



### 4" Oil Cooling Motor Single-phase 220/230V 50Hz

NO.	Type	kW	HP	Current (A)	cosφ	rpm	L(mm)	W(Kg)
1	H4033M224	0.25	0.33	3.0	0.86	2830	290	7
2	H4050M224	0.37	0.5	3.6	0.88	2830	315	8
3	H4075M224	0.55	0.75	4.8	0.89	2830	335	8
4	H4100M224	0.75	1	6.3	0.90	2830	360	9
5	H4150M224	1.1	1.5	8.6	0.90	2850	390	11
6	H4200M224	1.5	2	10.6	0.94	2850	435	12
7	H4300M224	2.2	3	14.0	0.96	2850	480	14

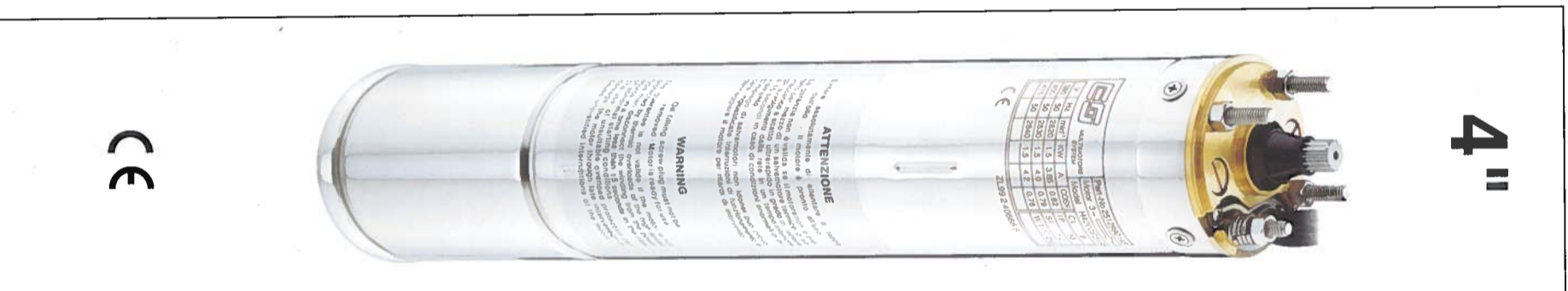


### 4" Oil Cooling Motor Three-phase 380/415V 50Hz

NO.	Type	kW	HP	Current (A)	cosφ	rpm	L(mm)	W(Kg)
1	H4075T218	0.55	0.75	1.7	0.80	2850	385	8
2	H4100T218	0.75	1.0	2.2	0.81	2850	405	9
3	H4150T218	1.1	1.5	3.0	0.82	2850	425	10
4	H4200T218	1.5	2.0	3.9	0.82	2850	432	11
5	H4300T218	2.2	3.0	5.6	0.83	2850	492	14
6	H4400T218	3.0	4.0	7.3	0.83	2850	581	19
7	H4550T218	4.0	5.5	10.3	0.83	2850	621	21
8	H4750T218	5.5	7.5	13.0	0.85	2850	740	25
9	H41000T218	7.5	10	17.6	0.85	2850	860	31

**MATERIAL:**

- High-quality cold-rolled silicon steel lamination.
- Italian mechanical seal.
- 220°C-resistant lacquer-coated wires.
- High-quality bearing undertaking heavy thrust load.
- 4HP-10HP copper bar rotor.



**Characters**

- Conform to international standard of IEC34-1, CE, whole blocked asynchronous motor with squirrel cage rotor.
- Outer shell, shaft and bottom made of stainless steel 304.
- Brass alloy, electrophoretic cast-iron or stainless steel upper bracket.
- Swedish angular contact ball bearing or equivalent products can undertake higher thrust load
- Italian mechanical seal.
- Pressure automatic adjusting device made of oil-proof and waterproof reformed butyl rubber.
- Flange connector conforms to the standard of NEMA (USA National Electrical Manufacturing Association).
- Lacquer-coated wire conforms to USA standard of NEMA MW37-C.

**Properties:**

- Power: Single-phase: 0.25kW - 2.2kW, Three-phase: 0.55kW - 7.5kW
- Voltage: Single-phase 220/230V (-6% +10%) or 230/240V (+6% -10%) 50Hz
- Three-phase 230V or 400V ± 10% 50Hz
- Thrust load: 1500N (0.25kW - 0.75kW) 2500N (1.1kW - 2.2kW) 4500N (3.0kW - 7.5kW)
- Degree of protection: IP68
- Insulation: Class F
- Max. Ambient temperature: 350 °C
- Minimum cooling flow along the motor: 8cm/sec.
- Water pH: 6.5 - 8.0
- Maximum starts per hour: 30 times
- Maximum submerged depth: 100 meters
- Vertical or horizontal mounting position up to 2.2kW
- Motor protection by temperature compensated thermal relay and extra-quick trip overload
- Overload trip time: <10 seconds (when load is 5 times of rating current)
- Flat water-proof cable 4 × 2.0 mm<sup>2</sup> with separated earth wire
- Dimension: 19.2 × 6.2 mm<sup>2</sup>
- Length: 1.1-1.5m (0.25 - 3.0 kW); 2.3-2.5m (4.0 - 5.5kW); 2.8-3.0m (7.5kW)
- Products with special requirements by customers can be provided.



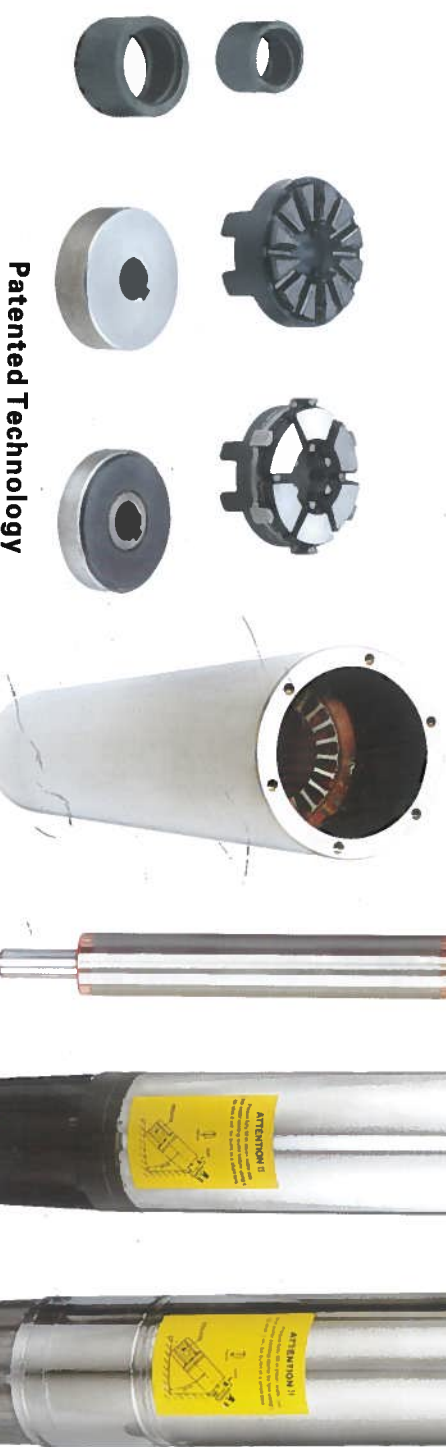
## 6" Water cooling submersible MOTOR

### 6" Water Cooling Motor Three-phase 380/415V 50Hz

NO.	Type	kW	HP	Current (A)	cosφ	rpm	L(mm)	W(Kg)
1	MS150-5.5	5.5	7.5	13.2	0.82	2860	780	46
2	MS150-7.5	7.5	10	17.2	0.84	2860	800	50
3	MS150-9.2	9.2	12.5	20.8	0.85	2860	830	54
4	MS150-11	11	15	24.6	0.85	2860	855	57
5	MS150-13	13	17.5	27.0	0.86	2870	885	62
6	MS150-15	15	20	31.0	0.86	2870	968	67
7	MS150-18.5	18.5	25	38.5	0.86	2880	1018	74
8	MS150-22	22	30	44	0.87	2880	1068	79
9	MS150-26	26	35	53.5	0.88	2880	1113	84
10	MS150-30	30	40	60	0.88	2880	1168	90
11	MS150-37	37	50	74	0.89	2880	1200	105

#### MATERIAL:

1. Stainless steel 304 or cast iron flange upper bracket
2. Copper or cast aluminium bar rotor
3. 304 SS outer shell , cold rolled silicon stator and rotor
4. Thrust bearing made of special material
5. Cast iron or stainless steel 304 upper bracket and low support



## 6" Water cooling submersible MOTOR

# 6"



MS series of water cooling submersible motor is a new product made by our company. It has the advantages of high efficiency, energy saving and environment friendly.

#### Characters

- Meet the requirements of Standard IEC34-1 with sealed water cooling lubricated design, non-pollution.
- The dimension of flange and spline meet the requirements of NEMA standard (USA National Electrical Manufacturing Association).
- The outer shells of motor and the shafts are made of stainless steel as well as the fixings. Other parts are rust-proof.
- The main bearing that the thrust bearing have the character of anti wearing and undertake higher thrust load.
- With anti-sand installation and reformed butyl-rubber pressure equilibrium membrane.

#### Properties:

- Power: Three-phase, 5.5kW-37kW.
- Voltage and frequency: Three-phase, 380V/460V, 50/60Hz.
- Protection device class: IP68.
- Maximum starts per hour: 30 times
- Surrounding water temperature should not be higher than 30°C.
- The content of solid should not be higher than 0.01%.
- pH value of water: 6.5-8.
- Thrust load: 15,500N for at or under 15kW;
- 30000N for 18.5kW to 37kW.
- Flat cable with individual ground wire: 3X6.0mm<sup>2</sup> or 3X10.0mm<sup>2</sup> waterproof connect cable. Cable length: 1.5-4 m

