

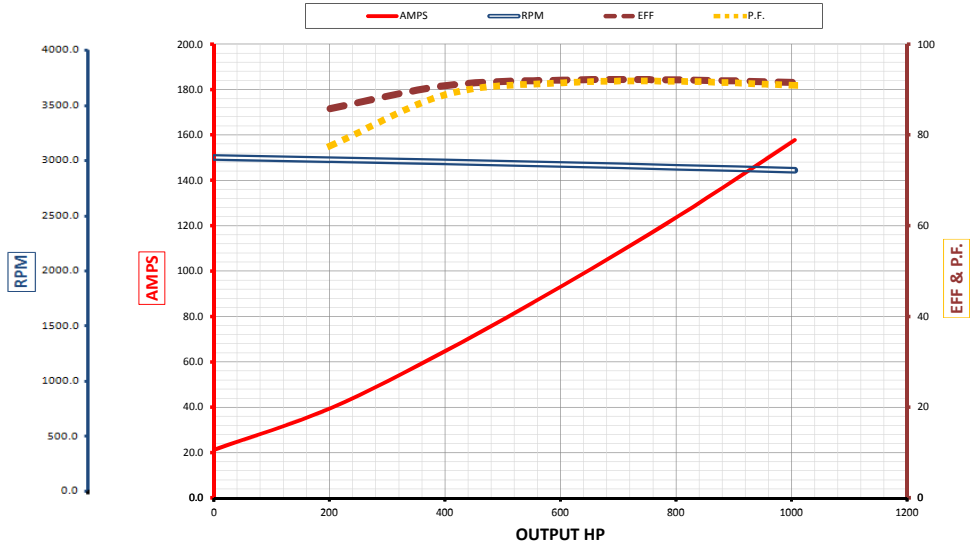


MOTOR PERFORMANCE DATA

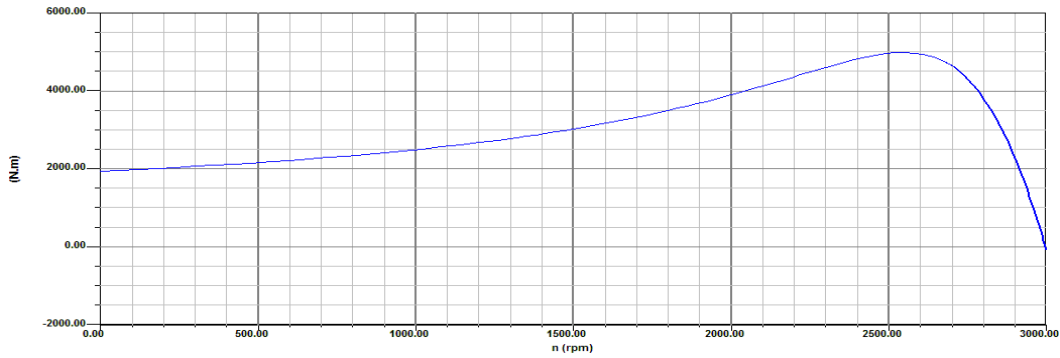
Model: **16" 2P Submersible Motor**

WATER	Type	800	HP	124	AMPS	Date: 5/04/2013 800 HP 2915 RPM 1200 mm Stack
3	Phase	3300	Volt	2915	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	1965	Nm	No Load	0	0	23	0	0.19	3000	21.2
Break Down Torque	4983	Nm	25%	150.0	201.2	175	85.8	0.78	2981	39.5
Locked Rotor Torque	1954	Nm	50%	300.0	402.3	330	90.9	0.89	2960	65.0
Locked Rotor Current	640	Amps	75%	450.0	603.5	489	92.1	0.91	2938	93.6
Winding Resistance	0.37	Ohms	100%	600.0	804.6	652	92.1	0.92	2915	124.3
Weight (With Water)	1900	Kg (Approximate)	125%	750.0	1005.8	819	91.6	0.91	2889	157.8



OUTPUT TORQUE VS SPEED



ADDITIONAL INPUT WATTS DUE TO THRUST

