

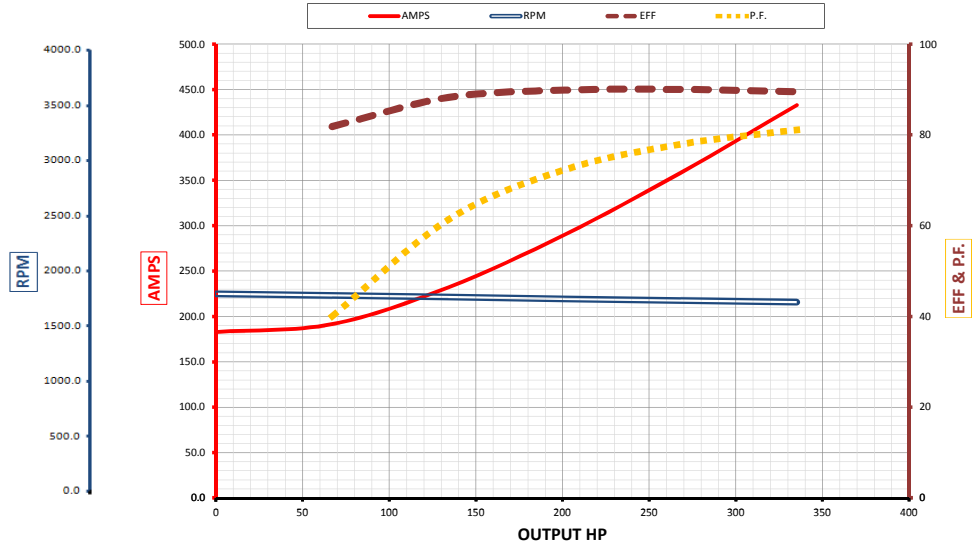


# MOTOR PERFORMANCE DATA

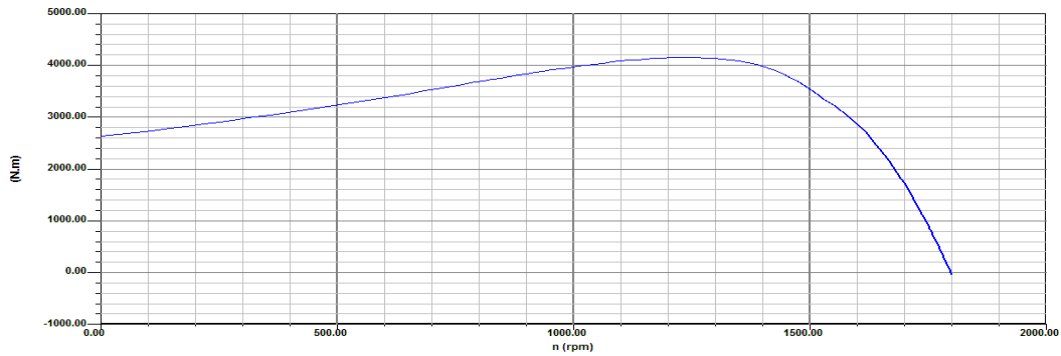
Model: **12" 4P Submersible Motor**

<b>WATER</b>	Type	270	HP	358	AMPS	<b>Date: 1/07/2014</b> 270 <b>HP</b> 1740 <b>RPM</b> 1300 <b>mm Stack</b>
3	Phase	460	Volt	1740	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	1098	Nm	No Load	0	0	8	0	0.06	1800	183.0
Break Down Torque	4151	Nm	25%	50	67	61	81.8	0.40	1785	191.7
Locked Rotor Torque	2631	Nm	50%	100	134	113	88.2	0.61	1770	232.2
Locked Rotor Current	2150	Amps	75%	150	201	167	89.8	0.72	1755	290.1
Winding Resistance	0.03	Ohms	100%	200	268	222	90.0	0.78	1740	358.3
Weight (With Water)	900	Kg (Approximate)	125%	250	335	279	89.5	0.81	1725	432.8



OUTPUT TORQUE VS SPEED



ADDITIONAL INPUT WATTS DUE TO THRUST

