



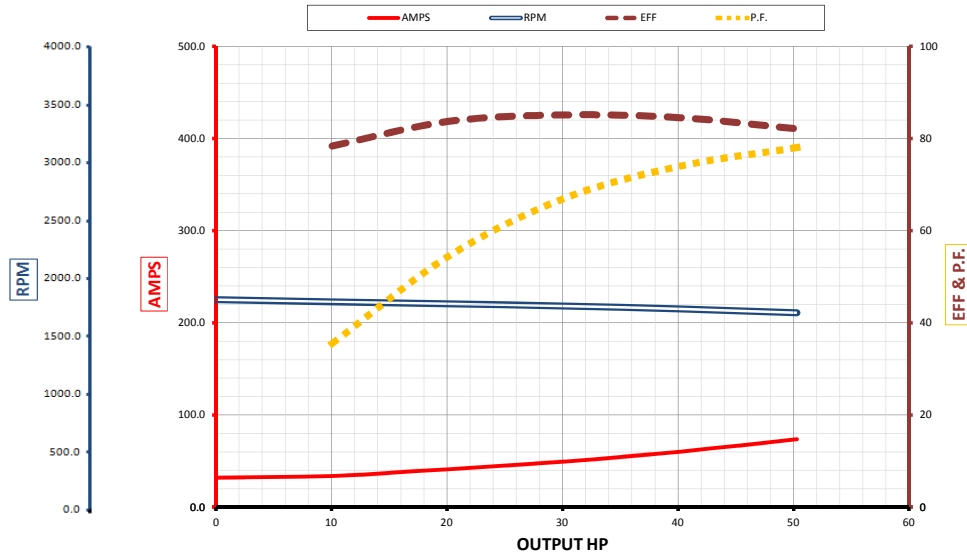
# MOTOR PERFORMANCE DATA

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

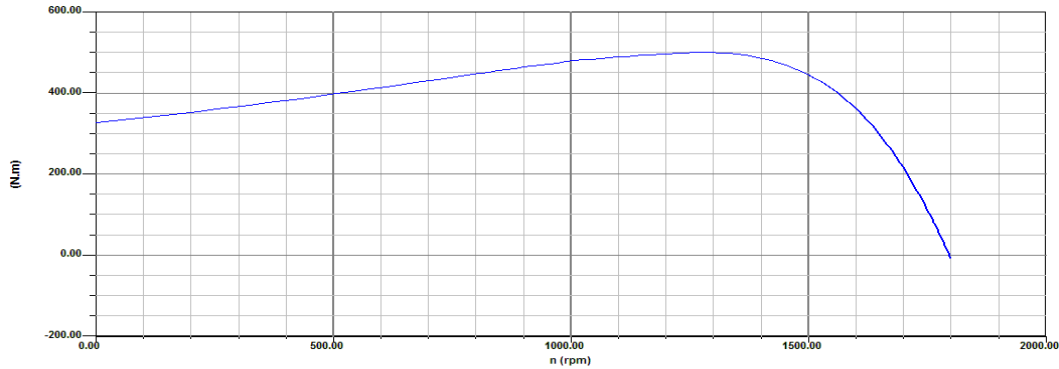
<b>WATER</b> Type	40	HP	60	AMPS
3 Phase	460	Volt	1720	RPM
1.15 S.F.	30Deg.C	Max.Amb.Water	60	Hertz
			4540	Kg Thrust Load

Date:	27/06/2014
40	HP
1720	RPM
300	mm Stack

			Load	KW out	HP	KW in	EFF	P.F.	RPM	AMPS
Full Load Torque	166	Nm	No Load	0	0	2.0	0	0.08	1800	32.2
Break Down Torque	500	Nm	25%	7.5	10	9.6	78.4	0.36	1782	34.0
Locked Rotor Torque	328	Nm	50%	15.0	20	17.9	83.7	0.54	1764	41.3
Locked Rotor Current	310	Amps	75%	22.5	30	26.4	85.1	0.67	1745	49.5
Winding Resistance	0.41	Ohms	100%	30.0	40	35.5	84.5	0.74	1720	60.3
Weight (With Water)	165	Kg (Approximate)	125%	37.5	50	45.7	82.1	0.78	1687	73.6



OUTPUT TORQUE VS SPEED



ADDITIONAL INPUT WATTS DUE TO THRUST

