

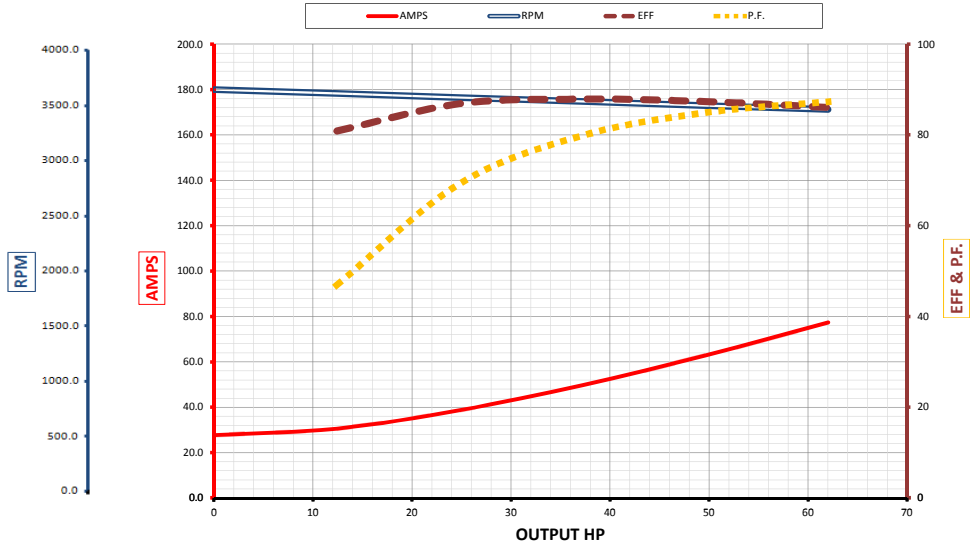


MOTOR PERFORMANCE DATA

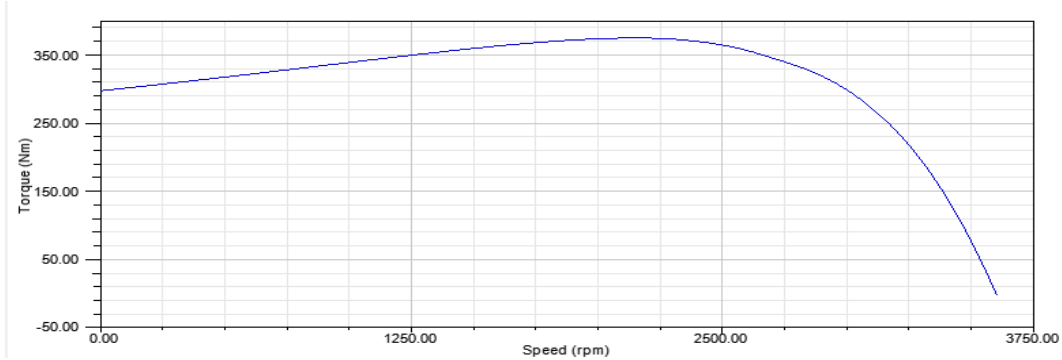
Model: **6" 2P Submersible Motor**

WATER	Type	50	HP	63	AMPS	Date: 23/06/2014 50 HP 3460 RPM 850 mm Stack
3	Phase	460	Volt	3460	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	103	Nm	No Load	0	0	1.7	0	0.08	3600	27.7
Break Down Torque	375	Nm	25%	9.3	12.4	11.4	80.9	0.47	3565	30.6
Locked Rotor Torque	297	Nm	50%	18.5	24.8	21.3	86.9	0.69	3530	38.7
Locked Rotor Current	377	Amps	75%	27.8	37.2	31.6	87.9	0.80	3495	49.7
Winding Resistance	0.35	Ohms	100%	37.0	49.6	42.4	87.3	0.85	3460	62.8
Weight (With Water)	170	Kg (Approximate)	125%	46.3	62.0	53.7	86.1	0.87	3425	77.3



OUTPUT TORQUE VS SPEED



ADDITIONAL INPUT WATTS DUE TO THRUST

