

6-Inch Submersible Deep Well Water Pump

This submersible pump is designed for water supply from wells or reservoirs, and is also suitable for domestic, civil, industrial, and garden use. It can operate in temperatures up to +35°C and is suitable for a minimum well diameter of 6 inches.



Overview

High-Performance 6-Inch Submersible Pump

This 6-inch submersible deep well water pump is engineered for demanding water supply tasks in domestic, civil, and industrial applications. Featuring a robust 304 stainless steel shaft and a 100% copper wire motor, it ensures long-term durability and efficient power transmission. The oil-filled rewindable motor and PC/POM impellers provide reliable performance for irrigation and garden use even in deep well environments.

Key Features

Key Benefits

100 %

Copper Wire Motor

1 Year

Warranty

6 in

Min. Well Diameter

Technical Specifications

Operating Conditions

- Maximum fluid temperature: +35°C
- Maximum sand content: 0.25%
- pH permissible range: 6.5 - 8.5
- Pump speed: ~2850 1/min

Motor & Pump Construction

Motor & Pump Design

- Rewindable motor filled with edible oil
- 304# Stainless steel shaft
- PC/POM floating impellers
- Casing stressed design with screw thread pump sleeve
- Built-in capacitor & current mode thermal protector

Electrical Data

Voltage Configurations

- Single-phase: 220V - 240V / 50Hz
- Three-phase: 380V - 415V / 50Hz
- Optional: 60Hz or special voltages on request

Performance Data

PERFORMANCE DATA 50Hz

MODEL		P ₂		DELIVERY											
1-	3	KW	HP	Q	n = 2850 1/min										
220V/240V	380V/415V			m ³ /h	0	2	4	6	8	10	12	14	16		
6SRM10/4	6SR10/4	2.2	3	l/min	0	33	67	100	133	167	200	233	267		
6SRM10/5	6SR10/5	3	4		58	95	131	166	201	236	271	306	341		
6SRM10/6	6SR10/6	4	5.5		72	109	146	183	220	257	294	331	368		
6SRM10/7	6SR10/7	4	5.5		87	131	175	219	263	307	351	395	439		
6SRM10/8	6SR10/8	5.5	7.5		101	151	201	251	301	351	401	451	501		
-	6SR10/10	5.5	7.5		116	171	221	271	321	371	421	471	521		
-	6SR10/12	7.5	10		145	211	281	351	421	491	561	631	701		
-	6SR10/14	7.5	10		173	251	321	391	461	531	601	671	741		
-	6SR10/16	9.2	12.5		202	291	381	471	561	651	741	831	921		
-	6SR10/18	9.2	12.5		231	331	431	531	631	731	831	931	1031		
-	6SR10/20	11	15		260	371	481	591	701	811	921	1031	1141		
-	6SR10/22	11	15		289	411	531	651	771	891	1011	1131	1251		
-	6SR10/24	13	17.5		318	451	581	711	841	971	1101	1231	1361		
-	6SR10/26	15	20		347	491	631	771	911	1051	1191	1331	1471		
-	6SR10/28	15	20		376	531	681	831	981	1131	1281	1431	1581		
-	6SR10/31	18.5	25		405	581	741	901	1061	1221	1381	1541	1701		
-	6SR10/34	18.5	25		448	631	801	971	1141	1311	1481	1651	1821		
-	6SR10/37	22	30		491	681	861	1041	1221	1401	1581	1761	1941		
-	6SR10/40	22	30		535	741	931	1121	1311	1501	1691	1881	2071		
-	6SR10/40	22	30		578	791	991	1191	1391	1591	1791	1991	2191		

Detailed performance metrics including head and flow rates for various 6-inch pump models.

Model Performance Range (50Hz)

Model	Power (kW)	Power (HP)	Max Head (m)
6SRM10/4	2.2	3	58
6SRM10/8	5.5	7.5	116
6SR10/20	11	15	289
6SR10/40	22	30	578

Compliance & Quality

Certifications

CE, ISO9001:2008, ISO 9906 Compliant

Applications

Primary Applications

Deep Well Water Supply • Civil & Industrial • Irrigation • Domestic Use