

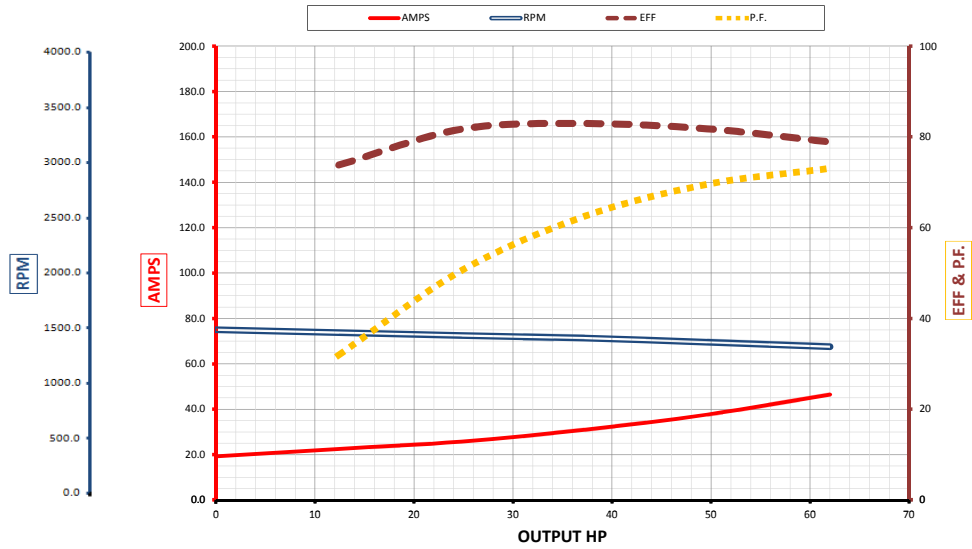


MOTOR PERFORMANCE DATA

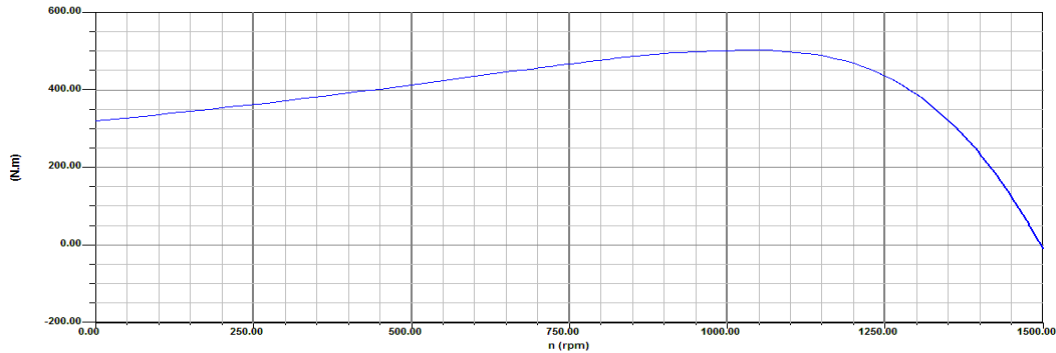
Model: **8" 4P Submersible Motor**

WATER	Type	50	HP	38	AMPS	Date: 3/12/2013 50 HP 1390 RPM 1000 mm Stack
3	Phase	1000	Volt	1390	RPM	
1.15	S.F.	30Deg.C	Max.Amb.Water	50	Hertz	
				4540	Kg Thrust Load	

			Load	KW out	HP	KW in	EFF	P.F.	RPM	AMPS
Full Load Torque	254	Nm	No Load	0	0	3	0	0.08	1500	19.3
Break Down Torque	502	Nm	25%	9.3	12	13	73.8	0.32	1475	22.6
Locked Rotor Torque	321	Nm	50%	18.5	25	23	81.7	0.51	1450	25.8
Locked Rotor Current	126	Amps	75%	27.8	37	34	82.9	0.62	1425	31.0
Winding Resistance	1.44	Ohms	100%	37.0	50	45	81.7	0.70	1390	37.7
Weight (With Water)	270	Kg (Approximate)	125%	46.3	62	59	78.8	0.73	1350	46.5



OUTPUT TORQUE VS SPEED



ADDITIONAL INPUT WATTS DUE TO THRUST

