

# WB2 Mechanical Seal for Acid and Alkali Solutions

This single mechanical seal is balanced and independent of rotation direction. It features a polytetrafluoroethylene tube and a spring protected by a polytetrafluoroethylene tube.



## Product Overview

### WB2 Mechanical Seal Overview

The WB2 Mechanical Seal is a high-performance solution engineered for demanding industrial environments involving corrosive media. Featuring a balanced, single-seal design, it is independent of the direction of rotation, ensuring versatile installation. Its robust construction includes a protective polytetrafluoroethylene (PTFE) tube that shields the spring, significantly enhancing durability and chemical resistance in harsh operational conditions.

## Technical Specifications

### Maximum Pressure

**0.5 MPa**

Pressure Limit

Temperature Range	-20 to 120°C
Maximum Speed	15 m/s

## Design Features

### Design Highlights

- Spring protected by PTFE tube
- Balanced design
- Corrosion resistant

Seal Type	Single seal, balanced
Rotation Direction	Independent
Construction Materials	PTFE tube

## Applications

### Compatible Media

Acid solutions • Alkali solutions • Salt solutions