

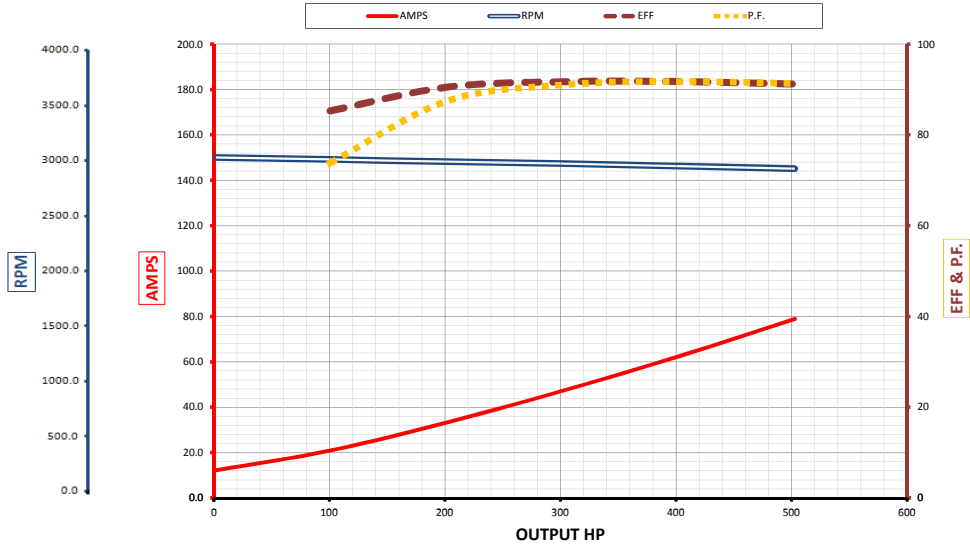


MOTOR PERFORMANCE DATA

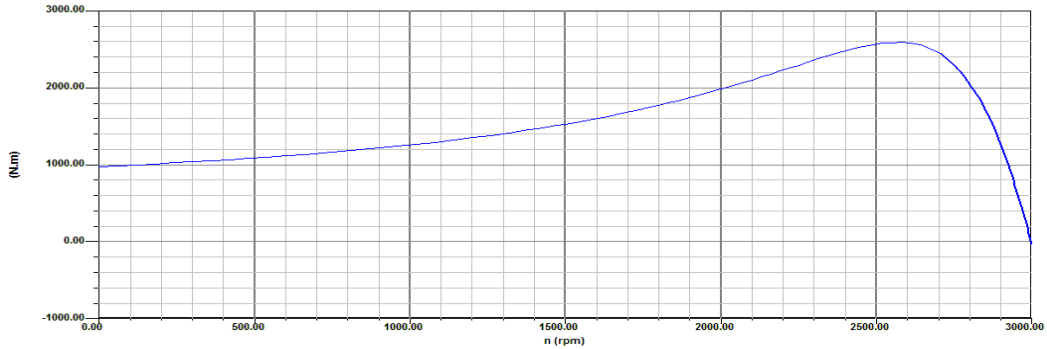
Model: **16" 2P Submersible Motor**

WATER	Type	400	HP	62	AMPS	Date: 5/04/2013 400 HP 2925 RPM 700 mm Stack
3	Phase	3300	Volt	2925	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	979	Nm	No Load	0	0	12	0	0.17	3000	12.0
Break Down Torque	2583	Nm	25%	75.0	100.6	88	85.3	0.74	2982	20.9
Locked Rotor Torque	976	Nm	50%	150.0	201.2	166	90.5	0.87	2965	33.2
Locked Rotor Current	340	Amps	75%	225.0	301.7	245	91.7	0.91	2946	47.2
Winding Resistance	1.02	Ohms	100%	300.0	402.3	327	91.8	0.92	2925	62.4
Weight (With Water)	1050	Kg (Approximate)	125%	375.0	502.9	411	91.2	0.91	2903	78.9



OUTPUT TORQUE VS SPEED



ADDITIONAL INPUT WATTS DUE TO THRUST

