

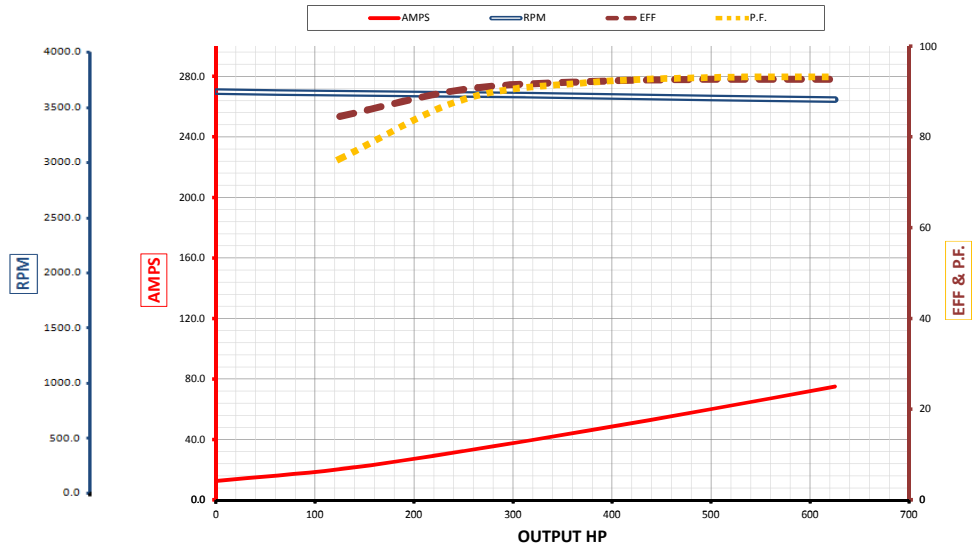


MOTOR PERFORMANCE DATA

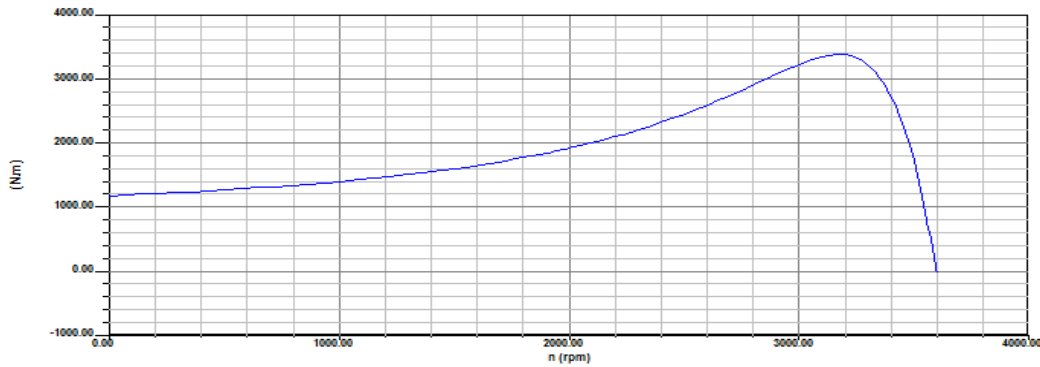
Model: **16" 2P Submersible Motor**

WATER	Type	500	HP	60	AMPS	Date: 10/07/2012 500 HP 3545 RPM 1200 mm Stack
3	Phase	4160	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	16	0	0.18	3600	12.6
Break Down Torque	3383	Nm	25%	93	125	110	84.5	0.75	3585	20.4
Locked Rotor Torque	1180	Nm	50%	187	250	206	90.5	0.88	3575	32.4
Locked Rotor Current	361	Amps	75%	280	375	304	92.2	0.92	3560	45.8
Winding Resistance	1.07	Ohms	100%	373	500	402	92.7	0.93	3545	60.1
Weight (With Water)	1690	Kg (Approximate)	125%	466	625	503	92.7	0.93	3530	75.0



OUTPUT TORQUE VS SPEED



ADDITIONAL INPUT WATTS DUE TO THRUST

