

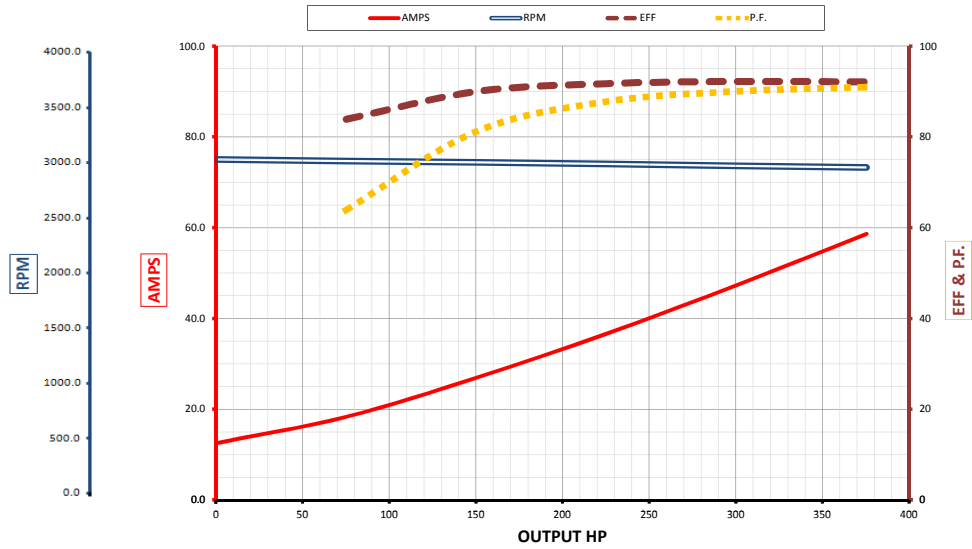


MOTOR PERFORMANCE DATA

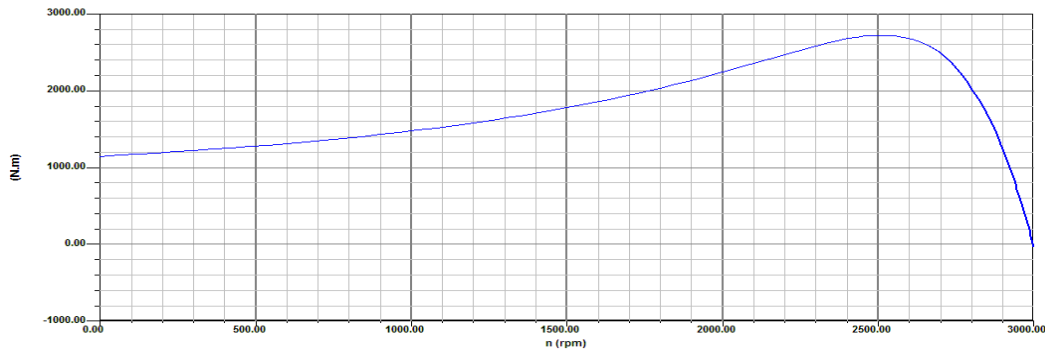
Model: **14" 2P Submersible Motor**

WATER	Type	300	HP	47	AMPS	Date: 5/04/2013 300 HP 2945 RPM 1200 mm Stack
3	Phase	3300	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	726	Nm	No Load	0	0	10	0	0.14	3000	12.5
Break Down Torque	2718	Nm	25%	56	75	67	83.9	0.64	2987	18.3
Locked Rotor Torque	1143	Nm	50%	112	150	125	90.0	0.81	2974	26.9
Locked Rotor Current	284	Amps	75%	168	225	183	91.7	0.88	2960	36.6
Winding Resistance	1.17	Ohms	100%	224	300	243	92.2	0.90	2945	47.3
Weight (With Water)	1200	Kg (Approximate)	125%	280	375	304	92.1	0.91	2930	58.6



OUTPUT TORQUE VS SPEED



ADDITIONAL INPUT WATTS DUE TO THRUST

