



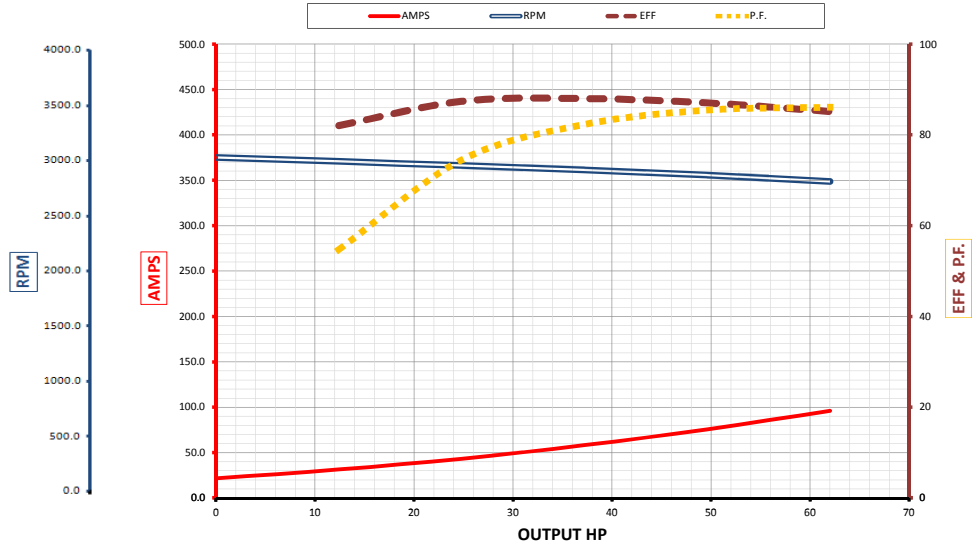
# MOTOR PERFORMANCE DATA

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

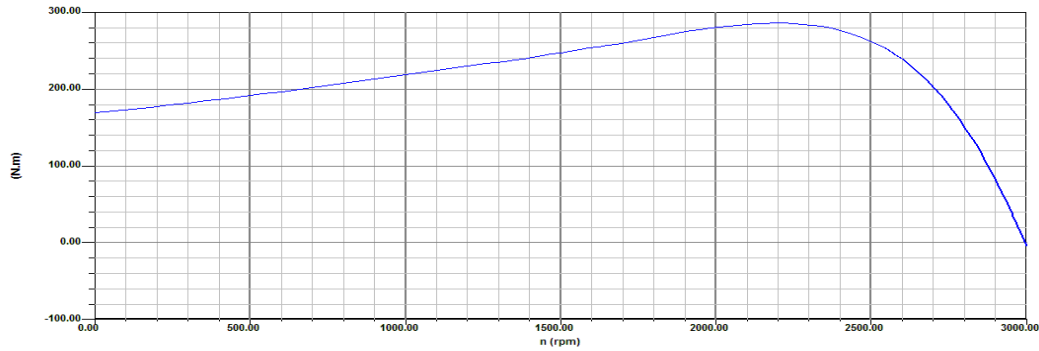
<b>WATER</b>	Type	50	HP	76	AMPS
3	Phase	380	Volt	2845	RPM
1.15	S.F.	30Deg.C	Max.Amb.Water	50	Hertz
				4540	Kg Thrust Load

<b>Date: 4/06/2013</b>	
50	HP
2845	RPM
570	mm Stack

			Load	KW out	HP	KW in	EFF	P.F.	RPM	AMPS
Full Load Torque	124	Nm	No Load	0	0	2	0	0.12	3000	21.7
Break Down Torque	286	Nm	25%	9	12	11	82.0	0.55	2965	31.4
Locked Rotor Torque	169	Nm	50%	19	25	21	87.4	0.74	2930	43.3
Locked Rotor Current	352	Amps	75%	28	37	32	88.0	0.82	2890	58.2
Winding Resistance	0.19	Ohms	100%	37	50	43	87.0	0.85	2845	75.7
Weight (With Water)	160	Kg (Approximate)	125%	46	62	54	85.1	0.86	2790	96.0



OUTPUT TORQUE VS SPEED



ADDITIONAL INPUT WATTS DUE TO THRUST

