

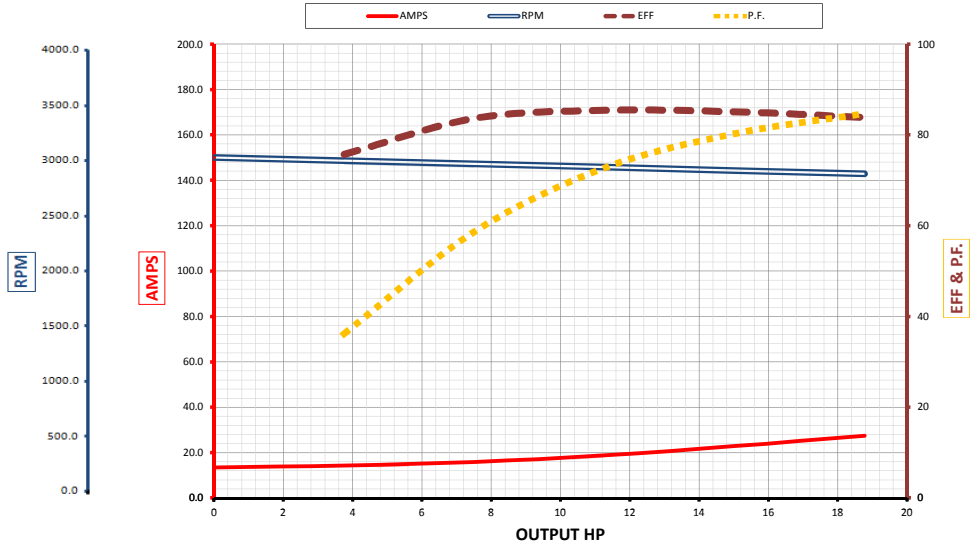


MOTOR PERFORMANCE DATA

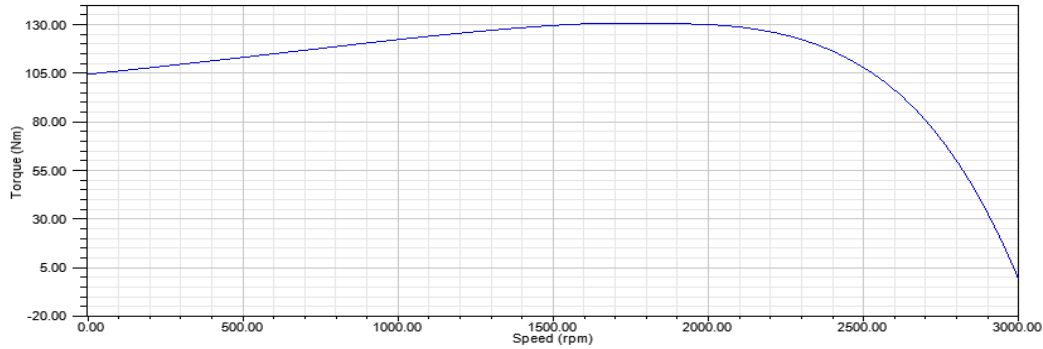
Model: **6" 2P Submersible Motor**

WATER	Type	15	HP	23	AMPS	Date: 16/06/2014 15 HP 2885 RPM 390 mm Stack
3	Phase	415	Volt	2885	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	37	Nm	No Load	0	0	0.6	0	0.07	3000	13.4
Break Down Torque	131	Nm	25%	2.8	3.8	3.7	75.7	0.36	2971	14.3
Locked Rotor Torque	104	Nm	50%	5.6	7.5	6.7	83.7	0.59	2943	15.9
Locked Rotor Current	137	Amps	75%	8.4	11.3	9.8	85.4	0.73	2914	18.8
Winding Resistance	1.19	Ohms	100%	11.2	15.0	13.2	85.1	0.80	2885	22.9
Weight (With Water)	80	Kg (Approximate)	125%	14.0	18.8	16.7	83.9	0.85	2856	27.5



OUTPUT TORQUE VS SPEED



ADDITIONAL INPUT WATTS DUE TO THRUST

