



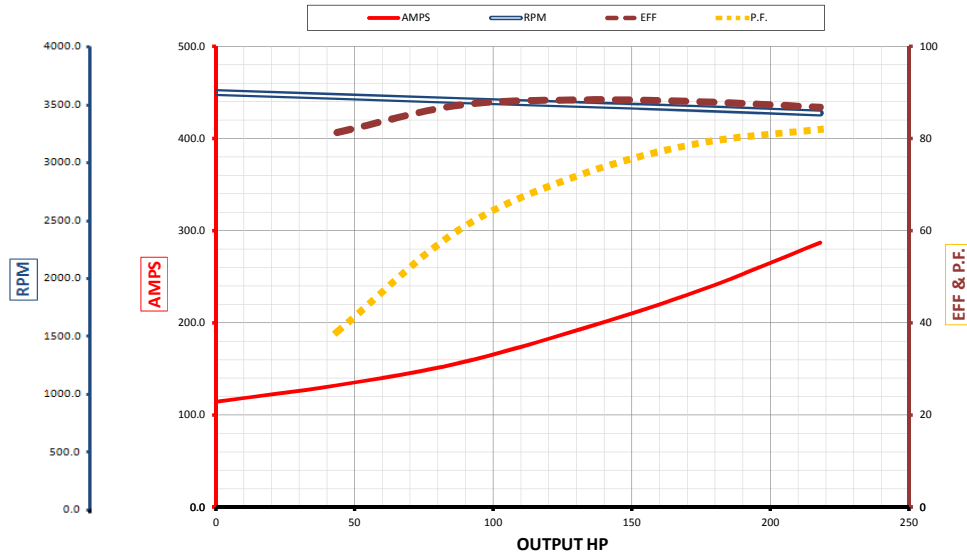
MOTOR PERFORMANCE DATA

Model: 8" 2P Submersible Motor

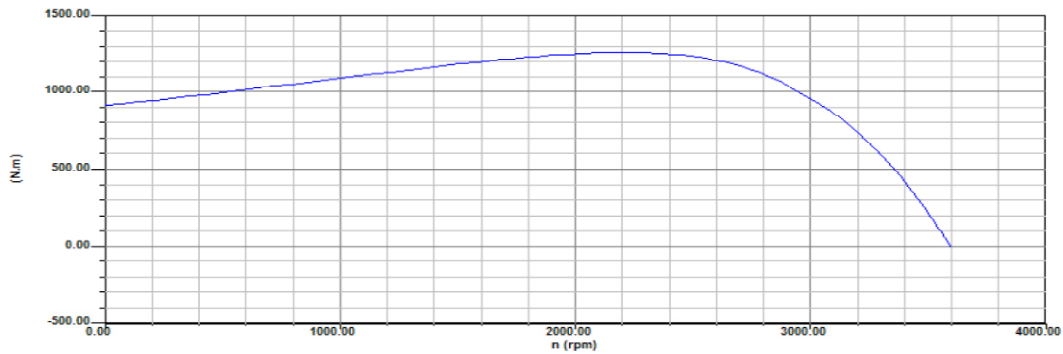
<u>WATER</u> Type	<u>175</u> HP	<u>235</u> AMPS
<u>3</u> Phase	<u>460</u> Volt	<u>3460</u> RPM
<u>1.15</u> S.F.	<u>30Deg.C</u> Max.Amb.Water	<u>60</u> Hertz
		<u>4540</u> Kg Thrust Load

Date:	<u>24/06/2014</u>
	<u>175</u> HP
	<u>3460</u> RPM
	<u>1100</u> mm Stack

			Load	KW out	HP	KW in	EFF	P.F.	RPM	AMPS
Full Load Torque	<u>361</u> Nm		No Load	<u>0</u>	<u>0</u>	<u>5</u>	<u>0</u>	<u>0.05</u>	<u>3600</u>	<u>114.4</u>
Break Down Torque	<u>1261</u> Nm		25%	<u>32.5</u>	<u>44</u>	<u>40</u>	<u>81.3</u>	<u>0.38</u>	<u>3565</u>	<u>132.3</u>
Locked Rotor Torque	<u>912</u> Nm		50%	<u>65.0</u>	<u>87</u>	<u>75</u>	<u>87.2</u>	<u>0.60</u>	<u>3530</u>	<u>156.0</u>
Locked Rotor Current	<u>1435</u> Amps		75%	<u>97.5</u>	<u>131</u>	<u>110</u>	<u>88.4</u>	<u>0.72</u>	<u>3495</u>	<u>192.5</u>
Winding Resistance	<u>0.07</u> Ohms		100%	<u>130.0</u>	<u>174</u>	<u>148</u>	<u>88.0</u>	<u>0.79</u>	<u>3460</u>	<u>234.9</u>
Weight (With Water)	<u>310</u> Kg (Approximate)		125%	<u>162.5</u>	<u>218</u>	<u>187</u>	<u>86.8</u>	<u>0.82</u>	<u>3420</u>	<u>286.9</u>



OUTPUT TORQUE VS SPEED



ADDITIONAL INPUT WATTS DUE TO THRUST

