

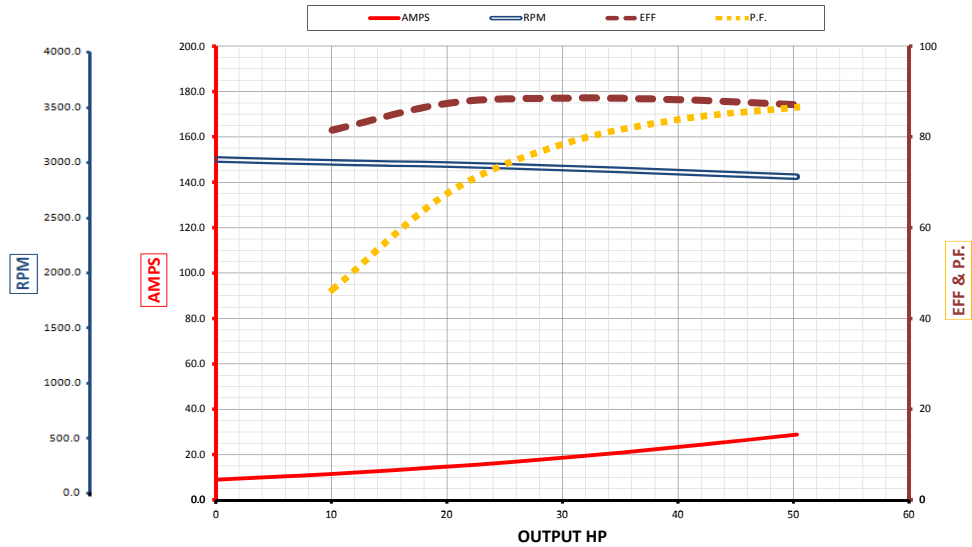


MOTOR PERFORMANCE DATA

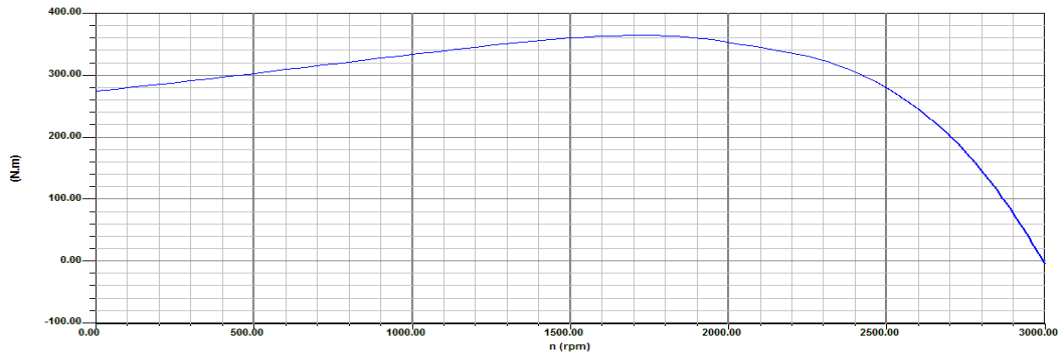
Model: **8" 2P Submersible Motor**

WATER	Type	40	HP	23	AMPS	Date: 14/11/2013 40 HP 2890 RPM 500 mm Stack
3	Phase	1000	Volt	2890	RPM	
1.15	S.F.	30Deg.C	Max.Amb.Water	50	Hertz	
				4540	Kg Thrust Load	

			Load	KW out	HP	KW in	EFF	P.F.	RPM	AMPS
Full Load Torque	100	Nm	No Load	0.0	0.0	2	0	0.10	3000	9.0
Break Down Torque	364	Nm	25%	7.5	10.1	9	81.4	0.46	2975	11.5
Locked Rotor Torque	275	Nm	50%	15.0	20.1	17	87.4	0.68	2955	14.7
Locked Rotor Current	140	Amps	75%	22.5	30.2	25	88.5	0.79	2925	18.7
Winding Resistance	1.39	Ohms	100%	30.0	40.2	34	88.2	0.84	2890	23.4
Weight (With Water)	140	Kg (Approximate)	125%	37.5	50.3	43	87.1	0.87	2850	28.8



OUTPUT TORQUE VS SPEED



ADDITIONAL INPUT WATTS DUE TO THRUST

