

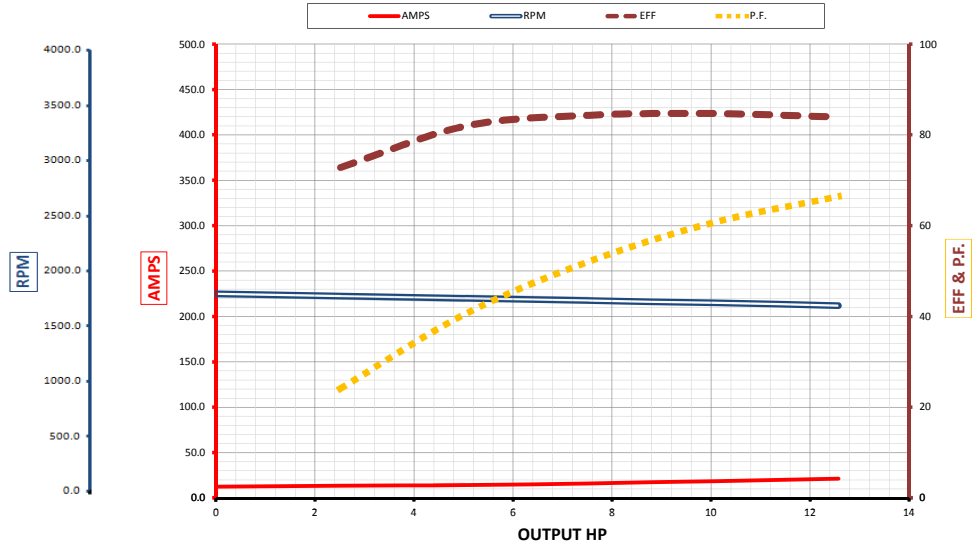


# MOTOR PERFORMANCE DATA

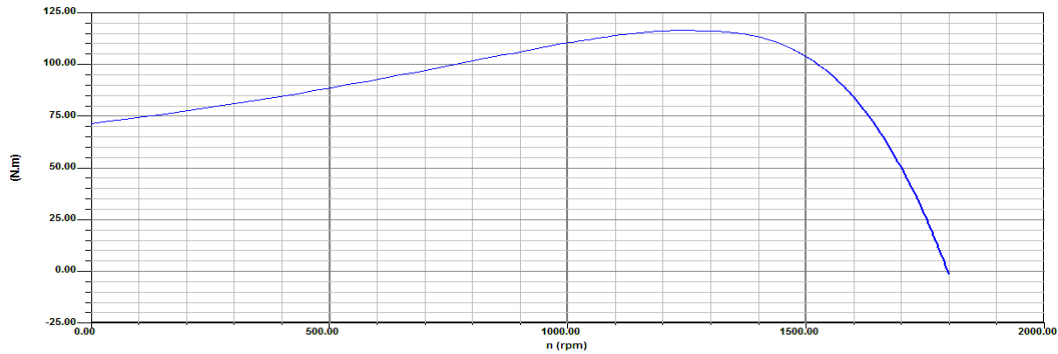
Model: **8" 4P Submersible Motor**

<b>WATER</b>	Type	10	HP	18	AMPS	<b>Date: 24/06/2014</b> <b>10 HP</b> <b>1720 RPM</b> <b>220 mm Stack</b>
3	Phase	460	Volt	1720	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	42	Nm	No Load	0	0	0.4	0	0.04	1800	12.6
Break Down Torque	116	Nm	25%	1.9	2.5	2.6	72.8	0.24	1780	13.5
Locked Rotor Torque	71	Nm	50%	3.8	5.0	4.6	81.9	0.40	1760	14.3
Locked Rotor Current	76	Amps	75%	5.6	7.5	6.7	84.3	0.52	1740	16.2
Winding Resistance	1.14	Ohms	100%	7.5	10.1	8.9	84.7	0.61	1720	18.4
Weight (With Water)	65	Kg (Approximate)	125%	9.4	12.6	11.2	83.9	0.66	1695	21.2



OUTPUT TORQUE VS SPEED



ADDITIONAL INPUT WATTS DUE TO THRUST

