



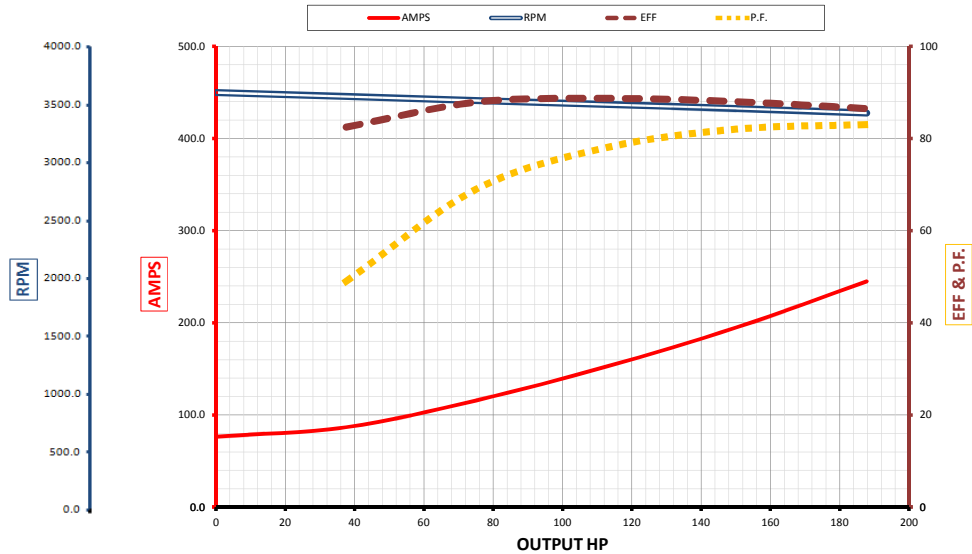
MOTOR PERFORMANCE DATA

Model: 8" 2P Submersible Motor

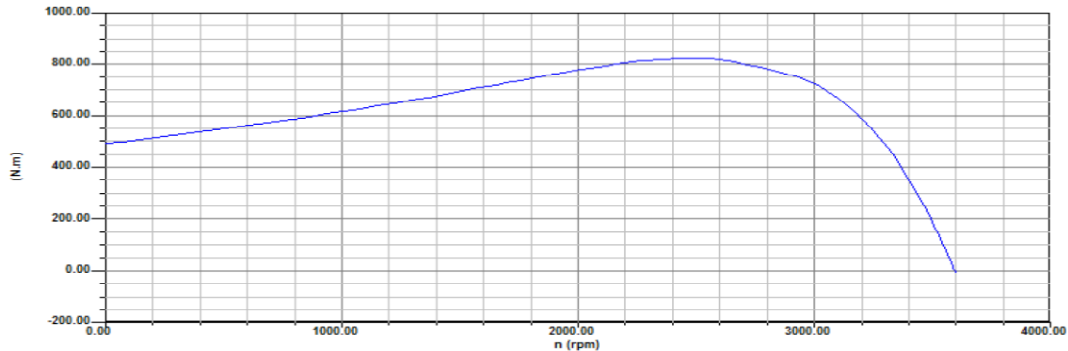
<u>WATER</u> Type	<u>150</u> HP	<u>195</u> AMPS
<u>3</u> Phase	<u>460</u> Volt	<u>3460</u> RPM
<u>1.15</u> S.F.	<u>30Deg.C</u> Max.Amb.Water	<u>60</u> Hertz
		<u>4540</u> Kg Thrust Load

Date:	<u>24/06/2014</u>
<u>150</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>312</u> Nm		No Load	0	0	5	0	<u>0.08</u>	<u>3600</u>	<u>76.7</u>
Break Down Torque	<u>824</u> Nm		25%	28.0	38	34	82.5	<u>0.49</u>	<u>3565</u>	<u>86.9</u>
Locked Rotor Torque	<u>492</u> Nm		50%	56.0	75	64	87.9	<u>0.69</u>	<u>3530</u>	<u>116.0</u>
Locked Rotor Current	<u>971</u> Amps		75%	84.0	113	95	88.7	<u>0.78</u>	<u>3495</u>	<u>152.6</u>
Winding Resistance	<u>0.08</u> Ohms		100%	112.0	150	127	88.0	<u>0.82</u>	<u>3460</u>	<u>195.1</u>
Weight (With Water)	<u>300</u> Kg (Approximate)		125%	140.0	188	162	86.5	<u>0.83</u>	<u>3420</u>	<u>245.0</u>



OUTPUT TORQUE VS SPEED



ADDITIONAL INPUT WATTS DUE TO THRUST

