



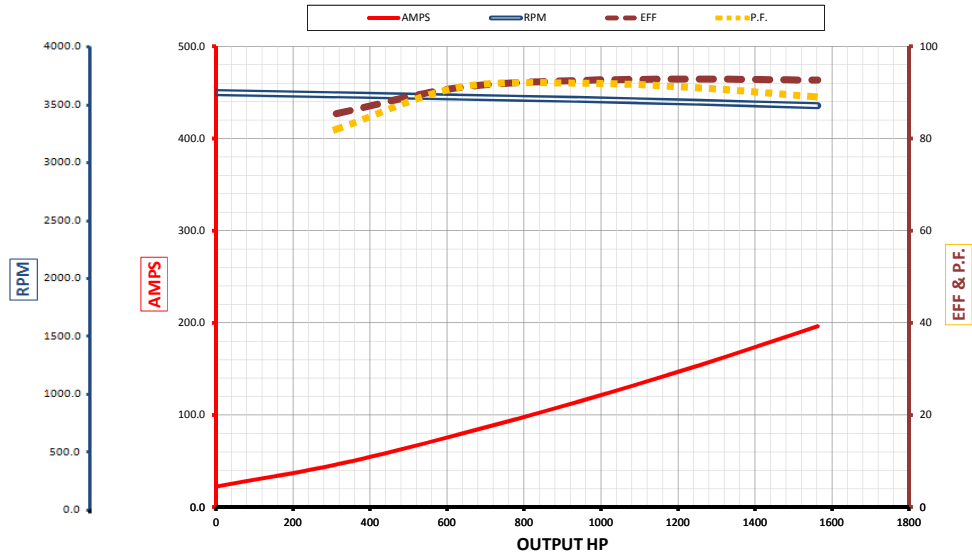
# MOTOR PERFORMANCE DATA

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

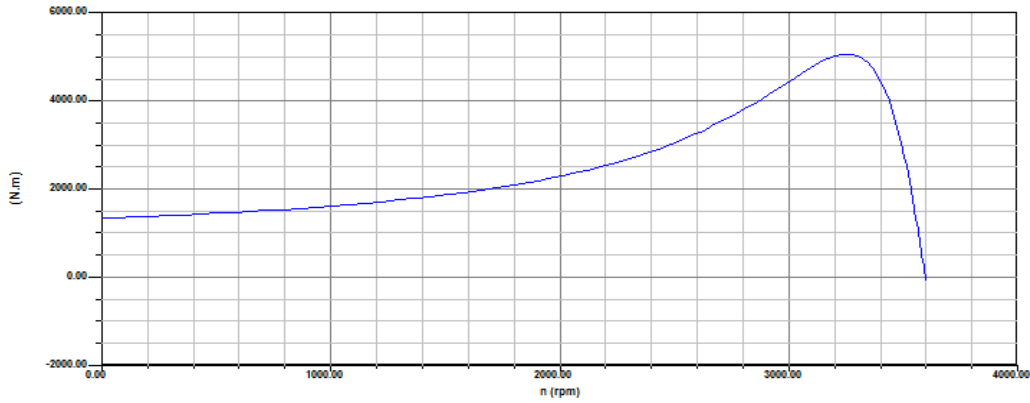
<b>WATER</b> Type	1250	HP	153	AMPS
3 Phase	4160	Volt	3515	RPM
1.15 S.F.	30Deg.C	Max.Amb.Water	60	Hertz
			4540	Kg Thrust Load

Date:	3/05/2012
1250	HP
3515	RPM
1400	mm Stack

			Load	KW out	HP	KW in	EFF	P.F.	RPM	AMPS
Full Load Torque	2532	Nm	No Load	0	0	37	0	0.23	3600	22.3
Break Down Torque	5069	Nm	25%	233	312	273	85.4	0.82	3580	46.2
Locked Rotor Torque	1350	Nm	50%	466	625	512	91	0.91	3560	78.2
Locked Rotor Current	610	Amps	75%	699	937	755	92.6	0.92	3540	114.0
Winding Resistance	0.22	Ohms	100%	932	1250	1003	92.9	0.91	3515	153.2
Weight (With Water)	2800	Kg (Approximate)	125%	1165	1562	1257	92.7	0.89	3485	196.2



OUTPUT TORQUE VS SPEED



ADDITIONAL INPUT WATTS DUE TO THRUST

