

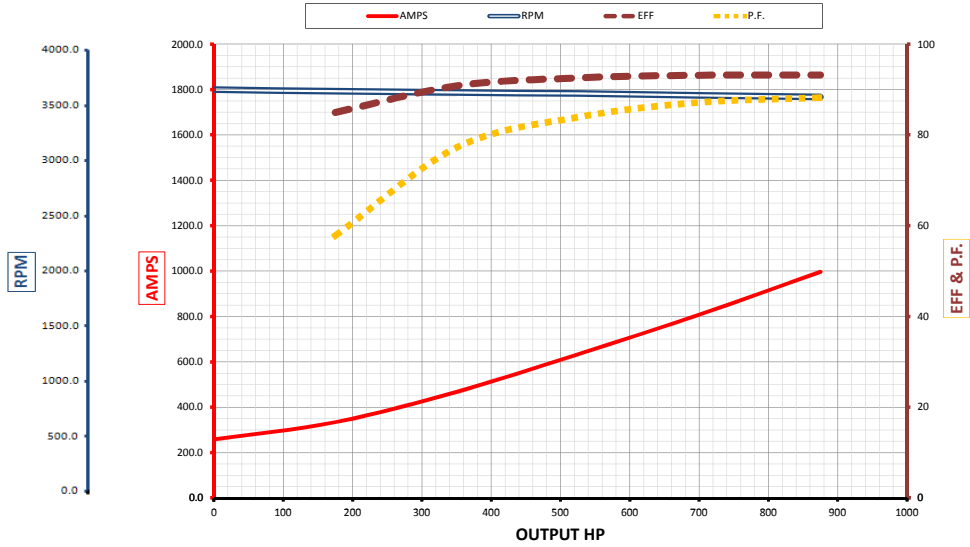


# MOTOR PERFORMANCE DATA

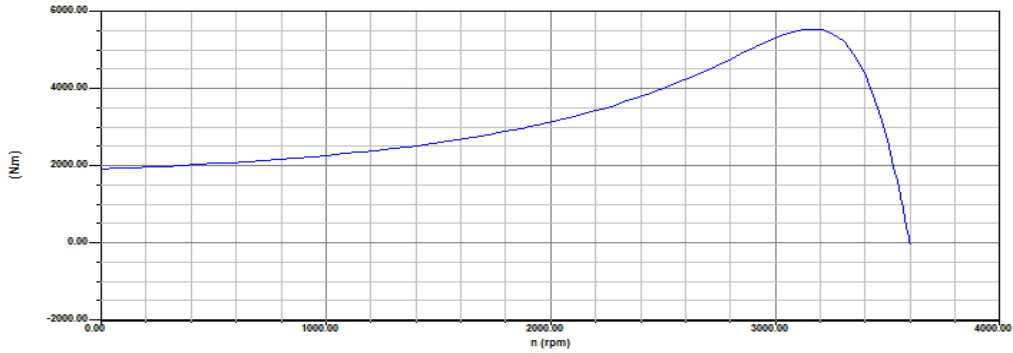
Model: **14" 2P Submersible Motor**

<b>WATER</b>	Type	700	HP	808	AMPS	<b>Date: 1/07/2014</b> <b>700 HP</b> <b>3550 RPM</b> <b>1300 mm Stack</b>
3	Phase	460	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	1404	Nm	No Load	0	0	18		0.09	3600	258.4
Break Down Torque	5537	Nm	25%	131	175	154	85.0	0.58	3585	333.8
Locked Rotor Torque	1918	Nm	50%	261	350	287	90.8	0.77	3575	467.6
Locked Rotor Current	4847	Amps	75%	392	525	423	92.6	0.84	3565	633.3
Winding Resistance	0.008	Ohms	100%	522	700	560	93.2	0.87	3550	807.8
Weight (With Water)	1450	Kg (Approximate)	125%	653	875	700	93.2	0.88	3535	996.6



OUTPUT TORQUE VS SPEED



ADDITIONAL INPUT WATTS DUE TO THRUST

