

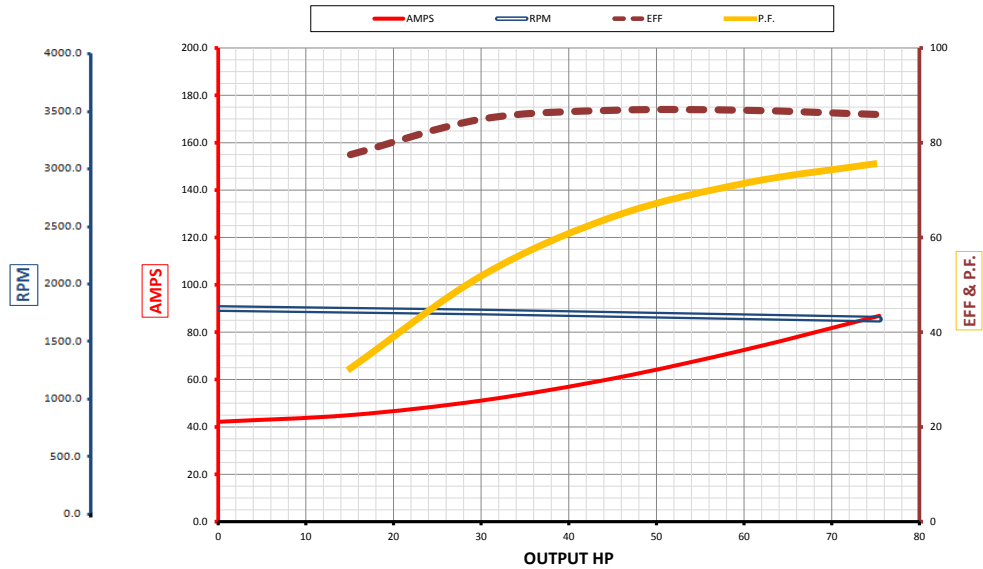


MOTOR PERFORMANCE DATA

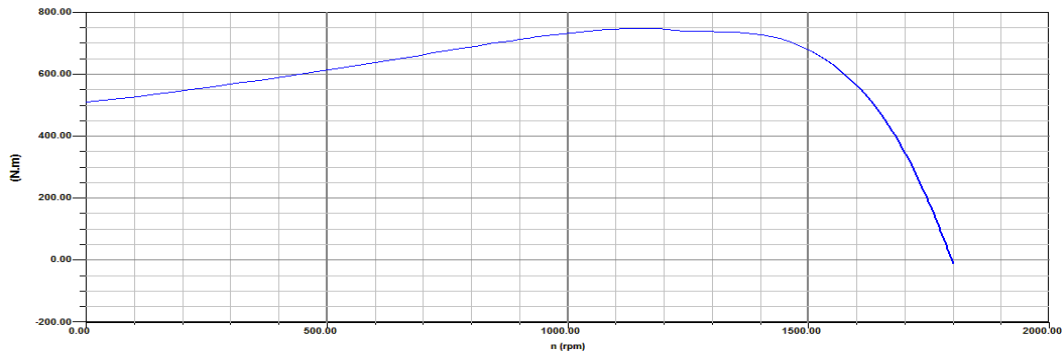
Model: **8" 4P Submersible Motor**

<u>WATER</u>	Type	<u>60</u>	HP	<u>73</u>	AMPS	Date: 5/08/2015 60 HP 1730 RPM 1000 mm Stack
<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	3.4	0	0.08	1800	42.2
Break Down Torque	<u>737</u>	Nm	25%	11.3	15	14.5	77.5	0.32	1785	45.0
Locked Rotor Torque	<u>510</u>	Nm	50%	22.5	30	26.5	85.0	0.52	1770	51.2
Locked Rotor Current	<u>405</u>	Amps	75%	33.8	45	38.9	86.9	0.65	1750	60.6
Winding Resistance	<u>0.39</u>	Ohms	100%	45.0	60	51.8	86.8	0.72	1730	72.8
Weight (With Water)	<u>280</u>	Kg (Approximate)	125%	56.3	75	65.4	85.9	0.76	1710	86.9



OUTPUT TORQUE VS SPEED



ADDITIONAL INPUT WATTS DUE TO THRUST

