



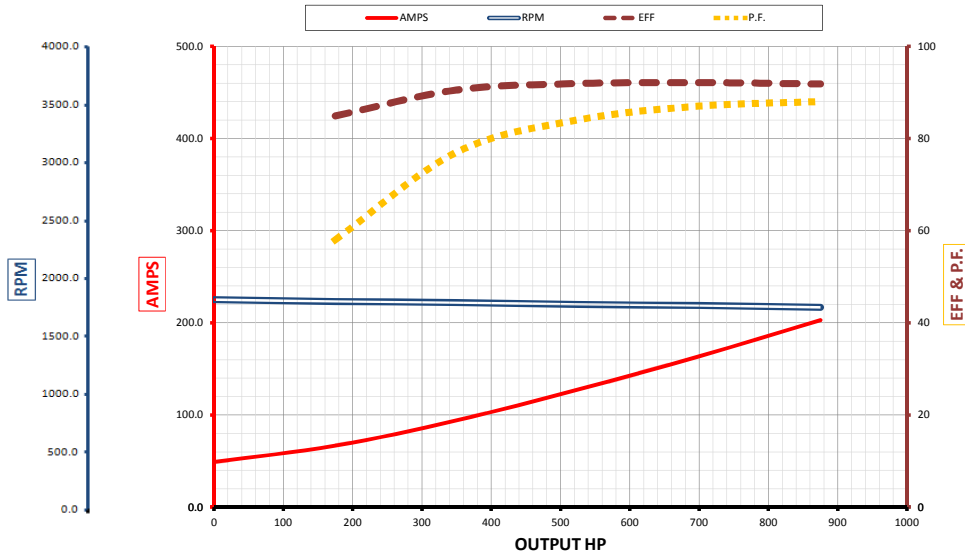
MOTOR PERFORMANCE DATA

Model: **18" 4P Submersible Motor**

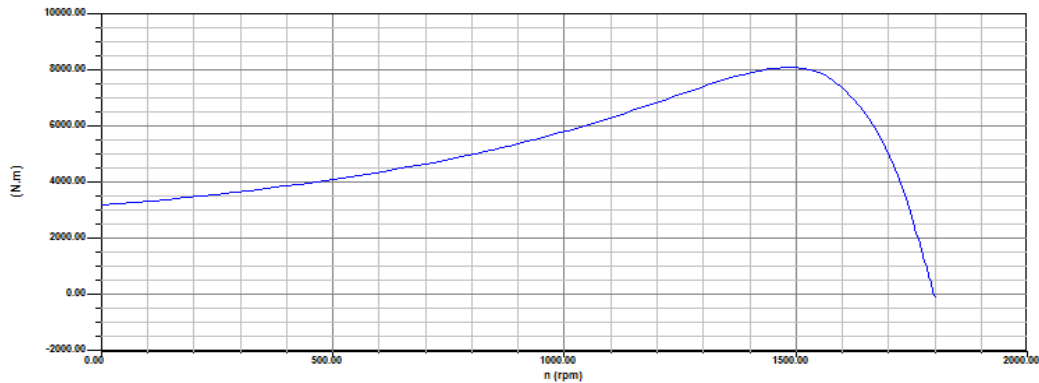
WATER Type	700 HP	164 AMPS
3 Phase	2300 Volt	1750 RPM
1.15 S.F.	30Deg.C Max.Amb.Water	60 Hertz
		4540 Kg Thrust Load

Date:	10/05/2012
700 HP	
1750 RPM	
1000 mm Stack	

			Load	KW out	HP	KW in	EFF	P.F.	RPM	AMPS
Full Load Torque	2850 Nm		No Load	0	0	21	0	0.11	1800	49.0
Break Down Torque	8090 Nm		25%	131	175	154	84.9	0.58	1785	66.6
Locked Rotor Torque	3200 Nm		50%	261	350	288	90.5	0.77	1775	94.1
Locked Rotor Current	905 Amps		75%	392	525	426	91.9	0.84	1760	127.5
Winding Resistance	0.16 Ohms		100%	522	700	567	92.1	0.87	1750	163.7
Weight (With Water)	2100 Kg (Approximate)		125%	653	875	711	91.8	0.88	1735	203.0



OUTPUT TORQUE VS SPEED



ADDITIONAL INPUT WATTS DUE TO THRUST

