

4 INCH ENCAPSULATED PREMIUM MOTOR

MOTOR PERFORMANCE DATA SINGLE PHASE 60HZ

SUBMERSIBLE MOTORS			
Material	Stainless Steel 304/316	Rating	0.37 kW - 7.5 kW
Type	Encapsulated	Thrust Rating	1500 - 6500 N

SINGLE PHASE MOTOR SPECIFICATION (60 HZ) 3450 RPM

RATING					FULL LOAD		MAXIMUM LOAD		WINDING (1) RES. IN OHMS	EFFICIENCY %		POWER FACTOR %		LOCKED ROTOR AMPS
[HP]	[KW]	VOLTS	HZ	S.F.	(2) AMPS	WATTS	(2) AMPS	WATTS	M= MAIN RES. S=START RES.	S.F.	F.I.	S.F.	F.I.	
0.5	0.37	230	60	1.6	Y= 3.5	720	Y=3.85	960	M 4.7-5.7	62	52	73	0.89	23
					B= 4.0		B=4.40		S 9.4-11.6					
					R= 2.1		R=2.31							
0.75	0.55	230	60	1.5	Y= 6.7	1110	Y=7.37	1310	M 2.7-3.3	64	51	74	0.78	34.2
					B= 5.8		B=6.38		S 7.2-8.8					
					R= 2.6		R=2.86							
1.0	0.75	230	60	1.4	Y= 7.3	1200	Y=8.03	1600	M 2.8-3.5	65	63	74	0.77	41.8
					B= 4.9		B=5.39		S 5.9-7.26					
					R= 2.3		R=2.53							
1.5	1.1	230	60	1.3h	Y= 8.7	1740	Y=9.57	2080	M 1.9-2.4	70	65	85	0.87	51.4
					B= 8.4		B=9.24		S 3.6-4.4					
					R= 1.8		R=1.98							
2.0	1.5	230	60	1.25	Y= 10.0	2025	Y= 11.0	2555	M 1.8-2.3	73	68	95	0.99	53.1
					B= 9.3		B=10.23		S 5.5-7.2					
					R= 2.6		R=2.86							
3.0	2.2	230	60	1.15	Y= 16.5	3560	Y= 18.15	3400	M 1.1-1.4	75	63	99	0.94	83.4
					B= 15.3		B=16.83		S 2.2-2.7					
					R= 5.4		R=5.94							
5.0	3.7	230	60	1.15	Y= 23.0	4830	Y= 25.3	5500	M 0.71-0.82	78	77	100	0.98	129
					B= 15.9		B=17.49		S 1.8-2.2					
					R= 11.0		R=12.1							

(1) Main winding - yellow to black
Start winding - yellow to red

(2) Y= Yellow lead -line amps
B= Black lead - main winding amps
R= Red lead - start or auxillary winding amps.