

4" OIL COOLING SUBMERSIBLE MOTOR



Single-phase 220/230V 50Hz

Model	kW	HP	Current (A)	μF	cosΦ	rpm	L(mm)	W(Kg)
M95S-0.37	0.37	0.5	3.6	20	0.93	2850	316	7.2
M95S-0.55	0.55	0.75	4.8	25	0.94	2850	336	8.1
M95S-0.75	0.75	1	6.3	35	0.95	2850	361	9.1
M95S-0.92	0.92	1.25	7	40	0.98	2830	376	9.3
M95S-1.1	1.1	1.5	8.6	45	0.96	2850	391	10.5
M95S-1.3	1.3	1.75	9	50	0.99	2830	411	10.1
M95S-1.5	1.5	2	10	55	0.97	2850	435	12
M95S-1.8	1.8	2.5	12	65	0.99	2830	455	12.9
M95S-2.2	2.2	3	14	70	0.97	2850	480	14.1
M95S-2.6	2.6	3.5	17	80	0.99	2830	510	-
M95S-3.0	3	4	20	80	0.97	2850	519	17.1
M95S-4.0	4	5.5	27	120	0.97	2850	646	23.3
M95S-5.5	5.5	7.5	35.3	130	0.96	2850	696	26.4

Three-phase 380/415V 50Hz

Model	kW	HP	Current (A)	cosΦ	rpm	L(mm)	W(Kg)
M95-0.55	0.55	0.75	1.7	0.8	2850	366	8
M95-0.75	0.75	1	2.2	0.81	2850	386	8.5
M95-0.92	0.92	1.25	2.7	0.79	2780	396	8.1
M95-1.1	1.1	1.5	2.9	0.82	2850	406	9.4
M95-1.3	1.3	1.75	3.6	0.79	2780	426	-
M95-1.5	1.5	2	3.9	0.82	2850	441	11
M95-1.8	1.8	2.5	4.8	0.78	2800	471	-
M95-2.2	2.2	3	5.6	0.83	2850	501	13.8
M95-2.6	2.6	3.5	6.8	0.81	2820	531	-
M95-3.0	3	4	7.3	0.83	2850	561	18.6
M95-4.0	4	5.5	9.5	0.83	2850	601	20.2
M95-5.5	5.5	7.5	13	0.85	2850	721	25.2
M95-7.5	7.5	10	16.9	0.85	2850	841	31.3
M95-9.2	9.2	12.5	21	0.85	2850	881	33.7

Characters

- Conform to international standard of IEC34-1, CE, whole bloked asynchronous motor with squireel cage rotor.
- Outer shell, shaft and bottom made of stainless steel 304.
- Brass alloy, electrophoretic cast-iron or stainless steel 304 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 butly 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: 0.37kW-5.5kW, Three-phase: 0.55kW-9.2kW
- Voltage: Single-phase: 220/230V (-6% + 10%) or 230/240V (+6% - 10%) 50Hz
Three-phase: 230V or 400V ± 10% 50Hz
- Thrust load: 1500N (0.37kW - 0.75kW)
2500N (1.1kW - 2.2kW)
4500N (3.0kW - 9.2kW)
- Degree of protection: IP68
- Insulation: Class F
- Max.Ambient temperature: 35°C
- Minimum colling flow alongs the motor: 8cm/sec.
- Water pH: 6.5 - 8.0
- Maximum starts per hour: 20 times
- Maximum submerged depth: 100 meters
- Vertical or horizontal mountings position up to 2.2kW
- Motor protection by temperature compensted thermal relay and extra-quick trip overload
- Overload trip time: <10 seconds (when load is 5 times of rating current)
- Products with special requirements by customers can be provided.
- Oil lubricated
- Operates both vertical and inclined