

3-Inch High-Speed Submersible Borehole Pump

This submersible pump is designed for efficient water extraction from boreholes. Constructed from stainless steel, it suits domestic, irrigation, and industrial applications.



Overview

High-Efficiency Submersible Solution

This 3-inch high-speed submersible borehole pump is engineered for superior performance in narrow borehole applications. Featuring a permanent magnet synchronous motor with efficiency ratings exceeding 88%, it delivers reliable water extraction for domestic, agricultural, and industrial needs. Its robust stainless steel construction and advanced built-in protection systems ensure long-term durability and continuous operation.

Performance Metrics

Key Performance Indicators

180 m

Max Head

10 m³/h

Max Flow

88 %

Rated Efficiency

0.7

MEI Rating

Technical Specifications

Motor Technology	Permanent magnet synchronous motor with built-in brushless drive
Materials	AISI 304 Stainless Steel, AISI 316 Stainless Steel, Tungsten-Carbide Coating, Sic Bearings, Graphite
Pump Diameter	3 inches

Features

Integrated Protection Systems

- Over-voltage protection
- Under-voltage protection
- Over-load protection
- Over-temperature protection
- Dry-running protection
- Automatic restart

Operational Advantages

Wide voltage range • Soft start • High starting torque • Integrated water cooling • Continuous duty