

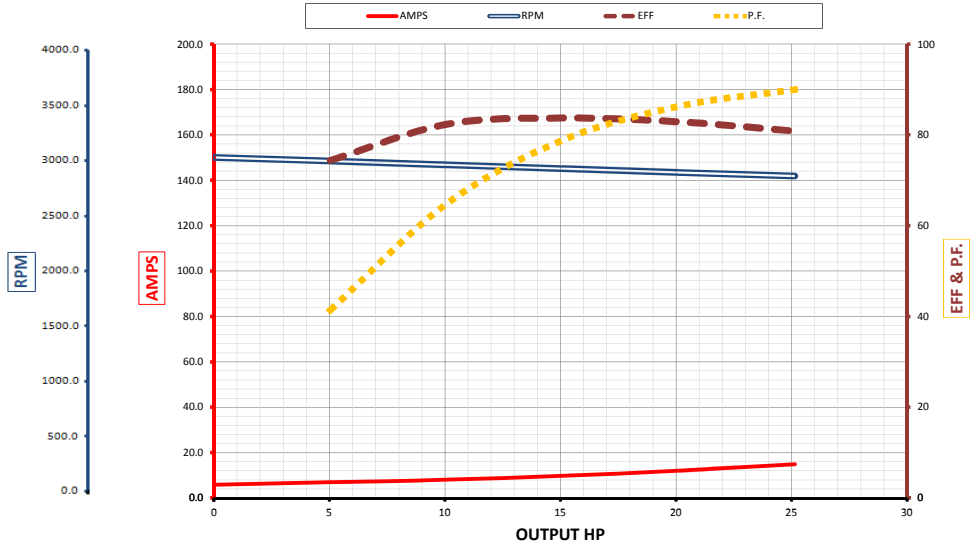


MOTOR PERFORMANCE DATA

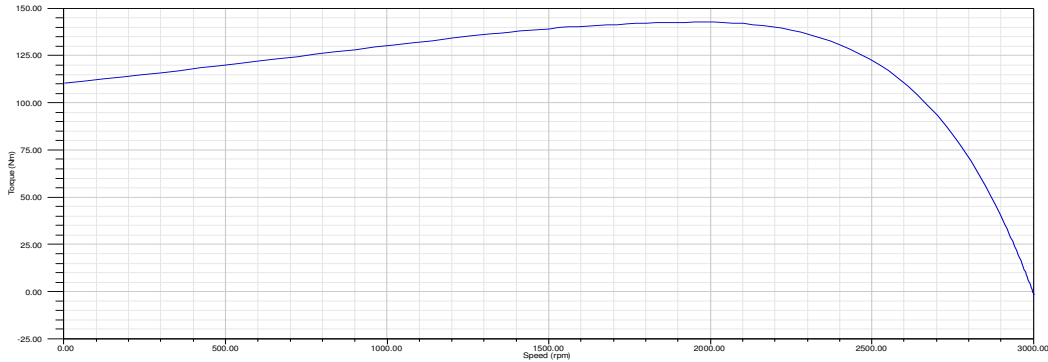
Model: **6" 2P Submersible Motor**

WATER	Type	20	HP	12	AMPS	Date: 11/11/2013 20 HP 2870 RPM 450 mm Stack
3	Phase	1000	Volt	2870	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	50	Nm	No Load	0	0	1	0	0.11	3000	5.9
Break Down Torque	143	Nm	25%	3.8	5.0	5	74.3	0.41	2968	7.0
Locked Rotor Torque	110	Nm	50%	7.5	10.1	9	82.3	0.65	2935	8.1
Locked Rotor Current	73	Amps	75%	11.3	15.1	13	83.7	0.79	2903	9.8
Winding Resistance	6.91	Ohms	100%	15.0	20.1	18	82.9	0.86	2870	12.1
Weight (With Water)	90	Kg (Approximate)	125%	18.8	25.1	23	80.8	0.90	2838	14.9



OUTPUT TORQUE VS SPEED



ADDITIONAL INPUT WATTS DUE TO THRUST

