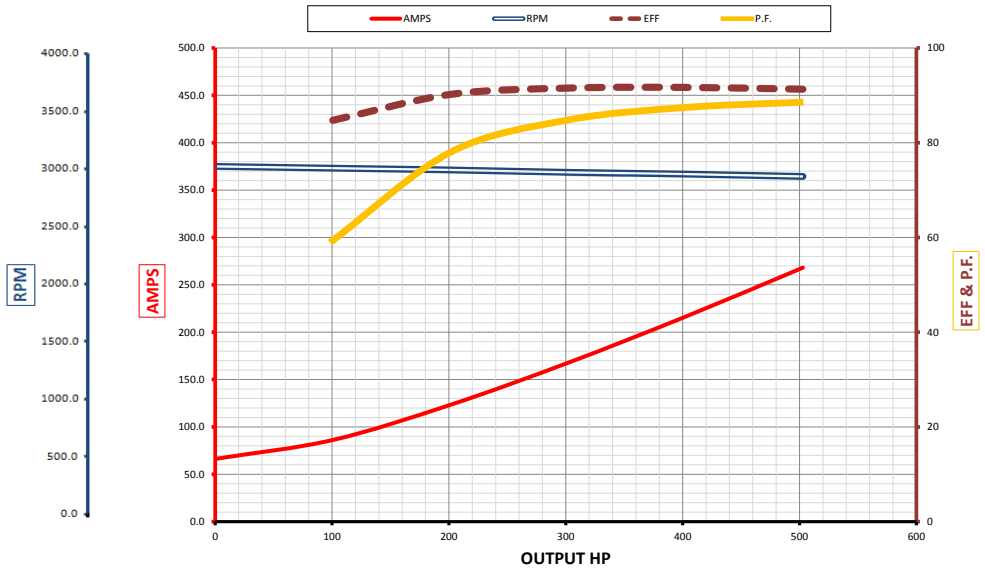
MOTOR PERFORMANCE DATA

Model: 12" 2P Submersible Motor

WATER	Type	400	HP	216	AMPS	**Date: 8/04/2015**
3	Phase	1000	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	977	Nm
Break Down Torque	4075	Nm
Locked Rotor Torque	2396	Nm
Locked Rotor Current	1298	Amps
Winding Resistance	0.11	Ohms
Weight (With Water)	1050	Kg (Approximate)

Load	KW out	HP	KW in	EFF	P.F.	RPM	AMPS
No Load	0	**0**	**15**	**0**	**0.13**	**3000**	**66.2**
25%	75	**101**	**89**	**84.7**	**0.59**	**2985**	**86.2**
50%	150	**201**	**166**	**90.2**	**0.78**	**2970**	**123.3**
75%	225	**302**	**246**	**91.5**	**0.85**	**2950**	**167.6**
100%	300	**402**	**327**	**91.7**	**0.87**	**2935**	**216.3**
125%	375	**503**	**411**	**91.3**	**0.89**	**2915**	**268.1**



OUTPUT TORQUE VS SPEED