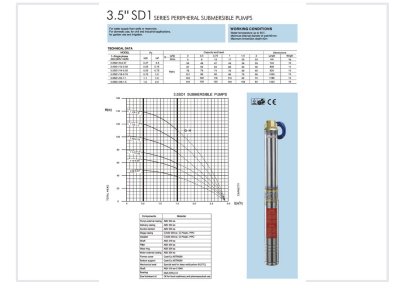


# 3.5-Inch Peripheral Submersible Water Pump

This submersible pump is designed for water supply from wells and reservoirs. It is suitable for domestic, civil, and industrial applications, as well as for garden use and irrigation.



## Overview

### High-Efficiency 3.5-Inch Submersible Solution

The 3.5SD1 series peripheral submersible pumps are engineered for reliable water supply from deep wells and reservoirs. These versatile pumps are suitable for domestic, civil, and industrial applications, including garden irrigation and pressure boosting. Built with high-grade stainless steel components and specialized seals, they ensure long-term durability even in demanding deep-well conditions.

## Performance Range

Maximum Immersion Depth	40 m
Max. Water Temperature	55 °C
Minimum Well Diameter	90 mm

## Technical Specifications

### Model Performance Data

Model (Single Phase)	Power (kW)	Power (HP)	Max Head (m)	Length (mm)
3.5SD1/9-0.37	0.37	0.5	50	742
3.5SD1/12-0.55	0.55	0.75	67	895
3.5SD1/14-0.55	0.55	0.75	78	920
3.5SD1/18-0.75	0.75	1	101	1039
3.5SD1/22-1.1	1.1	1.5	123	1188
3.5SD1/26-1.5	1.5	2	143	1323

## Materials of Construction

### Component Materials

Component	Material
External Casing	AISI 304 Stainless Steel
Delivery Casing	AISI 304 Stainless Steel
Suction Lantern	AISI 304 Stainless Steel
Shaft	AISI 316 Stainless Steel
Impeller	Plastic PPO / AISI 304 SS
Mechanical Seal	Carbon-SiC/TC (Deep Well Special)
Bearings	NSK / NTN / CU
Lubricant Oil	Food machinery & pharmaceutical grade

## Applications

### Recommended Applications

Well Water Supply, Reservoir Extraction, Domestic Water, Civil Applications, Industrial Use, Garden Irrigation

## Compliance & Quality

### Certifications

CE • AGS