



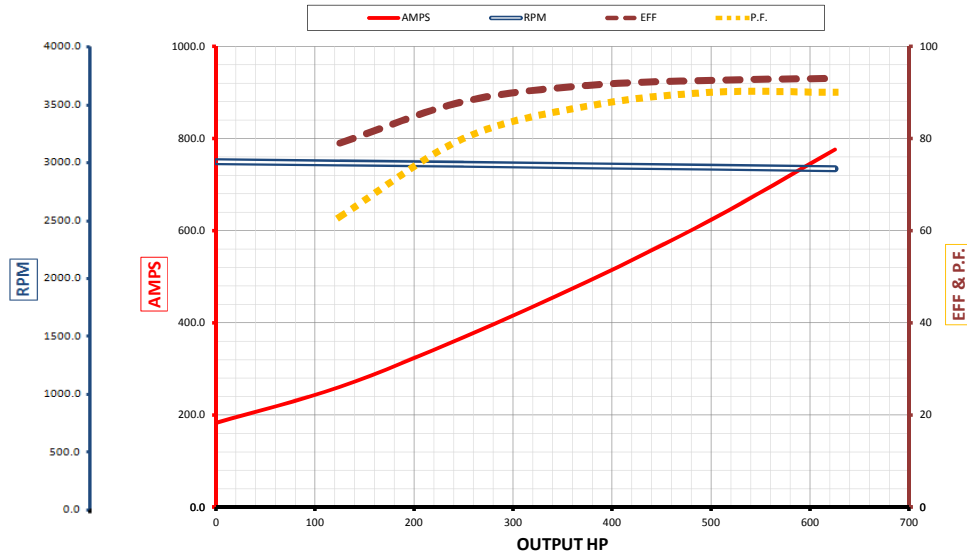
MOTOR PERFORMANCE DATA

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

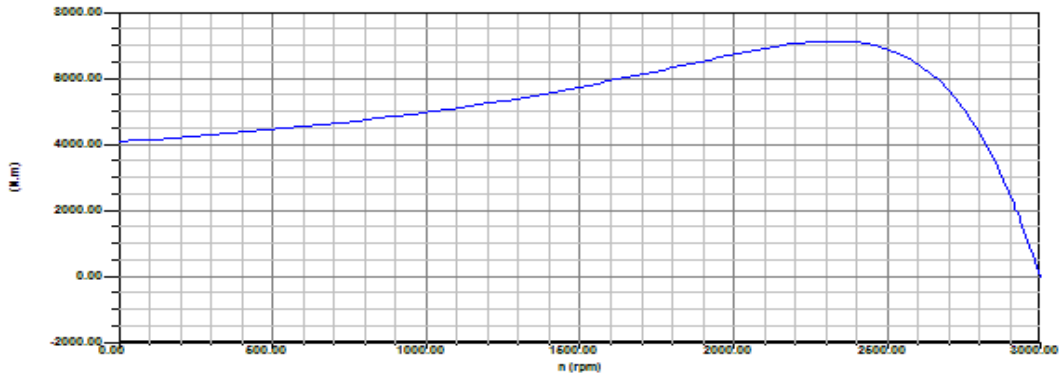
WATER Type	500 HP	623 AMPS
3 Phase	415 Volt	2950 RPM
1.15 S.F.	30Deg.C Max.Amb.Water	50 Hertz
		4540 Kg Thrust Load

Date:	19/06/2014
500 HP	
2950 RPM	
1300 mm Stack	

			Load	KW out	HP	KW in	EFF	P.F.	RPM	AMPS
Full Load Torque	1207 Nm		No Load	0	0	16	0	0.12	3000	182.9
Break Down Torque	7121 Nm		25%	93	125	118	79.0	0.63	2988	260.9
Locked Rotor Torque	4104 Nm		50%	187	250	212	88.0	0.80	2976	368.9
Locked Rotor Current	3820 Amps		75%	280	375	306	91.5	0.87	2963	489.4
Winding Resistance	0.0102 Ohms		100%	373	500	403	92.6	0.90	2950	623.4
Weight (With Water)	1330 Kg (Approximate)		125%	466	625	501	93.0	0.90	2937	775.8



OUTPUT TORQUE VS SPEED



ADDITIONAL INPUT WATTS DUE TO THRUST

