

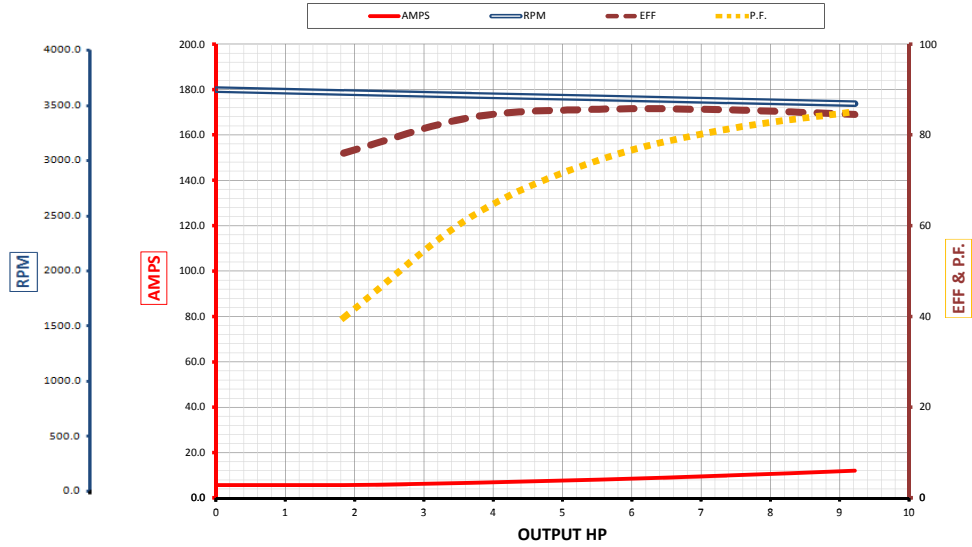


MOTOR PERFORMANCE DATA

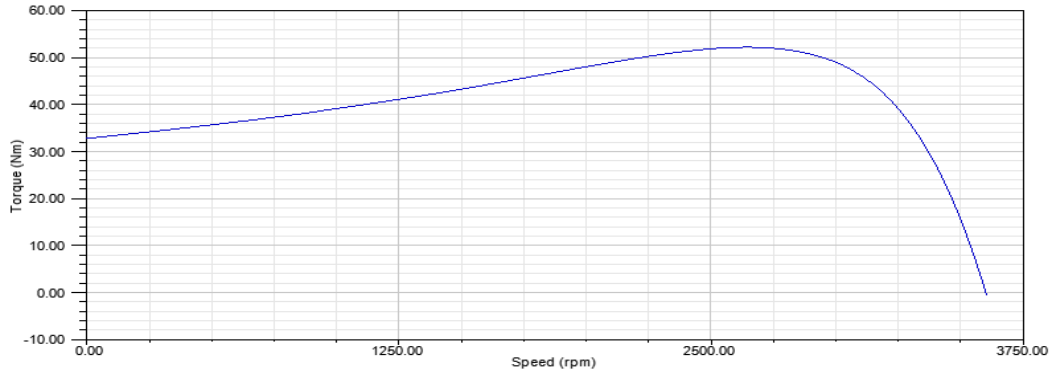
Model: **6" 2P Submersible Motor**

WATER	Type	7.5	HP	10	AMPS	Date: 23/06/2014 7.5 HP 3500 RPM 240 mm Stack
3	Phase	460	Volt	3500	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	15	Nm	No Load	0	0	0.3	0	0.08	3600	5.7
Break Down Torque	52	Nm	25%	1.4	1.8	1.8	76.0	0.40	3575	5.7
Locked Rotor Torque	33	Nm	50%	2.8	3.7	3.3	83.9	0.62	3550	6.7
Locked Rotor Current	59	Amps	75%	4.1	5.5	4.8	85.7	0.74	3525	8.1
Winding Resistance	3.07	Ohms	100%	5.5	7.4	6.4	85.6	0.81	3500	9.9
Weight (With Water)	50	Kg (Approximate)	125%	6.9	9.2	8.1	84.5	0.85	3475	12.0



OUTPUT TORQUE VS SPEED



ADDITIONAL INPUT WATTS DUE TO THRUST

