

# Deep Well Submersible Pump

This deep well submersible pump is engineered for efficient water extraction from significant depths. It delivers a flow rate of up to 270 liters per minute and can reach a head of up to 405 meters.



## Overview

### High-Efficiency Deep Well Submersible Pump

Designed for reliable water extraction, this submersible pump is engineered for both domestic and industrial applications. It features a robust stainless steel construction, ensuring durability and high efficiency in demanding environments. With versatile power options and advanced protection features, it is an ideal solution for irrigation, pressure boosting, and water distribution systems.

## Performance

### Maximum Flow Rate

**270 L/min**

Flow Rate

**16.2 m³/h**

Flow Rate

### Maximum Head

405 m

## Operating Limits

### Temperature Limits

- Liquid temperature: +35 °C
- Ambient temperature: +40 °C

### Max Immersion Depth

80 m

### Max Sand Content

150 g/m<sup>3</sup>

## Construction

### Material Composition

Component	Material
Delivery Body	Stainless steel AISI 304
Impeller & Diffuser	Technopolymer
Non-return Valve	Stainless steel AISI 304
Screws, filter, cable cover	Stainless steel AISI 304
Motor Bracket	Stainless steel
Pump Shaft	Stainless steel or 45# steel

## Electrical Specifications

### Protection & Insulation

IP 68 • Class F

### Motor Type

Oil filled rewindable motor (non-toxic oil for food use)

### Voltage Options

Single-phase 220V/230V-50Hz, Three-phase 380V/415V