

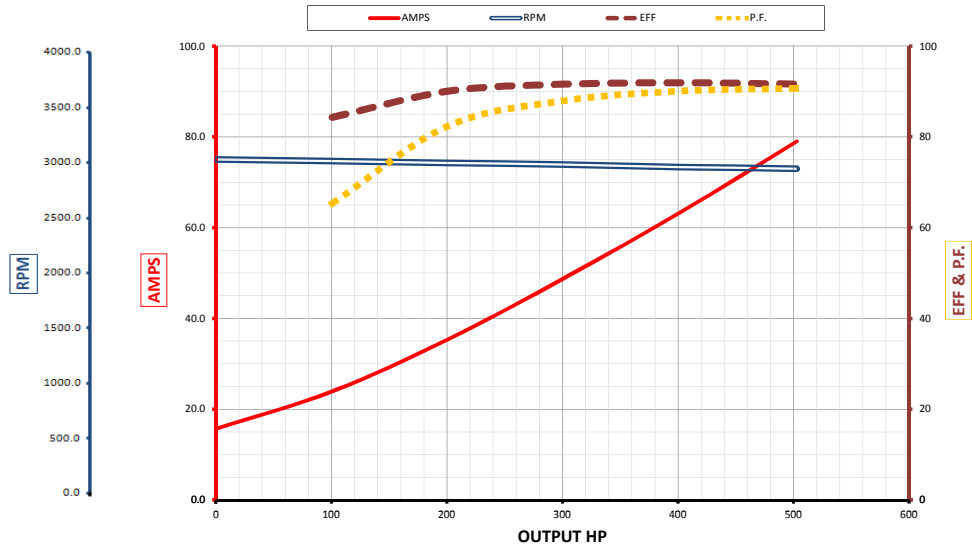


MOTOR PERFORMANCE DATA

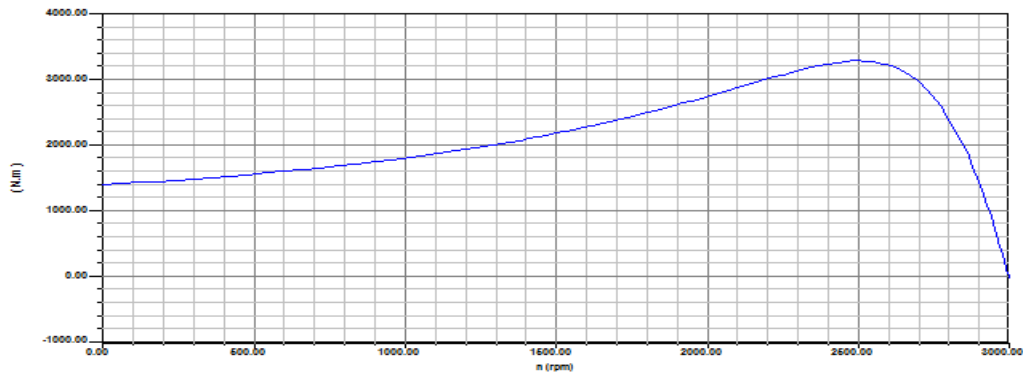
Model: **14" 2P Submersible Motor**

WATER	Type	400	HP	63	AMPS	Date: 5/04/2013 400 HP 2935 RPM 1300 mm Stack
3	Phase	3300	Volt	2935	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	976	Nm	No Load	0	0	13	0	0.14	3000	15.7
Break Down Torque	3289	Nm	25%	75.0	100.6	89	84.3	0.65	2985	23.9
Locked Rotor Torque	1406	Nm	50%	150.0	201.2	167	90.1	0.82	2970	35.4
Locked Rotor Current	380	Amps	75%	225.0	301.7	246	91.6	0.88	2955	48.9
Winding Resistance	0.92	Ohms	100%	300.0	402.3	326	91.9	0.90	2935	63.4
Weight (With Water)	1300	Kg (Approximate)	125%	375.0	502.9	409	91.7	0.91	2920	79.0



OUTPUT TORQUE VS SPEED



ADDITIONAL INPUT WATTS DUE TO THRUST

