

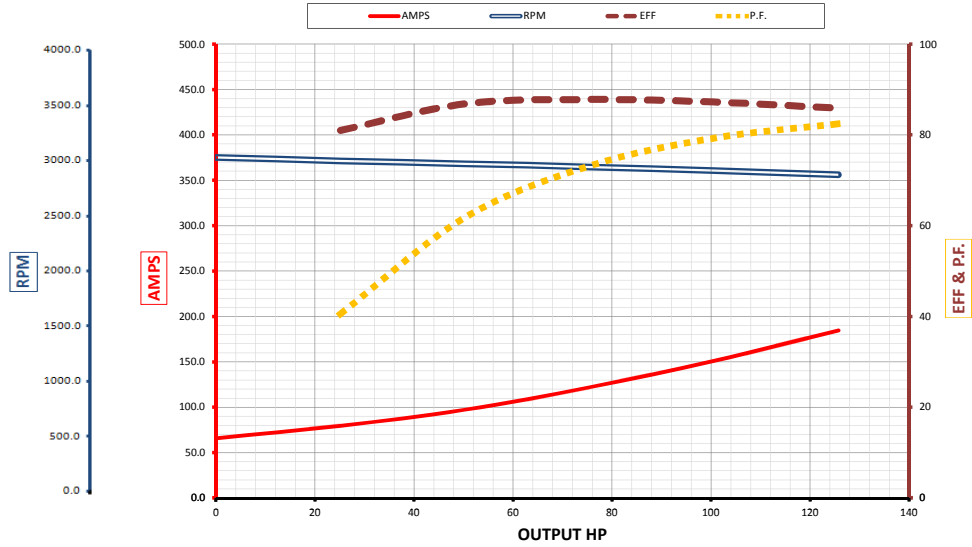


MOTOR PERFORMANCE DATA

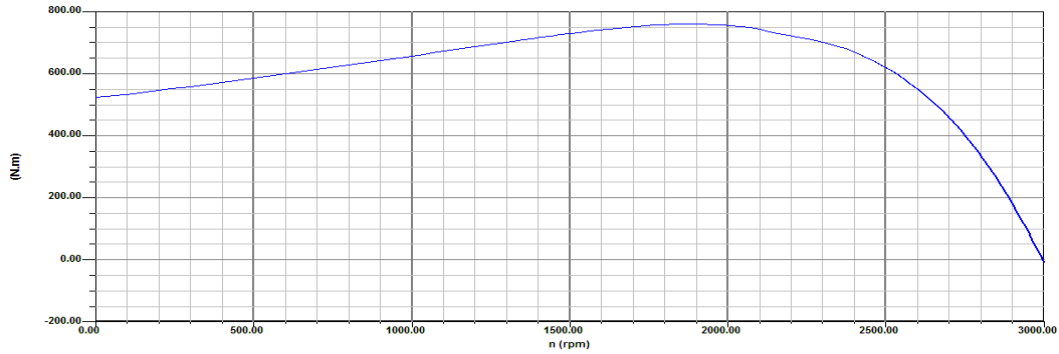
Model: **8" 2P Submersible Motor**

WATER	Type	100	HP	151	AMPS	Date: 16/06/2014 100 HP 2885 RPM 1000 mm Stack
3	Phase	415	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	3	0	0.06	3000	65.9
Break Down Torque	760	Nm	25%	18.8	25	23	81.0	0.41	2970	79.7
Locked Rotor Torque	523	Nm	50%	37.5	50	43	86.8	0.62	2945	97.4
Locked Rotor Current	834	Amps	75%	56.3	75	64	87.8	0.73	2918	122.0
Winding Resistance	0.11	Ohms	100%	75.0	101	86	87.2	0.79	2885	151.1
Weight (With Water)	280	Kg (Approximate)	125%	93.8	126	109	85.9	0.82	2850	184.5



OUTPUT TORQUE VS SPEED



ADDITIONAL INPUT WATTS DUE TO THRUST

