

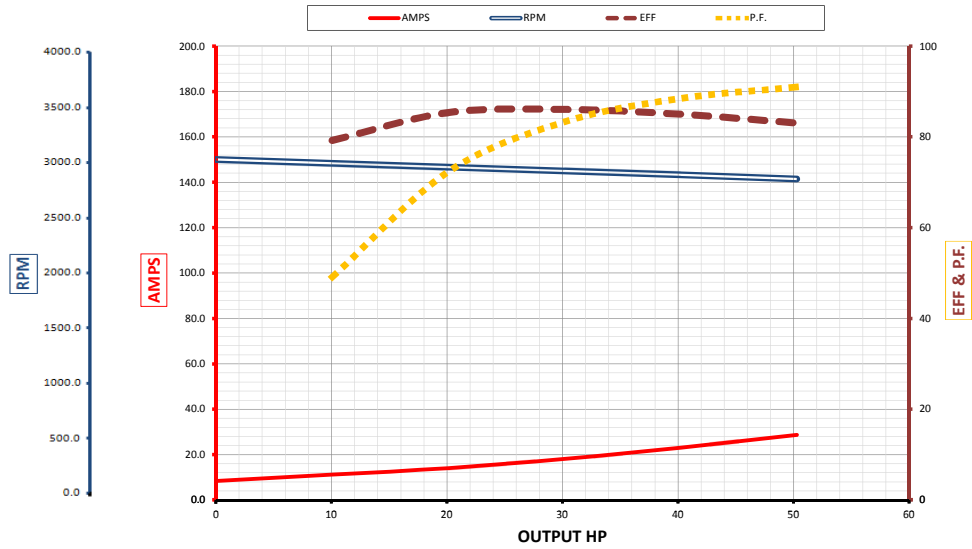


MOTOR PERFORMANCE DATA

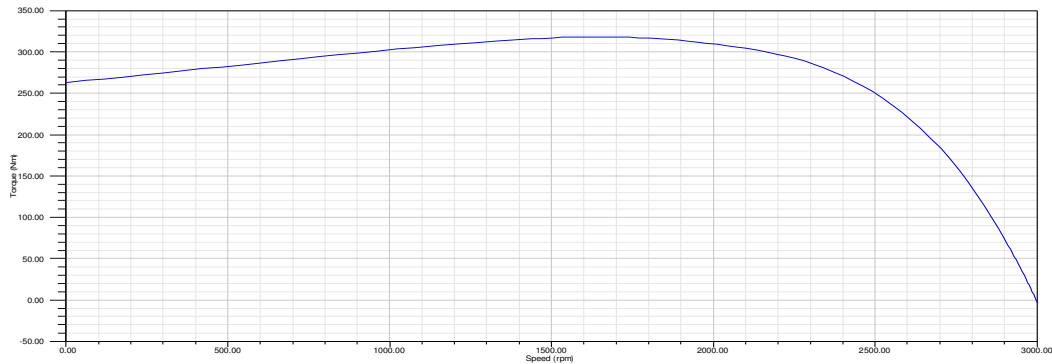
Model: **6" 2P Submersible Motor**

WATER	Type	40	HP	23	AMPS	Date: 13/11/2013 40 HP 2865 RPM 850 mm Stack
3	Phase	1000	Volt	2865	RPM	
1.15	S.F.	30Deg.C	Max.Amb.Water	50	Hertz	
				2270	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	0.11	3000	8.4
Break Down Torque	318	Nm	25%	7.5	10.1	10	79.3	0.49	2966	11.2
Locked Rotor Torque	263	Nm	50%	15.0	20.1	18	85.4	0.72	2933	14.1
Locked Rotor Current	139	Amps	75%	22.5	30.2	26	86.0	0.83	2899	18.1
Winding Resistance	2.74	Ohms	100%	30.0	40.2	35	85.0	0.88	2865	23.1
Weight (With Water)	165	Kg (Approximate)	125%	37.5	50.3	45	83.1	0.91	2830	28.7



OUTPUT TORQUE VS SPEED



ADDITIONAL INPUT WATTS DUE TO THRUST

