

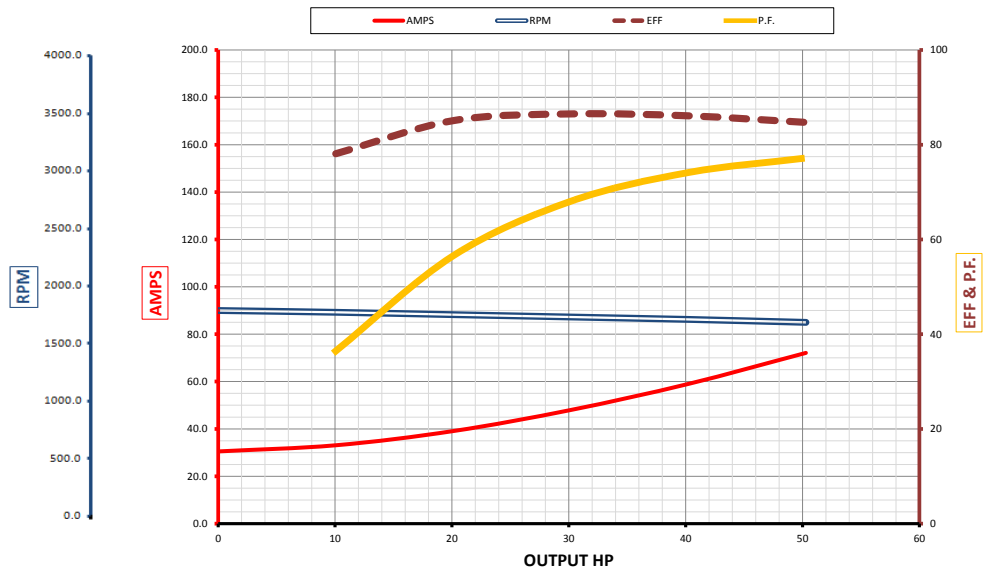


# MOTOR PERFORMANCE DATA

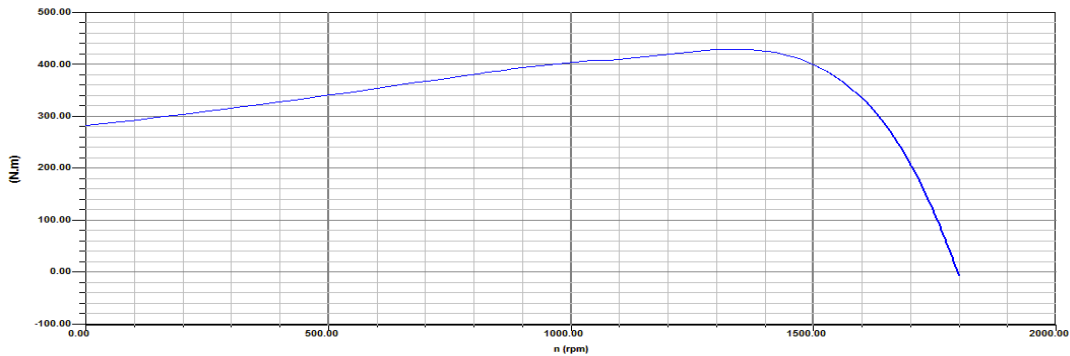
Model: **8" 4P Submersible Motor**

<u>WATER</u>	Type	<u>40</u>	HP	<u>59</u>	AMPS	Date: <b>19/11/2014</b> <b>40</b> HP <b>1725</b> RPM <b>60</b> Hertz <b>4540</b> Kg Thrust Load
<u>3</u>	Phase	<u>460</u>	Volt	<u>1725</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>166</u>	Nm	No Load	0	0	1.5	0	0.06	1800	30.5
Break Down Torque	<u>429</u>	Nm	25%	7.5	10	9.6	78.1	0.36	1785	33.1
Locked Rotor Torque	<u>279</u>	Nm	50%	15.0	20	17.6	85.1	0.57	1765	39.1
Locked Rotor Current	<u>294</u>	Amps	75%	22.5	30	26.0	86.5	0.68	1745	48.0
Winding Resistance	<u>0.43</u>	Ohms	100%	30.0	40	34.8	86.1	0.74	1725	59.0
Weight (With Water)	<u>180</u>	Kg (Approximate)	125%	37.5	50	44.3	84.7	0.77	1700	72.1



OUTPUT TORQUE VS SPEED



ADDITIONAL INPUT WATTS DUE TO THRUST

