



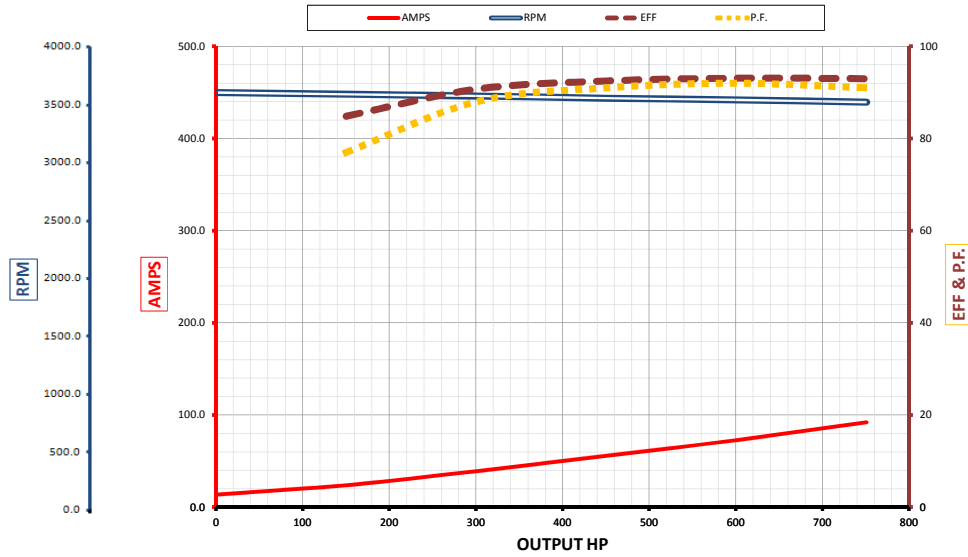
# MOTOR PERFORMANCE DATA

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

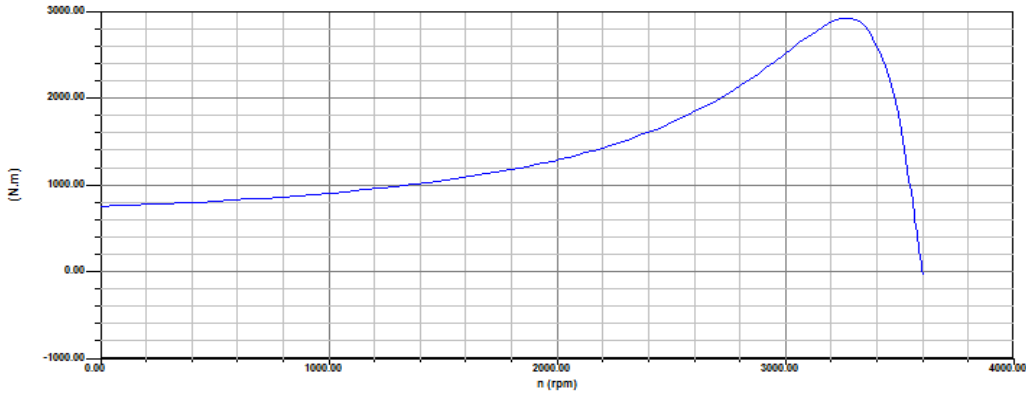
<b>WATER</b> Type	600	HP	73	AMPS
3 Phase	4160	Volt	3535	RPM
1.15 S.F.	30Deg.C	Max.Amb.Water	60	Hertz
			4540	Kg Thrust Load

Date:	30/04/2012
600	HP
3535	RPM
900	mm Stack

			Load	KW out	HP	KW in	EFF	P.F.	RPM	AMPS
Full Load Torque	1208	Nm	No Load	0	0	19	0	0.19	3600	13.6
Break Down Torque	2924	Nm	25%	112	150	132	84.8	0.77	3585	23.8
Locked Rotor Torque	760	Nm	50%	224	300	247	90.7	0.88	3570	39.0
Locked Rotor Current	355	Amps	75%	336	451	363	92.5	0.91	3550	55.5
Winding Resistance	0.6	Ohms	100%	448	601	481	93.1	0.92	3535	72.7
Weight (With Water)	1800	Kg (Approximate)	125%	560	751	602	93	0.91	3515	92.0



OUTPUT TORQUE VS SPEED



ADDITIONAL INPUT WATTS DUE TO THRUST

