

Automatic Self-Priming Peripheral Water Pump

This pump features a built-in check valve, eliminating the need for repeated water charging after the initial injection. It is designed for easy installation with flanged screw thread connections and includes a thermal protector to prevent overheating.



Overview

High-Efficiency Automatic Water Pump

This automatic self-priming peripheral water pump is engineered for reliable water delivery and pressure boosting in both industrial and residential settings. It features a robust cast iron construction with a built-in pressure switch and tank for fully automated operation. Designed for convenience, the unit includes an integrated thermal protector to prevent overheating and easy-access components for straightforward maintenance.

Technical Specifications

Operating Limits

60 °C Max Liquid Temp	6.5 bar Max Working Pressure
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Electrical Requirements

Single-phase 220V/50Hz

Features & Design

Key Features

- Built-in check valve for self-priming
- Integrated pressure switch and tank
- Built-in thermal motor protection
- Stable base support included
- Easy-clean impeller cover

Components & Materials

Material Composition

Component	Material
Pump Body	Cast iron (electrophoretic paint)
Impeller Cover	Brass/Cast iron
Mechanical Seal	Graphite-Ceramic-NBR
Shaft	Stainless steel
Bearing	Z4 class

Applications

Primary Applications

Clean water delivery, Machine tool cooling, Industrial water supply, Residential water supply, Pressurization systems