



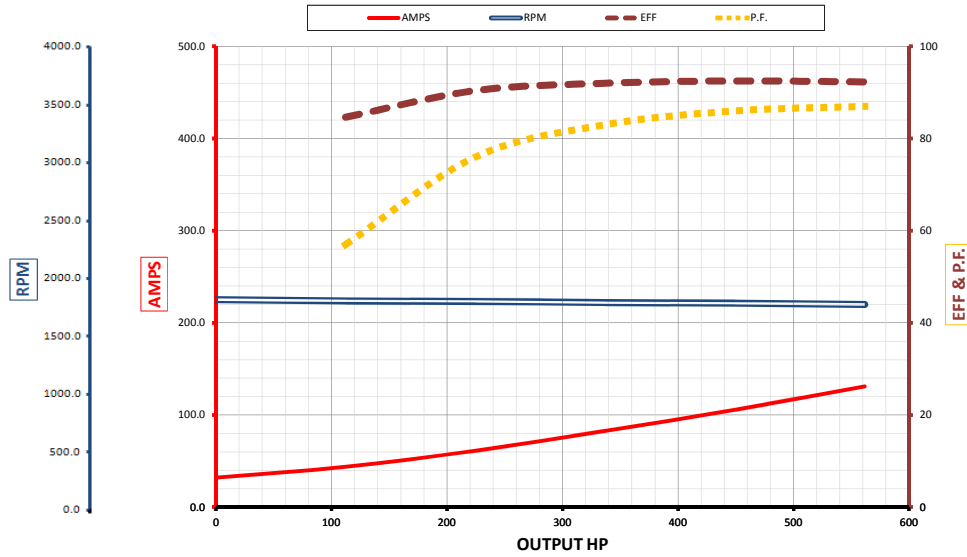
MOTOR PERFORMANCE DATA

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

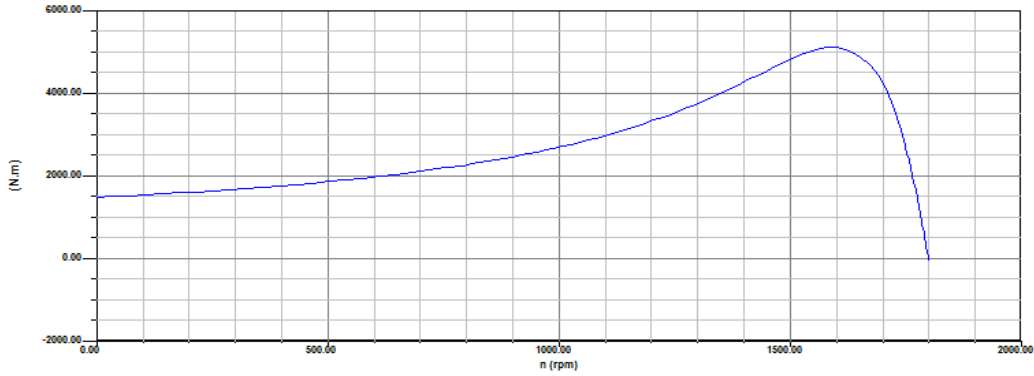
WATER Type	450	HP	106	AMPS	
3	Phase	2300	Volt	1770	RPM
1.15	S.F.	30Deg.C	Max.Amb.Water	60	Hertz
				4540	Kg Thrust Load

Date:	11/04/2012
450	HP
1770	RPM
1000	mm Stack

			Load	KW out	HP	KW in	EFF	P.F.	RPM	AMPS
Full Load Torque	1810	Nm	No Load	0	0	14	0	0.11	1800	32.0
Break Down Torque	5116	Nm	25%	84	112	99	84.6	0.57	1790	43.7
Locked Rotor Torque	1481	Nm	50%	168	225	185	90.4	0.76	1785	61.3
Locked Rotor Current	606	Amps	75%	251	337	273	92	0.83	1775	82.7
Winding Resistance	0.4	Ohms	100%	335	449	362	92.5	0.86	1770	105.8
Weight (With Water)	1400	Kg (Approximate)	125%	419	562	454	92.3	0.87	1760	131.1



OUTPUT TORQUE VS SPEED



ADDITIONAL INPUT WATTS DUE TO THRUST

