

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