

Vertical Self-Priming Water Pump

This submersible water pump is designed for rebuilding urban running water systems and regional secondary water supplies. The pump features a bottom intake for efficient water suction.



Overview

High-Efficiency Vertical Self-Priming Solution

The QJX series vertical self-priming pump is an integrated, high-efficiency solution designed for reliable water supply and drainage in industrial, mining, and municipal applications. Its vertical configuration eliminates the need for dedicated pump stations, significantly reducing civil engineering investment and space requirements. Built for durability, the unit operates with minimal noise and offers excellent heat dissipation, ensuring a service life of 4-5 years under optimal conditions.

Performance

Flow Rate

80 m³/h

Min Flow Rate

600 m³/h

Max Flow Rate

Head Height

20 m

Min Head

210 m

Max Head

Technical Specifications

Motor Specifications

Parameter	Value
Voltage	380V
Frequency	50Hz
Max Power	220KW
Rotate Speed	3000 r/min

Available Outlet Diameters

- 360mm
- 450mm
- 505mm

Operating Environment

Environment Constraints

- Max Ambient Temp: 20°C
- Max Immersing Depth: 500mm
- Max Hydrogen Sulfide: 1.5mg/L
- Max Chloride Ion: 400mg/L
- pH Value: 6.5-8.5

Construction

Material Composition

Cast iron, Stainless steel

Certifications

Certifications & Standards

ISO 9001 • CE