



MOTOR PERFORMANCE DATA

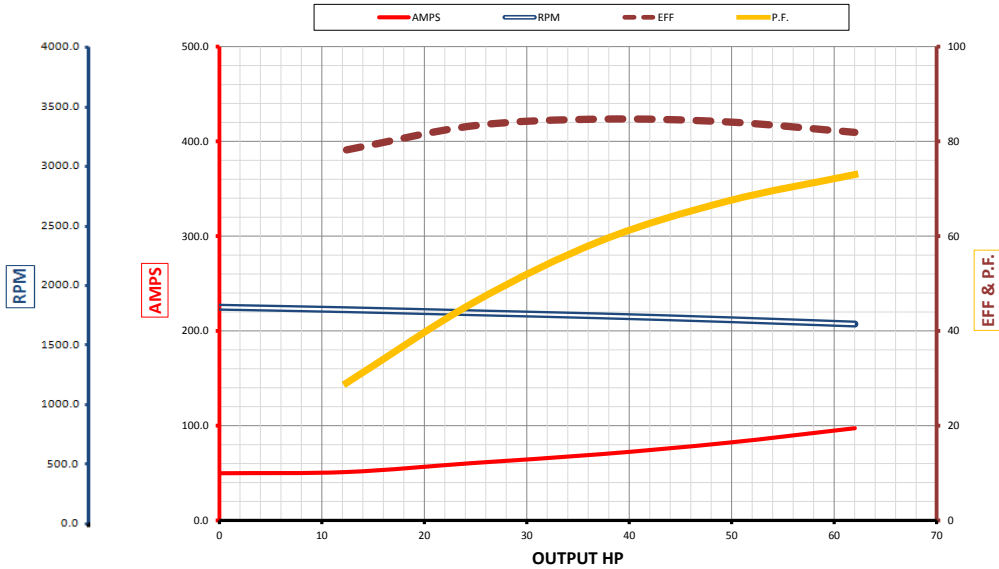
Model: 8" 4P Submersible Motor

<u>WATER</u>	Type	<u>50</u>	HP
<u>3</u>	Phase	<u>460</u>	Volt
<u>1.15</u>	S.F.	<u>30Deg.C</u>	Max.Amb.Water

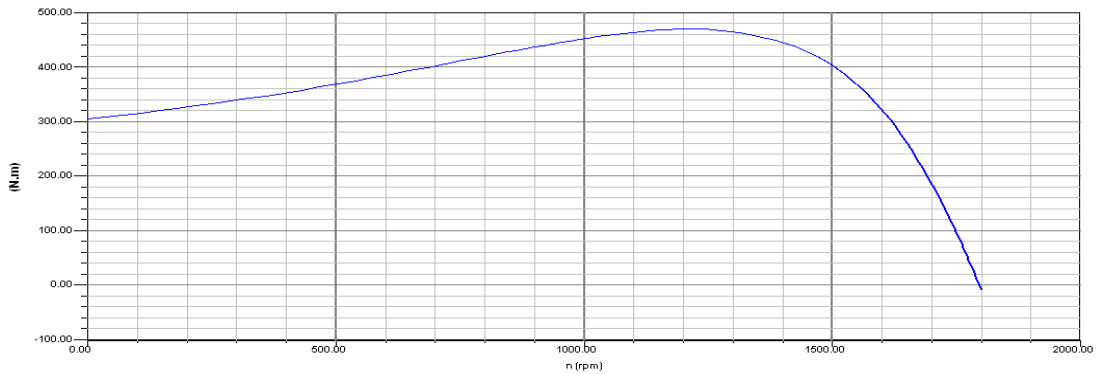
<u>82</u>	AMPS
<u>1695</u>	RPM
<u>60</u>	Hertz
<u>4540</u>	Kg Thrust Load

Date:	<u>6/02/2014</u>
<u>50</u>	HP
<u>1695</u>	RPM
<u>800</u>	mm Stack

			Load	KW out	HP	KW in	EFF	P.F.	RPM	AMPS
Full Load Torque	<u>208</u>	Nm	No Load	0	0	2	0	0.06	1800	49.8
Break Down Torque	<u>470</u>	Nm	25%	9.3	12	12	78.2	0.29	1779	51.1
Locked Rotor Torque	<u>305</u>	Nm	50%	18.5	25	22	83.3	0.46	1753	60.6
Locked Rotor Current	<u>300</u>	Amps	75%	27.8	37	33	84.7	0.59	1727	69.9
Winding Resistance	<u>0.29</u>	Ohms	100%	37.0	50	44	84.1	0.67	1695	82.0
Weight (With Water)	<u>220</u>	Kg (Approximate)	125%	46.3	62	57	81.9	0.73	1658	97.3



OUTPUT TORQUE VS SPEED



ADDITIONAL INPUT WATTS DUE TO THRUST

