



MOTOR PERFORMANCE DATA

Model: **6" 2P Submersible Motor**

WATER	Type	15	HP	19	AMPS	Date: 23/06/2014 15 HP 3455 RPM 320 mm Stack
3	Phase	460	Volt	3455	RPM	
1.15	S.F.	30Deg.C	Max.Amb.Water	60	Hertz	
				2270	Kg Thrust Load	

			Load	KW out	HP	KW in	EFF	P.F.	RPM	AMPS
Full Load Torque	31	Nm	No Load	0	0	0.6	0	0.09	3600	7.8
Break Down Torque	86	Nm	25%	2.8	3.7	3.5	79.6	0.50	3564	8.7
Locked Rotor Torque	59	Nm	50%	5.5	7.4	6.4	85.5	0.72	3528	11.1
Locked Rotor Current	113	Amps	75%	8.3	11.1	9.6	86.1	0.82	3491	14.8
Winding Resistance	1.67	Ohms	100%	11.0	14.8	12.9	85.1	0.86	3455	18.8
Weight (With Water)	65	Kg (Approximate)	125%	13.8	18.4	16.5	83.1	0.88	3419	23.6

