

Deep Well Submersible Pump

This deep well submersible pump is engineered for efficient water extraction. It delivers flow rates up to 1000 liters per minute and a head of up to 441 meters, making it suitable for various water supply needs.



Product Overview

High-Performance Deep Well Submersible Pump

This 6-inch submersible pump is engineered for efficient water extraction, offering a maximum flow rate of 1000 L/min and a head capacity of up to 441 meters. Built with durable stainless steel components, it is designed for demanding domestic, civil, and industrial applications, including irrigation, pressure boosting, and fire-fighting systems. The unit features built-in thermal overload protection and is suitable for clean water with a sand content of up to 150 g/m³.

Performance Metrics

Max Flow Rate

1000 L/min

Flow Rate

60 m³/h

Flow Rate

Maximum Head

441 m

Operating Limits

Temperature Limits

- Liquid temperature up to +35 °C
- Ambient temperature up to +40 °C

Max Immersion Depth

100 m

Max Sand Content

150 g/m³

Minimum Well Diameter

6 inch

Construction Materials

Material Composition

Component	Material
Pump Body	Stainless steel
Impeller	Plastic POM
Diffuser	Plastic PC and Stainless steel
Motor Bracket	Stainless steel
Motor Shaft	Stainless steel or 45# steel
Mechanical Seal	Ceramic - graphite or Sic to graphite

Electrical Specifications

Protection & Insulation

IP X8 • Insulation Class B

Safety Features

- Thermal overload protector built into copper winding
- Start control box included

Motor Options

Single-phase 220V/240V-50Hz, Three-phase 380V/415V