

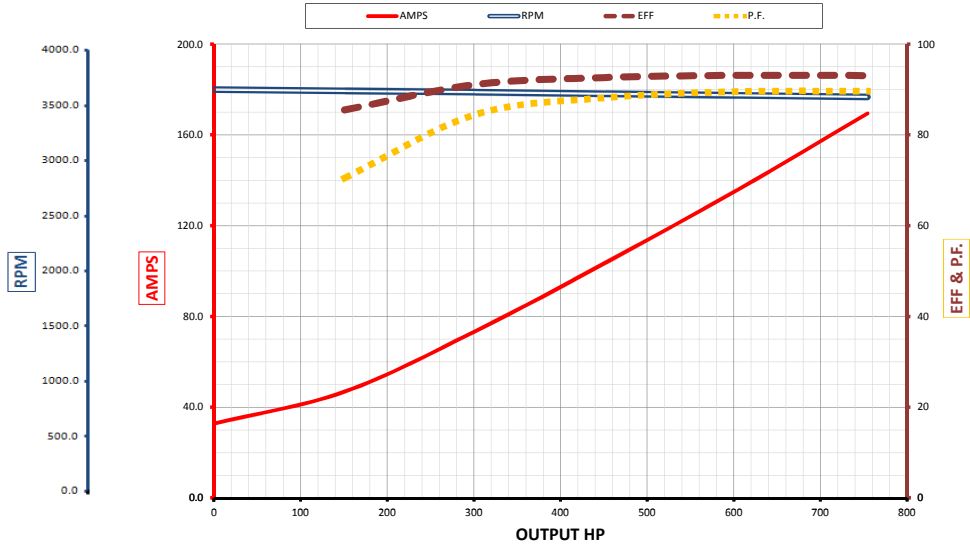


# MOTOR PERFORMANCE DATA

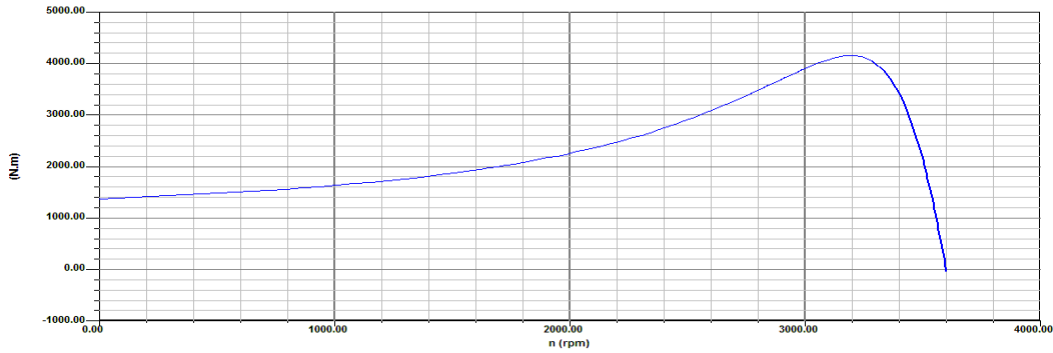
Model: **14" 2P Submersible Motor**

<b>WATER</b>	Type	600	HP	136	AMPS	<b>Date: 29/07/2014</b> <b>600 HP</b> <b>3550 RPM</b> <b>1300 mm Stack</b>
3	Phase	2300	Volt	3550	RPM	
1.15	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	1211	Nm	No Load	0	0	17		0.13	3600	32.8
Break Down Torque	4160	Nm	25%	113	151	132	85.5	0.70	3589	46.9
Locked Rotor Torque	1377	Nm	50%	225	302	247	91.1	0.84	3576	73.5
Locked Rotor Current	814	Amps	75%	338	453	364	92.7	0.88	3563	103.8
Winding Resistance	0.26	Ohms	100%	450	603	483	93.1	0.90	3550	135.6
Weight (With Water)	1460	Kg (Approximate)	125%	563	754	604	93.1	0.90	3535	169.4



OUTPUT TORQUE VS SPEED



ADDITIONAL INPUT WATTS DUE TO THRUST

