

4-Inch Deep Well Submersible Pump

This 4-inch submersible pump is designed for efficient water extraction from deep wells. It features a flow rate of up to 180 L/min (10.8 m³/h) and a head of up to 330 meters.



Overview

High-Efficiency Submersible Pump

Designed for demanding deep well applications, this 4-inch submersible pump delivers exceptional performance with flow rates up to 180 L/min and heads reaching 330 meters. Constructed with durable stainless steel components, it ensures reliability in both domestic and industrial environments. It is engineered to handle clean water efficiently, making it an ideal solution for irrigation, pressure boosting systems, and water distribution.

Performance Metrics

Max Flow Rate

180 L/min

Flow Rate

10.8 m³/h

Flow Rate

Maximum Head

330 m

Application Limits

Operating Conditions

- Max immersion depth: 80 m
- Max liquid temperature: +35 °C
- Max ambient temperature: +40 °C
- Max sand content: 100 g/m³
- Minimum well diameter: 4 inches

Construction & Materials

Component Materials

| Component | Material |
|-----------------|----------------------------------|
| Pump Body | Stainless steel |
| Impeller | Stainless steel |
| Diffuser | Stainless steel |
| Motor Bracket | Stainless steel |
| Motor Shaft | Stainless steel or 45# steel |
| Mechanical Seal | Ceramic-graphite or SiC-graphite |

Electrical Specifications

Electrical Data

Single-phase 220V/240V-50Hz, Three-phase 380V/415V, Class B Insulation, IP X8 Protection

Applications

Suitable Applications

Domestic Water Supply • Civil Engineering • Industrial Use • Irrigation Systems • Washing Plants • Fire-fighting Sets