

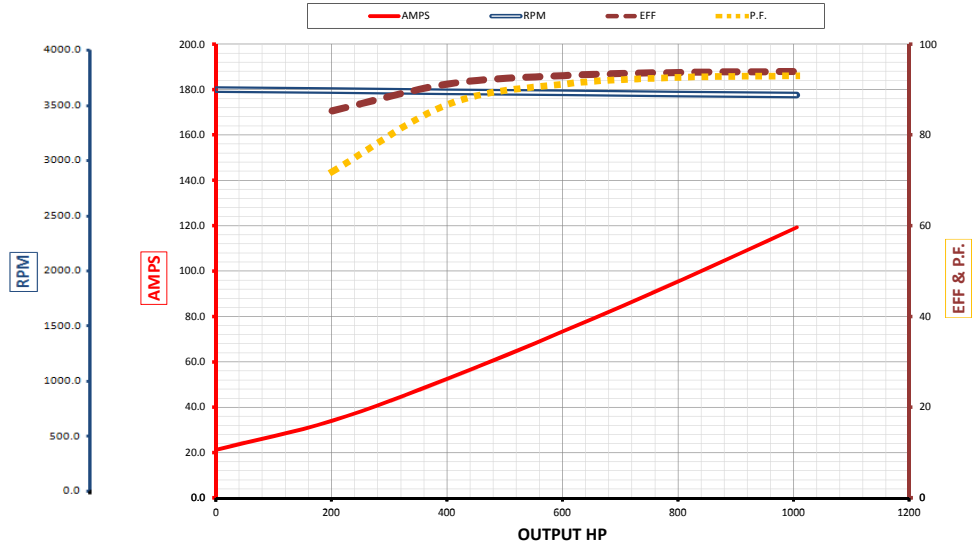


MOTOR PERFORMANCE DATA

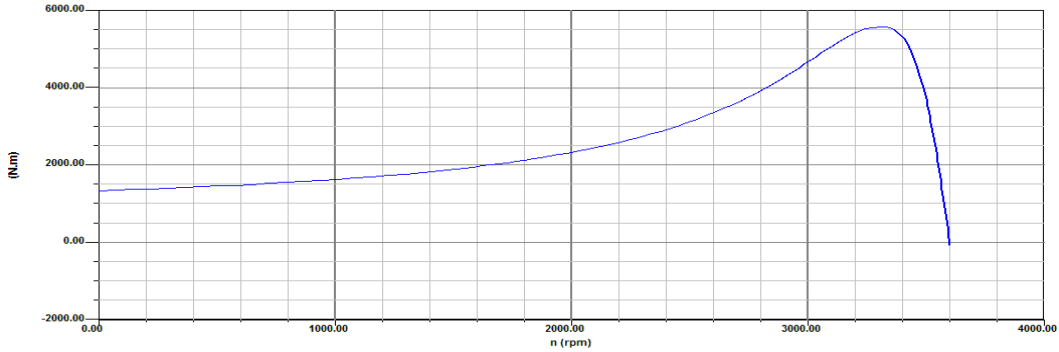
Model: **18" 2P Submersible Motor**

WATER	Type	800	HP	96	AMPS	Date: 7/03/2014 800 HP 3560 RPM 1100 mm Stack
3	Phase	4160	Volt	3560	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	1609	Nm	No Load	0	0	24	0	0.16	3600	21.2
Break Down Torque	5579	Nm	25%	150.0	201.2	176	85.3	0.72	3590	34.0
Locked Rotor Torque	1348	Nm	50%	300.0	402.3	329	91.2	0.87	3580	52.7
Locked Rotor Current	576	Amps	75%	450.0	603.5	484	93.0	0.91	3570	73.7
Winding Resistance	0.47	Ohms	100%	600.0	804.6	640	93.7	0.93	3560	96.0
Weight (With Water)	2250	Kg (Approximate)	125%	750.0	1005.8	799	93.9	0.93	3550	119.3



OUTPUT TORQUE VS SPEED



ADDITIONAL INPUT WATTS DUE TO THRUST

