



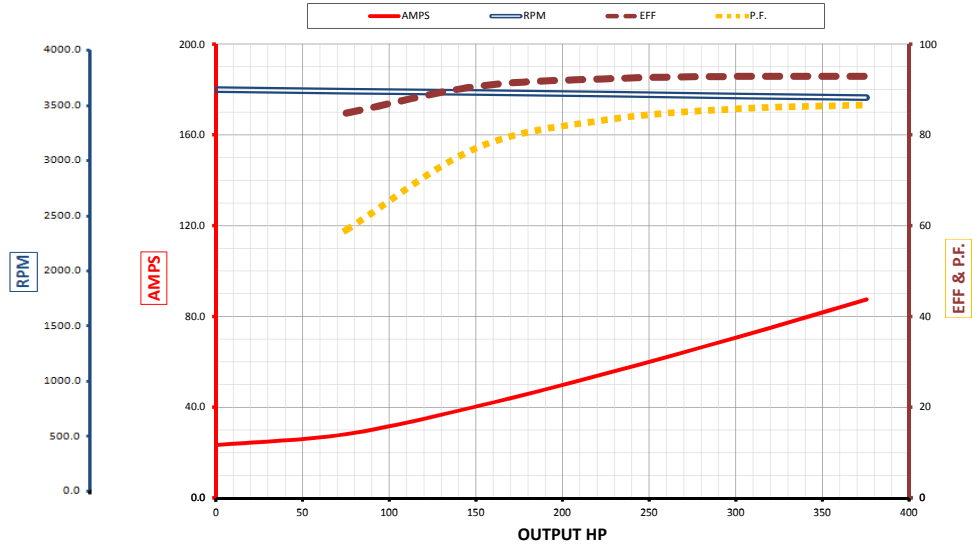
MOTOR PERFORMANCE DATA

Model: **12" 2P Submersible Motor**

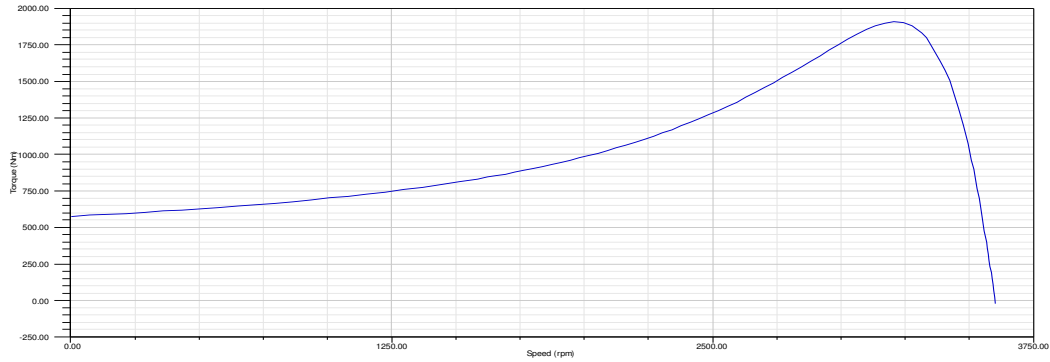
WATER	Type	300	HP	71	AMPS
3	Phase	2300	Volt	3545	RPM
1.15	S.F.	30Deg.C	Max.Amb.Water	60	Hertz
				4540	Kg Thrust Load

Date: 28/07/2014	
300	HP
3545	RPM
1050	mm Stack

			Load	KW out	HP	KW in	EFF	P.F.	RPM	AMPS
Full Load Torque	604	Nm	No Load	0	0	9	0	0.10	3600	23.3
Break Down Torque	1908	Nm	25%	56	75	66	84.8	0.59	3587	28.1
Locked Rotor Torque	579	Nm	50%	112	150	124	90.7	0.77	3574	40.3
Locked Rotor Current	424	Amps	75%	168	225	182	92.4	0.83	3560	54.9
Winding Resistance	0.48	Ohms	100%	224	300	241	92.9	0.86	3545	70.7
Weight (With Water)	850	Kg (Approximate)	125%	280	375	301	92.9	0.87	3530	87.5



OUTPUT TORQUE VS SPEED



ADDITIONAL INPUT WATTS DUE TO THRUST

