

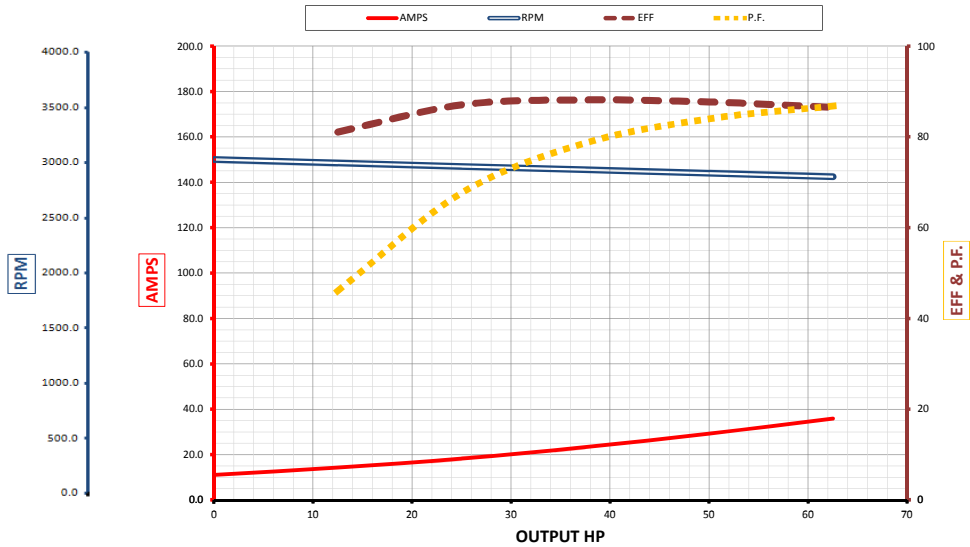


MOTOR PERFORMANCE DATA

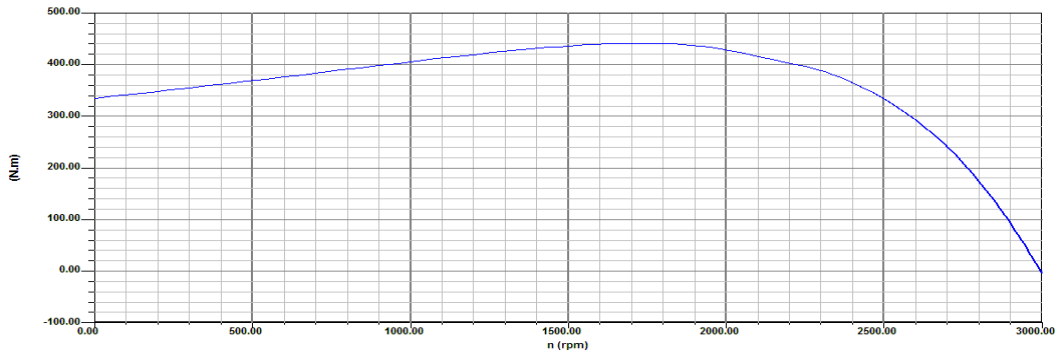
Model: **8" 2P Submersible Motor**

WATER	Type	50	HP	29	AMPS	Date: 14/11/2013 50 HP 2880 RPM 570 mm Stack
3	Phase	1000	Volt	2880	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	124	Nm	No Load	0.0	0.0	2	0	0.10	3000	11.1
Break Down Torque	441	Nm	25%	9.3	12.5	12	81.0	0.46	2970	14.4
Locked Rotor Torque	335	Nm	50%	18.7	25.0	21	87.1	0.68	2940	18.3
Locked Rotor Current	176	Amps	75%	28.0	37.5	32	88.2	0.79	2910	23.3
Winding Resistance	1.18	Ohms	100%	37.3	50.0	43	87.7	0.84	2880	29.3
Weight (With Water)	160	Kg (Approximate)	125%	46.6	62.5	54	86.5	0.87	2850	35.9



OUTPUT TORQUE VS SPEED



ADDITIONAL INPUT WATTS DUE TO THRUST

