

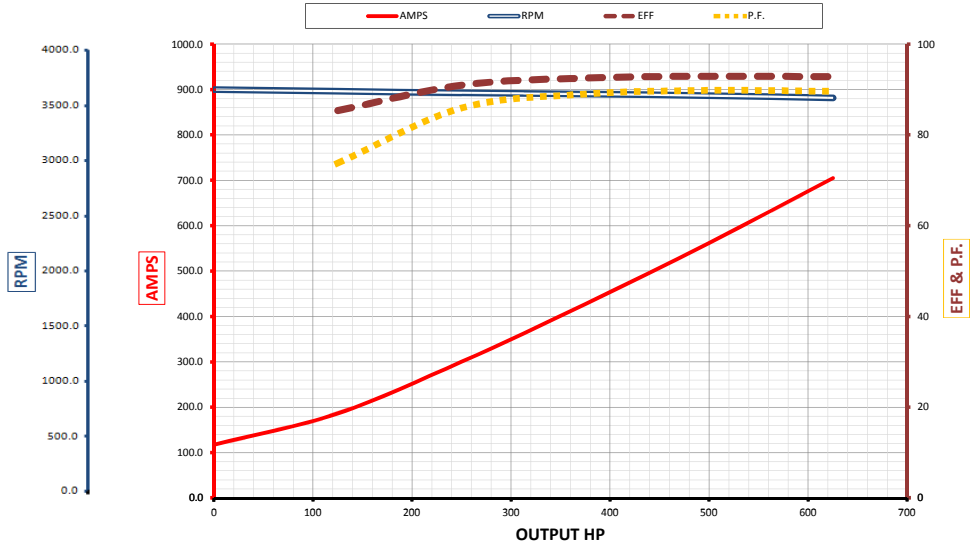


MOTOR PERFORMANCE DATA

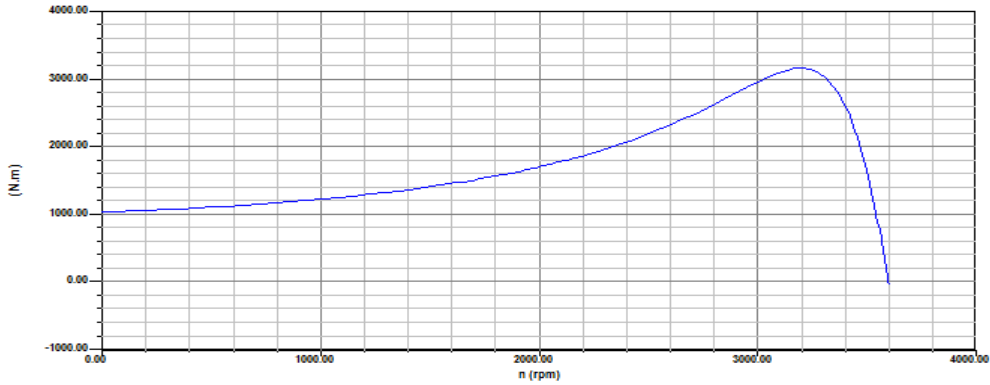
Model: **14" 2P Submersible Motor**

WATER	Type	500	HP	562	AMPS	Date: 1/07/2014 500 HP 3545 RPM 1050 mm Stack
3	Phase	460	Volt	3545	RPM	
1.15	S.F.	30Deg.C	Max.Amb.Water	60	Hertz	
				4540	Kg Thrust Load	

			Load	KW out	HP	KW in	EFF	P.F.	RPM	AMPS
Full Load Torque	1005	Nm	No Load	0	0	14	0	0.15	3600	117.1
Break Down Torque	3159	Nm	25%	93	125	109	85.4	0.74	3585	186.1
Locked Rotor Torque	1035	Nm	50%	187	250	205	90.9	0.86	3570	300.1
Locked Rotor Current	3371	Amps	75%	280	375	302	92.5	0.89	3560	427.1
Winding Resistance	0.01	Ohms	100%	373	500	402	92.9	0.90	3545	561.9
Weight (With Water)	1170	Kg (Approximate)	125%	466	625	502	92.8	0.90	3525	704.8



OUTPUT TORQUE VS SPEED



ADDITIONAL INPUT WATTS DUE TO THRUST

