

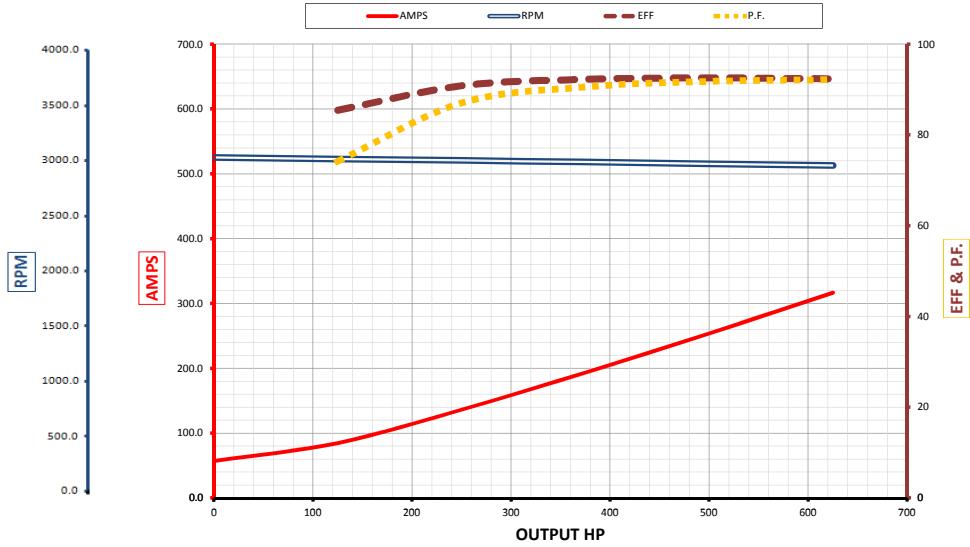


MOTOR PERFORMANCE DATA

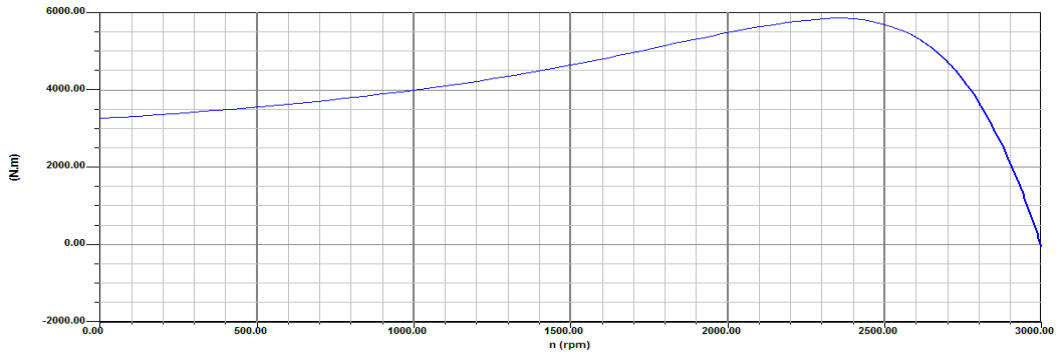
Model: **14" 2P Submersible Motor**

WATER	Type	500	HP	254	AMPS	Date: 6/08/2014 500 HP 2945 RPM 1300 mm Stack
3	Phase	1000	Volt	2945	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	1209	Nm	No Load	0	0	0		0.14	3000	57.2
Break Down Torque	5858	Nm	25%	93	125	109	85.5	0.74	2987	85.0
Locked Rotor Torque	3264	Nm	50%	187	250	205	90.8	0.87	2975	136.4
Locked Rotor Current	1523	Amps	75%	280	375	303	92.3	0.91	2960	193.6
Winding Resistance	0.07	Ohms	100%	373	500	403	92.6	0.92	2945	253.8
Weight (With Water)	1330	Kg (Approximate)	125%	466	625	505	92.4	0.92	2930	316.7



OUTPUT TORQUE VS SPEED



ADDITIONAL INPUT WATTS DUE TO THRUST

