



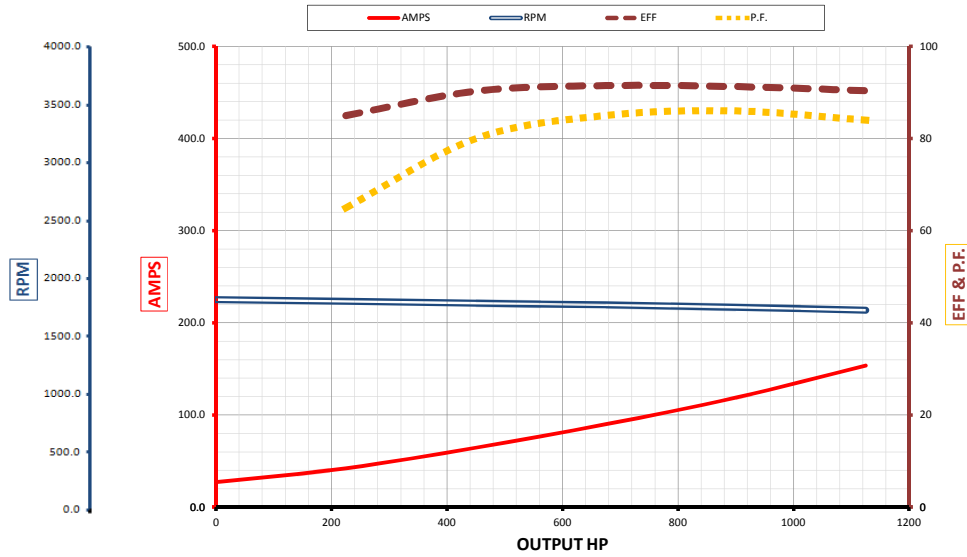
MOTOR PERFORMANCE DATA

Model: 22" 4P Submersible Motor

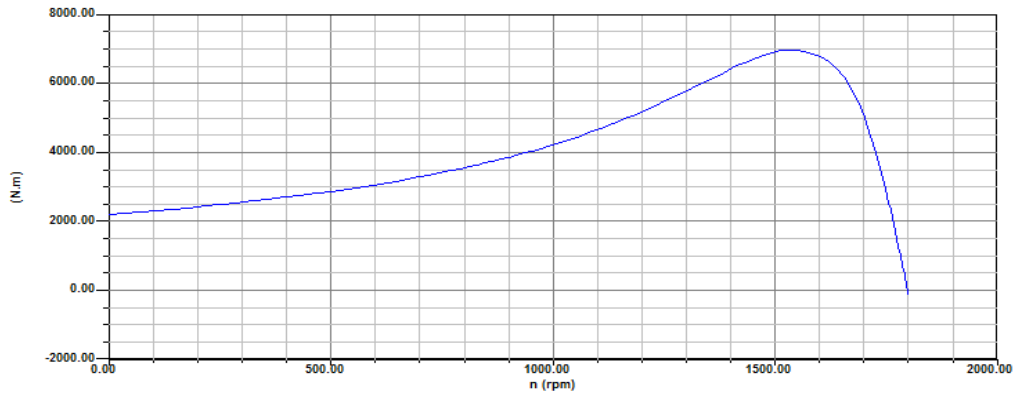
<u>WATER</u> Type	<u>900</u> HP	<u>119</u> AMPS
<u>3</u> Phase	<u>4160</u> Volt	<u>1735</u> RPM
<u>1.15</u> S.F.	<u>30Deg.C</u> Max.Amb.Water	<u>60</u> Hertz
		<u>4540</u> Kg Thrust Load

Date:	<u>16/05/2012</u>
<u>900</u> HP	
<u>1735</u> RPM	
<u>1200</u> mm Stack	

			Load	KW out	HP	KW in	EFF	P.F.	RPM	AMPS
Full Load Torque	<u>3694</u> Nm		No Load	0	0	27	0	<u>0.14</u>	<u>1800</u>	<u>27.2</u>
Break Down Torque	<u>6980</u> Nm		25%	168	225	197	85	<u>0.65</u>	<u>1785</u>	<u>42.2</u>
Locked Rotor Torque	<u>2224</u> Nm		50%	336	450	372	90.3	<u>0.8</u>	<u>1770</u>	<u>64.5</u>
Locked Rotor Current	<u>437</u> Amps		75%	503	675	550	91.5	<u>0.85</u>	<u>1755</u>	<u>89.9</u>
Winding Resistance	<u>0.46</u> Ohms		100%	671	900	735	91.3	<u>0.86</u>	<u>1735</u>	<u>118.7</u>
Weight (With Water)	<u>2800</u> Kg (Approximate)		125%	839	1125	928	90.4	<u>0.84</u>	<u>1710</u>	<u>153.5</u>



OUTPUT TORQUE VS SPEED



ADDITIONAL INPUT WATTS DUE TO THRUST

