

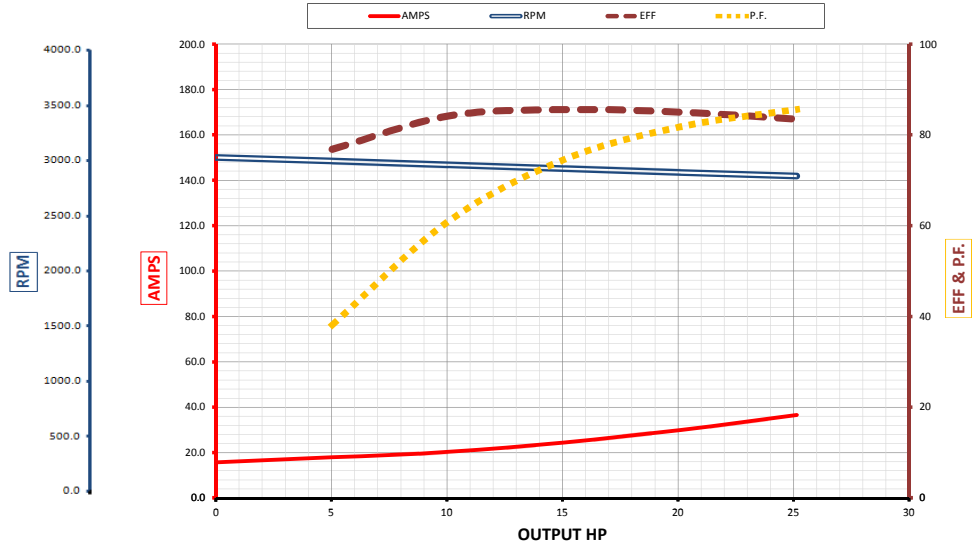


MOTOR PERFORMANCE DATA

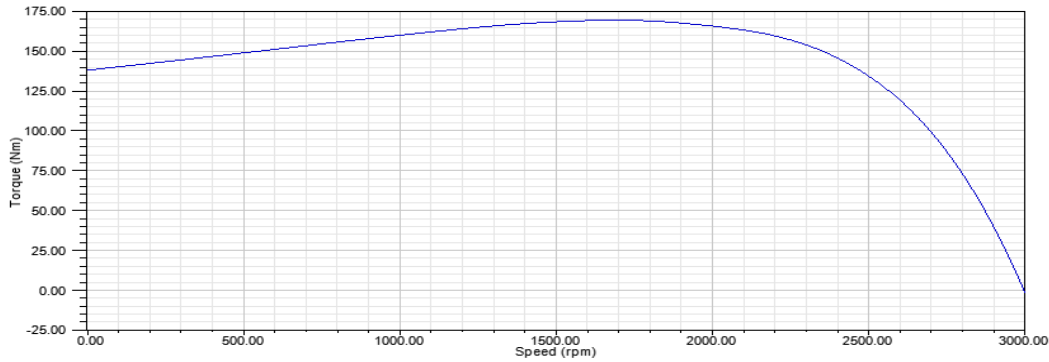
Model: **6" 2P Submersible Motor**

WATER	Type	20	HP	30	AMPS	Date: 19/06/2014 20 HP 2870 RPM 450 mm Stack
3	Phase	415	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	0.8	0	0.07	3000	15.7
Break Down Torque	169	Nm	25%	3.8	5.0	4.9	76.9	0.38	2968	17.9
Locked Rotor Torque	138	Nm	50%	7.5	10.1	8.9	84.2	0.61	2935	20.3
Locked Rotor Current	180	Amps	75%	11.3	15.1	13.1	85.6	0.75	2903	24.5
Winding Resistance	0.90	Ohms	100%	15.0	20.1	17.6	85.0	0.82	2870	30.0
Weight (With Water)	90	Kg (Approximate)	125%	18.8	25.1	22.5	83.5	0.86	2838	36.6



OUTPUT TORQUE VS SPEED



ADDITIONAL INPUT WATTS DUE TO THRUST

