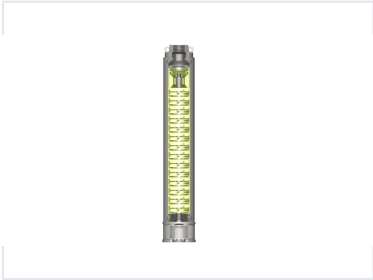


# 4" Submersible Water Pump

This submersible electric pump provides efficient and reliable water extraction. Its stainless steel construction ensures corrosion resistance and longevity.



## ADDITIONAL IMAGES



## Product Overview

**BM SERIES 4" SUBMERSIBLE ELECTRIC PUMPS**  
**\*COST-EFFECTIVE VERSION\***

**FEATURES**

- Stainless steel body
- Floating impeller
- Self-priming
- 304/316 stainless steel

**APPLICATIONS**

- Mining and industrial
- Agriculture and irrigation
- Domestic and commercial
- Deep wells and boreholes
- Flood control and drainage
- Oil and gas extraction

**DATA**

- Motor: 0.5 to 10 HP
- Voltage: 230V/460V/690V
- Frequency: 50/60 Hz
- Flow rate: 10 to 100 m³/h
- Head: 10 to 100 m
- Protection class: IP68

**CONSTRUCTION & CHARACTERISTICS**

- Corrosion resistant stainless steel body
- Floating impeller for self-priming and sand handling
- Self-priming design for easy installation
- Robust construction for long service life
- Floating impeller for sand handling
- Self-priming design for easy installation
- Robust construction for long service life

**OPTIONAL FEATURES**

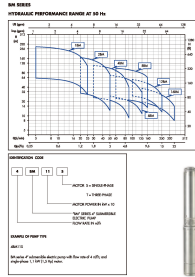
- Different motor options
- Different voltages

Overview of the BM Series 4" submersible pumps highlighting their cost-effective design and diverse application range from irrigation to industrial use.

### High-Efficiency 4" Submersible Solutions

The BM Series 4" submersible electric pumps are engineered for cost-effective and reliable water extraction from deep wells and boreholes. Constructed with a corrosion-resistant stainless steel body and a multi-stage centrifugal hydraulic design, these pumps deliver high performance across domestic, agricultural, and industrial applications. Designed for versatility, they support both vertical and horizontal installation and feature floating impellers for superior abrasion resistance against sand.

## Key Performance Metrics



Performance charts showing head and flow rate characteristics for various models within the BM Series at 50 Hz.

### Performance Highlights

**22 m³/h**

Max Delivery

**225 m**

Max Head

**150 g/m³**

Max Sand Content

**99 mm**

Overall Diameter

## Applications

### Primary Applications

Deep Well Water Supply, Agricultural Irrigation, Pressure Boosting, Fire-fighting, Industrial Application, Reservoirs and Tanks

## Technical Specifications

### Motor Options

Phase	Power Range (kW)	Voltage (V)	Frequency
Single-phase (4OS)	0.25 - 2.2	220	50 Hz
Three-phase (4OS)	0.37 - 2.2	220	50 Hz
Three-phase (4OS)	0.37 - 3.0	380	50 Hz

### Delivery Port Sizes

- 1BM, 2BM, 4BM, 6BM: Rp 1" 1/4
- 8BM, 12BM, 16BM: Rp 2"

## Construction & Features

### Construction Materials

- Precision-cast stainless steel delivery port
- Precision-cast stainless steel suction support
- Hexagonal pump shaft for effective impeller driving
- Abrasion-resistant floating impellers
- Built-in non-return valve to prevent backflow

## Operating Conditions

### Installation Orientation

Vertical • Horizontal

### Max Water Temperature

35 °C

## Identification

### Code Structure

The model code (e.g., 4BM11S) identifies the pump series. The first digit represents flow rate in m<sup>3</sup>/h, 'BM' indicates the series, the following digits represent motor power (kW x 10), and the suffix indicates phase (S for Single-phase, T for Three-phase).