

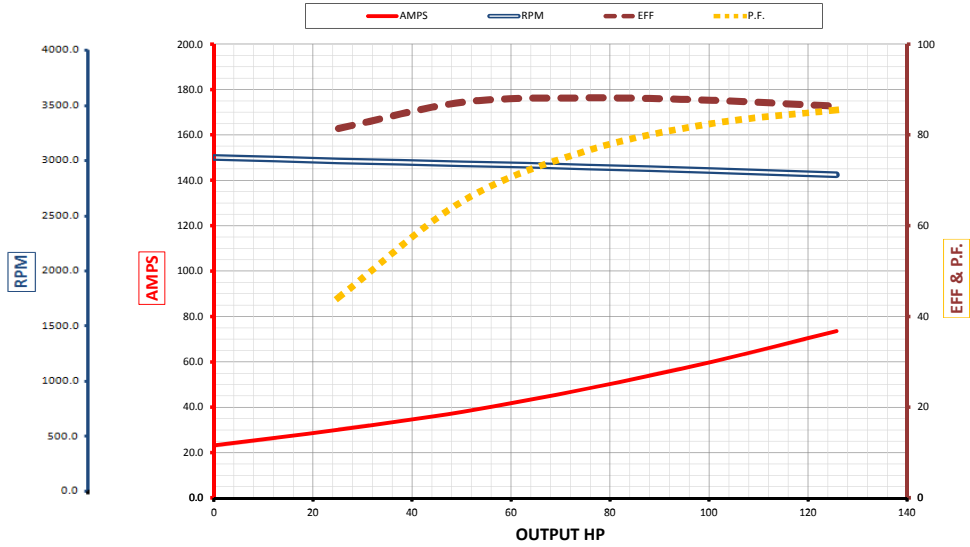


MOTOR PERFORMANCE DATA

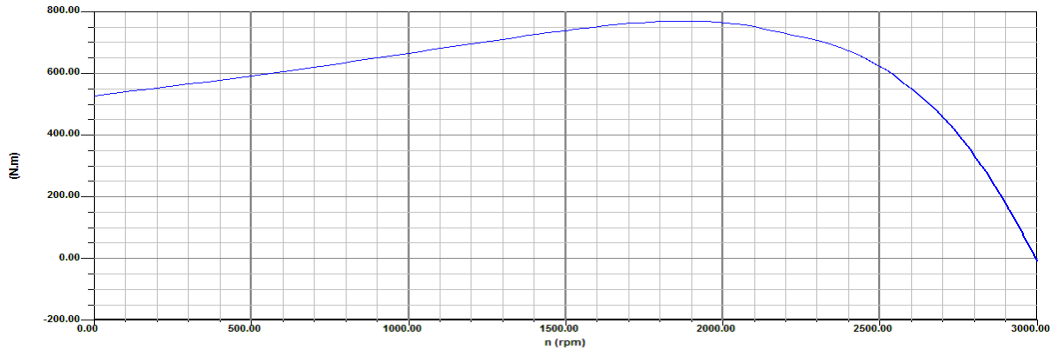
Model: **8" 2P Submersible Motor**

WATER	Type	100	HP	60	AMPS	Date: 15/11/2013 100 HP 2885 RPM 1000 mm Stack
3	Phase	1000	Volt	2885	RPM	
1.15	S.F.	30Deg.C	Max.Amb.Water	50	Hertz	
				4540	Kg Thrust Load	

			Load	KW out	HP	KW in	EFF	P.F.	RPM	AMPS
Full Load Torque	251	Nm	No Load	0.0	0.0	4	0	0.09	3000	23.2
Break Down Torque	769	Nm	25%	18.8	25.1	23	81.4	0.44	2970	30.1
Locked Rotor Torque	528	Nm	50%	37.5	50.3	43	87.2	0.65	2945	38.0
Locked Rotor Current	346	Amps	75%	56.3	75.4	64	88.2	0.77	2918	48.2
Winding Resistance	0.57	Ohms	100%	75.0	100.6	86	87.6	0.82	2885	60.0
Weight (With Water)	280	Kg (Approximate)	125%	93.8	125.7	109	86.3	0.85	2850	73.5



OUTPUT TORQUE VS SPEED



ADDITIONAL INPUT WATTS DUE TO THRUST

