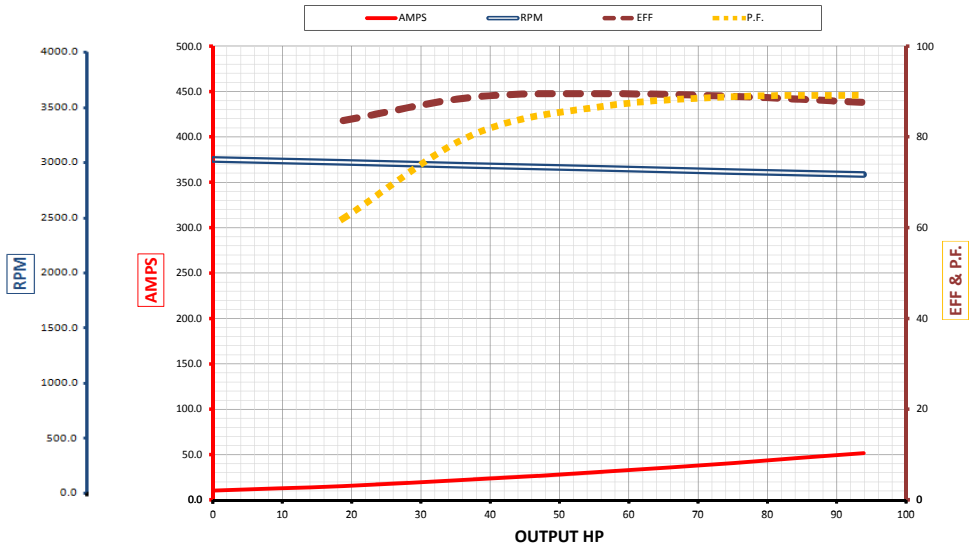
MOTOR PERFORMANCE DATA

Model: 10" 2P Submersible Motor

WATER	Type	75	HP	41	AMPS	**Date:** 6/12/2013
3	Phase	1000	Volt	2895	RPM	**75** HP
1.15	S.F.	30Deg.C	Max.Amb.Water	50	Hertz	**2895** RPM
				4540	Kg Thrust Load	**425** mm Stack

Full Load Torque	185	Nm
Break Down Torque	445	Nm
Locked Rotor Torque	212	Nm
Locked Rotor Current	210	Amps
Winding Resistance	0.88	Ohms
Weight (With Water)	240	Kg (Approximate)

Load	KW out	HP	KW in	EFF	P.F.	RPM	AMPS
No Load	0	**0**	**2**	**0**	**0.13**	**3000**	**10.5**
25%	14	**19**	**17**	**83.6**	**0.62**	**2974**	**15.6**
50%	28	**38**	**32**	**88.7**	**0.81**	**2948**	**22.7**
75%	42	**56**	**47**	**89.5**	**0.87**	**2921**	**31.3**
100%	56	**75**	**63**	**88.9**	**0.89**	**2895**	**41.0**
125%	70	**94**	**80**	**87.6**	**0.89**	**2869**	**51.8**



OUTPUT TORQUE VS SPEED