



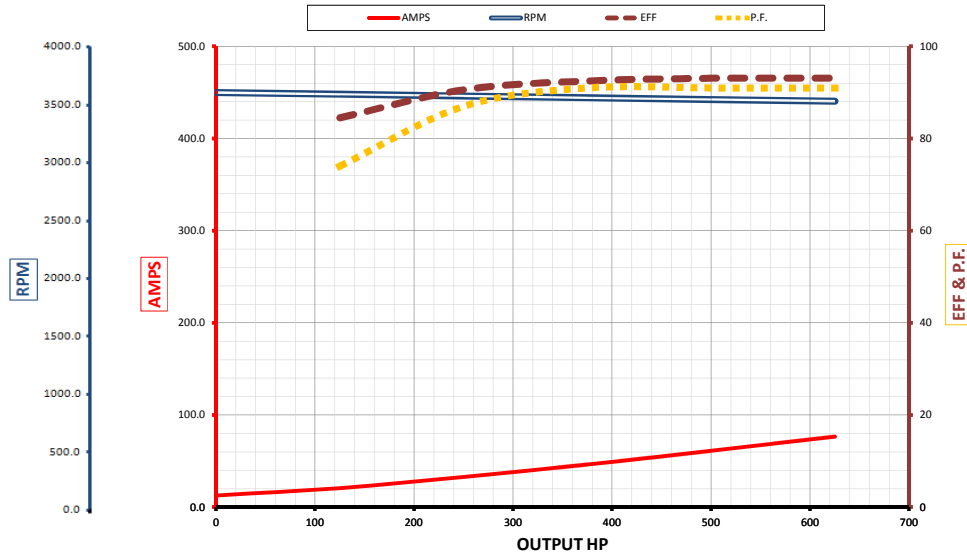
# MOTOR PERFORMANCE DATA

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

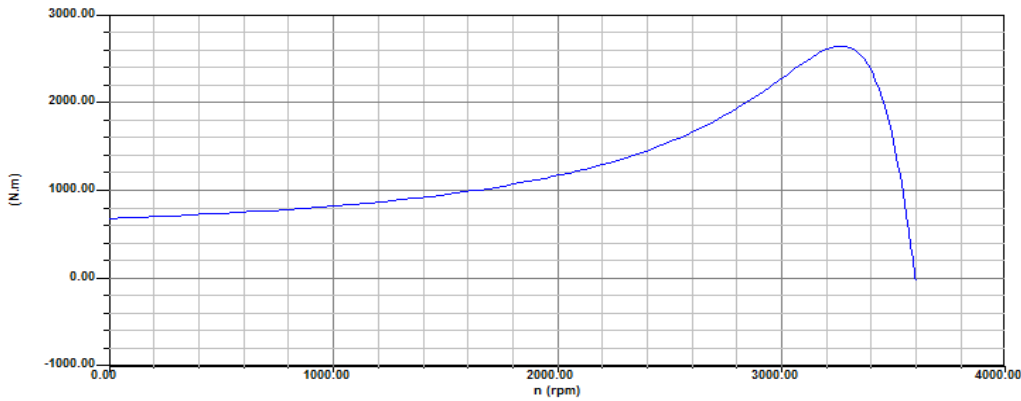
<b>WATER</b> Type	500	HP	61	AMPS
3 Phase	4160	Volt	3540	RPM
1.15 S.F.	30Deg.C	Max.Amb.Water	60	Hertz
			4540	Kg Thrust Load

Date:	30/04/2012
500	HP
3540	RPM
800	mm Stack

			Load	KW out	HP	KW in	EFF	P.F.	RPM	AMPS
Full Load Torque	1005	Nm	No Load	0	0	15	0	0.17	3600	12.6
Break Down Torque	2646	Nm	25%	93	125	110	84.5	0.74	3585	20.7
Locked Rotor Torque	684	Nm	50%	187	250	206	90.6	0.87	3570	32.9
Locked Rotor Current	322	Amps	75%	280	375	302	92.5	0.91	3555	46.2
Winding Resistance	0.74	Ohms	100%	373	500	401	93.1	0.91	3540	61.2
Weight (With Water)	1575	Kg (Approximate)	125%	466	625	501	93.1	0.91	3525	76.5



OUTPUT TORQUE VS SPEED



ADDITIONAL INPUT WATTS DUE TO THRUST

