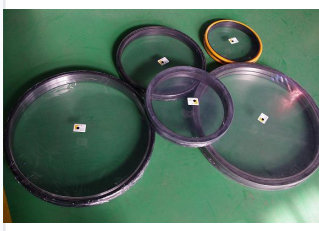


# Mechanical Floating Seal Group

This mechanical floating seal group is designed for heavy-duty applications. Made of high-alloy cast iron with HRC 65-72 hardness, it provides a lifetime of 4000 hours.



## ADDITIONAL IMAGES



## Product Overview

### Heavy-Duty Mechanical Floating Seals

These professional-grade mechanical face seals are engineered for extreme operating conditions, providing a robust barrier against dirt, dust, and moisture. Designed for durability, the high-alloy cast iron construction offers exceptional wear resistance and a service life exceeding 4000 hours. The self-centering design automatically compensates for shaft misalignment, making them an ideal, maintenance-free solution for heavy machinery and industrial equipment.

## Technical Specifications

### Expected Service Life

**4000 hours**  
Lifetime

|                      |   |
|----------------------|---|
| Seal Ring Material   | High-alloy, Corrosion-Resistant Cast Iron |
| Ring Hardness        | 70 HRC                                    |
| Diameter Range       | 35mm - 1425mm                             |
| Max Peripheral Speed | 3 m/s                                     |

## O-Ring Specifications

|                       |                   |
|-----------------------|-------------------|
| O-Ring Material       | NBR               |
| O-Ring Hardness       | 60-65 Shore A     |
| Operating Temperature | -20 °C to +100 °C |

## Design Features

### Key Advantages

- Self-centering design
- Maintenance-free operation
- High corrosion and scoring resistance
- Simple assembly
- Cost-effective protection

## Applications

### Common Industries

Construction Machinery, Mining, Agriculture, Industrial Production, Renewable Energy