

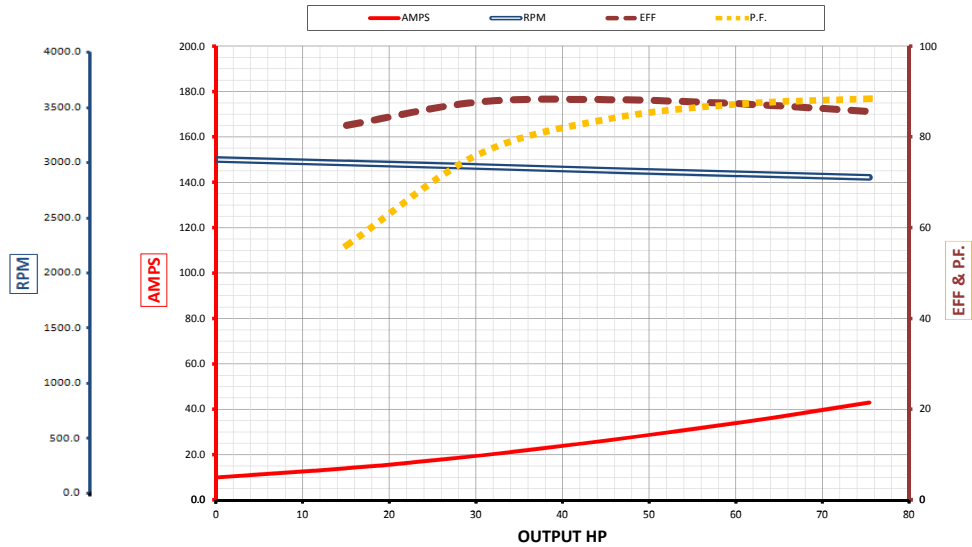


# MOTOR PERFORMANCE DATA

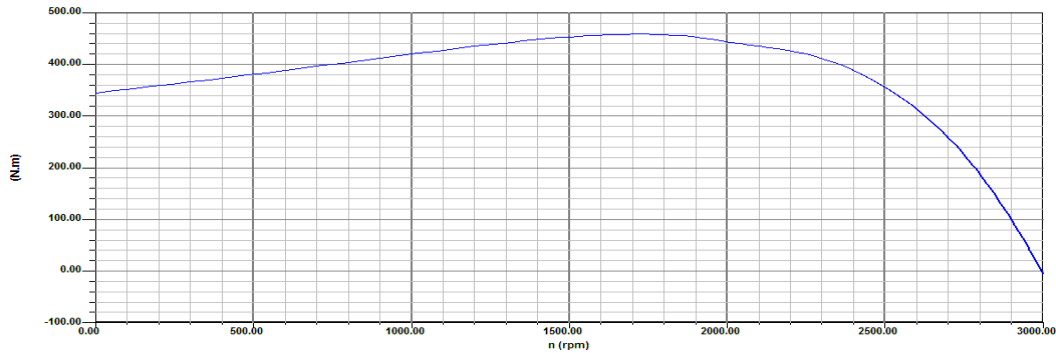
Model: **8" 2P Submersible Motor**

<b>WATER</b>	Type	<b>60</b>	HP	<b>34</b>	AMPS	<b>Date: 14/11/2013</b> <b>60 HP</b> <b>2875 RPM</b> <b>670 mm Stack</b>
<b>3</b>	Phase	<b>1000</b>	Volt	<b>2875</b>	RPM	
<b>1.15</b>	S.F.	<b>30Deg.C</b>	Max.Amb.Water	<b>50</b>	Hertz	
				<b>4540</b>	Kg Thrust Load	

			Load	KW out	HP	KW in	EFF	P.F.	RPM	AMPS
Full Load Torque	<b>151</b>	Nm	<b>No Load</b>	0.0	<b>0.0</b>	<b>2</b>	<b>0</b>	<b>0.12</b>	<b>3000</b>	<b>10.0</b>
Break Down Torque	<b>459</b>	Nm	<b>25%</b>	11.3	<b>15.1</b>	<b>14</b>	<b>82.5</b>	<b>0.56</b>	<b>2969</b>	<b>14.0</b>
Locked Rotor Torque	<b>345</b>	Nm	<b>50%</b>	22.5	<b>30.2</b>	<b>26</b>	<b>87.7</b>	<b>0.76</b>	<b>2938</b>	<b>19.5</b>
Locked Rotor Current	<b>205</b>	Amps	<b>75%</b>	33.8	<b>45.3</b>	<b>38</b>	<b>88.2</b>	<b>0.84</b>	<b>2906</b>	<b>26.4</b>
Winding Resistance	<b>1.07</b>	Ohms	<b>100%</b>	45.0	<b>60.3</b>	<b>52</b>	<b>87.3</b>	<b>0.87</b>	<b>2875</b>	<b>34.1</b>
Weight (With Water)	<b>180</b>	Kg (Approximate)	<b>125%</b>	56.3	<b>75.4</b>	<b>66</b>	<b>85.6</b>	<b>0.88</b>	<b>2844</b>	<b>43.0</b>



OUTPUT TORQUE VS SPEED



ADDITIONAL INPUT WATTS DUE TO THRUST

