



MOTOR PERFORMANCE DATA

Model: **18" 4P Submersible Motor**

WATER	Type	400	HP	53	AMPS	Date: 4/07/2012 400 HP 1765 RPM 1050 mm Stack
3	Phase	4160	Volt	1765	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	1621	Nm	No Load	0	0	15	0	0.10	1800	20.5
Break Down Torque	5892	Nm	25%	75	101	91	82.6	0.50	1790	25.2
Locked Rotor Torque	2332	Nm	50%	150	201	169	89.0	0.71	1785	32.9
Locked Rotor Current	319	Amps	75%	225	302	248	90.8	0.81	1775	42.4
Winding Resistance	1.78	Ohms	100%	300	402	329	91.3	0.86	1765	53.2
Weight (With Water)	2020	Kg (Approximate)	125%	375	503	412	91.1	0.88	1760	65.0

