

# Vertical Multistage Water Pump

The vertical multistage pump delivers high pressure and flow rates. Its design is ideal for water supply, pressure boosting, industrial washing, and irrigation systems.



## Product Overview

### High-Performance Vertical Multistage Pump

The YMPV Series Vertical Multistage Pump is engineered for high-pressure fluid handling in demanding environments. Its space-saving vertical orientation facilitates straightforward installation, while the robust multistage design ensures consistent flow rates. Built with high-quality components like brass/PPO impellers and reliable mechanical seals, this pump is an ideal solution for industrial washing, pressure boosting, and specialized irrigation systems.

## Operating Limits

Maximum Operating Pressure	8 bar
Maximum Liquid Temperature	90 °C
Suction Lift	6-8m (with foot valve)
Maximum Altitude	1000 m

## Technical Construction

### Materials Specification

Component	Material
Pump Body	Cast iron
Impeller	Brass / PPO / Noryl
Ejector union	PPO / Noryl
Motor shaft	AISI1045 / Stainless steel
Mechanical seal	Nbr / graphite / ceramic

## Electrical Specifications

### Motor Metrics

**2850 rpm**

Speed of Rotation

### Insulation Class

Class B

### Protection Rating

IP44

Duty Cycle	Continuous Duty (S1)
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## Standards & Compliance

Applicable Standards

IEC 60034-1, IEC 335-1, IEC 34-1, ISO 2548