

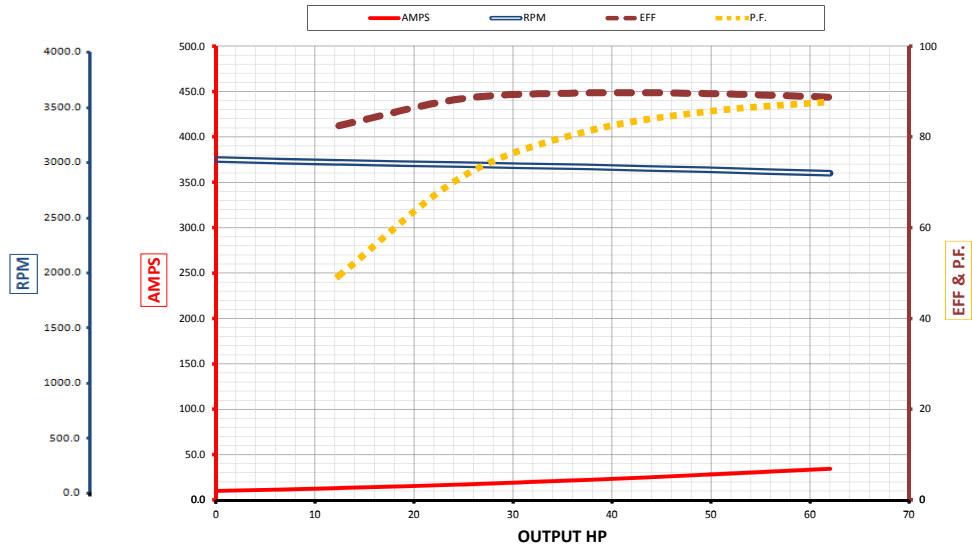


MOTOR PERFORMANCE DATA

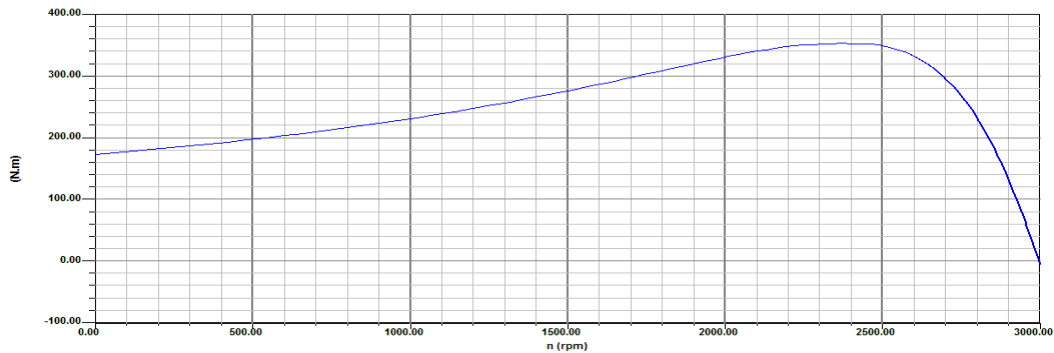
Model: **10" 2P Submersible Motor**

WATER	Type	50	HP	28	AMPS	Date: 6/12/2013 50 HP 2910 RPM 300 mm Stack
3	Phase	1000	Volt	2910	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	121	Nm	No Load	0	0	2	0	0.10	3000	10.1
Break Down Torque	353	Nm	25%	9	12	11	82.4	0.49	2975	13.1
Locked Rotor Torque	174	Nm	50%	19	25	21	88.4	0.71	2955	17.0
Locked Rotor Current	167	Amps	75%	28	37	31	89.7	0.81	2935	22.1
Winding Resistance	1.17	Ohms	100%	37	50	41	89.5	0.86	2910	27.9
Weight (With Water)	170	Kg (Approximate)	125%	46	62	52	88.7	0.88	2880	34.3



OUTPUT TORQUE VS SPEED



ADDITIONAL INPUT WATTS DUE TO THRUST

