

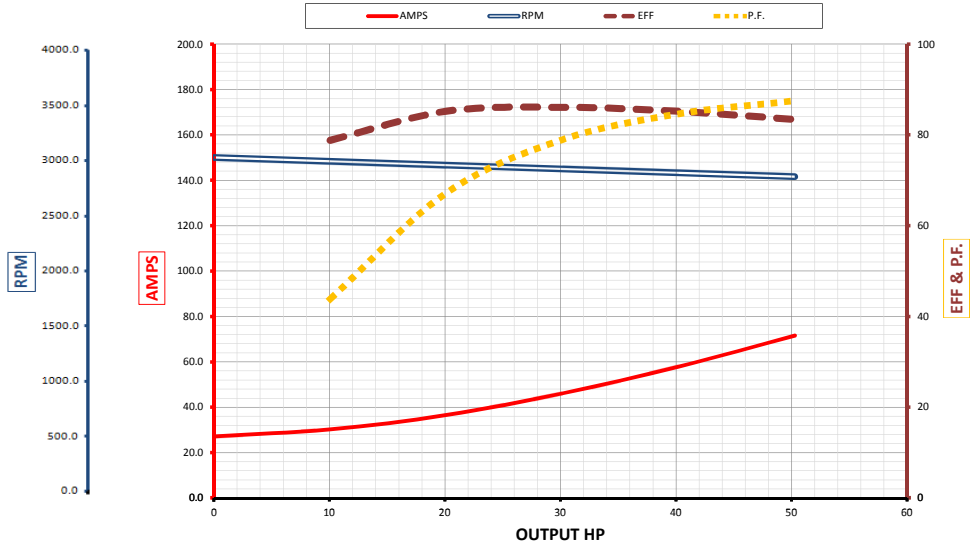


MOTOR PERFORMANCE DATA

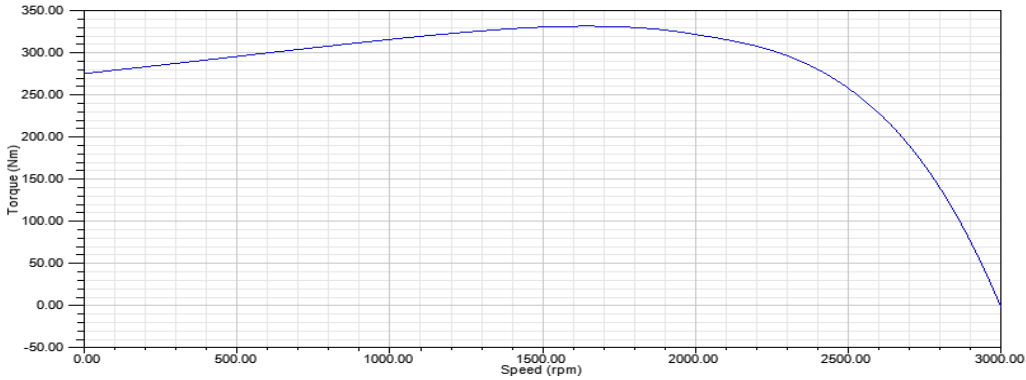
Model: **6" 2P Submersible Motor**

WATER	Type	40	HP	58	AMPS	Date: 16/06/2014 40 HP 2865 RPM 850 mm Stack
3	Phase	415	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	1.5	0	0.08	3000	27.1
Break Down Torque	331	Nm	25%	7.5	10.1	9.5	78.8	0.44	2966	30.2
Locked Rotor Torque	275	Nm	50%	15.0	20.1	17.6	85.2	0.67	2933	36.5
Locked Rotor Current	347	Amps	75%	22.5	30.2	26.1	86.1	0.79	2899	46.1
Winding Resistance	0.46	Ohms	100%	30.0	40.2	35.2	85.2	0.85	2865	57.9
Weight (With Water)	165	Kg (Approximate)	125%	37.5	50.3	45.0	83.4	0.87	2831	71.6



OUTPUT TORQUE VS SPEED



ADDITIONAL INPUT WATTS DUE TO THRUST

