SHAKTI

PUMPING LIFE

GLOBALLY TRUSTED
WATER PUMPING SOLUTIONS

2 WIRE MOTOR

www.shaktipumps.com

DESCRIPTION

This 2-wire submersible motor is designed for reliable and efficient operation in Bore well and open-well pumping systems. With only two wires to connect directly to the power supply, installation becomes extremely simple, user-friendly, and maintenance-free. The motor is engineered to operate smoothly in challenging underwater conditions, ensuring long service life and consistent performance.

TECHNICAL SPECIFICATIONS

Motor range	:	0.37-2.2kW
Flange Standard	:	4"NEMA
Rotation	:	CCW facing shaft end
Degree of Protection	:	IP68
Rated ambient temp	:	30°C
Starts/Hr	:	20
Mounting	:	Vertical
Voltage tolerance	:	+6%/-10%
Cooling Flow	:	0.16 m/sec

APPLICATIONS

- Domestic Bore well water pumping.
- Agricultural irrigation systems.
- Industrial water supply.
- Rural and urban drinking water systems.
- Water transfer from underground tanks.
- Community water supply schemes.
- Cooling water circulation.

FEATURES

- No need of Control Box.
- Two-wire direct connection to power supply.
- Compact and robust design for long life in submerged conditions.
- High efficiency winding for reduced power consumption.
- Corrosion-resistant stainless-steel components.
- Thermal protection for enhanced motor safety.
- Water lubricated radial and thrust bearing.
- Suitable for wide voltage range operation.
- Designed for continuous underwater operation.
- Low maintenance and user-friendly design.

PERFORMANCE DATA MCIP 230V 50HZ

CODE	HP	KW	VOLTAGE (V)	FREQUENCY (HZ)	CURRENT (A)	EFFICIENCY (%)	POWER FACTOR (pf)	SPEED(RPM)
9000033641	0.5	0.37	230	50	3.5	45.4	0.93	2920
9000033437	0.75	0.55	230	50	5.7	41.4	0.96	2930
9000033402	1	0.75	230	50	6.6	52	0.97	2896
9000033403	1.5	1.1	230	50	10.5	57.5	0.81	2869
9000033404	2	1.5	230	50	13.1	56.73	0.89	2852

PERFORMANCE DATA PREMIUM 230V 50HZ

CODE	HP	KW	VOLTAGE (V)	FREQUENCY (HZ)	CURRENT (A)	EFFICIENCY (%)	POWER FACTOR (pf)	SPEED(RPM)
9000029271	0.5	0.37	230	50	5.5	40	0.73	2900
9000029272	0.75	0.55	230	50	6.2	51	0.78	2890
9000029273	1	0.75	230	50	5.8	64	0.89	2845
9000029274	0.5	1.1	230	50	9.2	61	0.86	2884

PERFORMANCE DATA PREMIUM 230V 60HZ

CODE	HP	KW	VOLTAGE (V)	FREQUENCY (HZ)	CURRENT (A)	EFFICIENCY (%)	POWER FACTOR (pf)	SPEED(RPM)
9000033309	0.5	0.37	230	60	5	56	0.58	3450
9000033310	0.75	0.55	230	60	6.8	59	0.62	3450
9000033311	1	0.75	230	60	8.2	62	0.63	3450
9000033312	1.5	1.1	230	60	10.6	63	0.76	3450

PERFORMANCE DATA MOTOR+VFD 230V 50HZ

CODE	KW	VOLTAGE (V)	FREQUENCY (HZ)	CURRENT (A)	EFFICIENCY (%)	POWER FACTOR (pf)	SPEED(RPM)
9000033670	1.1	222	100	4	83.2	0.98	3000
9000033669	2.2	223	100	8	86.3	0.97	3000

Dec./2025-26/L2/000 VC- Dec.2025/R3 SAP No. 2000018263

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Authorised Dealer / Distributor :