

6" OIL COOLING SUBMERSIBLE MOTOR



Single-phase 220/230V 50Hz

Model	kW	HP	Current (A)	μF	cosΦ	rpm	L(mm)	W(Kg)
M150S-3.0	3	4	19.3	70	0.98	2850	648	-
M150S-4.0	4	5.5	23.3	100	0.93	2850	678	-
M150S-5.5	5.5	7.5	34.5	120	0.99	2850	713	-

Three-phase 380/415V 50Hz

Model	kW	HP	Current (A)	cosΦ	rpm	L(mm)	W(Kg)
M150-2.2	2.2	3	5.6	0.87	2850	603	26.1
M150-3.0	3	4	6.9	0.87	2850	623	26.1
M150-4.0	4	5.5	9.1	0.86	2850	648	28.4
M150-5.5	5.5	7.5	12.3	0.85	2850	678	31.1
M150-7.5	7.5	10	16.5	0.85	2850	713	34.4
M150-9.2	9.2	12.5	20.2	0.86	2850	753	38.1
M150-11	11	15	23.6	0.87	2860	788	41.4
M150-13	13	17.5	27.6	0.87	2860	818	44.2
M150-15	15	20	31.8	0.87	2860	868	58.3
M150-18.5	18.5	25	38.2	0.88	2860	898	61.4
M150-22	22	30	45.2	0.88	2860	938	69.4
M150-26	26	35	52	0.87	2860	993	77
M150-30	30	40	58	0.87	2860	1053	84
M150-37	37	50	72.5	0.87	2850	1118	92
M150-45	45	60	91.4	0.88	2850	1178	99.5

Material:

- High-quality cold-rolled silicon steel lamination.
- Mechanical seal.
- 220°C-resistant lacquer-coated wires.
- High-quality bearing undertaking big thrust load.
- Copper bar rotor.
- Brass alloy or electrophoretic cast-iron or stainless steel 304 upper bracket.

Characters

- Meet the requirements of Standard IEC34-1 with fully sealed shaft.
- 6 inches NEMA standard flange connector.
- Swedish angular contact ball thrust bearing equally divides more axial load.
- With stainless steel shaft, Italian mechanical seals.
- With sand guard, reinforced butyl rubber diaphragm pressure balance device.

Properties

- Power: Single-phase: 3kW-5.5kW, Three-phase: 2.2kW-45kW
- Voltage: Single-phase: 220/230V (-6% + 10%) or 230/240V (+6% - 10%) 50Hz
Three phase, 230/400V ±10%, 50Hz direct start
- Thrust load: 6100N (3kW - 13kW)
13000N (15kW - 45kW)
- Protection device class: IP68
- Insulation: Class F
- Maximum temperature: 35°C
- Minimum water flux through motor: 16cm/s
- pH value of water: 6.5 - 8.0
- Maximum starts per hour: 20 times
- Oil lubricated
- Operates both vertical and inclined

