

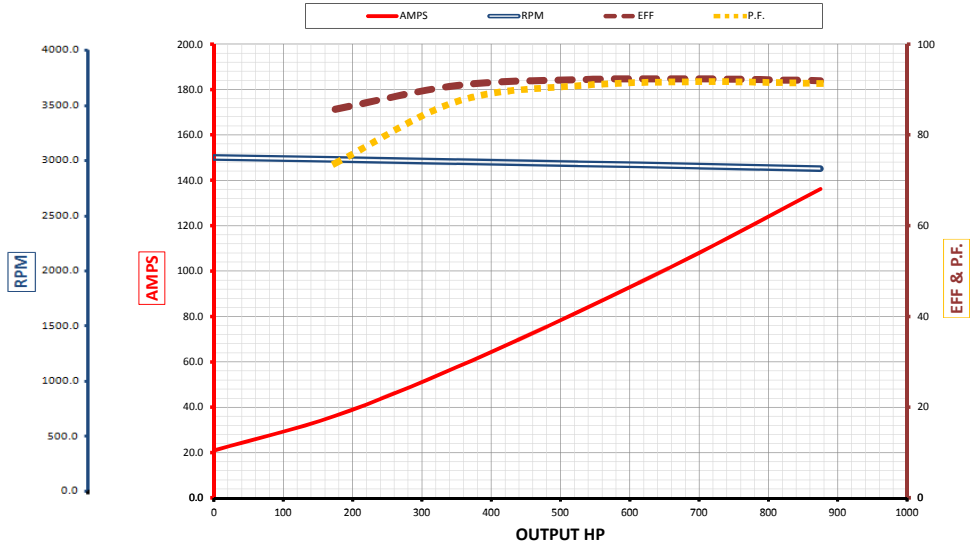


MOTOR PERFORMANCE DATA

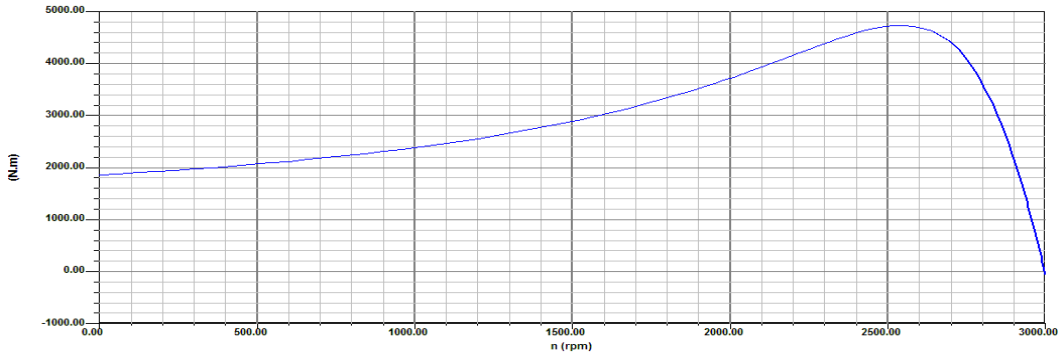
Model: **16" 2P Submersible Motor**

WATER	Type	700	HP	108	AMPS	Date: 5/04/2013 700 HP 2925 RPM 1100 mm Stack
3	Phase	3300	Volt	2925	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	1705	Nm	No Load	0	0	20	0	0.17	3000	20.9
Break Down Torque	4735	Nm	25%	130.5	175.0	152	85.6	0.74	2982	36.2
Locked Rotor Torque	1861	Nm	50%	261.0	350.0	287	90.9	0.87	2964	57.6
Locked Rotor Current	608	Amps	75%	391.5	525.0	425	92.2	0.91	2945	81.9
Winding Resistance	0.41	Ohms	100%	522.0	700.0	565	92.3	0.92	2925	108.0
Weight (With Water)	1650	Kg (Approximate)	125%	652.5	875.0	710	92.0	0.91	2902	136.1



OUTPUT TORQUE VS SPEED



ADDITIONAL INPUT WATTS DUE TO THRUST

