

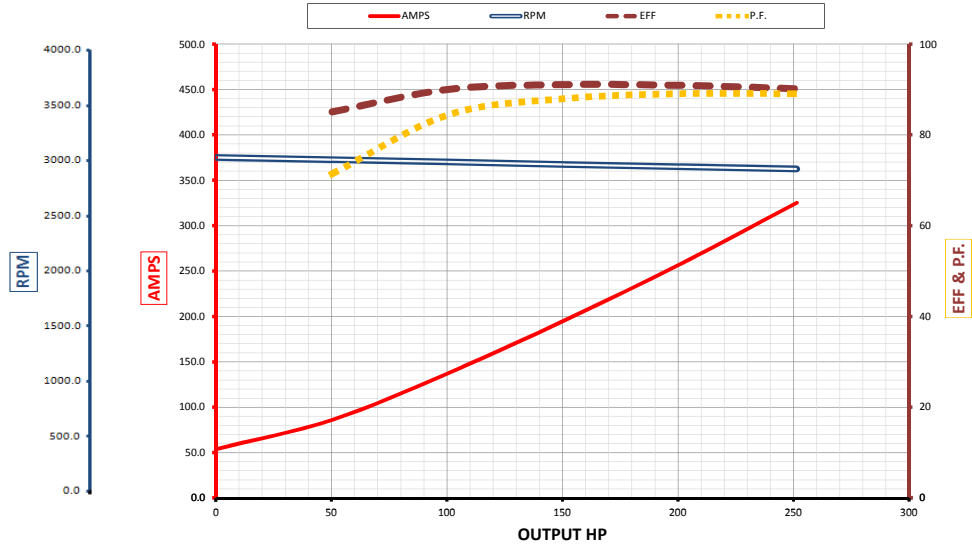


# MOTOR PERFORMANCE DATA

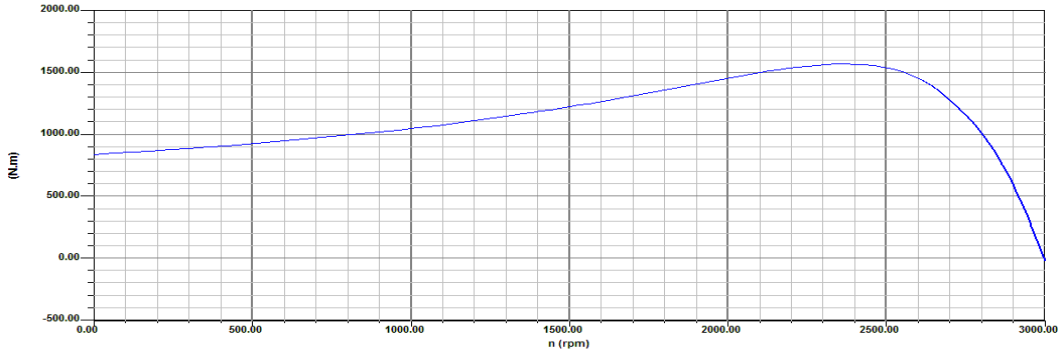
Model: **12" 2P Submersible Motor**

<b>WATER</b>	Type	<b>200</b>	HP	<b>258</b>	AMPS	<b>Date: 18/06/2014</b> <b>200 HP</b> <b>2920 RPM</b> <b>700 mm Stack</b>
<b>3</b>	Phase	<b>415</b>	Volt	<b>2920</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>491</b>	Nm	<b>No Load</b>	<b>0</b>	<b>0</b>	<b>6</b>	<b>0</b>	<b>0.15</b>	<b>3000</b>	<b>53.7</b>
Break Down Torque	<b>1567</b>	Nm	<b>25%</b>	<b>38</b>	<b>50</b>	<b>44</b>	<b>85.1</b>	<b>0.71</b>	<b>2980</b>	<b>86.0</b>
Locked Rotor Torque	<b>842</b>	Nm	<b>50%</b>	<b>75</b>	<b>101</b>	<b>83</b>	<b>90.1</b>	<b>0.84</b>	<b>2960</b>	<b>137.4</b>
Locked Rotor Current	<b>1547</b>	Amps	<b>75%</b>	<b>113</b>	<b>151</b>	<b>124</b>	<b>91.1</b>	<b>0.88</b>	<b>2940</b>	<b>195.5</b>
Winding Resistance	<b>0.04</b>	Ohms	<b>100%</b>	<b>150</b>	<b>201</b>	<b>165</b>	<b>90.9</b>	<b>0.89</b>	<b>2920</b>	<b>257.8</b>
Weight (With Water)	<b>770</b>	Kg (Approximate)	<b>125%</b>	<b>188</b>	<b>251</b>	<b>208</b>	<b>90.2</b>	<b>0.89</b>	<b>2900</b>	<b>325.1</b>



OUTPUT TORQUE VS SPEED



ADDITIONAL INPUT WATTS DUE TO THRUST

