



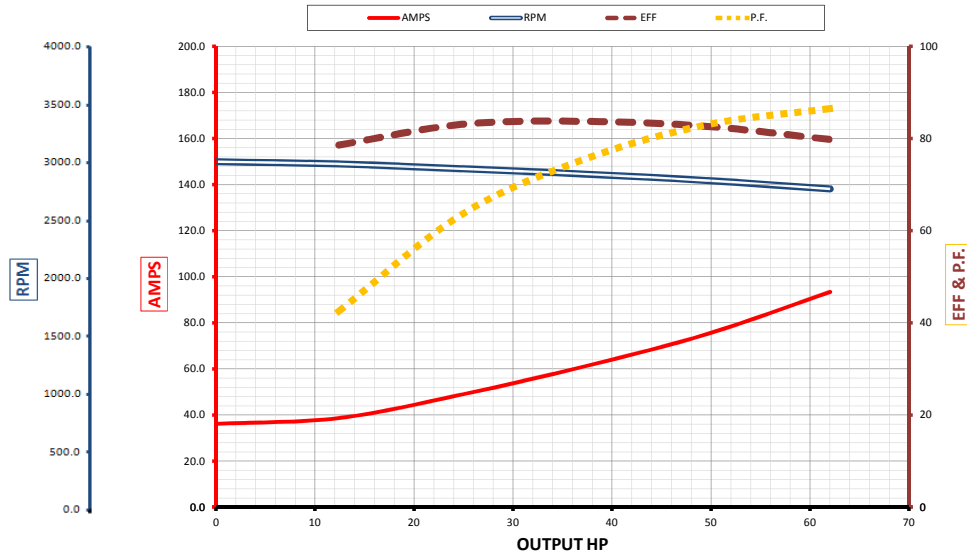
MOTOR PERFORMANCE DATA

Model: 6" 2P Submersible Motor

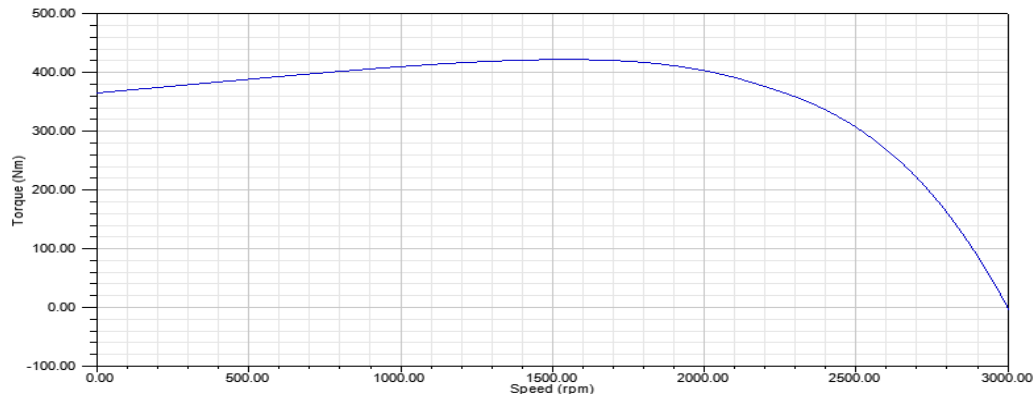
<u>WATER</u> Type	<u>50</u> HP	<u>75</u> AMPS
<u>3</u> Phase	<u>415</u> Volt	<u>2835</u> RPM
<u>1.15</u> S.F.	<u>30Deg.C</u> Max.Amb.Water	<u>50</u> Hertz
		<u>2270</u> Kg Thrust Load

Date:	<u>26/06/2014</u>
<u>50</u> HP	
<u>2835</u> RPM	
<u>850</u> mm Stack	

			Load	KW out	HP	KW in	EFF	P.F.	RPM	AMPS
Full Load Torque	<u>125</u> Nm		No Load	0	0.0	2.3	0.0	0.09	3000	36.2
Break Down Torque	<u>421</u> Nm		25%	9.3	12.4	11.8	78.6	0.43	2980	38.7
Locked Rotor Torque	<u>364</u> Nm		50%	18.5	24.8	22.3	83.1	0.63	2938	48.9
Locked Rotor Current	<u>423</u> Amps		75%	27.8	37.2	33.1	83.8	0.76	2892	61.1
Winding Resistance	<u>0.403</u> Ohms		100%	37.0	49.6	44.8	82.7	0.83	2835	75.2
Weight (With Water)	<u>170</u> Kg (Approximate)		125%	46.3	62.0	58.0	79.8	0.87	2762	93.4



OUTPUT TORQUE VS SPEED



ADDITIONAL INPUT WATTS DUE TO THRUST

