



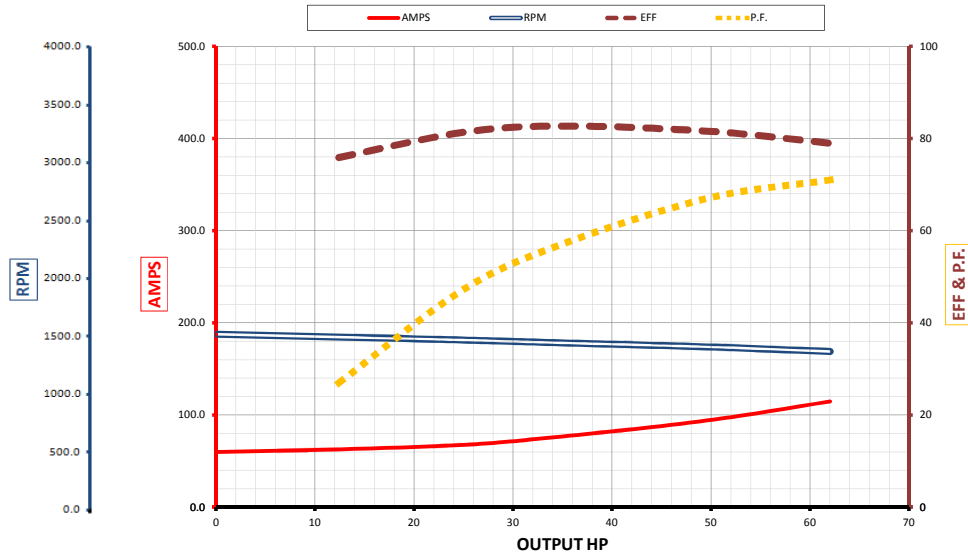
MOTOR PERFORMANCE DATA

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

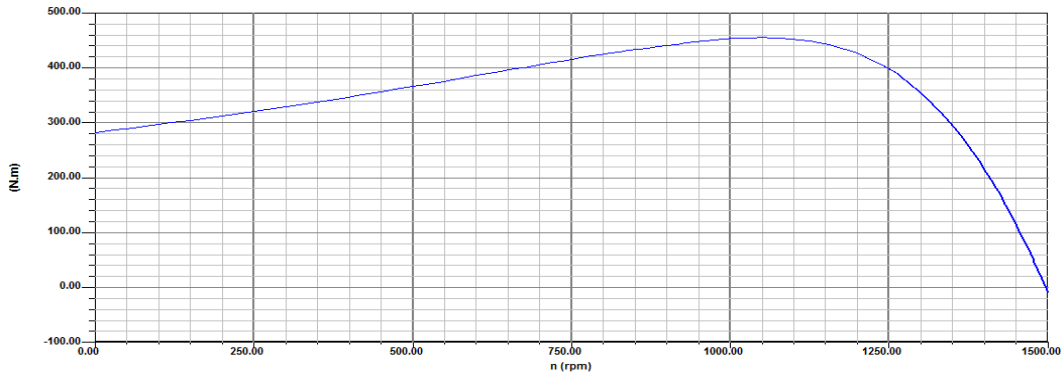
WATER Type	50	HP	94	AMPS
3 Phase	415	Volt	1390	RPM
1.15 S.F.	30Deg.C	Max.Amb.Water	50	Hertz
			4540	Kg Thrust Load

Date:	16/06/2014
50	HP
1390	RPM
1000	mm Stack

			Load	KW out	HP	KW in	EFF	P.F.	RPM	AMPS
Full Load Torque	254	Nm	No Load	0	0	1.7	0	0.04	1500	60.0
Break Down Torque	455	Nm	25%	9.3	12	12.2	75.9	0.27	1475	62.9
Locked Rotor Torque	282	Nm	50%	18.5	25	22.8	81.3	0.47	1450	67.6
Locked Rotor Current	275	Amps	75%	26.0	35	31.4	82.7	0.57	1425	76.7
Winding Resistance	0.27	Ohms	100%	37.0	50	45.3	81.6	0.67	1390	94.2
Weight (With Water)	270	Kg (Approximate)	125%	46.3	62	58.5	79.0	0.71	1350	114.8



OUTPUT TORQUE VS SPEED



ADDITIONAL INPUT WATTS DUE TO THRUST

