

Axial Flow Submersible Pump - Sleigh Floating Type

This submersible pump is designed for use in transportable medium and small pumping stations. It is especially appropriate for draining water in emergencies and does not require hydraulic architecture.



Product Overview

High-Efficiency Axial Flow Submersible Pump

This sleigh floating type axial flow submersible pump is designed for large-scale water management, irrigation, and drainage applications. By integrating the motor and pump into a single submersible unit, it eliminates complex assembly and significantly reduces infrastructure costs compared to traditional ground-based stations. The design ensures reliable operation in varied environments, including industrial sites, power stations, and large-scale agricultural projects.

Performance Metrics

Key Operating Metrics

1500 KW

Max Power

10689 l/s

Max Discharge

16.44 m

Max Head

Technical Specifications

Dimensions & Construction

| Parameter | Range |
|-------------------|------------------|
| Outlet Diameter | 350 - 1400 mm |
| Impeller Diameter | 267 - 1540 mm |
| Operating Speed | 485 - 1450 r/min |

Material Composition

- Pump body: Cast iron
- Impeller: Stainless steel
- Shaft: #45 steel

Motor & Electrical

Motor Characteristics

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

Standards & Compliance

Certifications

CE, ISO 9001