

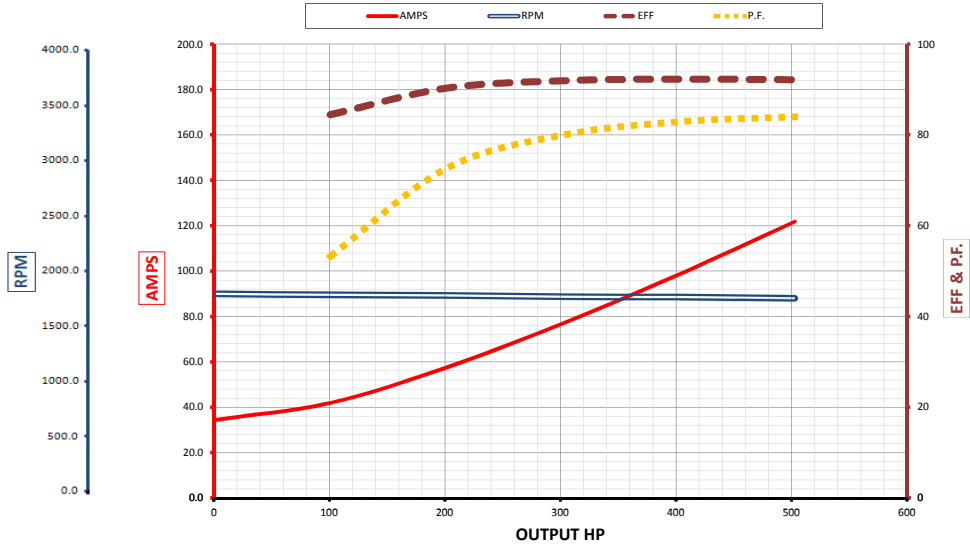


# MOTOR PERFORMANCE DATA

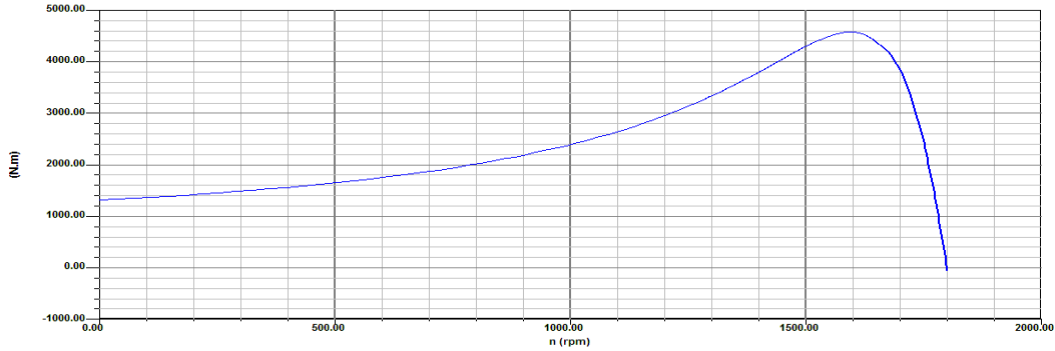
Model: **16" 4P Submersible Motor**

<b>WATER</b>	Type	<b>400</b>	HP	<b>99</b>	AMPS	<b>Date: 9/09/2014</b> <b>400 HP</b> <b>1770 RPM</b> <b>900 mm Stack</b>
<b>3</b>	Phase	<b>2300</b>	Volt	<b>1770</b>	RPM	
<b>1.15</b>	S.F.	<b>30Deg.C</b>	Max.Amb.Water	<b>60</b>	Hertz	
				<b>4540</b>	Kg Thrust Load	

			Load	KW out	HP	KW in	EFF	P.F.	RPM	AMPS
Full Load Torque	<b>1620</b>	Nm	No Load	0	0	15	0	<b>0.11</b>	<b>1800</b>	<b>34.3</b>
Break Down Torque	<b>4575</b>	Nm	25%	75	101	89	84.4	<b>0.53</b>	<b>1790</b>	<b>41.9</b>
Locked Rotor Torque	<b>1316</b>	Nm	50%	150	201	166	90.3	<b>0.73</b>	<b>1785</b>	<b>57.5</b>
Locked Rotor Current	<b>547</b>	Amps	75%	225	302	245	91.9	<b>0.80</b>	<b>1775</b>	<b>76.9</b>
Winding Resistance	<b>0.43</b>	Ohms	100%	300	402	325	92.3	<b>0.83</b>	<b>1770</b>	<b>98.5</b>
Weight (With Water)	<b>1300</b>	Kg (Approximate)	125%	375	503	407	92.1	<b>0.84</b>	<b>1760</b>	<b>121.8</b>



OUTPUT TORQUE VS SPEED



ADDITIONAL INPUT WATTS DUE TO THRUST

