

# 3-Inch Submersible Borehole Water Pump

This multistage submersible water pump is designed for 3-inch deep wells. It is particularly suitable for civilian and industrial purposes such as sprinkler systems, food plants, and fire installations, as well as water supply from wells or reservoirs for garden use and irrigation.



## Overview

### High-Performance 3-Inch Submersible Borehole Pump

This 3-inch submersible borehole pump is engineered for efficient water extraction from wells and boreholes, featuring a multi-stage impeller system for optimal hydraulic performance. Constructed with durable materials, it is designed for long-lasting reliability in demanding environments such as irrigation, water supply, and pressure boosting. The robust motor includes integrated protection mechanisms to ensure safe operation and easy maintenance for professional users.

## Performance Highlights

### Key Performance Metrics

**2.8 m<sup>3</sup>/h**

Max Flow Rate (Qmax)

**50 m**

Max Head (Hmax)

**0.37 kW**

Power Output

## Technical Specifications

Horsepower	0.5 HP
Rated Speed	2900 r/min
Voltage Options	220V, 400V
Frequency	50 Hz
Outlet Diameter	1 1/4 inch

## Operating Limits

Max. Liquid Temperature	40
Max. Immersion Depth	70 m
Min. Well Diameter	75 mm

## Applications

### Typical Applications

- Irrigation
- Water Supply
- Pressure Boosting
- Borehole Water Extraction

## Safety & Compliance

### Safety Features

Grounding Required • Overload Protection Compatible • Electric Shock Protection