

# Fluid Check Valve

This valve allows fluid to flow in only one direction, preventing backflow. It is suitable for various applications requiring reliable directional control.



## Product Overview

### High-Performance Fluid Control

This fluid check valve is integrated into a close-coupled centrifugal pump system specifically designed for handling corrosive chemicals. The robust construction features a chemical-resistant housing, likely polypropylene, ensuring long-term durability in harsh industrial environments. Its compact design directly mounts to an electric motor, providing an efficient solution for reliable chemical transfer and leakage prevention.

## Design & Construction

### Key Components

- Volute casing
- Impeller
- Mechanical seal
- Electric motor

<b>Pump Type</b>	Close-coupled centrifugal pump
<b>Housing Material</b>	Chemical-resistant material (e.g., Polypropylene)

## Performance Features

### Leakage Prevention

Mechanical Seal

<b>Application Suitability</b>	Corrosive Chemicals, Industrial Applications, Chemical Resistance
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## Technical Configuration

### Design Benefits

- Compact unit footprint
- Efficient power transfer
- Robust construction

<b>Mounting Style</b>	Directly mounted to electric motor
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