

# Submersible Deep Well Water Pump

This submersible deep well pump is designed for efficient water extraction. It features a rewindable motor with Class B insulation and IP68 protection, adhering to NEMA dimension standards.



## Overview

### About the QGD Series Pump

The QGD series is a high-efficiency, sandproof submersible screw pump designed for deep well applications. It features a robust design with a motor positioned beneath the pump for superior heat dissipation, utilizing a resilient rubber stator to create a continuous cavity for fluid transport. With reliable mechanical sealing and a durable construction, this pump is suitable for a wide range of residential, agricultural, and industrial water supply needs.

## Performance Metrics

### Flow Rate Capacity

**0.5 m³/h**

Min Flow

**3.5 m³/h**

Max Flow

### Total Head Range

**30 m**

Min Head

**150 m**

Max Head

## Technical Specifications

### Insulation Class

Class B

### Model Performance Comparison

Model	Flow Range	Head Range
2QGD	10-30 L/min	35-70 m
4QGD	4-12 L/min	13-45 m

**Power Range** 0.25 kW to 0.75 kW

**Protection Grade** IP 68

**Minimum Well Diameter** 94.5 mm

**Maximum Liquid Temperature** 40 °C

## Design Features

### Key Features

- Sandproof design
- Single screw pump mechanism
- Dry or oil-filling type motor options
- Double end face mechanical seal
- O-ring sealing system