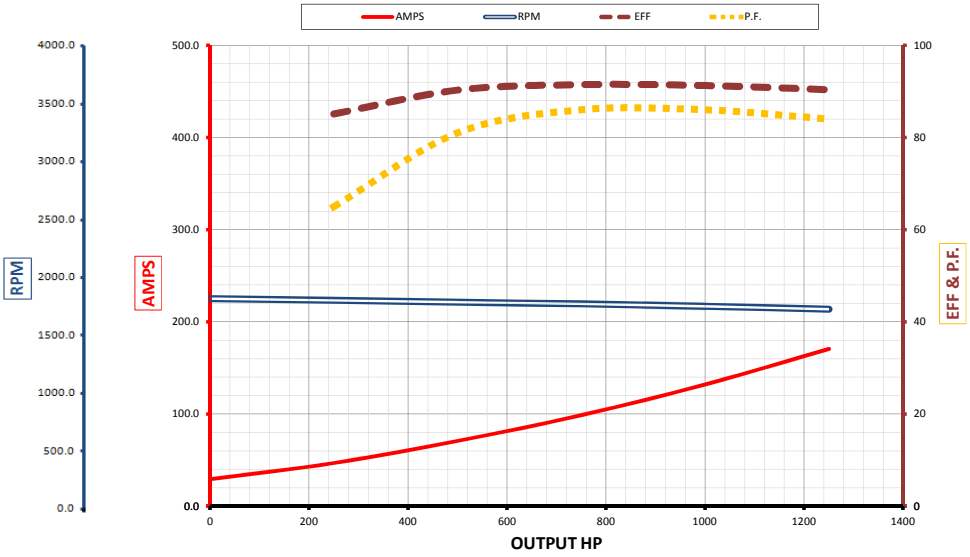
MOTOR PERFORMANCE DATA

Model: 22" 4P Submersible Motor

WATER	Type	1000	HP	132	AMPS	**Date:** 16/05/2012
3	Phase	4160	Volt	1735	RPM	**1000 HP**
1.15	S.F.	30Deg.C	Max.Amb.Water	60	Hertz	**1735 RPM**
				4540	Kg Thrust Load	**1300 mm Stack**

Full Load Torque	4110	Nm
Break Down Torque	7654	Nm
Locked Rotor Torque	2444	Nm
Locked Rotor Current	478	Amps
Winding Resistance	0.4	Ohms
Weight (With Water)	3000	Kg (Approximate)

Load	KW out	HP	KW in	EFF	P.F.	RPM	AMPS
No Load	0	**0**	**30**	**0**	**0.14**	**1800**	29.4
25%	187	**250**	**219**	**85.1**	**0.65**	**1785**	**46.9**
50%	373	**500**	**413**	**90.3**	**0.81**	**1770**	**70.9**
75%	560	**750**	**612**	**91.5**	**0.86**	**1755**	**98.8**
100%	746	**1000**	**817**	**91.3**	**0.86**	**1735**	**132.0**
125%	933	**1251**	**1032**	**90.4**	**0.84**	**1710**	**170.6**



OUTPUT TORQUE VS SPEED