

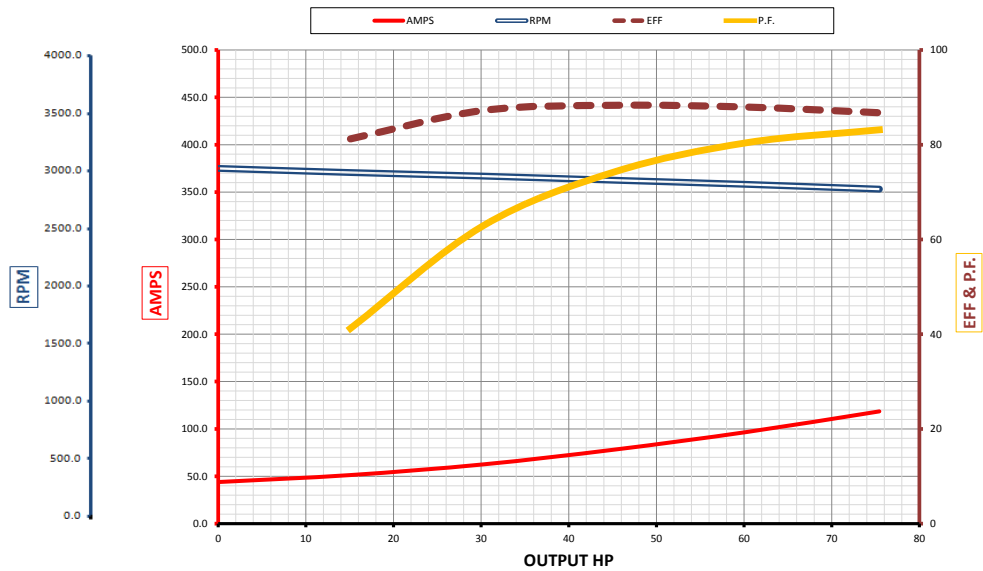


# MOTOR PERFORMANCE DATA

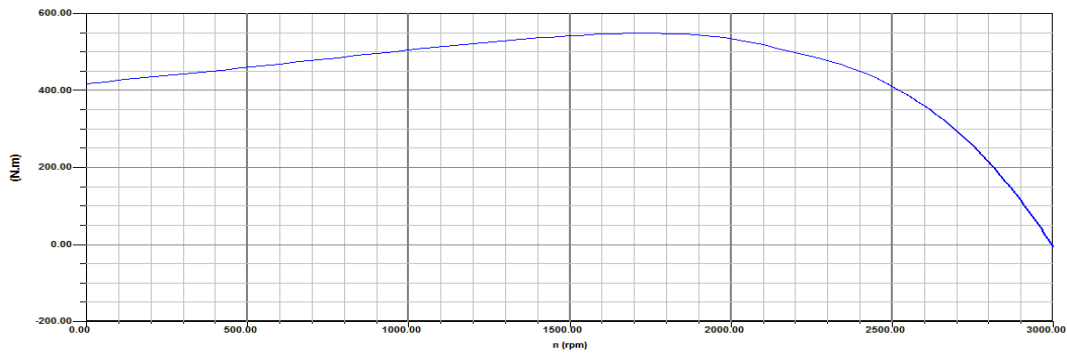
Model: **8" 2P Submersible Motor**

<u>WATER</u>	Type	<u>60</u>	HP	<u>97</u>	AMPS	Date: <b>7/09/2015</b> <b>60</b> HP <b>2865</b> RPM <b>50</b> Hertz <b>670</b> mm Stack
<u>3</u>	Phase	<u>380</u>	Volt	<u>2865</u>	RPM	
<u>1.15</u>	S.F.	<u>30Deg.C</u>	Max.Amb.Water	<u>50</u>	Hertz	
				<u>4540</u>	Kg Thrust Load	

			Load	KW out	HP	KW in	EFF	P.F.	RPM	AMPS
Full Load Torque	<u>150</u>	Nm	<b>No Load</b>	0	0	2.7	0	0.09	3000	43.9
Break Down Torque	<u>549</u>	Nm	25%	11.3	15	13.9	81.2	0.41	2965	51.3
Locked Rotor Torque	<u>418</u>	Nm	50%	22.5	30	25.8	87.2	0.63	2935	62.5
Locked Rotor Current	<u>581</u>	Amps	75%	33.8	45	38.2	88.3	0.74	2900	78.2
Winding Resistance	<u>0.16</u>	Ohms	100%	45.0	60	51.2	87.9	0.80	2865	96.8
Weight (With Water)	<u>180</u>	Kg (Approximate)	125%	56.3	75	64.8	86.8	0.83	2825	118.5



OUTPUT TORQUE VS SPEED



ADDITIONAL INPUT WATTS DUE TO THRUST

