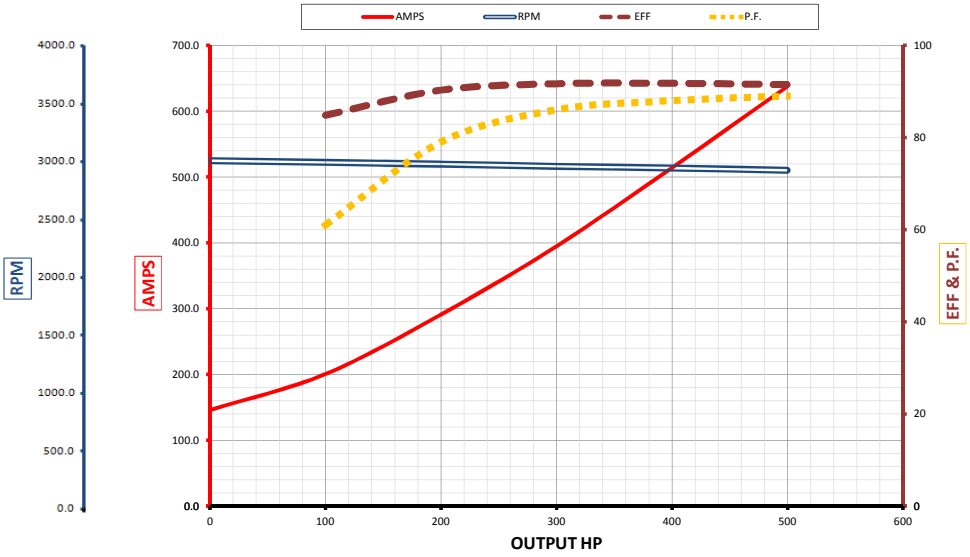
MOTOR PERFORMANCE DATA

Model: 12" 2P Submersible Motor

WATER	Type	400	HP	514	AMPS	**Date:** 18/06/2014
3	Phase	415	Volt	2935	RPM	**400** HP
1.15	S.F.	30Deg.C	Max.Amb.Water	50	Hertz	**2935** RPM
				4540	Kg Thrust Load	**1300** mm Stack

Full Load Torque	970	Nm
Break Down Torque	3804	Nm
Locked Rotor Torque	2134	Nm
Locked Rotor Current	3390	Amps
Winding Resistance	0.02	Ohms
Weight (With Water)	1050	Kg (Approximate)

Load	KW out	HP	KW in	EFF	P.F.	RPM	AMPS
No Load	0	**0**	**11**	**0**	**0.10**	**3000**	**146.1**
25%	75	**100**	**88**	**84.8**	**0.61**	**2985**	**200.7**
50%	149	**200**	**165**	**90.3**	**0.79**	**2970**	**290.9**
75%	224	**300**	**244**	**91.7**	**0.86**	**2950**	**394.7**
100%	298	**400**	**325**	**91.8**	**0.88**	**2935**	**513.8**
125%	373	**500**	**407**	**91.5**	**0.89**	**2915**	**637.1**



OUTPUT TORQUE VS SPEED