



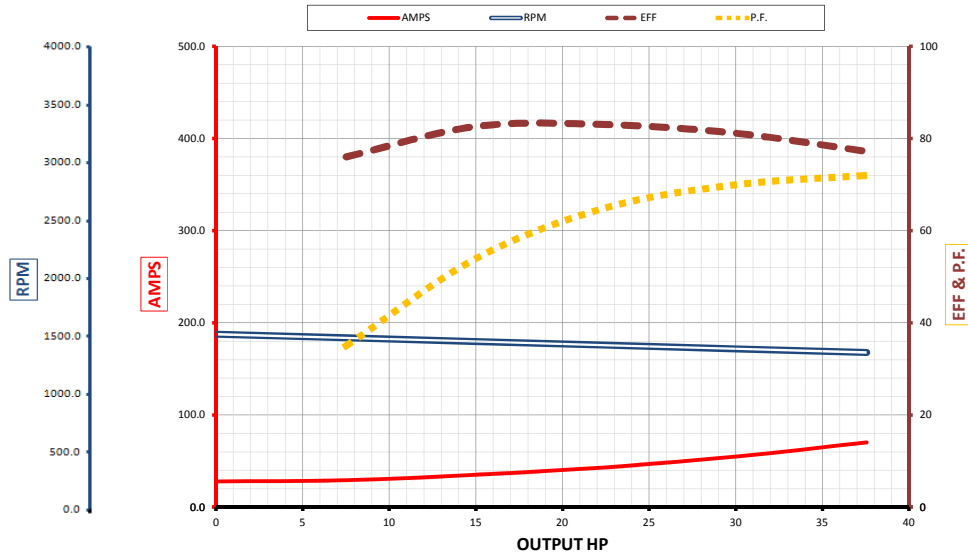
MOTOR PERFORMANCE DATA

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

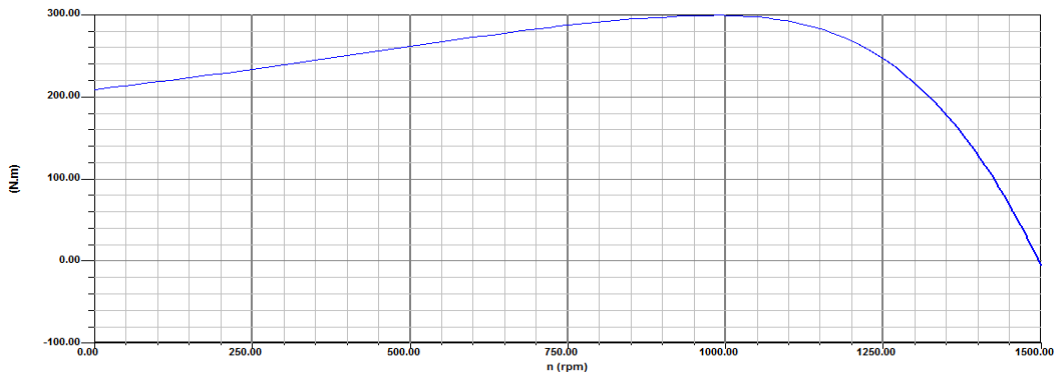
WATER Type	30 HP	55 AMPS
3 Phase	415 Volt	1375 RPM
1.15 S.F.	30Deg.C Max.Amb.Water	50 Hertz
		4540 Kg Thrust Load

Date: 16/06/2014
30 HP
1375 RPM
670 mm Stack

			Load	KW out	HP	KW in	EFF	P.F.	RPM	AMPS
Full Load Torque	155	Nm	No Load	0	0	1.2	0	0.06	1500	27.9
Break Down Torque	300	Nm	25%	5.6	7.5	7.4	76.0	0.35	1469	29.4
Locked Rotor Torque	209	Nm	50%	11.2	15.0	13.6	82.6	0.54	1438	35.1
Locked Rotor Current	174	Amps	75%	16.8	22.5	20.2	83.0	0.65	1406	43.3
Winding Resistance	0.5	Ohms	100%	22.4	30.0	27.6	81.1	0.70	1375	54.9
Weight (With Water)	190	Kg (Approximate)	125%	28.0	37.5	36.3	77.2	0.72	1344	70.2



OUTPUT TORQUE VS SPEED



ADDITIONAL INPUT WATTS DUE TO THRUST

