



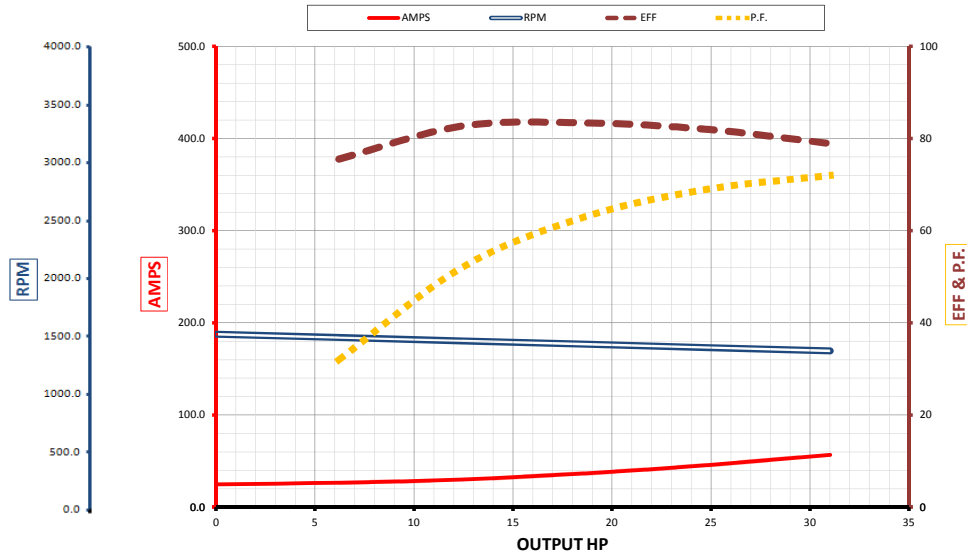
# MOTOR PERFORMANCE DATA

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

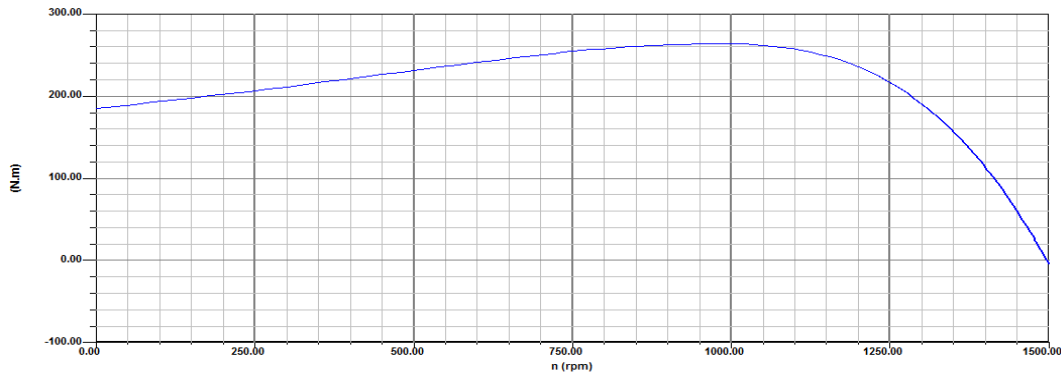
<b>WATER</b> Type	25	HP	46	AMPS
3 Phase	415	Volt	1385	RPM
1.15 S.F.	30Deg.C	Max.Amb.Water	50	Hertz
			4540	Kg Thrust Load

Date:	16/06/2014
25	HP
1385	RPM
570	mm Stack

			Load	KW out	HP	KW in	EFF	P.F.	RPM	AMPS
Full Load Torque	128	Nm	No Load	0	0	1.1	0	0.06	1500	24.8
Break Down Torque	264	Nm	25%	4.6	6.2	6.1	75.5	0.32	1471	26.6
Locked Rotor Torque	185	Nm	50%	9.3	12.4	11.2	82.7	0.52	1443	30.0
Locked Rotor Current	155	Amps	75%	13.9	18.6	16.6	83.4	0.63	1414	36.7
Winding Resistance	57	Ohms	100%	18.5	24.8	22.6	82.0	0.69	1385	45.6
Weight (With Water)	160	Kg (Approximate)	125%	23.1	31.0	29.3	78.9	0.72	1356	56.7



OUTPUT TORQUE VS SPEED



ADDITIONAL INPUT WATTS DUE TO THRUST

