



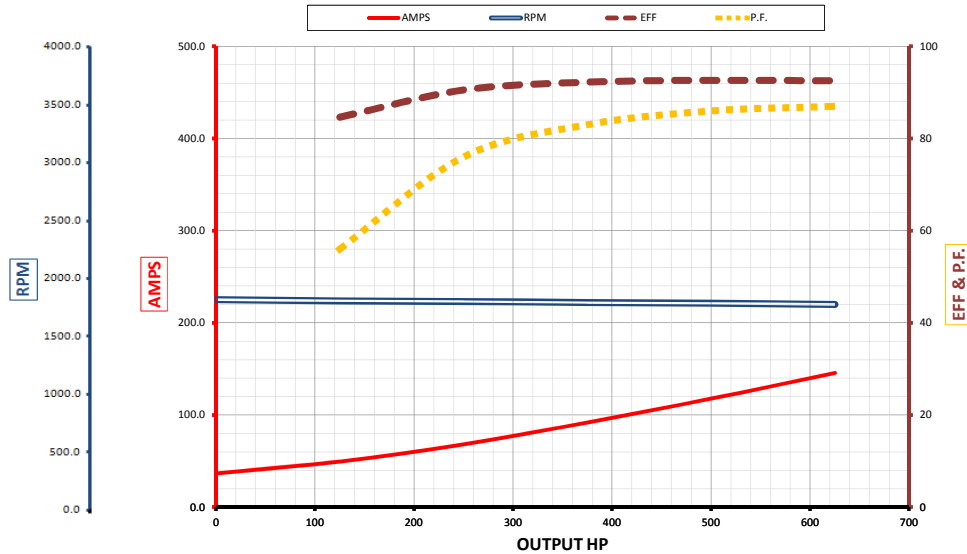
MOTOR PERFORMANCE DATA

Model: **16" 4P Submersible Motor**

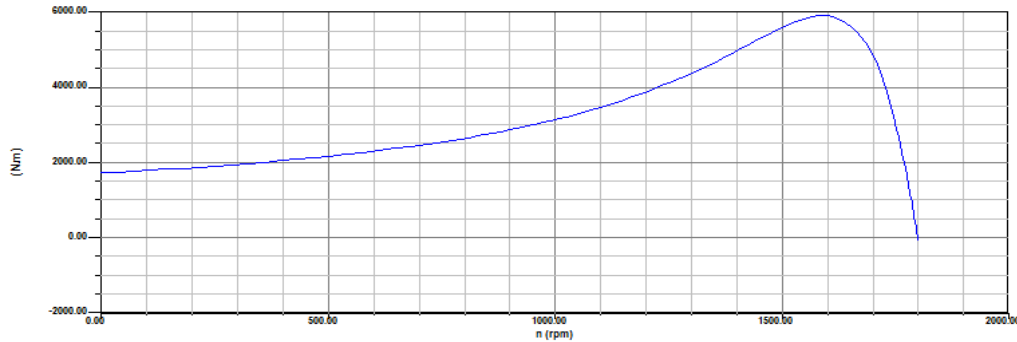
WATER Type	500 HP	118 AMPS
3 Phase	2300 Volt	1770 RPM
1.15 S.F.	30Deg.C Max.Amb.Water	60 Hertz
		4540 Kg Thrust Load

Date: **11/04/2012**
500 HP
1770 RPM
1100 mm Stack

			Load	KW out	HP	KW in	EFF	P.F.	RPM	AMPS
Full Load Torque	2014 Nm		No Load	0	0	16	0	0.11	1800	36.6
Break Down Torque	5920 Nm		25%	93	125	110	84.6	0.56	1790	49.5
Locked Rotor Torque	1734 Nm		50%	187	250	206	90.5	0.76	1785	68.2
Locked Rotor Current	698 Amps		75%	280	375	303	92.2	0.83	1775	91.9
Winding Resistance	0.32 Ohms		100%	373	500	403	92.6	0.86	1770	117.7
Weight (With Water)	1600 Kg (Approximate)		125%	466	625	504	92.5	0.87	1760	145.6



OUTPUT TORQUE VS SPEED



ADDITIONAL INPUT WATTS DUE TO THRUST

