

Submersible Axial Flow Pump for Irrigation and Drainage

This axial flow pump is appropriate for pumping clear or lightly contaminated water. It is used for flood control and drainage, farmland irrigation, and water supply projects.



Overview

High-Efficiency Submersible Axial Flow Pump

This high-capacity submersible axial flow pump is engineered for large-scale irrigation and drainage tasks in agricultural and industrial environments. By integrating the motor and pump body, the system eliminates complex assembly and significantly reduces infrastructure costs. Designed for long-term reliability, it offers remote operation capabilities and quiet, efficient performance in diverse water management projects.

Key Performance Metrics

Operating Specifications

1500 kW

Max Power Output

10689 l/s

Max Discharge

16.44 m

Max Head

Technical Specifications

Mechanical Properties

Feature	Range
Outlet Diameter	350 - 1400 mm
Impeller Diameter	267 - 1540 mm
Rotate Speed	485 - 1450 r/min
Impeller Angle	-6 to +6 degrees

Motor Characteristics

- Three-phase asynchronous motor
- Insulation Grade: F
- Protection Grade: IP68
- Double/Triple mechanical sealing
- Voltage range: 380-10000V
- Frequency: 50-60Hz

Certifications & Quality

Compliance Badges

ISO9001 • CE Certified • IP68 Rated

Operating Environment

Operational Limits

- Max Ambient Temperature: 50°C
- Ph Value Range: 6-9