



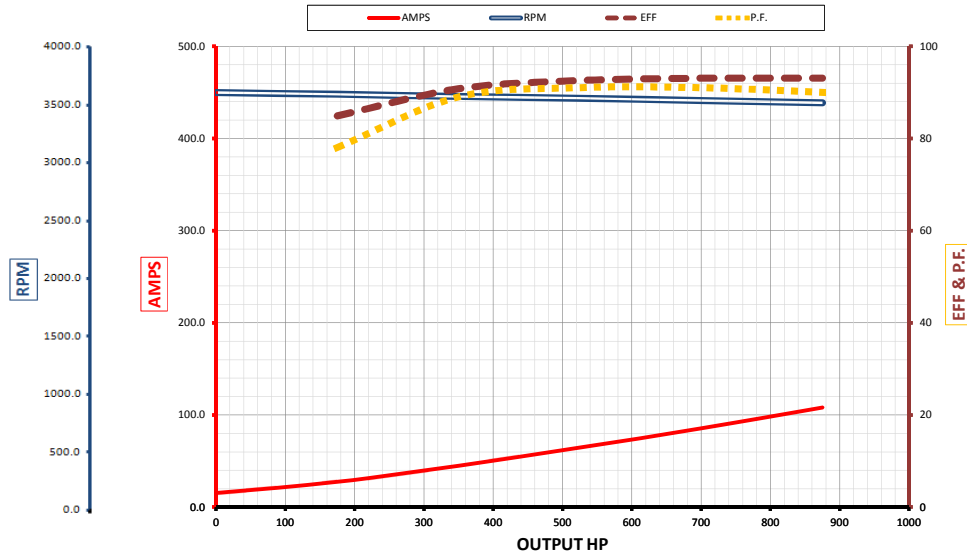
MOTOR PERFORMANCE DATA

Model: **18" 2P Submersible Motor**

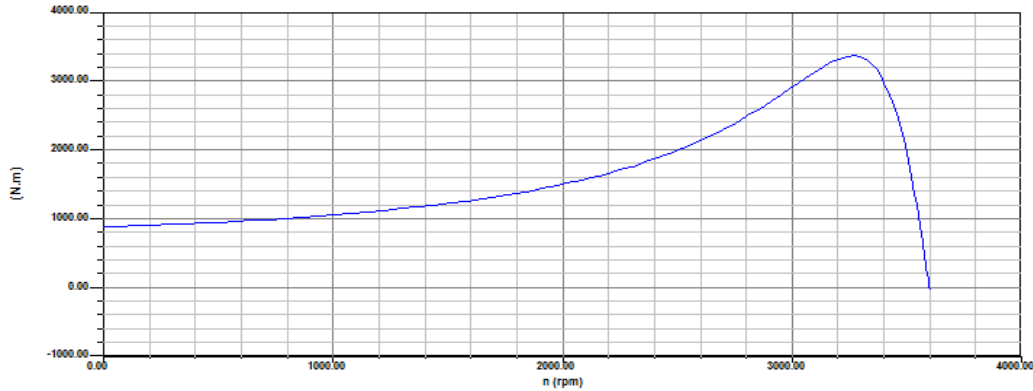
WATER Type	700 HP	86 AMPS
3 Phase	4160 Volt	3530 RPM
1.15 S.F.	30Deg.C Max.Amb.Water	60 Hertz
		4540 Kg Thrust Load

Date:	3/05/2012
700 HP	
3530 RPM	
1000 mm Stack	

			Load	KW out	HP	KW in	EFF	P.F.	RPM	AMPS
Full Load Torque	1410 Nm		No Load	0	0	22	0	0.2	3600	15.3
Break Down Torque	3364 Nm		25%	131	175	154	84.9	0.78	3585	27.4
Locked Rotor Torque	880 Nm		50%	261	350	287	90.8	0.89	3565	44.9
Locked Rotor Current	407 Amps		75%	392	525	423	92.6	0.91	3550	64.6
Winding Resistance	0.46 Ohms		100%	522	700	561	93.1	0.91	3530	85.6
Weight (With Water)	2000 Kg (Approximate)		125%	653	875	701	93.1	0.9	3510	108.2



OUTPUT TORQUE VS SPEED



ADDITIONAL INPUT WATTS DUE TO THRUST

