

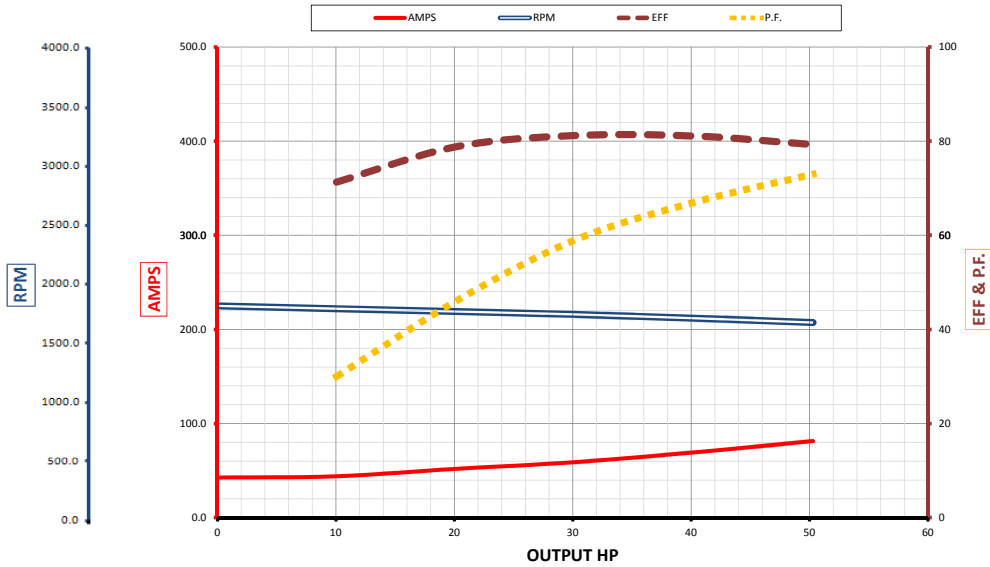


MOTOR PERFORMANCE DATA

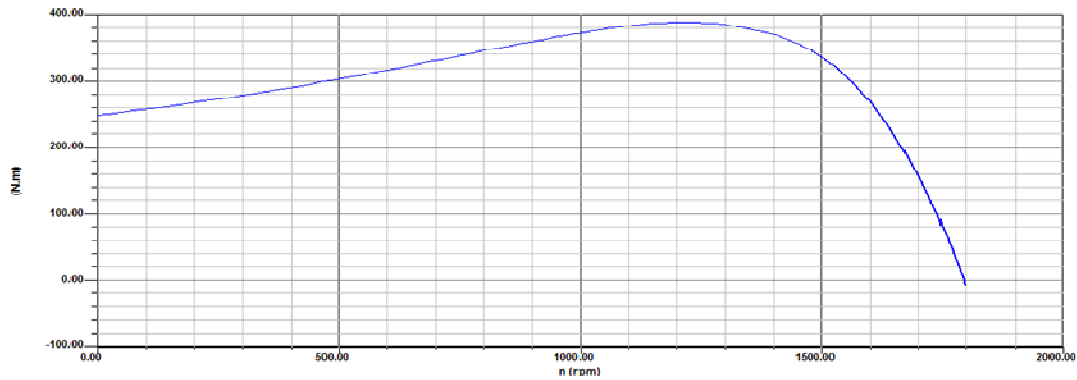
Model: **8" 4P Submersible Motor**

<u>WATER</u>	Type	<u>40</u>	HP	<u>69</u>	AMPS	Date: 6/02/2014 40 HP 1695 RPM 670 mm Stack
<u>3</u>	Phase	<u>460</u>	Volt	<u>1695</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	

			Load	KW out	HP	KW in	EFF	P.F.	RPM	AMPS
Full Load Torque	<u>169</u>	Nm	No Load	0	0	3	0	0.08	1800	42.7
Break Down Torque	<u>388</u>	Nm	25%	7.5	10	11	71.3	0.3	1776	44.0
Locked Rotor Torque	<u>250</u>	Nm	50%	15.0	20	19	78.8	0.46	1752	51.9
Locked Rotor Current	<u>250</u>	Amps	75%	22.5	30	28	81.2	0.59	1727	59.0
Winding Resistance	<u>0.38</u>	Ohms	100%	30.0	40	37	81.1	0.67	1695	69.4
Weight (With Water)	<u>180</u>	Kg (Approximate)	125%	37.5	50	47	79.3	0.73	1658	81.4



OUTPUT TORQUE VS SPEED



ADDITIONAL INPUT WATTS DUE TO THRUST

