

# 3.5" Submersible Borehole Water Pump

This multistage submersible water pump is designed for use in 3.5" deep wells. It is particularly suitable for civilian and industrial applications such as sprinkler systems, food plants, and fire installations, as well as for water supply from wells or reservoirs, garden use, and irrigation.



## Product Overview

### Professional Borehole Water Extraction

This 3.5-inch submersible borehole pump is engineered for efficient water extraction from deep wells and boreholes. Constructed from durable materials, it provides reliable performance in demanding environments, making it suitable for irrigation, domestic water supply, and industrial applications. The unit features a robust motor and a multi-stage impeller system, ensuring consistent flow and high efficiency across various depths.

## Performance Metrics

### Key Performance Metrics

**2.8 m<sup>3</sup>/h**

Max Flow Rate (Qmax)

**50 m**

Max Head (Hmax)

**0.37 kW**

Power Output

**0.5 HP**

Horsepower

## Operating Limits

### Operating Conditions

- Max liquid temperature: 40°C
- Max immersion depth: 70m
- Min well diameter: 90mm

## Technical Specifications

### Technical Data

Parameter	Value
Model	90QJ1-45/55
Voltage	~220V
Frequency	50Hz
Rotation Speed	2850 r/min
Outlet Diameter	1 1/4 inch
Min Flow Rate	1 l/min

## Safety & Features

### Safety Features

Overload Protection, Dry Running Protection