

# Stainless Steel Submersible Water Pump for Irrigation

This submersible water pump features a direct-coupled submersible motor and pump for underwater operation. It is suitable for farmland irrigation and water supply and drainage projects for urban, industrial, and mining enterprises.



## Overview

### High-Efficiency Submersible Irrigation Pump

This stainless steel submersible pump is engineered for reliable water extraction in agricultural, urban, and industrial settings. Featuring a robust 3D hydraulic design and a floating impeller structure, it ensures optimal flow performance and longevity. The construction utilizes high-grade stainless steel for the housing and shaft, paired with wear-resistant polymer composites for the internal components, making it ideal for demanding deep-well applications.

## Technical Specifications

### Voltage Options

- 380
- 400
- 415

### Performance Metrics

**50 Hz**

Frequency

**4 kW**

Power Output

**0.83 COS $\phi$**

Power Factor (at 380V)

### Electrical Data Table

Voltage (V)	Current (A)	Power Factor
380	9.3	0.83
400	9	0.8
415	8.7	0.78

## Construction & Materials

### Design Features

Floating Impeller • 3D Hydraulic Design • Sand-Resistant • Submersible

### Material Composition

Stainless Steel Housing, Copper Alloy Pump Head, PC Composite Impeller, Wear-Resistant Lining

## Application

### Primary Applications

- Agricultural Irrigation
- Urban Water Supply
- Industrial Drainage
- Deep Well Extraction