

Submersible Sewage Pump for Wastewater and Sludge

This submersible sewage pump is appropriate for draining liquids and sludge containing solid particles and various textile substances, as well as dirty waste water. It is mainly used in urban waste water processing and waste water applications for rivers and lakes.



Product Overview

Industrial Submersible Sewage Pump

This submersible pump is engineered for demanding wastewater and sludge applications across municipal and industrial sectors. Featuring non-clog impeller technology and an automatic coupling system, it ensures reliable operation with minimal maintenance. The system is equipped with advanced protective sensors and multi-mechanical sealing, allowing for continuous, high-performance operation in corrosive and solid-heavy environments.

Performance Metrics

Key Performance Indicators

6000 m³/h

Max Discharge

80 m

Max Lift Head

400 kW

Max Motor Power

Technical Specifications

Operating Limits

Parameter	Range/Limit
Temperature Range	-5 to +50 °C
Max System Pressure	< 1 Mpa
pH Value Range	2 to 13
Max Immersion Depth	10 m
Solid Particle Diameter	30-100 mm

Mechanical Details

- Rotary speed: 2900 r/min
- Outlet diameter: 50-600 mm
- Service life: 4-5 years
- Continuous run time: 6000 hours

Features & Compliance

Safety and Protection

Water leakage monitor • Thermal stator winding sensor • Automatic control cabinet • Multi-mechanical sealing

Certifications & Compliance

ISO 9001, CE Certified