

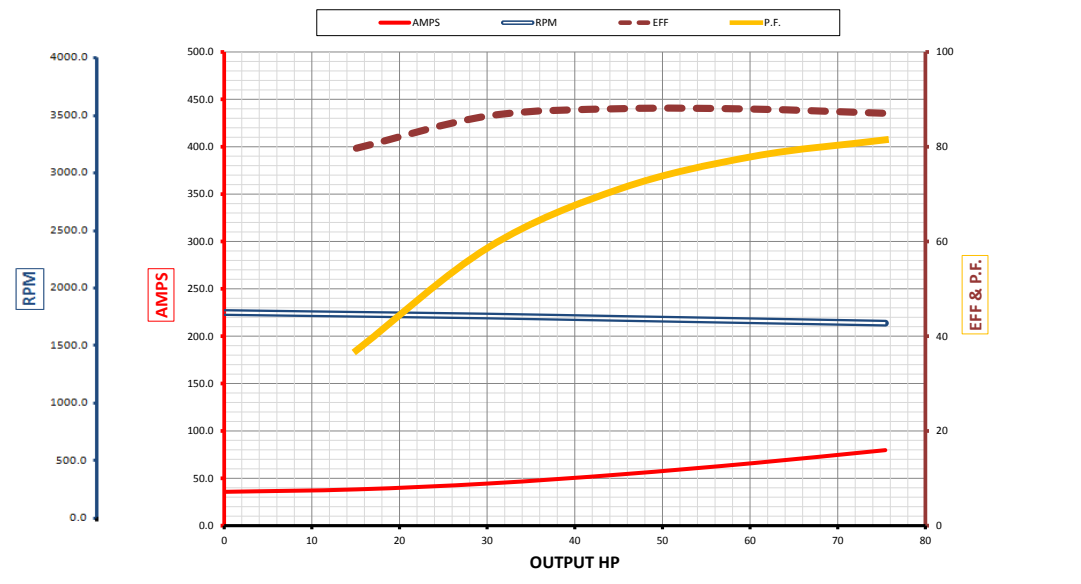


# MOTOR PERFORMANCE DATA

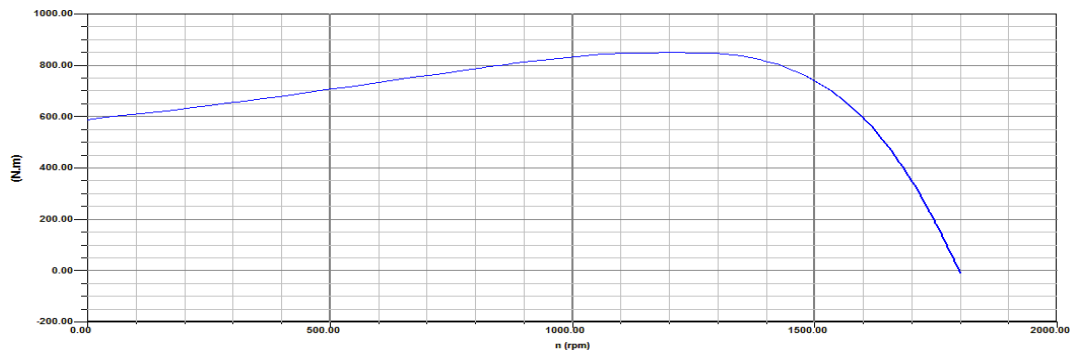
Model: **10" 4P Submersible Motor**

<u>WATER</u>	Type	<u>60</u>	HP	<u>66</u>	AMPS	<b>Date: 5/08/2015</b> <b>60 HP</b> <b>1730 RPM</b> <b>500 mm Stack</b>
<u>3</u>	Phase	<u>575</u>	Volt	<u>1730</u>	RPM	
<u>1.15</u>	S.F.	<u>30Deg.C</u>	Max.Amb.Water	<u>60</u>	Hertz	
				<u>4540</u>	Kg Thrust Load	

			Load	KW out	HP	KW in	EFF	P.F.	RPM	AMPS
Full Load Torque	<u>248</u>	Nm	No Load	0	0	3.0	0	0.09	1800	35.7
Break Down Torque	<u>850</u>	Nm	25%	11.3	15	14.1	79.7	0.37	1785	38.3
Locked Rotor Torque	<u>589</u>	Nm	50%	22.5	30	26.0	86.5	0.59	1770	44.5
Locked Rotor Current	<u>396</u>	Amps	75%	33.8	45	38.3	88.0	0.71	1750	54.1
Winding Resistance	<u>0.37</u>	Ohms	100%	45.0	60	51.2	87.9	0.78	1730	66.0
Weight (With Water)	<u>265</u>	Kg (Approximate)	125%	56.3	75	64.6	87.1	0.81	1710	79.7



OUTPUT TORQUE VS SPEED



ADDITIONAL INPUT WATTS DUE TO THRUST

