

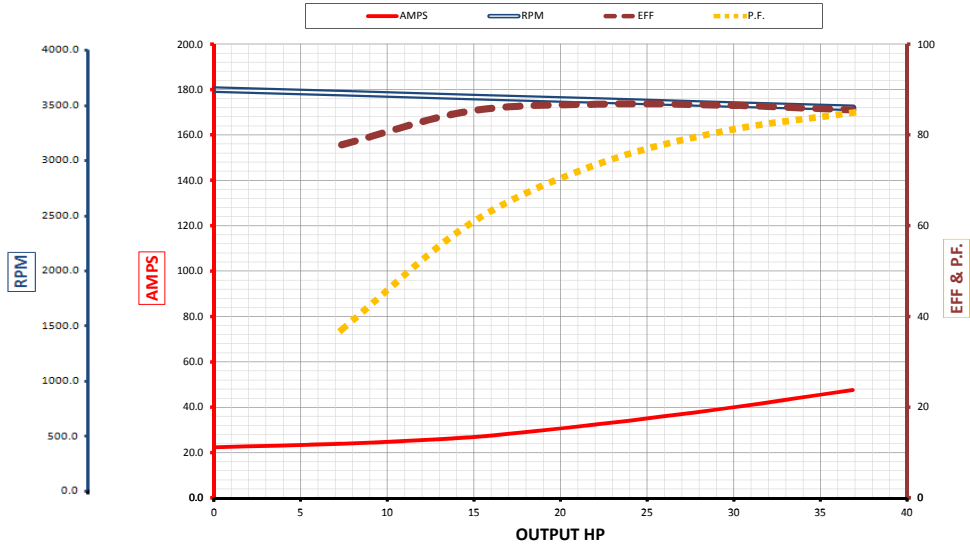


MOTOR PERFORMANCE DATA

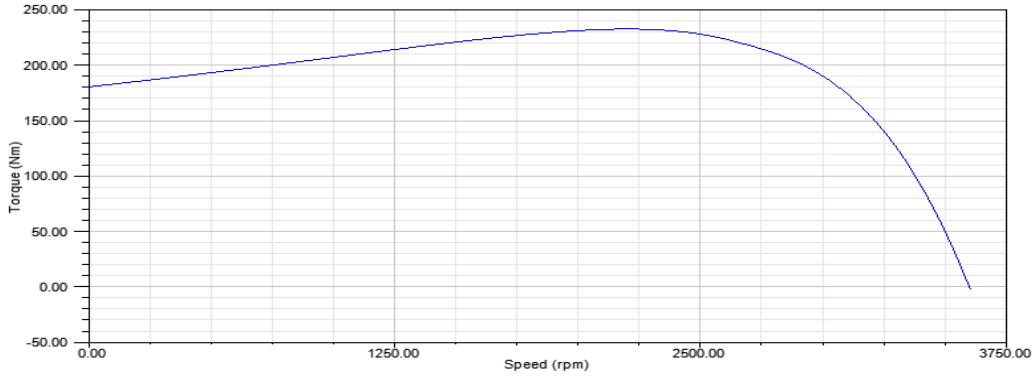
Model: **6" 2P Submersible Motor**

WATER	Type	30	HP	40	AMPS	Date: 23/06/2014 30 HP 3470 RPM 530 mm Stack
3	Phase	460	Volt	3470	RPM	
1.15	S.F.	30Deg.C	Max.Amb.Water	60	Hertz	
				2270	Kg Thrust Load	

			Load	KW out	HP	KW in	EFF	P.F.	RPM	AMPS
Full Load Torque	62	Nm	No Load	0	0	1.1	0	0.06	3600	22.4
Break Down Torque	232	Nm	25%	5.5	7.4	7.1	77.8	0.37	3568	24.0
Locked Rotor Torque	180	Nm	50%	11.0	14.8	12.9	85.2	0.60	3535	26.8
Locked Rotor Current	237	Amps	75%	16.5	22.1	19.0	86.8	0.74	3503	32.5
Winding Resistance	0.63	Ohms	100%	22.0	29.5	25.4	86.6	0.81	3470	39.5
Weight (With Water)	105	Kg (Approximate)	125%	27.5	36.9	32.2	85.5	0.85	3438	47.6



OUTPUT TORQUE VS SPEED



ADDITIONAL INPUT WATTS DUE TO THRUST

