



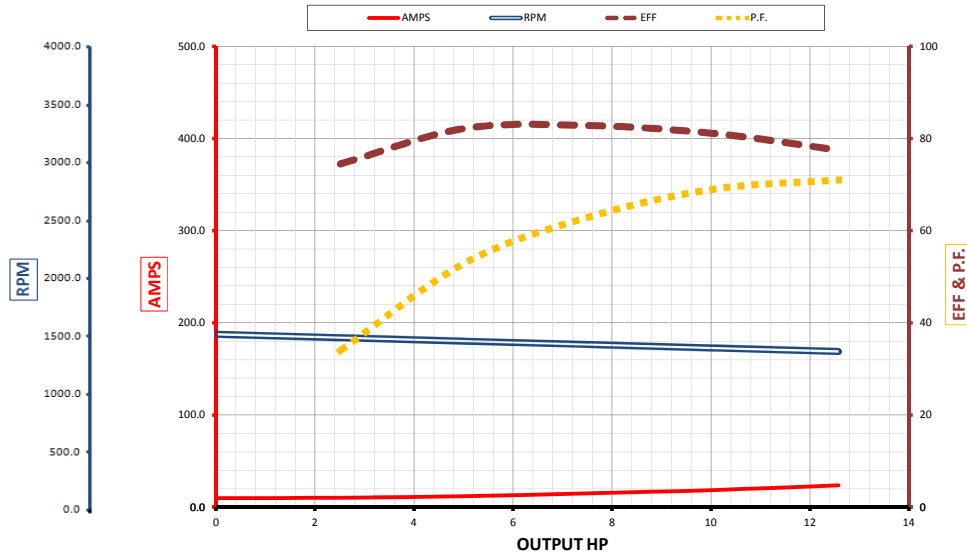
# MOTOR PERFORMANCE DATA

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

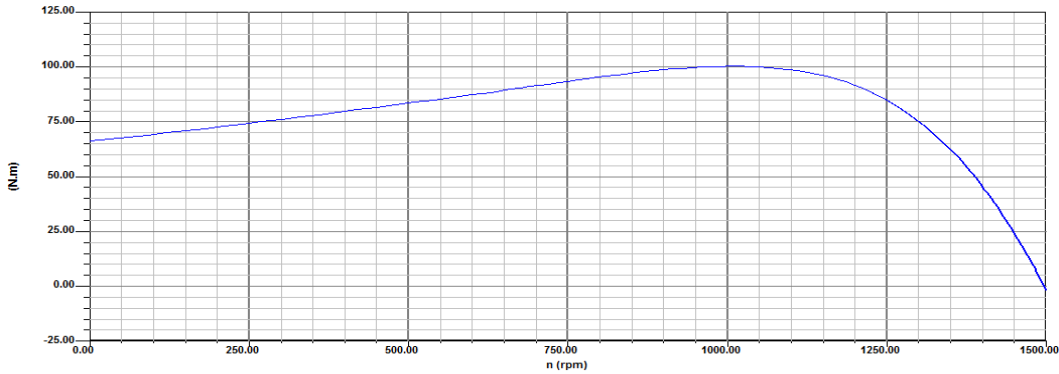
<b>WATER</b> Type	10	HP	19	AMPS
3 Phase	415	Volt	1380	RPM
1.15 S.F.	30Deg.C	Max.Amb.Water	50	Hertz
			4540	Kg Thrust Load

Date:	16/06/2014
10	HP
1380	RPM
280	mm Stack

			Load	KW out	HP	KW in	EFF	P.F.	RPM	AMPS
Full Load Torque	52	Nm	No Load	0	0	0.4	0	0.06	1500	10.0
Break Down Torque	100	Nm	25%	1.9	2.5	2.5	74.5	0.34	1470	10.2
Locked Rotor Torque	66	Nm	50%	3.8	5.0	4.6	82.2	0.53	1440	12.1
Locked Rotor Current	60	Amps	75%	5.6	7.5	6.8	82.8	0.63	1410	15.0
Winding Resistance	1.5	Ohms	100%	7.5	10.1	9.2	81.1	0.69	1380	18.6
Weight (With Water)	80	Kg (Approximate)	125%	9.4	12.6	12.1	77.5	0.71	1350	23.7



OUTPUT TORQUE VS SPEED



ADDITIONAL INPUT WATTS DUE TO THRUST

