



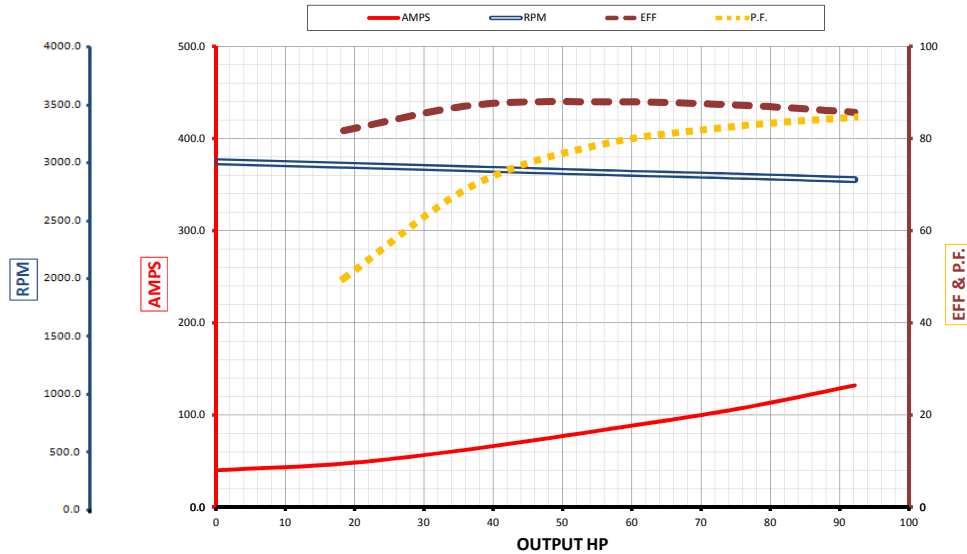
# MOTOR PERFORMANCE DATA

Model: **8" 2P Submersible Motor**

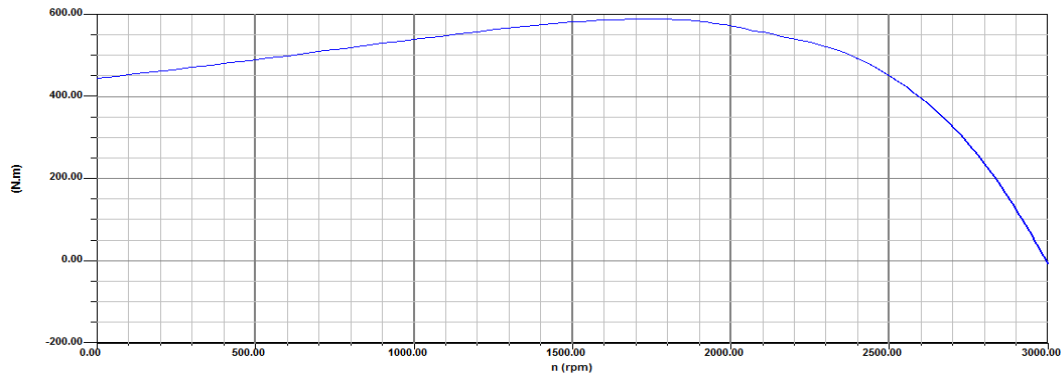
<b>WATER</b> Type	75	HP	106	AMPS	
3	Phase	415	Volt	2875	RPM
1.15	S.F.	30Deg.C	Max.Amb.Water	50	Hertz
				4540	Kg Thrust Load

Date:	16/06/2014
75	HP
2875	RPM
800	mm Stack

			Load	KW out	HP	KW in	EFF	P.F.	RPM	AMPS
Full Load Torque	184	Nm	No Load	0	0	2.2	0	0.08	3000	40.0
Break Down Torque	588	Nm	25%	13.8	18	16.8	81.7	0.50	2969	47.2
Locked Rotor Torque	444	Nm	50%	27.5	37	31.5	87.2	0.70	2938	63.0
Locked Rotor Current	631	Amps	75%	41.3	55	46.9	88.0	0.79	2906	83.1
Winding Resistance	0.17	Ohms	100%	55.0	75	63.0	87.3	0.83	2875	106.2
Weight (With Water)	220	Kg (Approximate)	125%	68.8	92	80.2	85.7	0.85	2844	132.0



OUTPUT TORQUE VS SPEED



ADDITIONAL INPUT WATTS DUE TO THRUST

