

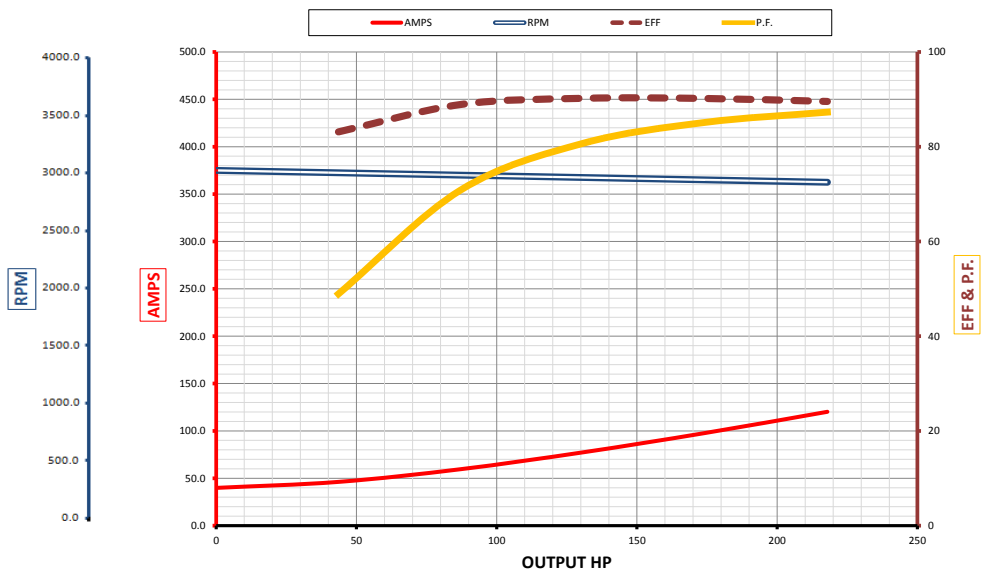


MOTOR PERFORMANCE DATA

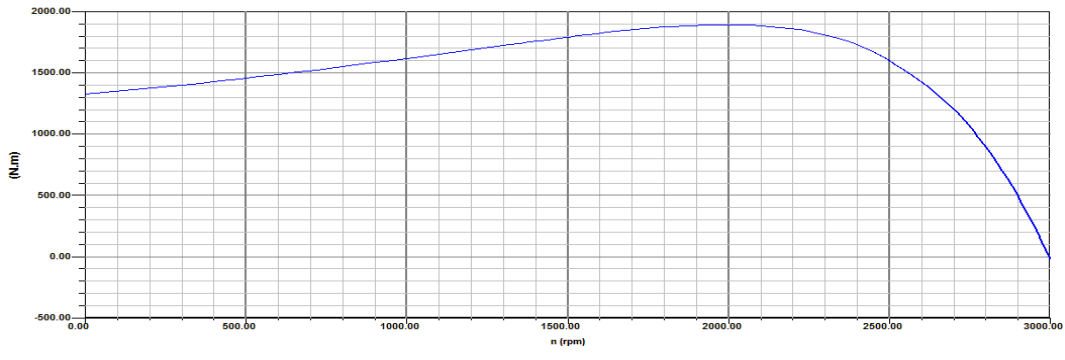
Model: **10" 2P Submersible Motor**

<u>WATER</u>	Type	<u>175</u>	HP	<u>98</u>	AMPS	Date: 8/04/2015 175 HP 2920 RPM 950 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>426</u>	Nm	No Load	0	0	7	0	0.10	3000	39.9
Break Down Torque	<u>1892</u>	Nm	25%	33	44	39	83.1	0.49	2980	46.2
Locked Rotor Torque	<u>1325</u>	Nm	50%	65	87	73	88.9	0.71	2960	59.6
Locked Rotor Current	<u>587</u>	Amps	75%	98	131	108	90.2	0.81	2940	77.4
Winding Resistance	<u>0.35</u>	Ohms	100%	130	174	144	90.2	0.85	2920	97.8
Weight (With Water)	<u>510</u>	Kg (Approximate)	125%	163	218	182	89.6	0.87	2900	120.2



OUTPUT TORQUE VS SPEED



ADDITIONAL INPUT WATTS DUE TO THRUST

