

# Geothermal Submersible Borehole Pump for High-Temperature Wells

This submersible pump is designed for geothermal development and utilization projects. It withstands operating water temperatures of 120 and is resistant to heat, corrosion, and aging.



## Overview

### High-Performance Geothermal Extraction

The QJR series submersible pump is specifically engineered for high-temperature geothermal wells, offering robust performance in demanding environments. These units feature heat-resistant and anti-corrosive materials, ensuring long-term reliability for industrial, agricultural, and heating applications. With a wide range of configurations available, this pump delivers high efficiency and significant energy savings for professional geothermal water supply systems.

## Performance Metrics

### Flow Rate Range

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

Min Flow Rate

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

Max Flow Rate

### Head Height Range

**6 m**

Min Head

**600 m**

Max Head

## Technical Specifications

Available Pump Sizes (Inches)	6", 7", 8", 9", 12", 14"
Well Diameter Range	150-400 mm

## Operating Limits

Maximum Ambient Temperature	100 °C
Max Immersion Depth	70 m

## Motor & Power

### Electrical Requirements

- Voltage: 380V
- Frequency: 50Hz
- Max Power: 250kW

## Construction

### Build Materials

- Cast Iron
- Stainless Steel

## Certifications

### Quality Standards

ISO9001 • CE