



MOTOR PERFORMANCE DATA

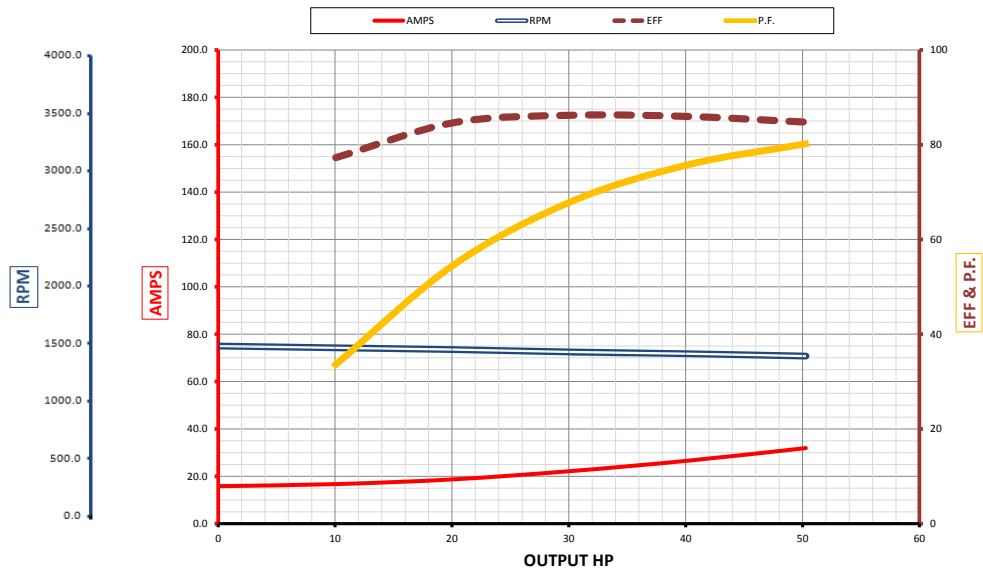
Model: **10" 4P Submersible Motor**

WATER	Type	40	HP
3	Phase	1000	Volt
1.15	S.F.	30Deg.C	Max.Amb.Water

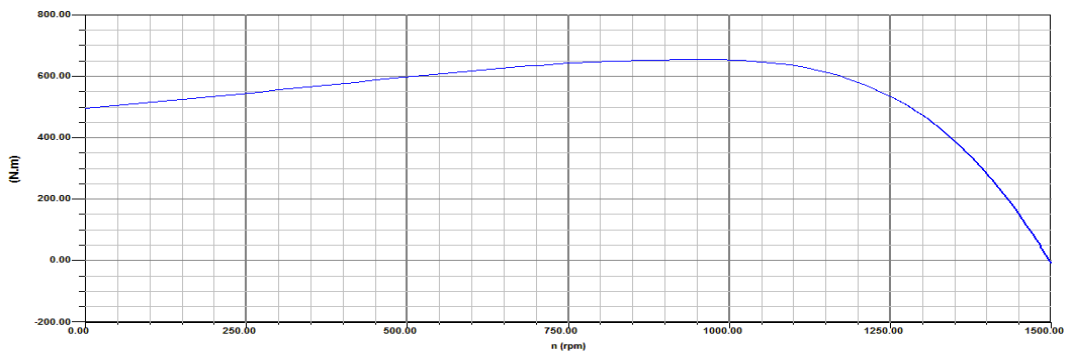
27	AMPS
1435	RPM
50	Hertz
4540	Kg Thrust Load

Date: 15/04/2015	
40	HP
1435	RPM
380	mm Stack

			Load	KW out	HP	KW in	EFF	P.F.	RPM	AMPS
Full Load Torque	200	Nm	No Load	0	0	2.3	0	0.08	1500	15.8
Break Down Torque	654	Nm	25%	7.5	10	9.7	77.3	0.34	1485	16.7
Locked Rotor Torque	496	Nm	50%	15.0	20	17.7	84.6	0.55	1470	18.7
Locked Rotor Current	160	Amps	75%	22.5	30	26.1	86.2	0.68	1450	22.2
Winding Resistance	2.12	Ohms	100%	30.0	40	34.9	86.0	0.76	1435	26.6
Weight (With Water)	170	Kg (Approximate)	125%	37.5	50	44.2	84.8	0.80	1415	31.9



OUTPUT TORQUE VS SPEED



ADDITIONAL INPUT WATTS DUE TO THRUST

