



MOTOR PERFORMANCE DATA

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

WATER	Type	550	HP	72	AMPS	Date: 4/07/2012 550 HP 1760 RPM 1200 mm Stack
3	Phase	4160	Volt	1760	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	2222	Nm	No Load	0	0	18	0	0.10	1800	24.4
Break Down Torque	7315	Nm	25%	103	137	123	83.5	0.55	1790	31.3
Locked Rotor Torque	2904	Nm	50%	205	275	229	89.5	0.75	1780	42.4
Locked Rotor Current	430	Amps	75%	308	412	338	91.1	0.84	1770	56.1
Winding Resistance	1.19	Ohms	100%	410	550	449	91.4	0.87	1760	71.6
Weight (With Water)	2320	Kg (Approximate)	125%	513	687	563	91.1	0.89	1750	88.3

