

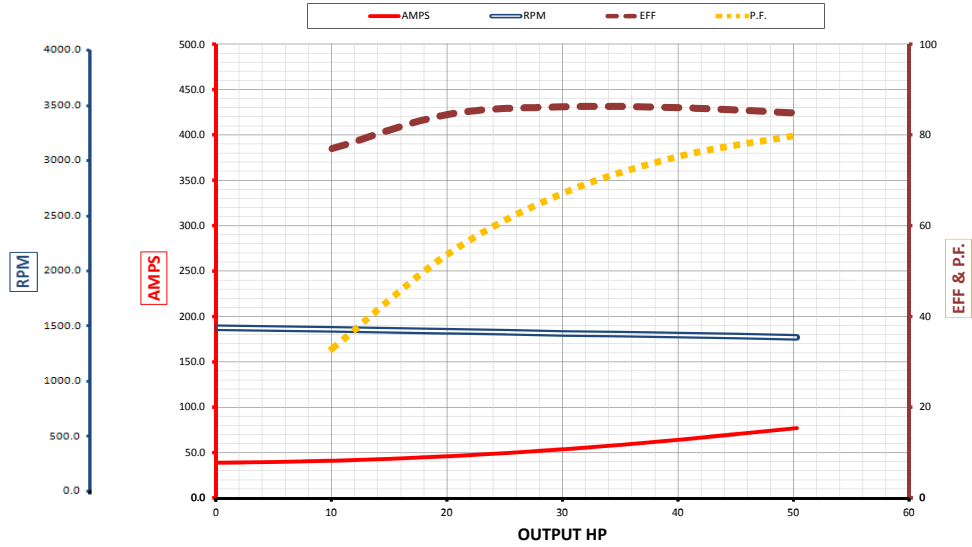


MOTOR PERFORMANCE DATA

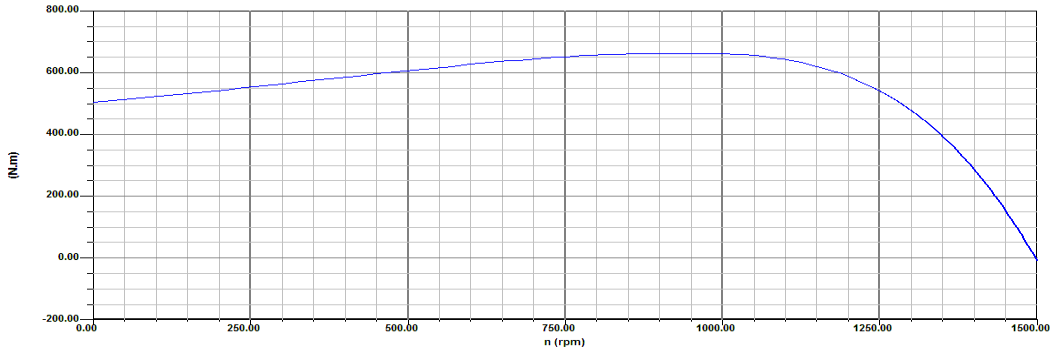
Model: **10" 4P Submersible Motor**

WATER	Type	40	HP	65	AMPS	Date: 18/06/2014 40 HP 1435 RPM 380 mm Stack
3	Phase	415	Volt	1435	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	200	Nm	No Load	0.0	0	1.5	0	0.05	1500	39.1
Break Down Torque	663	Nm	25%	7.5	10	9.7	77.0	0.33	1485	41.1
Locked Rotor Torque	504	Nm	50%	15.0	20	17.8	84.5	0.54	1470	46.1
Locked Rotor Current	387	Amps	75%	22.5	30	26.1	86.1	0.67	1450	54.0
Winding Resistance	0.32	Ohms	100%	30.0	40	34.9	85.9	0.75	1435	64.5
Weight (With Water)	170	Kg (Approximate)	125%	37.5	50	44.2	84.8	0.80	1415	77.1



OUTPUT TORQUE VS SPEED



ADDITIONAL INPUT WATTS DUE TO THRUST

