



MOTOR PERFORMANCE DATA

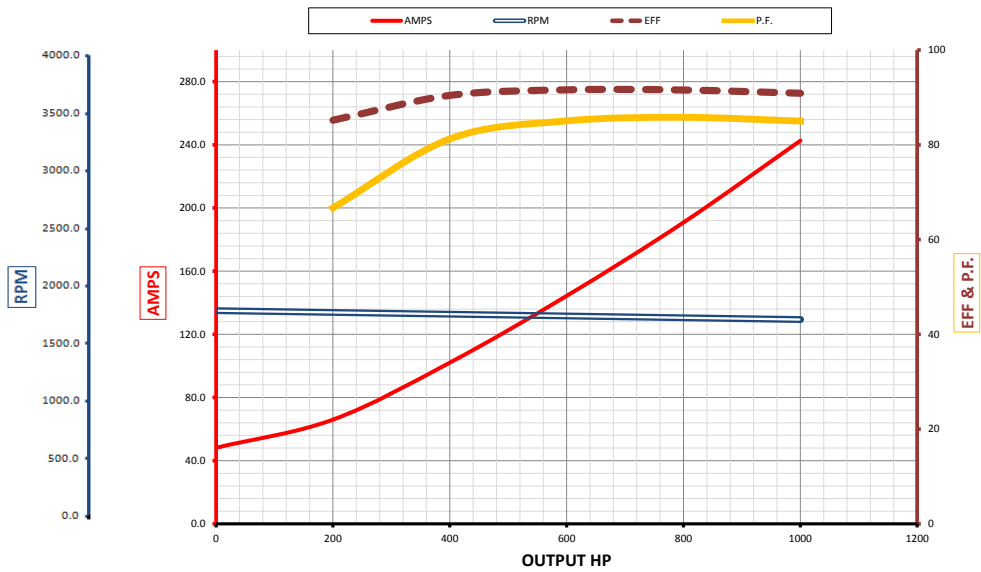
Model: **18" 4P Submersible Motor**

WATER	Type	800	HP
3	Phase	2300	Volt
1.15	S.F.	30Deg.C	Max.Amb.Water

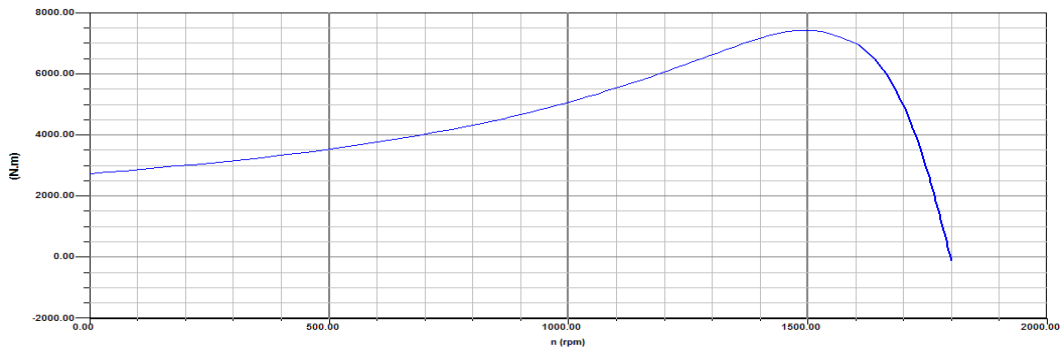
191	AMPS
1740	RPM
60	Hertz
4540	Kg Thrust Load

Date:	24/10/2014
800	HP
1740	RPM
1300	mm Stack

			Load	KW out	HP	KW in	EFF	P.F.	RPM	AMPS
Full Load Torque	3274	Nm	No Load	0	0	22	0	0.12	1800	48.2
Break Down Torque	7432	Nm	25%	149	200	175	85.2	0.67	1785	66.0
Locked Rotor Torque	2755	Nm	50%	298	400	330	90.4	0.81	1770	102.1
Locked Rotor Current	847	Amps	75%	448	600	489	91.6	0.85	1755	144.4
Winding Resistance	0.16	Ohms	100%	597	800	652	91.6	0.86	1740	190.9
Weight (With Water)	2700	Kg (Approximate)	125%	746	1000	821	90.9	0.85	1725	242.7



OUTPUT TORQUE VS SPEED



ADDITIONAL INPUT WATTS DUE TO THRUST

