

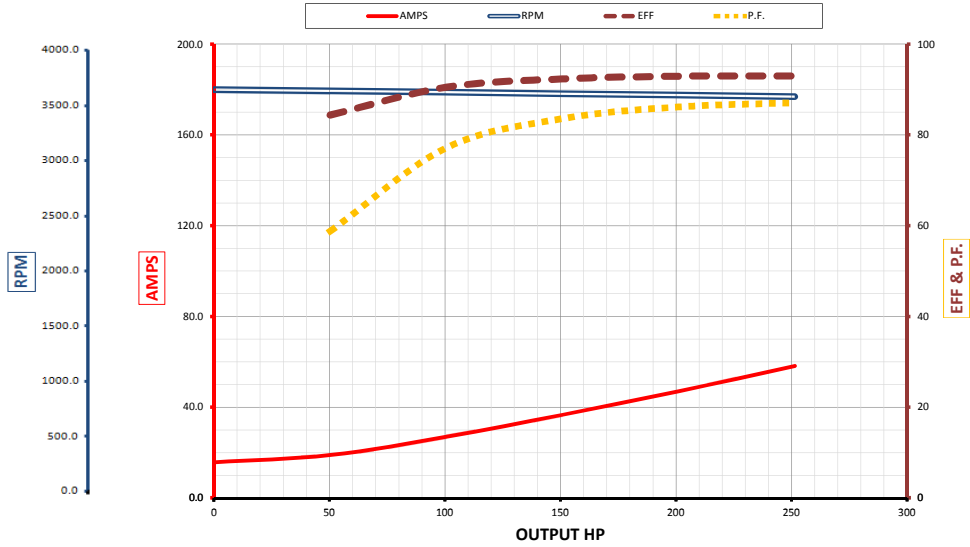


# MOTOR PERFORMANCE DATA

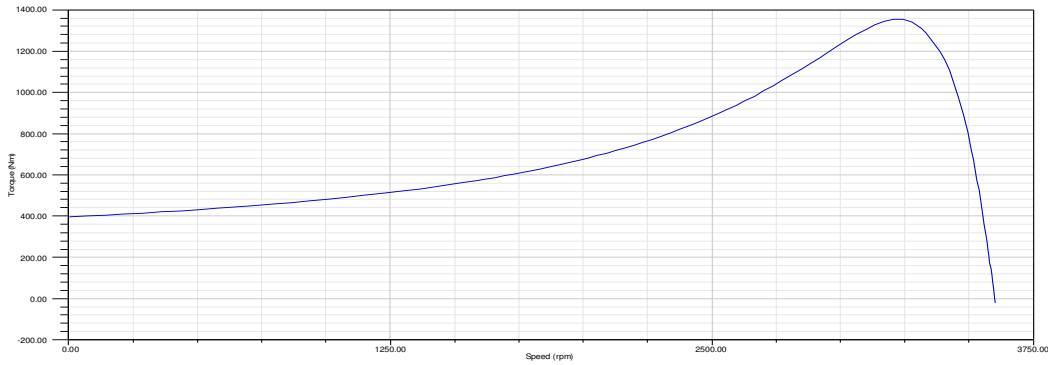
Model: **12" 2P Submersible Motor**

<b>WATER</b>	Type	<b>200</b>	HP	<b>47</b>	AMPS	<b>Date: 28/07/2014</b> <b>200 HP</b> <b>3550 RPM</b> <b>900 mm Stack</b>
<b>3</b>	Phase	<b>2300</b>	Volt	<b>3550</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>403</b>	Nm	<b>No Load</b>	<b>0</b>	<b>0</b>	<b>6</b>	<b>0</b>	<b>0.10</b>	<b>3600</b>	<b>15.8</b>
Break Down Torque	<b>1361</b>	Nm	<b>25%</b>	<b>38</b>	<b>50</b>	<b>44</b>	<b>84.4</b>	<b>0.59</b>	<b>3588</b>	<b>19.0</b>
Locked Rotor Torque	<b>399</b>	Nm	<b>50%</b>	<b>75</b>	<b>101</b>	<b>83</b>	<b>90.5</b>	<b>0.77</b>	<b>3576</b>	<b>27.0</b>
Locked Rotor Current	<b>283</b>	Amps	<b>75%</b>	<b>113</b>	<b>151</b>	<b>122</b>	<b>92.3</b>	<b>0.84</b>	<b>3563</b>	<b>36.7</b>
Winding Resistance	<b>0.74</b>	Ohms	<b>100%</b>	<b>150</b>	<b>201</b>	<b>162</b>	<b>92.9</b>	<b>0.86</b>	<b>3550</b>	<b>47.1</b>
Weight (With Water)	<b>700</b>	Kg (Approximate)	<b>125%</b>	<b>188</b>	<b>251</b>	<b>202</b>	<b>93.0</b>	<b>0.87</b>	<b>3536</b>	<b>58.2</b>



OUTPUT TORQUE VS SPEED



ADDITIONAL INPUT WATTS DUE TO THRUST

