



# MOTOR PERFORMANCE DATA

Model: **12" 2P Submersible Motor**

<b>WATER</b>	Type	400	HP	454	AMPS	<b>Date: 27/06/2014</b> <b>400 HP</b> <b>3525 RPM</b> <b>1200 mm Stack</b>
3	Phase	460	Volt	3525	RPM	
1.15	S.F.	30Deg.C	Max.Amb.Water	60	Hertz	
				4540	Kg Thrust Load	

			Load	KW out	HP	KW in	EFF	P.F.	RPM	AMPS
Full Load Torque	813	Nm	No Load	0	0	11		0.17	3600	86.8
Break Down Torque	2970	Nm	25%	75	101	88	85.1	0.75	3580	146.9
Locked Rotor Torque	1581	Nm	50%	150	201	166	90.4	0.87	3565	240.4
Locked Rotor Current	2723	Amps	75%	225	302	245	91.7	0.90	3545	343.8
Winding Resistance	0.02	Ohms	100%	300	402	327	91.8	0.91	3525	453.8
Weight (With Water)	950	Kg (Approximate)	125%	375	503	411	91.3	0.90	3505	570.2

