

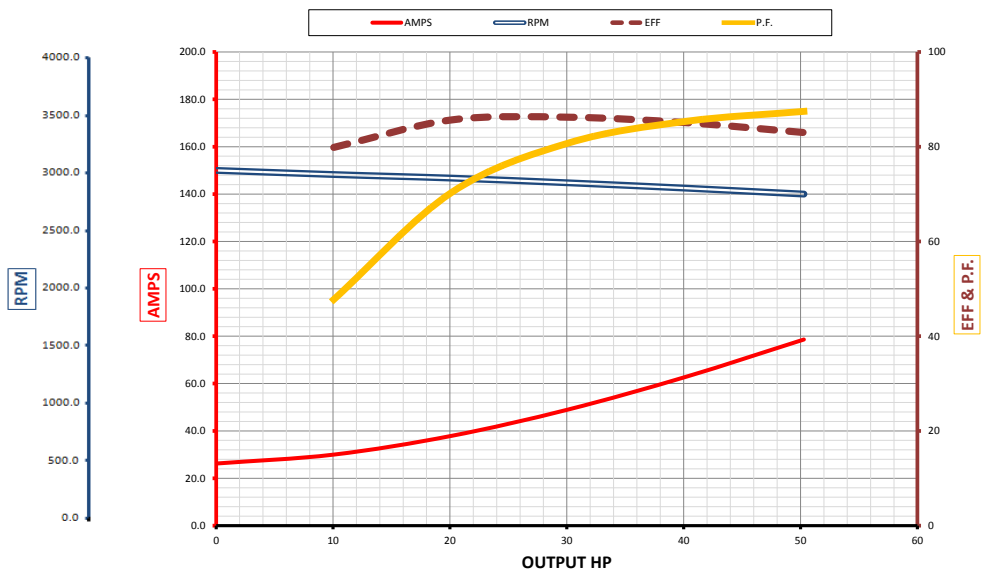


MOTOR PERFORMANCE DATA

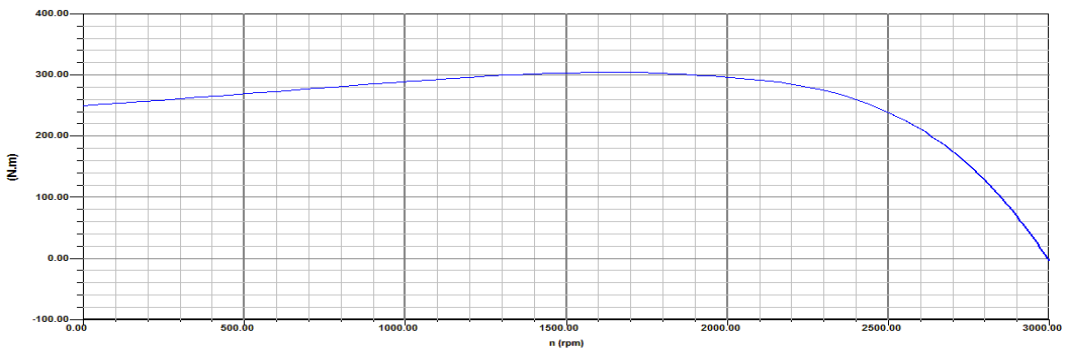
Model: **6" 2P Submersible Motor**

<u>WATER</u>	Type	<u>40</u>	HP	<u>63</u>	AMPS	Date: 25/08/2015 40 HP 2850 RPM 50 Hertz 850 mm Stack
<u>3</u>	Phase	<u>380</u>	Volt	<u>2850</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	

			Load	KW out	HP	KW in	EFF	P.F.	RPM	AMPS
Full Load Torque	<u>101</u>	Nm	No Load	0	0	1.9	0	0.11	3000	26.2
Break Down Torque	<u>305</u>	Nm	25%	7.5	10.1	9.4	79.8	0.48	2965	30.0
Locked Rotor Torque	<u>250</u>	Nm	50%	15.0	20.1	17.5	85.6	0.70	2935	37.9
Locked Rotor Current	<u>377</u>	Amps	75%	22.5	30.2	26.1	86.2	0.81	2895	49.1
Winding Resistance	<u>0.43</u>	Ohms	100%	30.0	40.2	35.3	85.1	0.85	2850	62.9
Weight (With Water)	<u>165</u>	Kg (Approximate)	125%	37.5	50.3	45.2	83.0	0.87	2800	78.6



OUTPUT TORQUE VS SPEED



ADDITIONAL INPUT WATTS DUE TO THRUST

