



# MOTOR PERFORMANCE DATA

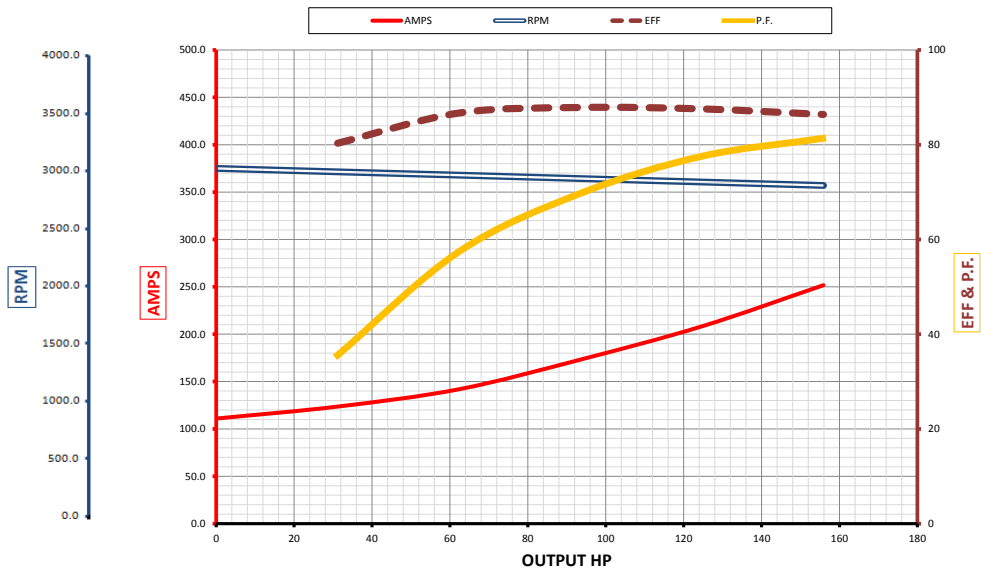
Model: **8" 2P Submersible Motor**

<b>WATER</b>	Type	<b>125</b>	HP
<b>3</b>	Phase	<b>380</b>	Volt
<b>1.15</b>	S.F.	<b>30Deg.C</b>	Max.Amb.Water

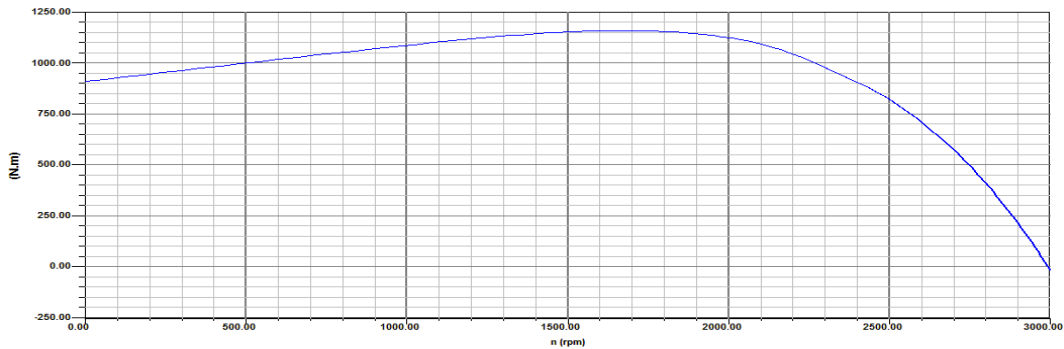
<b>208</b>	AMPS
<b>2885</b>	RPM
<b>50</b>	Hertz
<b>4540</b>	Kg Thrust Load

<b>Date: 21/11/2014</b>	
<b>125</b>	HP
<b>2885</b>	RPM
<b>1100</b>	mm Stack

		Load	KW out	HP	KW in	EFF	P.F.	RPM	AMPS
Full Load Torque	<b>311</b>	Nm							
Break Down Torque	<b>1160</b>	Nm	<b>No Load</b>	0.0	<b>0</b>	<b>4</b>	<b>0.05</b>	<b>3000</b>	<b>110.9</b>
Locked Rotor Torque	<b>912</b>	Nm	<b>25%</b>	23.3	<b>31</b>	<b>29</b>	<b>80.3</b>	<b>2971</b>	<b>123.6</b>
Locked Rotor Current	<b>1250</b>	Amps	<b>50%</b>	46.5	<b>62</b>	<b>54</b>	<b>86.7</b>	<b>2943</b>	<b>141.9</b>
Winding Resistance	<b>0.07</b>	Ohms	<b>75%</b>	69.8	<b>94</b>	<b>79</b>	<b>87.9</b>	<b>2914</b>	<b>173.2</b>
Weight (With Water)	<b>300</b>	Kg (Approximate)	<b>100%</b>	93.0	<b>125</b>	<b>106</b>	<b>87.6</b>	<b>2885</b>	<b>208.3</b>
			<b>125%</b>	116.3	<b>156</b>	<b>135</b>	<b>86.4</b>	<b>2856</b>	<b>251.7</b>



OUTPUT TORQUE VS SPEED



ADDITIONAL INPUT WATTS DUE TO THRUST

