



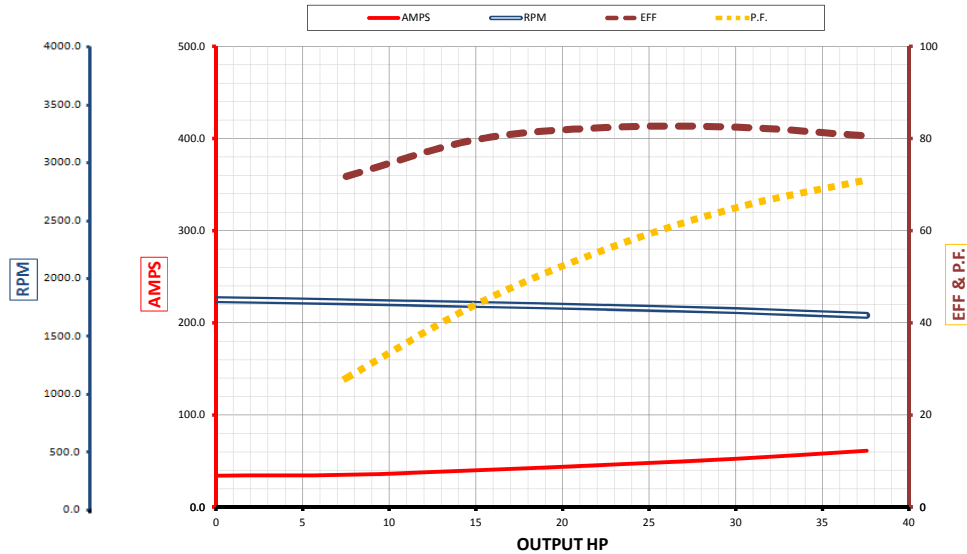
MOTOR PERFORMANCE DATA

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

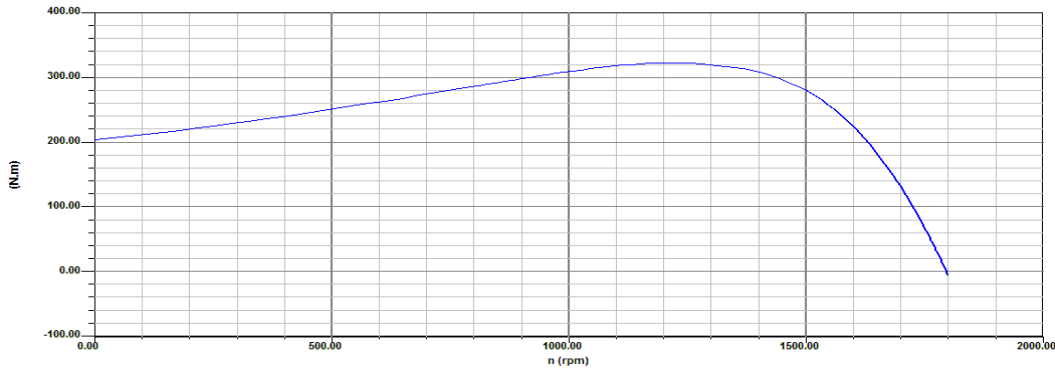
WATER Type	30 HP	53 AMPS
3 Phase	460 Volt	1705 RPM
1.15 S.F.	30Deg.C Max.Amb.Water	60 Hertz
		4540 Kg Thrust Load

Date: 14/08/2013
30 HP
1705 RPM
570 mm Stack

			Load	KW out	HP	KW in	EFF	P.F.	RPM	AMPS
Full Load Torque	125	Nm	No Load	0	0	2	0	0.07	1800	34.1
Break Down Torque	323	Nm	25%	5.6	8	8	71.8	0.28	1782	35.0
Locked Rotor Torque	205	Nm	50%	11.2	15	14	79.8	0.44	1759	40.0
Locked Rotor Current	208	Amps	75%	16.8	23	20	82.4	0.56	1735	45.8
Winding Resistance	0.48	Ohms	100%	22.4	30	27	82.5	0.65	1705	52.6
Weight (With Water)	160	Kg (Approximate)	125%	28.0	38	35	80.6	0.71	1665	61.4



OUTPUT TORQUE VS SPEED



ADDITIONAL INPUT WATTS DUE TO THRUST

