

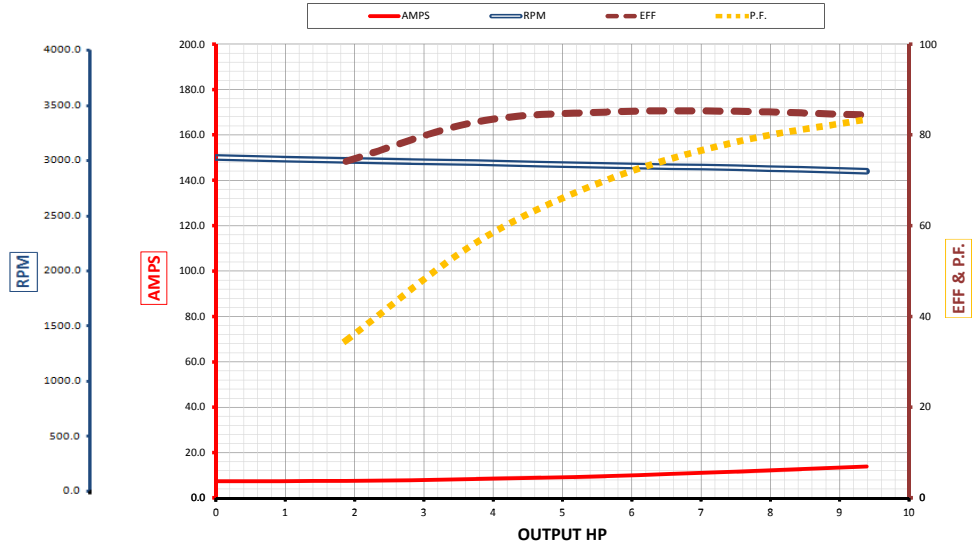


MOTOR PERFORMANCE DATA

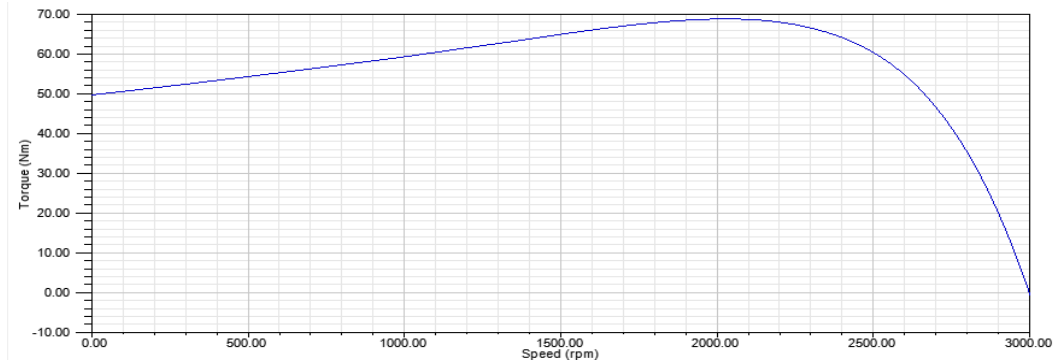
Model: **6" 2P Submersible Motor**

WATER	Type	7.5	HP	12	AMPS	Date: 3/07/2014 7.5 HP 2910 RPM 280 mm Stack
3	Phase	415	Volt	2910	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	18	Nm	No Load	0	0	0.4		0.07	3000	7.5
Break Down Torque	69	Nm	25%	1.4	1.9	1.9	74.1	0.35	2975	7.6
Locked Rotor Torque	50	Nm	50%	2.8	3.8	3.4	82.8	0.56	2955	8.4
Locked Rotor Current	70	Amps	75%	4.2	5.6	4.9	85.0	0.70	2930	9.7
Winding Resistance	2.37	Ohms	100%	5.6	7.5	6.6	85.2	0.78	2910	11.7
Weight (With Water)	60	Kg (Approximate)	125%	7.0	9.4	8.3	84.3	0.83	2880	13.9



OUTPUT TORQUE VS SPEED



ADDITIONAL INPUT WATTS DUE TO THRUST

