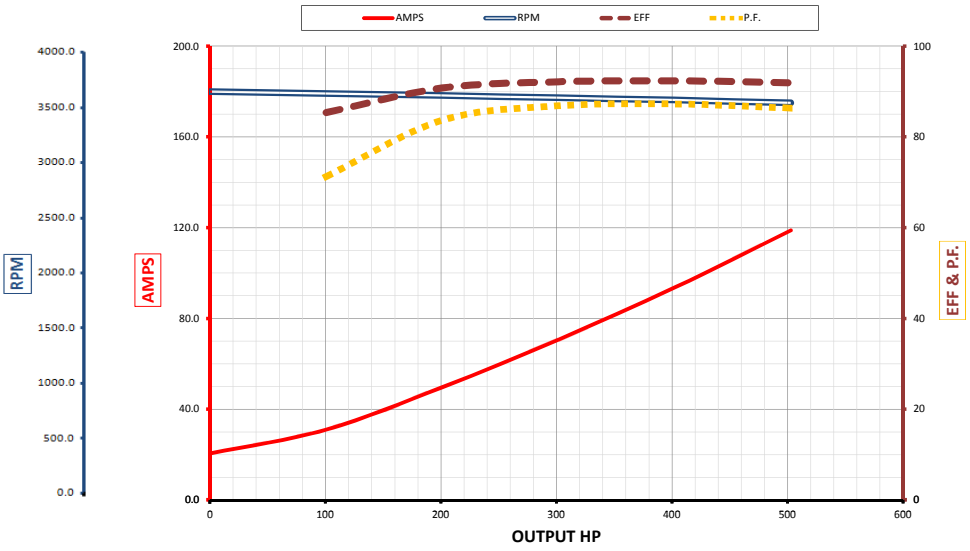
MOTOR PERFORMANCE DATA

Model: 12" 2P Submersible Motor

WATER	Type	400	HP	94	AMPS	**Date:** 28/07/2014
3	Phase	2300	Volt	3525	RPM	**400 HP**
1.15	S.F.	30Deg.C	Max.Amb.Water	60	Hertz	**3525 RPM**
				4540	Kg Thrust Load	**1200 mm Stack**

Full Load Torque	812	Nm
Break Down Torque	1910	Nm
Locked Rotor Torque	566	Nm
Locked Rotor Current	444	Amps
Winding Resistance	0.44	Ohms
Weight (With Water)	950	Kg (Approximate)

Load	KW out	HP	KW in	EFF	P.F.	RPM	AMPS
No Load	0	**0**	**12**	**0**	**0.15**	**3600**	**20.5**
25%	75	**101**	**88**	**85.3**	**0.71**	**3582**	**31.0**
50%	150	**201**	**165**	**90.7**	**0.84**	**3565**	**49.7**
75%	225	**302**	**244**	**92.1**	**0.87**	**3545**	**70.7**
100%	300	**402**	**325**	**92.3**	**0.87**	**3525**	**93.6**
125%	375	**503**	**408**	**91.9**	**0.86**	**3500**	**118.8**



OUTPUT TORQUE VS SPEED