

Stainless Steel Mechanical Seal for Water Pumps

This mechanical seal is made from stainless steel for durability and corrosion resistance in water pump applications. It provides a leak-free seal, ensuring efficient pump operation.



ADDITIONAL IMAGES



Product Overview

Product photo

The 7K series mechanical seal features a robust stainless steel design for industrial water pump applications.

High-Performance Mechanical Sealing Solution

This 7K series stainless steel mechanical seal is engineered for demanding industrial water pump applications, offering superior sealing effects and low friction. Its robust construction ensures high wear resistance and corrosion protection, making it ideal for automobile, chemical, and general industrial environments. Designed for easy replacement and long-term reliability, it supports a wide range of operating temperatures and pressures.

Technical Performance

Key Performance Ratings

1.2 Mpa

Max Pressure

3000 rpm

Max Speed

180 °C

Max Temperature

Operating Limits

Parameter	Range
Pressure	0 ~ 1.2 Mpa
Speed Rating	0 ~ 3000 rpm
Temperature Range	-40°C to +180°C

Design & Materials



Internal view showing the spring mechanism and precision-engineered sealing faces.



The assembly includes a rotating element with a spring and a stationary element for a leak-proof fit.

Key Features

- Wear resistant components
- Superior sealing effects
- Low friction design
- Easy replacement
- Customized mold options
- Exquisite protective packaging

Construction Materials

Stainless Steel, Rubber O-Ring, Precision Lapped Faces, Spring Mechanism

Dimensions & Compatibility

HF7K Series Dimensions (mm)

Model	d1 (Shaft)	d3	d7	L1
HF7K-20	20	32	35	19.1
HF7K-25	25	37	40	19.1
HF7K-30	30	43	45	19.1
HF7K-35	35	49	50	19.1
HF7K-40	40	55	58	21.1
HF7K-50	50	65	70	21.1
HF7K-60	60	79	80	25.8
HF7K-80	80	104	105	25.8
HF7K-100	100	123	125	25.8

Applications

Target Industries

Automobile • Industrial Pumps • Chemical Processing • HVAC&R Units • Water Treatment • Aerospace

Service & Support

Service & Quality Assurance

- ODM & OEM services available
- Free drawings provided with mass production
- 100% testing before packing
- 1-year quality guarantee
- Video support for technical solutions

Logistics



Professional rust-proof packaging and global shipping options ensure safe product arrival.

Secure Delivery Standards

Each seal is meticulously wrapped in copy paper for rust proofing and placed in specialized small boxes. We utilize professional placement and standard shelving techniques to optimize protection during transit. Shipping options include FedEx, TNT, UPS, and EMS.