



MOTOR PERFORMANCE DATA

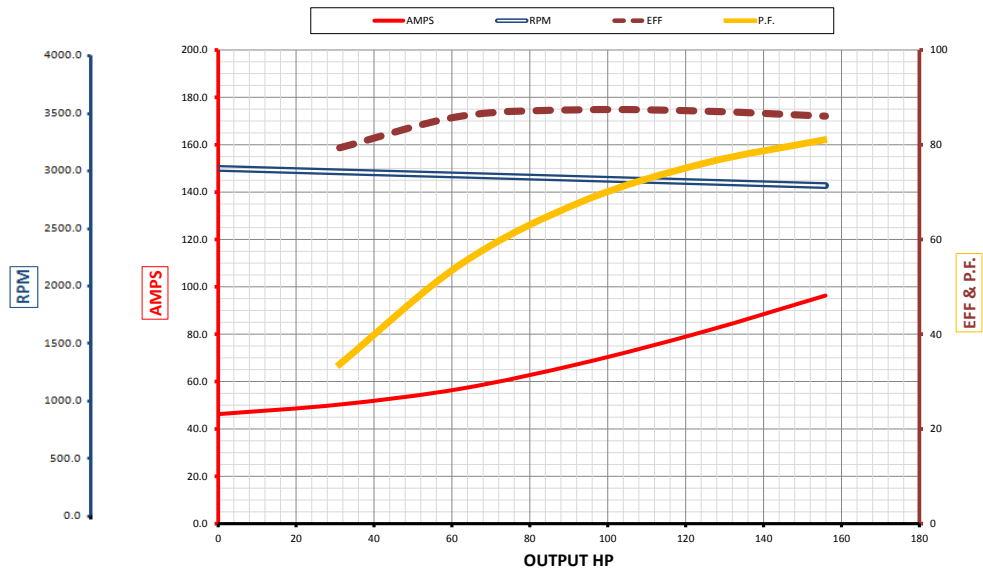
Model: **8" 2P Submersible Motor**

WATER	Type	125	HP
3	Phase	1000	Volt
1.15	S.F.	30Deg.C	Max.Amb.Water

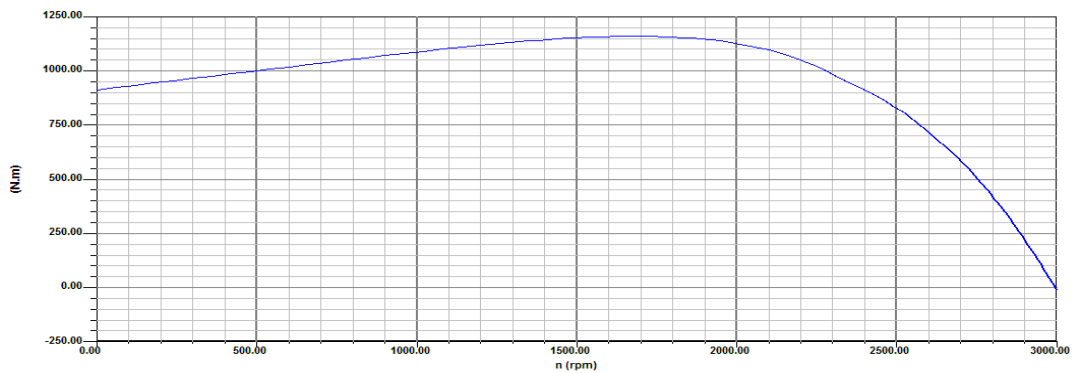
81	AMPS
2885	RPM
50	Hertz
4540	Kg Thrust Load

Date: 25/02/2015	
125	HP
2885	RPM
1100	mm Stack

			Load	KW out	HP	KW in	EFF	P.F.	RPM	AMPS
Full Load Torque	311	Nm	No Load	0	0	6	0	0.08	3000	46.2
Break Down Torque	1160	Nm	25%	23.3	31	29	79.3	0.34	2971	50.3
Locked Rotor Torque	914	Nm	50%	46.5	62	54	86.0	0.55	2943	57.0
Locked Rotor Current	487	Amps	75%	69.8	94	80	87.4	0.68	2914	67.8
Winding Resistance	0.54	Ohms	100%	93.0	125	107	87.1	0.76	2885	81.1
Weight (With Water)	300	Kg (Approximate)	125%	116.3	156	135	86.0	0.81	2855	96.3



OUTPUT TORQUE VS SPEED



ADDITIONAL INPUT WATTS DUE TO THRUST

