



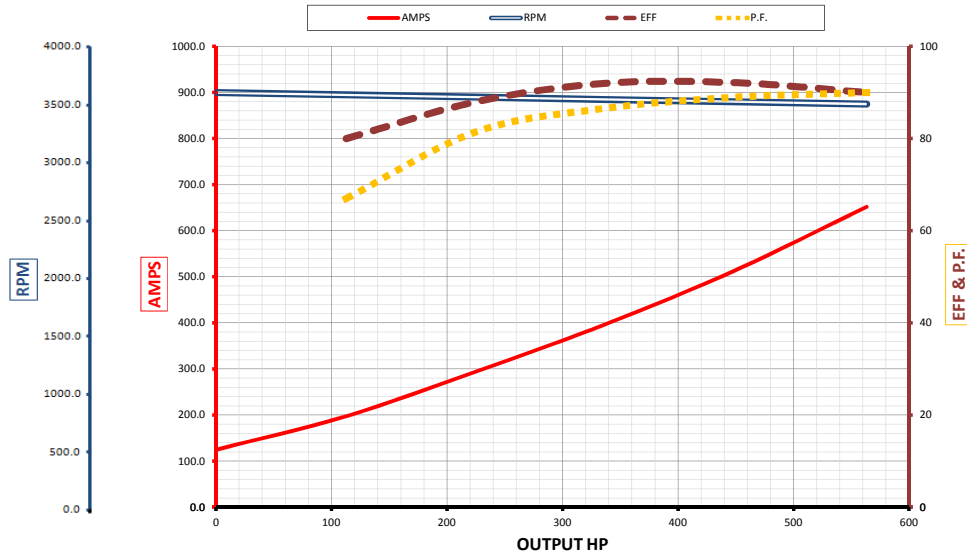
# MOTOR PERFORMANCE DATA

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

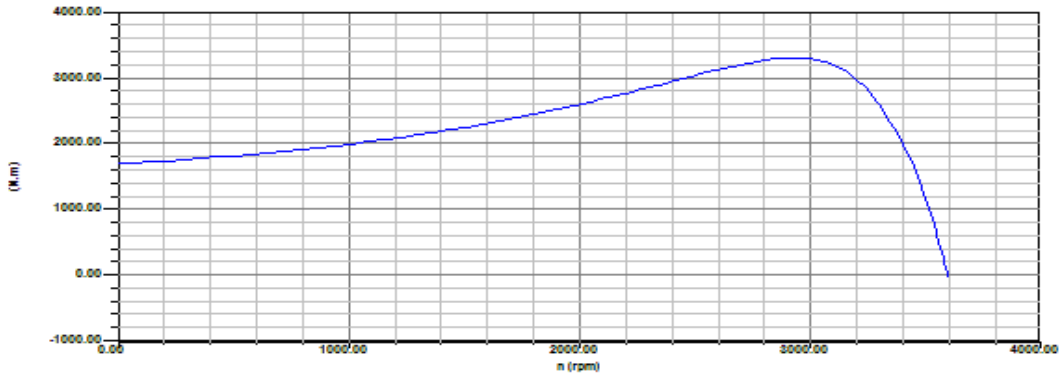
<b>WATER</b> Type	450	HP	515	AMPS
3 Phase	460	Volt	3520	RPM
1.15 S.F.	30Deg.C	Max.Amb.Water	60	Hertz
			4540	Kg Thrust Load

Date:	27/06/2014
450	HP
3520	RPM
1300	mm Stack

			Load	KW out	HP	KW in	EFF	P.F.	RPM	AMPS
Full Load Torque	911	Nm	No Load	0	0	5	0	0.05	3600	124.2
Break Down Torque	3310	Nm	25%	84	113	105	80.0	0.67	3580	196.9
Locked Rotor Torque	1700	Nm	50%	168	225	191	88.0	0.82	3560	294.3
Locked Rotor Current	3150	Amps	75%	252	338	274	92.0	0.87	3540	397.4
Winding Resistance	0.029	Ohms	100%	336	451	365	92.1	0.89	3520	515.1
Weight (With Water)	1050	Kg (Approximate)	125%	420	563	467	90.0	0.90	3500	651.6



OUTPUT TORQUE VS SPEED



ADDITIONAL INPUT WATTS DUE TO THRUST

