

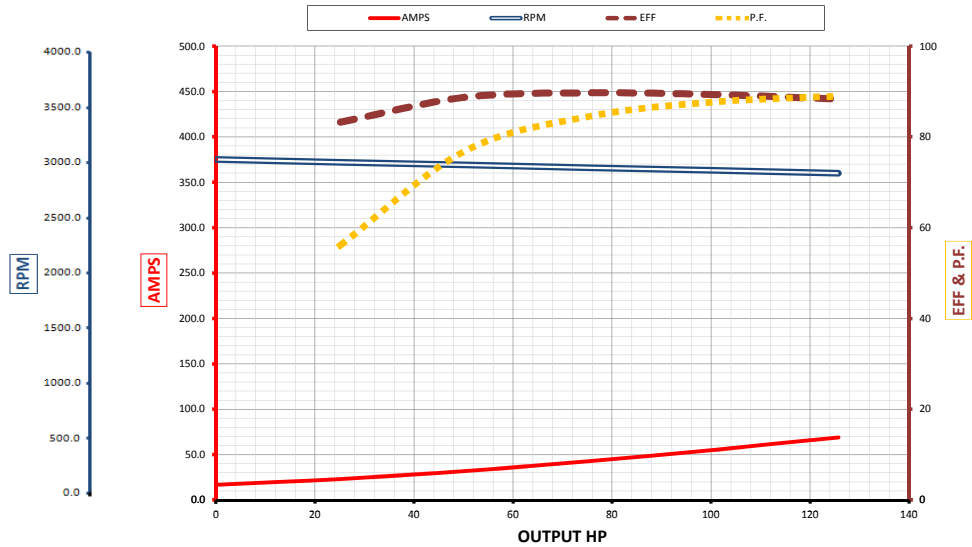


# MOTOR PERFORMANCE DATA

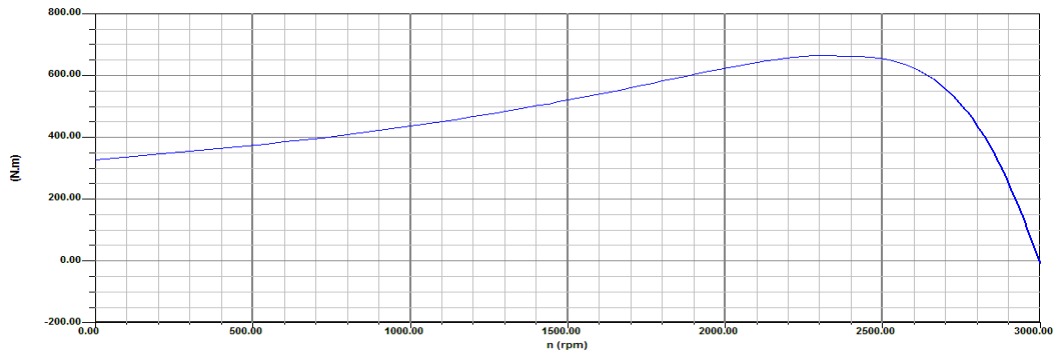
Model: **10" 2P Submersible Motor**

<b>WATER</b>	Type	100	HP	55	AMPS	<b>Date: 6/12/2013</b> <b>100 HP</b> <b>2905 RPM</b> <b>550 mm Stack</b>
3	Phase	1000	Volt	2905	RPM	
1.15	S.F.	30Deg.C	Max.Amb.Water	50	Hertz	
				4540	Kg Thrust Load	

			Load	KW out	HP	KW in	EFF	P.F.	RPM	AMPS
Full Load Torque	247	Nm	No Load	0	0	3	0	0.11	3000	16.8
Break Down Torque	665	Nm	25%	19	25	23	83.2	0.56	2976	23.2
Locked Rotor Torque	328	Nm	50%	38	50	42	88.7	0.77	2953	31.8
Locked Rotor Current	316	Amps	75%	56	75	63	89.7	0.85	2929	42.9
Winding Resistance	0.62	Ohms	100%	75	101	84	89.3	0.88	2905	55.4
Weight (With Water)	300	Kg (Approximate)	125%	94	126	106	88.3	0.89	2881	69.0



OUTPUT TORQUE VS SPEED



ADDITIONAL INPUT WATTS DUE TO THRUST

