



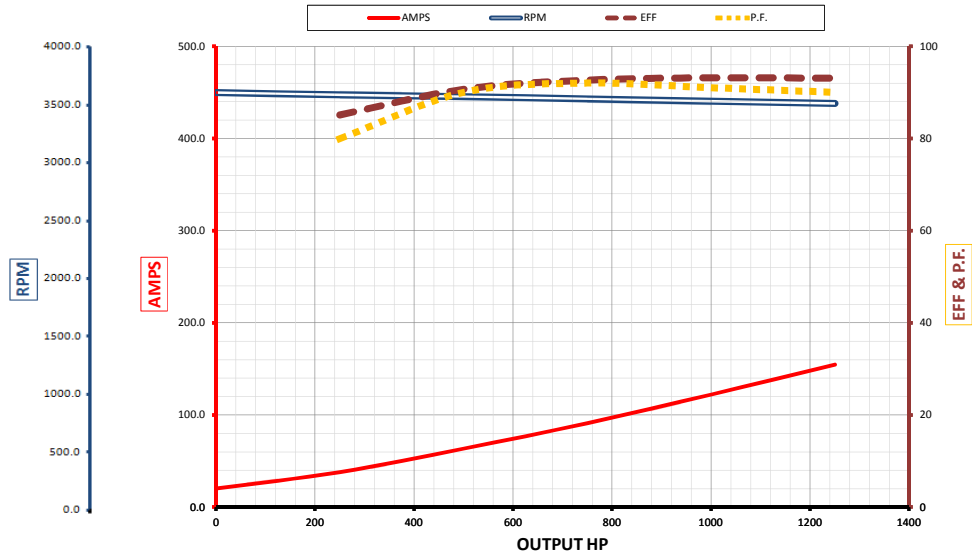
# MOTOR PERFORMANCE DATA

Model: **18" 2P Submersible Motor**

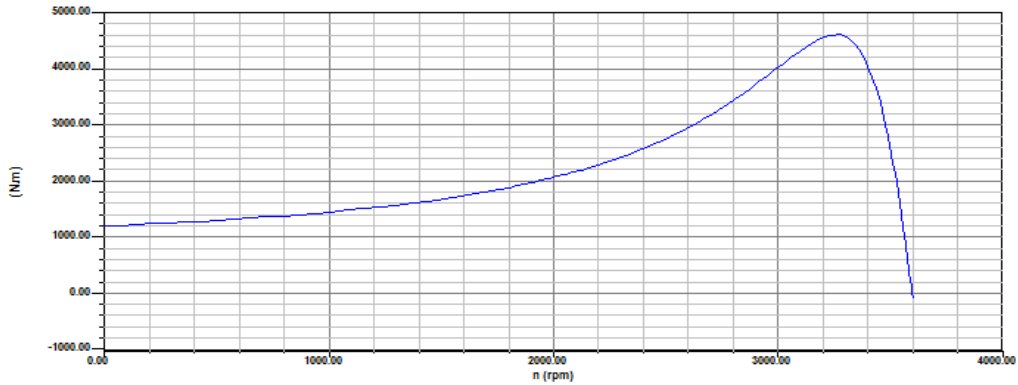
<b>WATER</b> Type	1000	HP	122	AMPS
3 Phase	4160	Volt	3525	RPM
1.15 S.F.	30Deg.C	Max.Amb.Water	60	Hertz
			4540	Kg Thrust Load

Date:	3/05/2012
1000	HP
3525	RPM
1300	mm Stack

			Load	KW out	HP	KW in	EFF	P.F.	RPM	AMPS
Full Load Torque	2020	Nm	No Load	0	0	31	0	0.21	3600	20.3
Break Down Torque	4607	Nm	25%	187	250	219	85.1	0.8	3580	38.1
Locked Rotor Torque	1222	Nm	50%	373	500	411	90.7	0.9	3565	63.5
Locked Rotor Current	554	Amps	75%	560	750	604	92.7	0.92	3545	91.2
Winding Resistance	0.26	Ohms	100%	746	1000	800	93.2	0.91	3525	122.2
Weight (With Water)	2600	Kg (Approximate)	125%	933	1251	1002	93.1	0.9	3505	154.6



OUTPUT TORQUE VS SPEED



ADDITIONAL INPUT WATTS DUE TO THRUST

