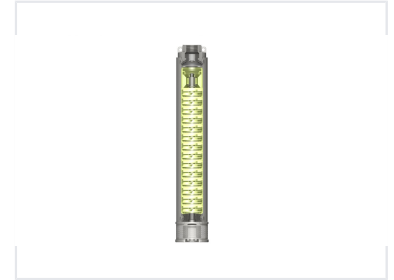


4" Submersible Water Pump

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

- Cost-effective design for deep water extraction, high efficiency, better performance and longer life.

ADVANTAGES

- Superior efficiency
- Superior quality
- Superior performance
- Superior durability

FEATURES

- Motor size: 1/2 HP to 2 HP
- Head: up to 100 ft (30.5 m)
- Flow rate: up to 100 GPM (3.8 m³/h)
- Construction: stainless steel body and impeller
- Impeller: floating impeller
- Motor: IP68
- Motor: 230V AC, 50/60 Hz
- Motor: 115V AC, 50/60 Hz
- Motor: 230V AC, 50/60 Hz
- Motor: 115V AC, 50/60 Hz

CONSTRUCTION & CHARACTERISTICS

- Construction: stainless steel body and impeller
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OPTIONAL FEATURES

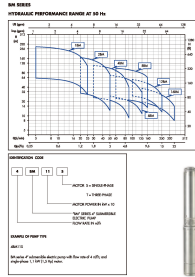
- Different motor and frequency
- Different materials

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 m³/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).