

Fire Suppression Water Pump

This fire pump is designed for high-performance fire suppression systems. It ensures a consistent water supply for firefighting operations with its durable construction and powerful motor.



ADDITIONAL IMAGES



Overview

High-Performance Fire Suppression Pump

This vertical inline fire suppression water pump is engineered for high efficiency and reliable operation in industrial, commercial, and municipal fire protection systems. Utilizing CFD computational fluid dynamics for optimized flow path design, it ensures superior hydraulic performance and energy savings. The robust construction includes a stainless steel shaft sleeve to prevent corrosion, simplifying maintenance and extending the operational lifespan of the unit.

Performance Metrics

Flow Range

5 L/s

Minimum Flow

100 L/s

Maximum Flow

Pressure Range

0.31 MPa

Min Pressure

2 MPa

Max Pressure

Technical Specifications

Inlet/Outlet Diameter	25mm - 300mm
Max Allowable Inlet Pressure	0.4 MPa
Flange Pressure Class	1.6 MPa
Motor Levels	Level 2, Level 4
Max Medium Temperature	80 °C

Design Features

Key Design Features

- Vertical pipe structure for easy installation
- Direct motor-to-pump connection for stability
- Stainless steel shaft sleeve for corrosion resistance
- Rubber corrugated pipe mechanical seal
- CFD-optimized hydraulic profile