

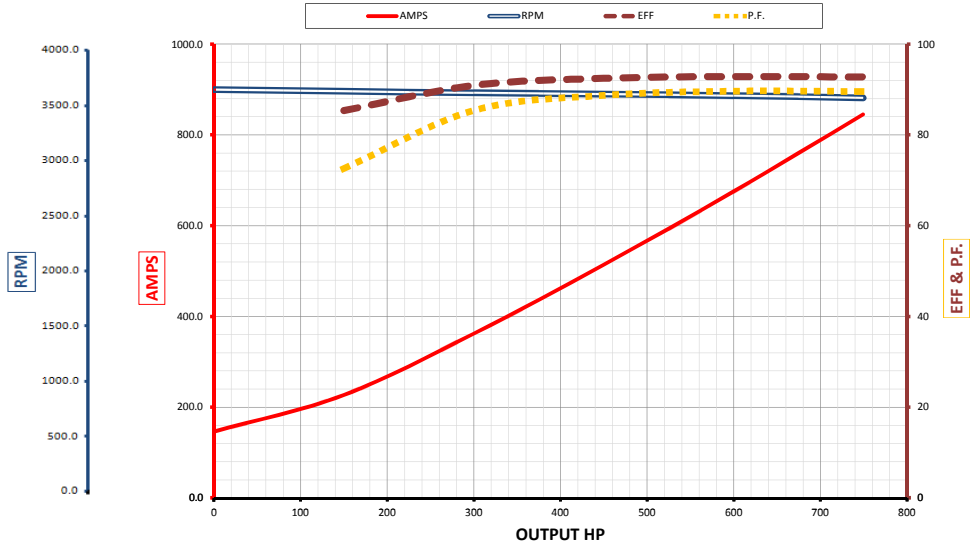


# MOTOR PERFORMANCE DATA

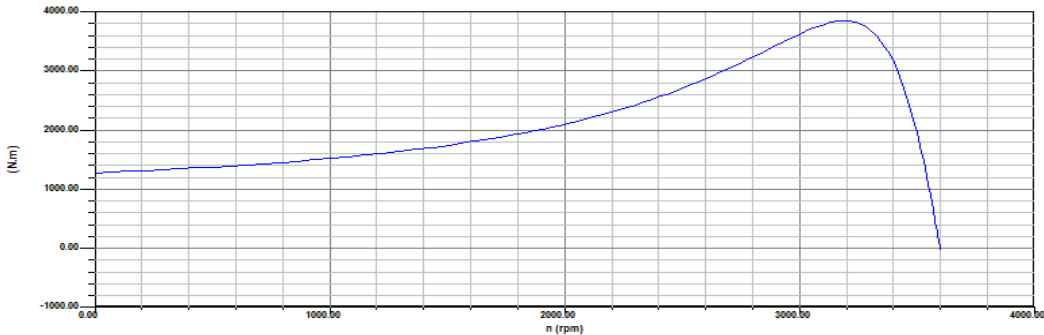
Model: **14" 2P Submersible Motor**

<b>WATER</b>	Type	600	HP	675	AMPS	<b>Date: 1/07/2014</b> <b>600 HP</b> <b>3545 RPM</b> <b>1200 mm Stack</b>
<b>3</b>	Phase	460	Volt	3545	RPM	
<b>1.15</b>	S.F.	30Deg.C	Max.Amb.Water	60	Hertz	
				4540	Kg Thrust Load	

			Load	KW out	HP	KW in	EFF	P.F.	RPM	AMPS
Full Load Torque	1205	Nm	No Load	0	0	17	0	0.14	3600	146.0
Break Down Torque	3854	Nm	25%	112	150	131	85.4	0.73	3585	226.6
Locked Rotor Torque	1280	Nm	50%	224	300	246	90.9	0.85	3570	361.8
Locked Rotor Current	4048	Amps	75%	335	450	363	92.5	0.89	3560	513.5
Winding Resistance	0.011	Ohms	100%	447	599	481	92.9	0.90	3545	674.7
Weight (With Water)	1330	Kg (Approximate)	125%	559	749	602	92.8	0.90	3525	845.1



OUTPUT TORQUE VS SPEED



ADDITIONAL INPUT WATTS DUE TO THRUST

