

INTRODUCTION

The Shakti Submersible 4SS Pumpset Series is a robust 4-inch submersible pumpset range designed for long and reliable service life. The Submersible 4SS Pumps are specially engineered with floating-type impellers that enhance overall hydraulic performance and improve pumping efficiency. A built-in check valve prevents backflow and reduces the risk of water hammer, helping to protect the pumping system. All critical hydraulic components are manufactured from corrosion-resistant thermoplastic materials, while the shaft is made of SS 304 stainless steel for durability and long-term performance.

OIL COOLED MOTOR DETAILS

Shakti 4SS pumpset is coupled with high efficiency oil filled (submersible) motors. The motor is filled with special insulating oil which provides excellent cooling, lubrication and insulation for longer life and reliable performance.

FEATURES

- Simple installation and maintenance-free
- Pump impellers are floating type
- High efficiency design for low operation cost
- Longer and trouble free life
- Wide hydraulic range
- Oil-filled motor design for superior cooling and longer life
- Axial bearings for high axial load carrying capacity

PUMP MATERIAL SPECIFICATION

Components	Material
Pump Outer Sleeve	AISI SS 304
Discharge Casing	Cast Iron
Suction Casing	Cast Iron
Diffuser	Noryl
Impeller	Noryl
Pump Shaft	AISI SS 304
Shaft Coupling	AISI SS 304
Wear Ring	AISI SS 304

PERFORMANCE TABLE

MODEL : 4SS4 (50Hz)

Set Code	Motor	Motor Rating		Rated Current (A)	Del.Size -40mm Stages	M3/Hrs LPM	Head (m)	0	2.0	2.4	3.0	4.2	4.8	5.4	6.0
		kW	H.P.					0	33	40	50	70	80	90	100
9900005676	V4	0.75	1	6.5	10	70	104	70	59	56	51	33	22	14	8
9900005677	V4	1.1	1.5	9	15			104	93	88	79	56	40	24	14
9900005678	V4	1.5	2	9.8	16			114	103	98	92	66	49	32	20

BENEFITS OF OIL COOLED MOTOR

- **Energy Savings:** Reduces power consumption and lowers operating costs.
- **Superior Cooling:** Oil-filled construction ensures efficient heat dissipation and stable performance.
- **Extended Service Life:** Better lubrication and reduced electrical stress enhance motor durability.
- **Reliable Protection:** Sealed design safeguards internal components against moisture and contamination.
- **Low Maintenance:** Engineered for long service life with minimal maintenance requirements and fewer breakdowns.

All specifications, information, performance, and illustrations are given in good faith and are subject to change without notice due to continuous product development and local market requirements.



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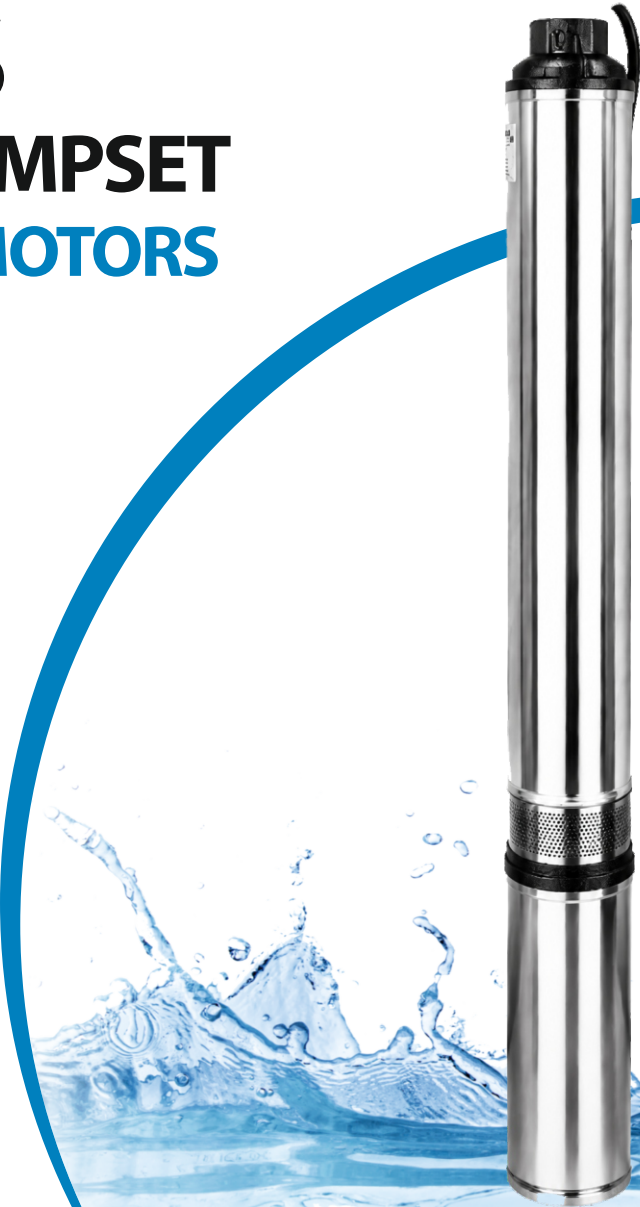
Authorised Dealer / Distributor :



SHAKTI 4SS SUBMERSIBLE PUMPSET WITH OIL COOLED MOTORS 4inch 50Hz Series

APPLICATIONS

-  Domestic Water Supply
-  Small-Scale Irrigation
-  Fountains & Gardening
-  Livestock watering



SHAKTI THE POWER OF INNOVATION, EFFICIENCY & TECHNOLOGY.

Best Suitable Application



LIVESTOCK WATERING



DOMESTIC
WATER SUPPLY



GARDENING



SMALL-SCALE
IRRIGATION

24-Jun/2026/R3 Jun/2026-27/L0/0000 VC: SAP: 2000026926