



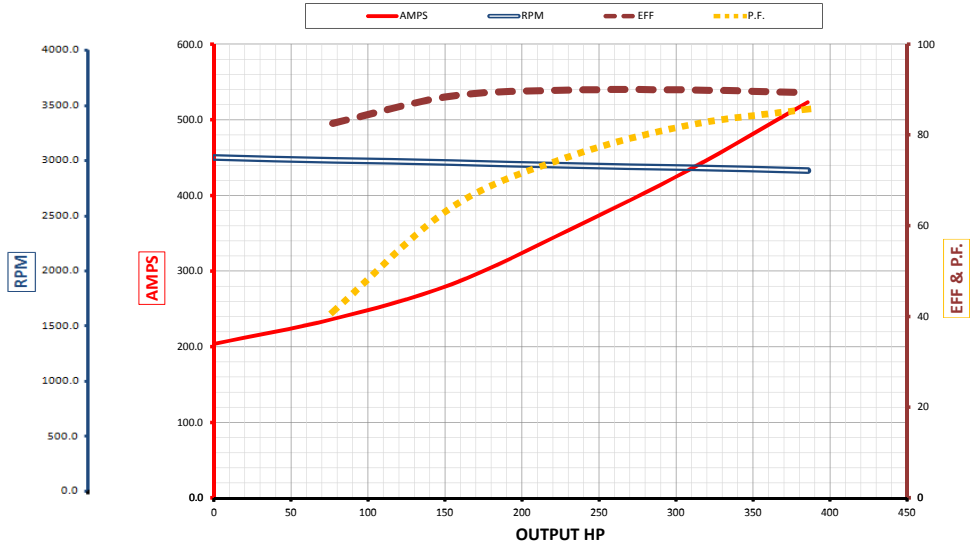
MOTOR PERFORMANCE DATA

Model: **10" 2P Submersible Motor**

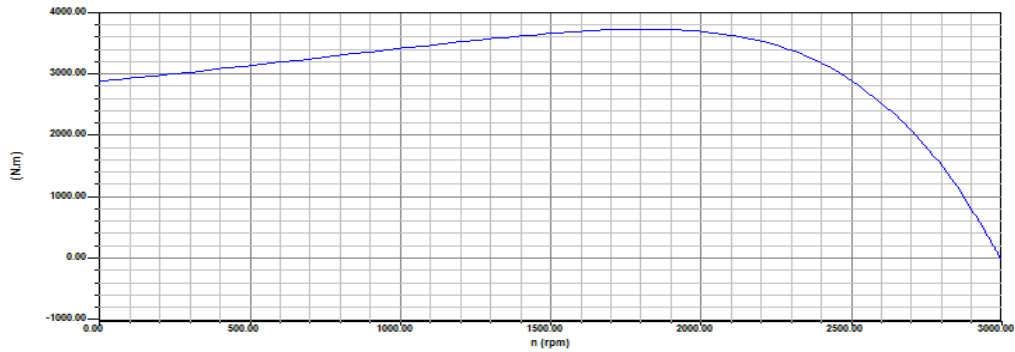
WATER	Type	310	HP	434	AMPS
3	Phase	415	Volt	2910	RPM
1.15	S.F.	30Deg.C	Max.Amb.Water	50	Hertz
				4540	Kg Thrust Load

Date:	18/06/2014
310	HP
2910	RPM
1300	mm Stack

			Load	KW out	HP	KW in	EFF	P.F.	RPM	AMPS
Full Load Torque	755	Nm	No Load	0	0	8	0	0.05	3000	203.6
Break Down Torque	3733	Nm	25%	58	77	70	82.5	0.41	2975	236.4
Locked Rotor Torque	2887	Nm	50%	115	154	130	88.5	0.64	2955	282.4
Locked Rotor Current	2602	Amps	75%	173	231	192	89.8	0.75	2930	355.0
Winding Resistance	0.03	Ohms	100%	230	308	256	89.9	0.82	2910	433.7
Weight (With Water)	700	Kg (Approximate)	125%	288	386	322	89.3	0.86	2885	523.3



OUTPUT TORQUE VS SPEED



ADDITIONAL INPUT WATTS DUE TO THRUST

