

Floating Axial Flow Water Pump

This axial flow pump is designed for use in small pumping stations and is particularly useful for emergency water drainage. It does not require any hydraulic architecture.



Overview

Floating Axial Flow Water Pump System

This floating axial flow water pump is designed for high-efficiency water transfer in agriculture, industrial drainage, and power station applications. By integrating the motor and pump body, the system eliminates the need for complex civil engineering, reducing project costs by 30-40% compared to traditional ground stations. Engineered for reliability, it features a rugged IP68-rated motor, stainless steel impellers, and an adjustable blade mechanism to maintain optimal performance in diverse water environments.

Performance Metrics

Key Operating Metrics

1500 KW

Max Power

10689 l/s

Max Discharge

16.44 m

Max Head

1450 r/min

Max Speed

Technical Specifications

Dimensions and Capacity Table

Parameter	Range
Outlet Diameter	350-1400 mm
Impeller Diameter	267-1540 mm
Head Range	1.1-16.44 m
Discharge	116-10689 l/s
Impeller Pitch	6 deg

Motor & Electrical

Motor Features

- Three-phase asynchronous motor
- Insulation Grade F
- IP68 Protection Grade
- Double/Triple mechanical sealing
- 380-10000V Voltage support

Materials & Certification

Material Composition

- Pump Body: Cast Iron
- Impeller: Stainless Steel
- Shaft: #45 Steel

Certifications & Standards

CE, ISO 9001