

4" SUBMERSIBLE MOTORS



4" Submersible Motor
Oil Filled & Water Filled Motors



4" Submersible Motors **50HZ**

Oil filled Motors Specifications

Type	Motor Power		Voltage	Running Amps	Start Up Amps
	kW	HP			
Oil Motor	0.37	0.5	230V	3.7	12
Oil Motor	0.55	0.75	230V	5.0	15
Oil Motor	0.75	1	230V	6.2	20
Oil Motor	1.1	1.5	230V	8.1	32
Oil Motor	1.5	2	230V	10.4	38
Oil Motor	2.2	3	230V	15.0	46
Oil Motor	0.37	0.5	380/400v	1.6	4.5
Oil Motor	0.55	0.75	380/400v	1.9	6.7
Oil Motor	0.75	1	380/400v	2.3	8.9
Oil Motor	1.1	1.5	380/400v	3.1	12
Oil Motor	1.5	2	380/400v	4.0	14
Oil Motor	2.2	3	380/400v	5.6	22
Oil Motor	3	4	380/400v	7.4	43
Oil Motor	4	5.5	380/400v	9.8	49
Oil Motor	5.5	7.5	380/400v	13.7	71
Oil Motor	7.5	10	380/400v	18.9	96

4" Oil filled Motors Specifications

Operating Limits

- Max. immersion depth: 100m
- Max. pumped liquid temperature: +35°
- Max. starts/hour: 30
- Protection class: IP68
- PH: 6.5 - 8.0
- Insulation class: F

Models

- Power: Single phase 0.37kW - 2.2 kW
Three phase 0.37 kW - 7.5 kW
- Frequency: 50Hz

Building Features

- NEMA Standard flange connector
- Motor filled with oil
- Motor bracket: Stainless steel 304
- Mechanical seal graphite-silicon carbide
- Control box for single-phase: overload protector, switch, capacitor



Water filled Motors Specifications

Type	Motor Power		Voltage	Running Amps	Start Up Amps
	kW	HP			
Water Motor	0.37	0.5	230V	3.5	12.5
Water Motor	0.55	0.75	230V	4.8	17.2
Water Motor	0.75	1	230V	5.7	19.7
Water Motor	1.1	1.5	230V	8.2	27.2
Water Motor	1.5	2	230V	10.5	36.4
Water Motor	2.2	3	230V	15.2	48.9
Water Motor	0.37	0.5	380/400v	1.4	6.0
Water Motor	0.55	0.75	380/400v	1.7	8.3
Water Motor	0.75	1	380/400v	2.1	9.8
Water Motor	1.1	1.5	380/400v	3.2	16.1
Water Motor	1.5	2	380/400v	4.1	18.7
Water Motor	2.2	3	380/400v	5.9	28.1
Water Motor	3	4	380/400v	7.9	48.4
Water Motor	4	5.5	380/400v	10.1	51.5
Water Motor	5.5	7.5	380/400v	13.9	66.6
Water Motor	7.5	10	380/400v	16.9	91.5

4" Water filled Motors Specifications

Operating Limits

- Max. immersion depth: 300m
- Max. pumped liquid temperature: +35°
- Max. starts/hour: 30
- Protection class: IP68
- PH: 6.5 - 8.0
- Insulation class: F
- Mounting: vertical and/or horizontal

Building Features

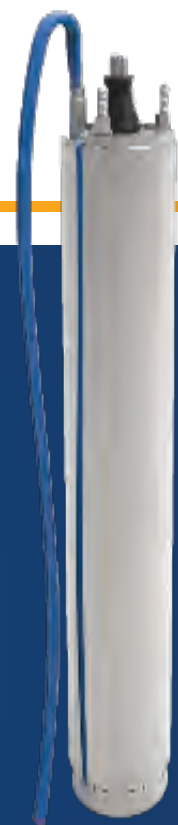
- NEMA Standard flange connector
- Motor filled with water
- Full Stainless steel 304 motor
- Removable power cord-connector

Models

- Power: Single phase 0.37kW - 2.2 kW
Three phase 0.37 kW - 7.5 kW
- Frequency: 50Hz

Thrust load:

- 0.37kW a 1.1kW: 2000N
- 1.5kW a 3kW: 3000N
- 4kW a 7.5kW: 6500N



Cable selection chart

Motor Rating			Cable Size square millimetres						
VOLTS	kW	HP	1.5	2.5	4	6	10	16	25
230v	0.37	0.5	120	200	320	480	810	1260	1900
230v	0.55	0.75	80	130	220	320	550	850	1290
230v	0.75	1	60	100	170	250	430	670	1010
230v	1.1	1.5	40	70	120	180	300	470	710
230v	1.5	2	30	60	90	130	230	360	550
230v	2.2	3		40	60	90	150	230	350
380v	0.37	0.5	810	1350	2160	3240	5500	8530	
380v	0.55	0.75	550	920	1480	2230	3780	5860	8890
380v	0.75	1	410	680	1090	1640	2780	4330	6570
380v	1.1	1.5	300	500	810	1210	2060	3200	4850
380v	1.5	2	220	370	590	880	1500	2340	3560
380v	2.2	3	150	250	400	600	1030	1600	2440
380v	3	4	110	190	310	460	790	1230	1880
380v	4	5.5	80	140	230	340	590	920	1390
380v	5.5	7.5	60	110	170	260	440	690	1060
380v	7.5	10	50	80	130	200	340	530	810





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