

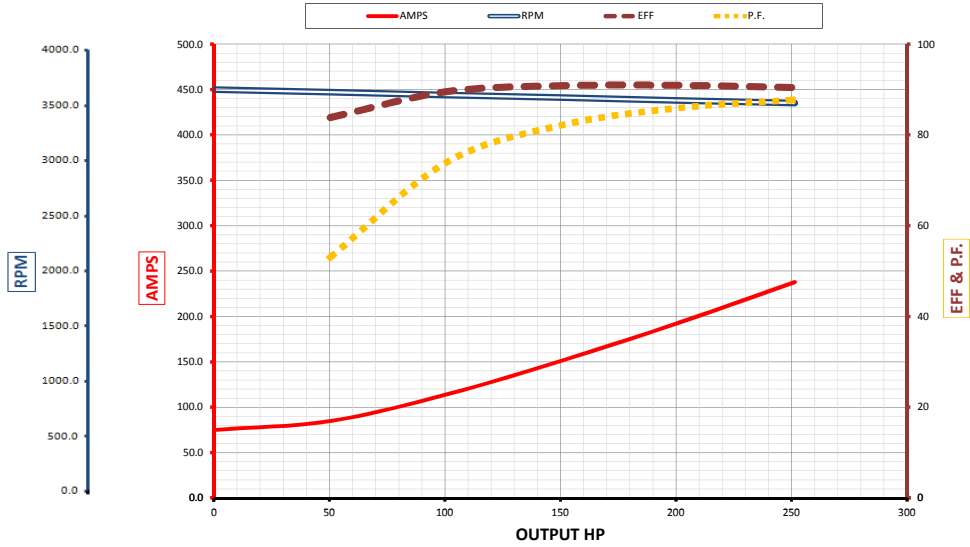


# MOTOR PERFORMANCE DATA

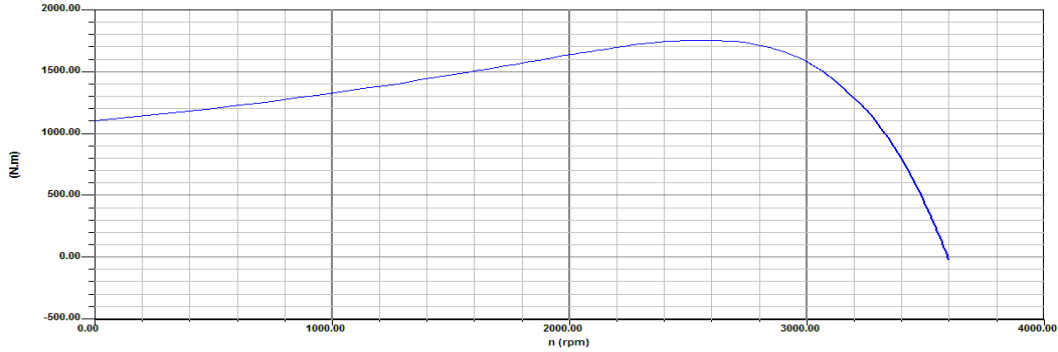
Model: **10" 2P Submersible Motor**

<b>WATER</b>	Type	<b>200</b>	HP	<b>193</b>	AMPS	<b>Date: 5/08/2014</b> <b>200 HP</b> <b>3505 RPM</b> <b>850 mm Stack</b>
<b>3</b>	Phase	<b>575</b>	Volt	<b>3505</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>409</b>	Nm	<b>No Load</b>	<b>0</b>	<b>0</b>	<b>6</b>	<b>0</b>	<b>0.08</b>	<b>3600</b>	<b>75.0</b>
Break Down Torque	<b>1755</b>	Nm	<b>25%</b>	<b>38</b>	<b>50</b>	<b>45</b>	<b>83.8</b>	<b>0.53</b>	<b>3576</b>	<b>84.8</b>
Locked Rotor Torque	<b>1108</b>	Nm	<b>50%</b>	<b>75</b>	<b>101</b>	<b>84</b>	<b>89.5</b>	<b>0.74</b>	<b>3553</b>	<b>114.0</b>
Locked Rotor Current	<b>1158</b>	Amps	<b>75%</b>	<b>113</b>	<b>151</b>	<b>124</b>	<b>90.8</b>	<b>0.82</b>	<b>3529</b>	<b>151.6</b>
Winding Resistance	<b>0.08</b>	Ohms	<b>100%</b>	<b>150</b>	<b>201</b>	<b>165</b>	<b>90.9</b>	<b>0.86</b>	<b>3505</b>	<b>193.0</b>
Weight (With Water)	<b>460</b>	Kg (Approximate)	<b>125%</b>	<b>188</b>	<b>251</b>	<b>207</b>	<b>90.4</b>	<b>0.88</b>	<b>3481</b>	<b>237.7</b>



OUTPUT TORQUE VS SPEED



ADDITIONAL INPUT WATTS DUE TO THRUST

