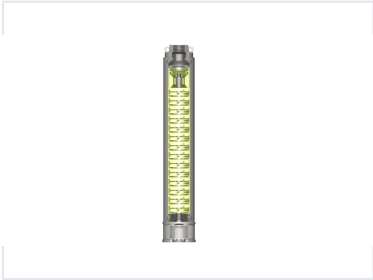


# 4" Submersible Water Pump

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

**ADVANTAGES**

- High efficiency (up to 85%)
- Low noise level (up to 65 dB)
- Long service life (up to 10 years)
- Easy maintenance (up to 90%)
- Wide range of applications (up to 100m)

**DATA**

- Power: 0.5 - 10 kW
- Voltage: 220V - 480V AC
- Frequency: 50/60 Hz
- Flow rate: 0.5 - 10 m³/h
- Head: 10 - 100 m
- Ambient temperature: -20°C to 50°C

**CONSTRUCTION & CHARACTERISTICS**

- Corrosion resistant stainless steel body
- Floating impeller for self-priming and stability
- Self-priming capability (up to 10m)
- Wide range of applications (up to 100m)
- Easy maintenance (up to 90%)
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**OPTIONAL FEATURES**

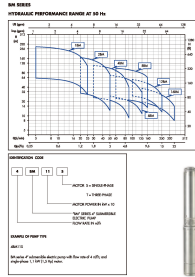
- Self-priming
- Self-priming

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).