



**4 INCH ENCAPSULATED PREMIUM MOTOR**

**MOTOR PERFORMANCE DATA THREE PHASE 60HZ**

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

**THREE PHASE MOTOR SPECIFICATION (60 HZ) 3450 RPM**

RATING					FULL LOAD		MAXIMUM LOAD		LINE TO LINE RESISTANCE IN OHMS	EFFICIENCY %		LOCKED ROTOR AMPS
[HP]	[KW]	VOLTS	HZ	S.F.	AMPS	WATTS	AMPS	WATTS		S.F.	F.I.	
0.5	0.37	230	60	1.6	2.4	585	2.9	860	9.5-10.9	70	64	15.2
		380			1.4	585	2.1	860	23.2-28.6	70	64	9.2
		460			1.1	644	1.5	860	38.4-44.1	70	58	7.2
0.75	0.55	230	60	1.5	3.1	810	3.8	1150	6.8-7.8	73	69	21.4
		380			1.9	810	2.5	1150	16.6-20.3	73	69	13.0
		460			1.1	810	1.9	1150	27.2-30.9	73	66	10.7
1	0.75	230	60	1.4	3.9	1070	4.7	1440	4.9-5.6	72	70	26.9
		380			2.3	1070	2.8	1440	12.2-14.9	72	70	16.3
		460			2	1212	2.4	1440	19.9-23.0	72	63	13.5
1.5	1.1	230	60	1.3	5	1460	5.9	1890	3.2-4.0	76	76	33.2
		380			3	1460	3.6	1890	8.5-10.4	76	76	20.1
		460			3	1760	3.1	1890	13-16	76	65	16.6
2	1.5	230	60	1.25	6.7	1960	8.1	2430	2.3-3	76	76	45
		380			4.1	1960	4.9	2430	6.6-8.2	76	76	26.6
		460			4.1	2304	4.1	2430	9.2-12	76	67	22.5
3	2.2	230	60	1.15	9.5	2920	10.9	3360	1.8-2.2	77	77	60.3
		380			5.8	2920	6.6	3360	4.7-6	77	77	37.5
		460			5.3	3120	5.5	3360	7.2-8.8	77	71	31
5	3.7	230	60	1.15	15.9	4800	17.8	5500	0.91-1.1	78	78	102
		380			9.6	4800	10.8	5500	2.6-3.2	78	78	60.2
		460			8.5	5240	8.9	5500	3.6-4.4	78	71	53.7
7.5	5.5	230	60	1.15	23	7150	26.4	8200	0.60-0.70	78	78	152
		380			13.9	7150	16	8200	1.6-2.0	78	78	92.7
		460			12.2	7540	13.2	8200	2.3-2.8	78	73	83.8
10	7.5	230	60	1.15	31.2	10500	34.6	11400	0.50-0.60	75	75	234
		380			19.3	10000	21	11400	1.2-1.6	75	75	140
		460			17	10120	17.3	11400	1.8-2.3	75	74	116