

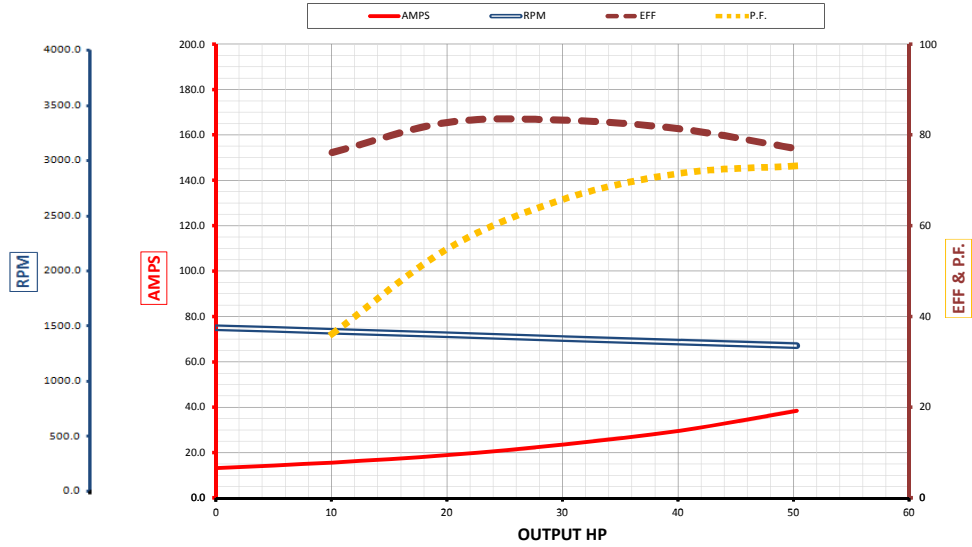


MOTOR PERFORMANCE DATA

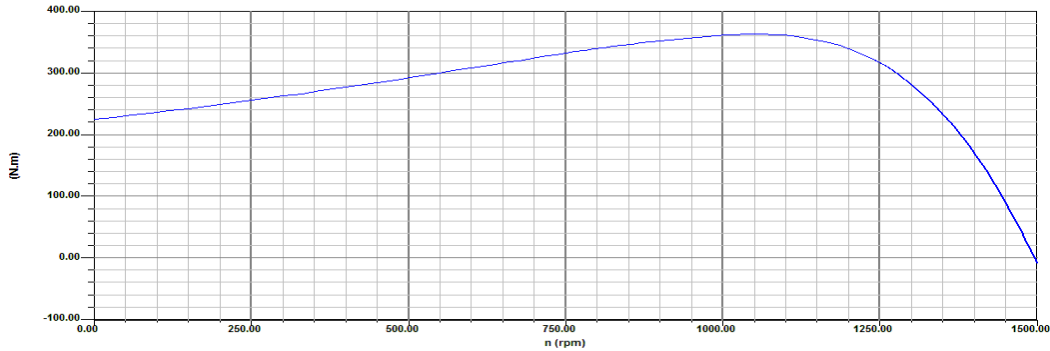
Model: **8" 4P Submersible Motor**

WATER	Type	40	HP	30	AMPS	Date: 3/12/2013 40 HP 1375 RPM 800 mm Stack
3	Phase	1000	Volt	1375	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	209	Nm	No Load	0	0	2	0	0.09	1500	13.2
Break Down Torque	363	Nm	25%	7.5	10	10	76.1	0.36	1470	15.7
Locked Rotor Torque	226	Nm	50%	15.0	20	18	82.8	0.55	1438	19.0
Locked Rotor Current	90	Amps	75%	22.5	30	27	83.2	0.66	1406	23.7
Winding Resistance	1.74	Ohms	100%	30.0	40	37	81.3	0.72	1375	29.8
Weight (With Water)	220	Kg (Approximate)	125%	37.5	50	49	77.0	0.73	1344	38.5



OUTPUT TORQUE VS SPEED



ADDITIONAL INPUT WATTS DUE TO THRUST

