

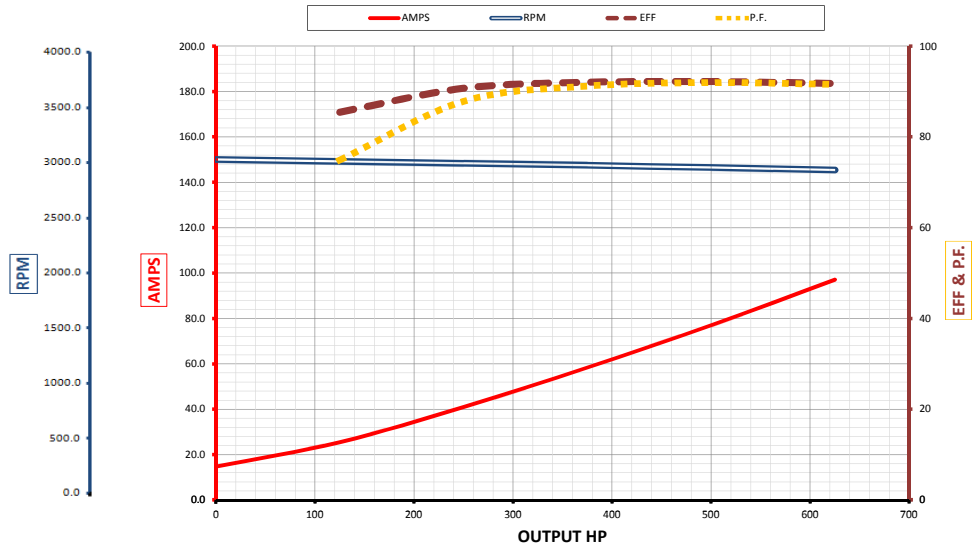


MOTOR PERFORMANCE DATA

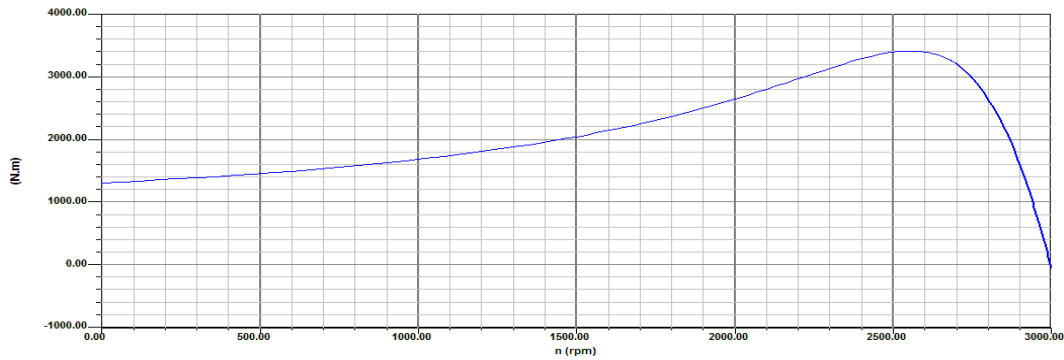
Model: **16" 2P Submersible Motor**

WATER	Type	500	HP	77	AMPS	Date: 5/04/2013 500 HP 2930 RPM 900 mm Stack
3	Phase	3300	Volt	2930	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	1217	Nm	No Load	0	0	15	0	0.17	3000	14.8
Break Down Torque	3374	Nm	25%	93.3	125.1	109	85.4	0.75	2984	25.5
Locked Rotor Torque	1291	Nm	50%	186.5	250.1	206	90.7	0.88	2967	41.0
Locked Rotor Current	439	Amps	75%	279.8	375.2	304	92.1	0.91	2949	58.4
Winding Resistance	0.67	Ohms	100%	373.0	500.2	405	92.2	0.92	2930	77.0
Weight (With Water)	1350	Kg (Approximate)	125%	466.3	625.3	508	91.8	0.92	2908	97.1



OUTPUT TORQUE VS SPEED



ADDITIONAL INPUT WATTS DUE TO THRUST

