



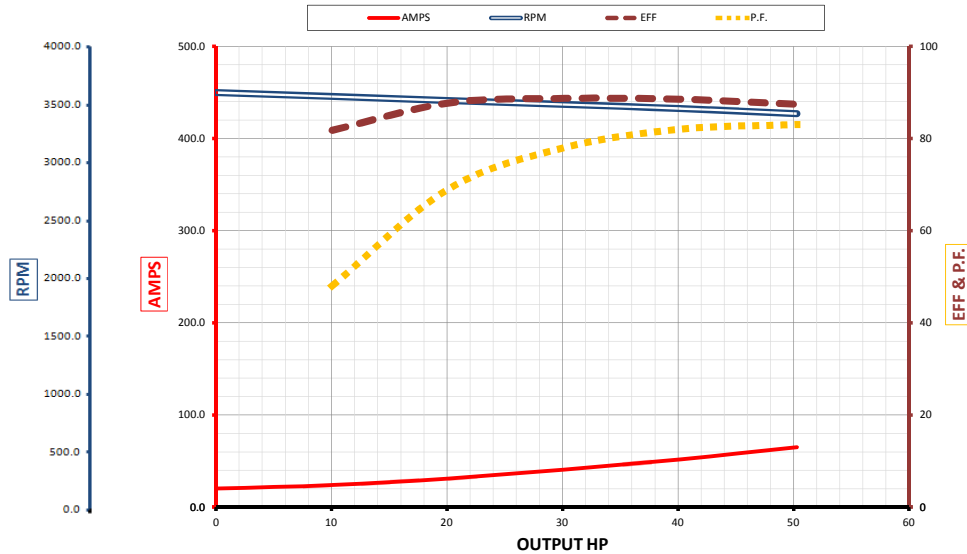
MOTOR PERFORMANCE DATA

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

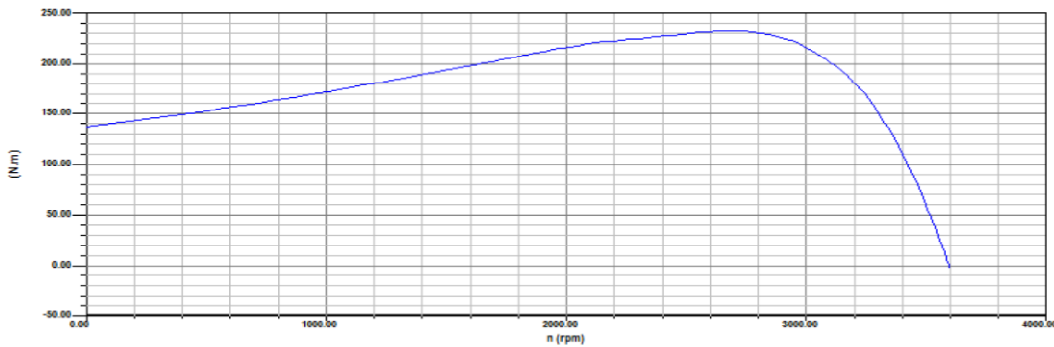
WATER Type	40	HP	52	AMPS
3 Phase	460	Volt	3460	RPM
1.15 S.F.	30Deg.C	Max.Amb.Water	60	Hertz
			4540	Kg Thrust Load

Date:	23/06/2014
40	HP
3460	RPM
420	mm Stack

			Load	KW out	HP	KW in	EFF	P.F.	RPM	AMPS
Full Load Torque	83	Nm	No Load	0	0	1.3	0	0.08	3600	20.4
Break Down Torque	233	Nm	25%	7.5	10	9.2	81.8	0.48	3565	24.1
Locked Rotor Torque	137	Nm	50%	15.0	20	17.1	87.7	0.69	3530	31.1
Locked Rotor Current	290	Amps	75%	22.5	30	25.4	88.7	0.78	3495	40.9
Winding Resistance	0.33	Ohms	100%	30.0	40	33.9	88.5	0.82	3460	51.9
Weight (With Water)	120	Kg (Approximate)	125%	37.5	50	42.9	87.4	0.83	3415	64.9



OUTPUT TORQUE VS SPEED



ADDITIONAL INPUT WATTS DUE TO THRUST

