



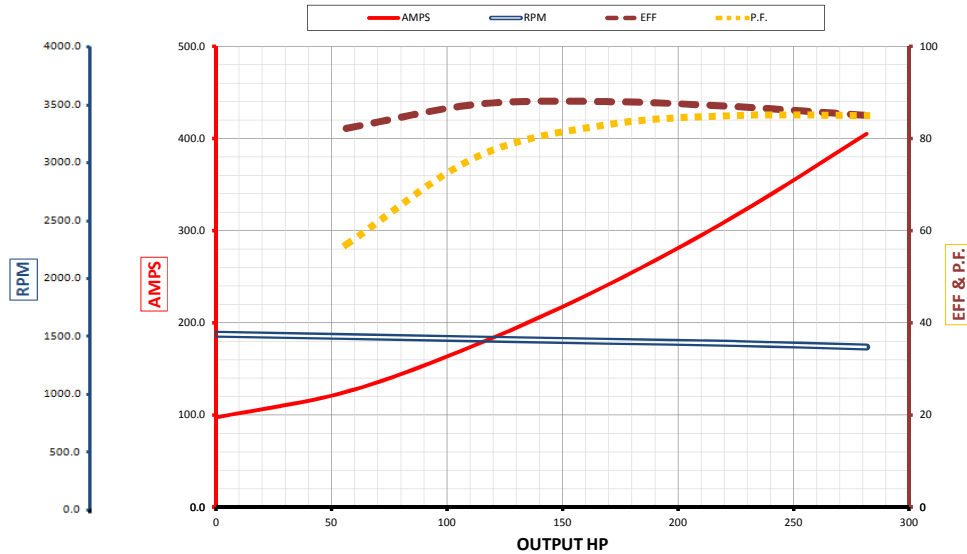
MOTOR PERFORMANCE DATA

Model: 12" 4P Submersible Motor

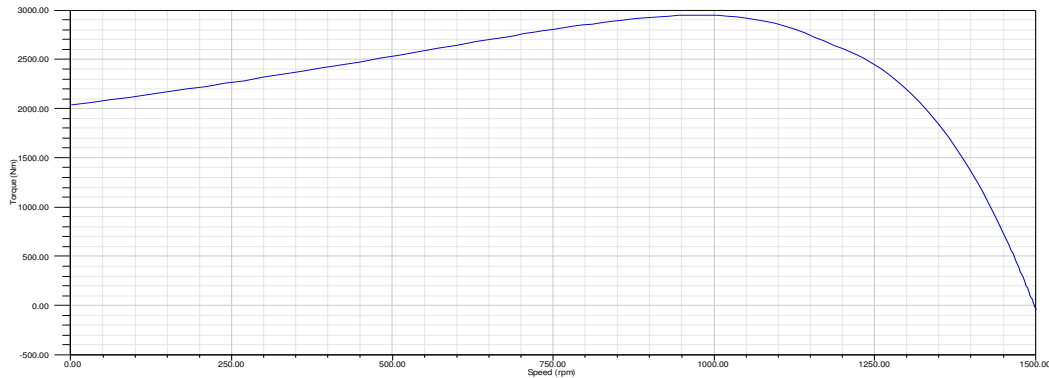
<u>WATER</u> Type	<u>225</u> HP	<u>317</u> AMPS
<u>3</u> Phase	<u>415</u> Volt	<u>1420</u> RPM
<u>1.15</u> S.F.	<u>30Deg.C</u> Max.Amb.Water	<u>50</u> Hertz
		<u>4540</u> Kg Thrust Load

Date:	<u>19/06/2014</u>
<u>225</u> HP	
<u>1420</u> RPM	
<u>1200</u> mm Stack	

			Load	KW out	HP	KW in	EFF	P.F.	RPM	AMPS
Full Load Torque	<u>1130</u> Nm		No Load	0	0	7	0	0.1	1500	97.2
Break Down Torque	<u>2946</u> Nm		25%	42	56	51	82.2	0.57	1480	124.9
Locked Rotor Torque	<u>2036</u> Nm		50%	84	113	96	87.4	0.76	1460	176.1
Locked Rotor Current	<u>1624</u> Amps		75%	126	169	143	88.0	0.83	1440	240.3
Winding Resistance	<u>0.06</u> Ohms		100%	168	225	193	86.9	0.85	1420	316.8
Weight (With Water)	<u>875</u> Kg (Approximate)		125%	210	282	247	85.0	0.85	1390	404.9



OUTPUT TORQUE VS SPEED



ADDITIONAL INPUT WATTS DUE TO THRUST

