



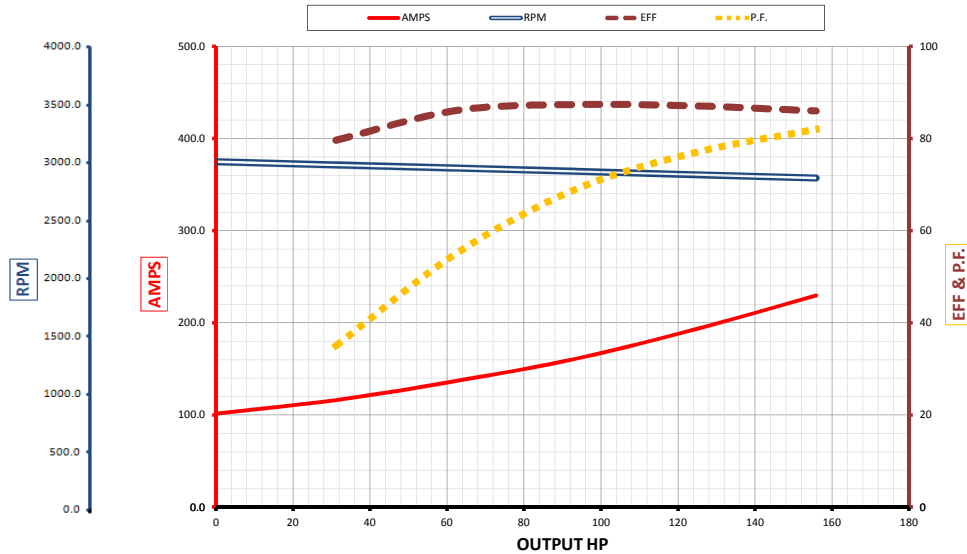
MOTOR PERFORMANCE DATA

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

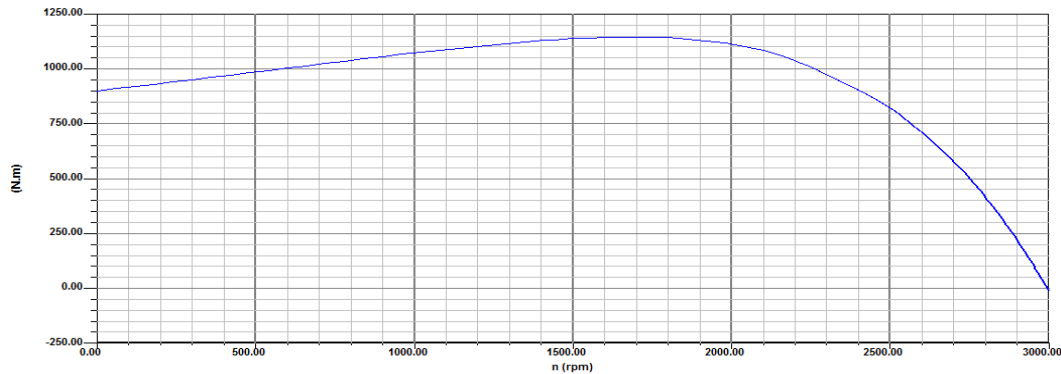
WATER Type	125 HP	193 AMPS
3 Phase	415 Volt	2885 RPM
1.15 S.F.	30Deg.C Max.Amb.Water	50 Hertz
		4540 Kg Thrust Load

Date:	16/06/2014
	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	4	0	0.05	3000	101.5
Break Down Torque	1146 Nm		25%	23.3	31	29	79.6	0.35	2971	116.2
Locked Rotor Torque	900 Nm		50%	46.5	62	54	86.1	0.55	2943	136.8
Locked Rotor Current	1200 Amps		75%	69.8	94	80	87.4	0.69	2914	161.1
Winding Resistance	0.09 Ohms		100%	93.0	125	107	87.1	0.77	2885	193.2
Weight (With Water)	300 Kg (Approximate)		125%	116.3	156	135	86.0	0.82	2856	229.7



OUTPUT TORQUE VS SPEED



ADDITIONAL INPUT WATTS DUE TO THRUST

