

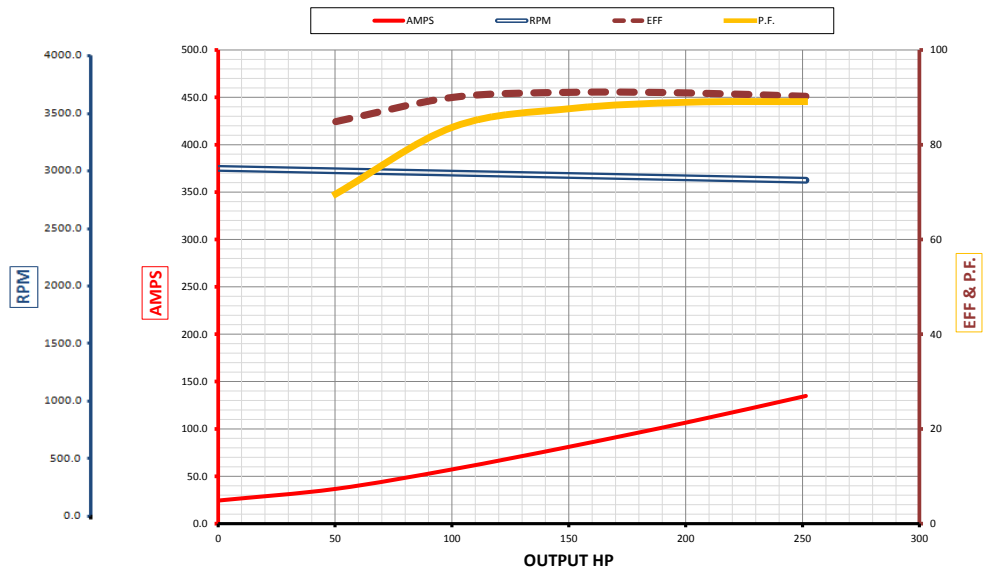


# MOTOR PERFORMANCE DATA

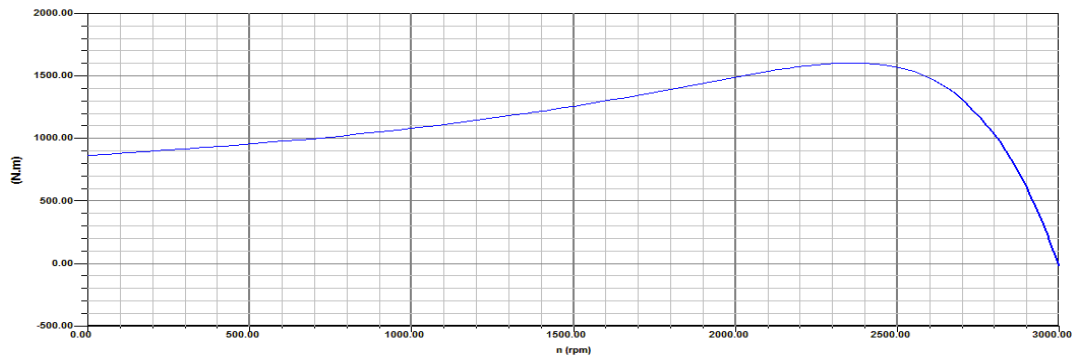
Model: **12" 2P Submersible Motor**

<u>WATER</u>	Type	<u>200</u>	HP	<u>107</u>	AMPS	Date: <b>8/04/2015</b> <b>200</b> HP <b>2920</b> RPM <b>50</b> Hertz <b>700</b> mm Stack
<u>3</u>	Phase	<u>1000</u>	Volt	<u>2920</u>	RPM	
<u>1.15</u>	S.F.	<u>30Deg.C</u>	Max.Amb.Water	<u>50</u>	Hertz	
				<u>4540</u>	Kg Thrust Load	

			Load	KW out	HP	KW in	EFF	P.F.	RPM	AMPS
Full Load Torque	<u>490</u>	Nm	No Load	0	0	7	0	0.17	3000	24.4
Break Down Torque	<u>1604</u>	Nm	25%	38	50	44	84.9	0.70	2980	36.7
Locked Rotor Torque	<u>866</u>	Nm	50%	75	101	83	90.0	0.84	2960	57.5
Locked Rotor Current	<u>643</u>	Amps	75%	113	151	124	91.1	0.88	2940	81.5
Winding Resistance	<u>0.29</u>	Ohms	100%	150	201	165	90.9	0.89	2920	107.2
Weight (With Water)	<u>770</u>	Kg (Approximate)	125%	188	251	208	90.2	0.89	2900	134.8



OUTPUT TORQUE VS SPEED



ADDITIONAL INPUT WATTS DUE TO THRUST

