

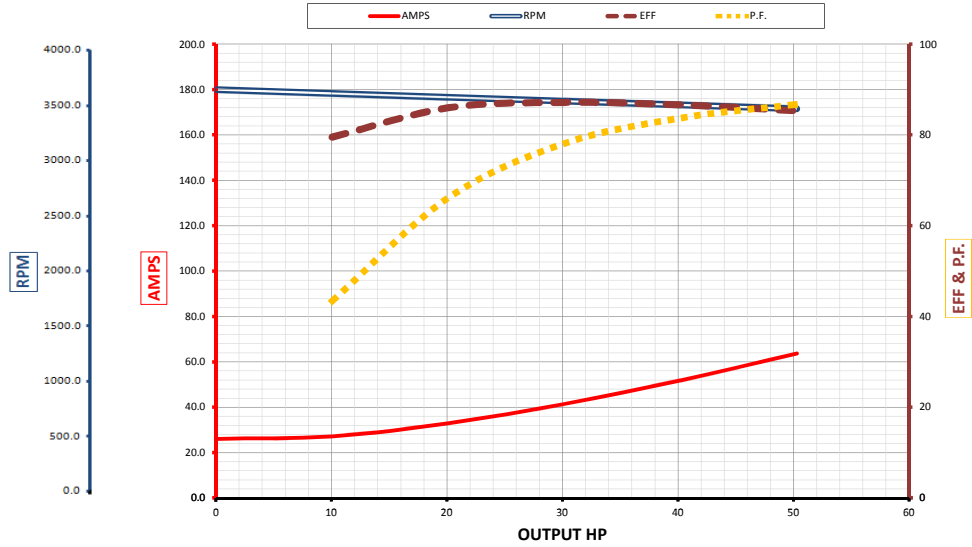


MOTOR PERFORMANCE DATA

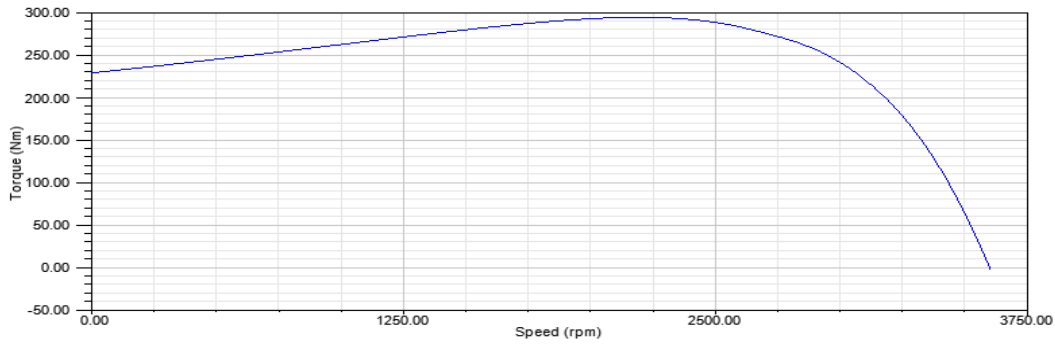
Model: **6" 2P Submersible Motor**

WATER	Type	40	HP	52	AMPS	Date: 23/06/2014 40 HP 3465 RPM 700 mm Stack
3	Phase	460	Volt	3465	RPM	
1.15	S.F.	30Deg.C	Max.Amb.Water	60	Hertz	
				2270	Kg Thrust Load	

			Load	KW out	HP	KW in	EFF	P.F.	RPM	AMPS
Full Load Torque	83	Nm	No Load	0	0	1.5	0	0.07	3600	26.1
Break Down Torque	294	Nm	25%	7.5	10.1	9.4	79.5	0.43	3566	27.2
Locked Rotor Torque	229	Nm	50%	15.0	20.1	17.4	86.0	0.66	3533	33.0
Locked Rotor Current	311	Amps	75%	22.5	30.2	25.8	87.2	0.78	3499	41.5
Winding Resistance	0.49	Ohms	100%	30.0	40.2	34.6	86.6	0.84	3465	51.9
Weight (With Water)	140	Kg (Approximate)	125%	37.5	50.3	44.0	85.3	0.87	3431	63.7



OUTPUT TORQUE VS SPEED



ADDITIONAL INPUT WATTS DUE TO THRUST

