



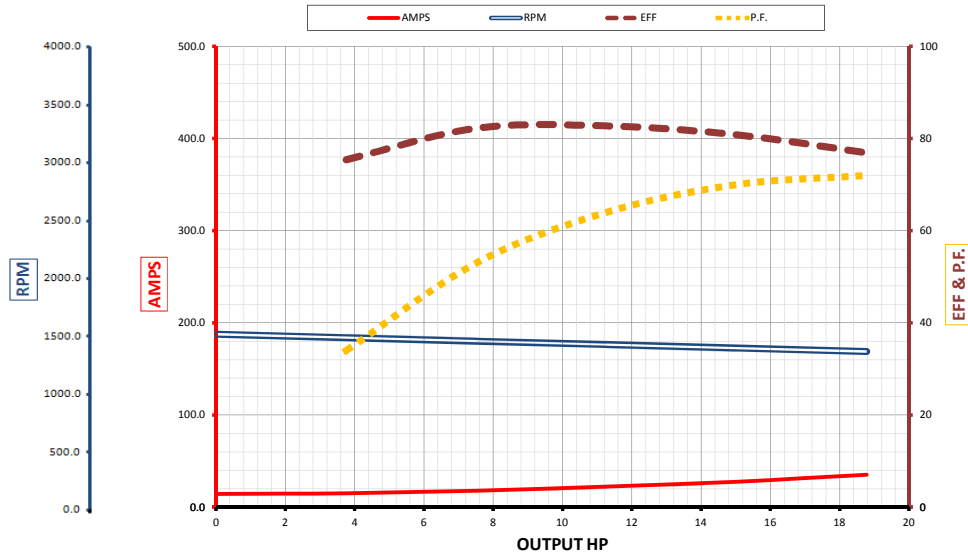
# MOTOR PERFORMANCE DATA

Model: **8" 4P Submersible Motor**

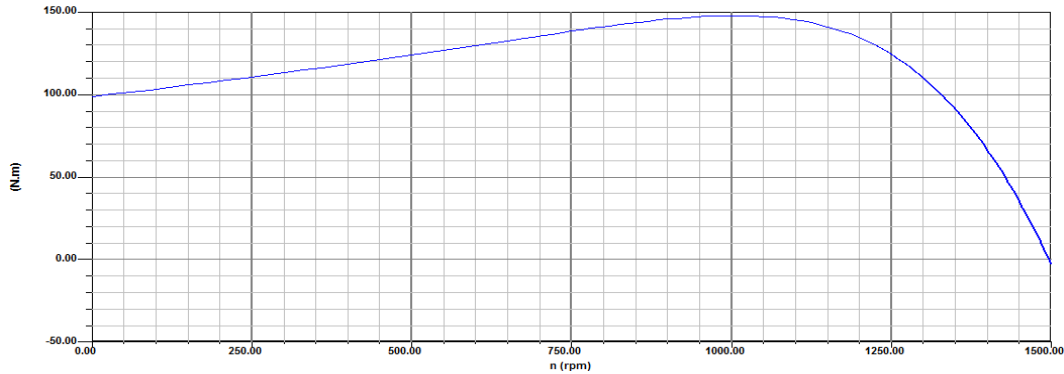
<b>WATER</b> Type	15	HP	28	AMPS
3 Phase	415	Volt	1380	RPM
1.15 S.F.	30Deg.C	Max.Amb.Water	50	Hertz
			4540	Kg Thrust Load

Date:	16/06/2014
15	HP
1380	RPM
420	mm Stack

			Load	KW out	HP	KW in	EFF	P.F.	RPM	AMPS
Full Load Torque	78	Nm	No Load	0	0	0.6	0	0.06	1500	14.4
Break Down Torque	148	Nm	25%	2.8	3.8	3.7	75.4	0.34	1470	15.2
Locked Rotor Torque	99	Nm	50%	5.6	7.5	6.8	82.2	0.53	1440	17.9
Locked Rotor Current	88	Amps	75%	8.4	11.3	10.2	82.7	0.64	1410	22.2
Winding Resistance	1	Ohms	100%	11.2	15.0	13.9	80.8	0.70	1380	27.7
Weight (With Water)	120	Kg (Approximate)	125%	14.0	18.8	18.2	76.9	0.72	1350	35.2



OUTPUT TORQUE VS SPEED



ADDITIONAL INPUT WATTS DUE TO THRUST

