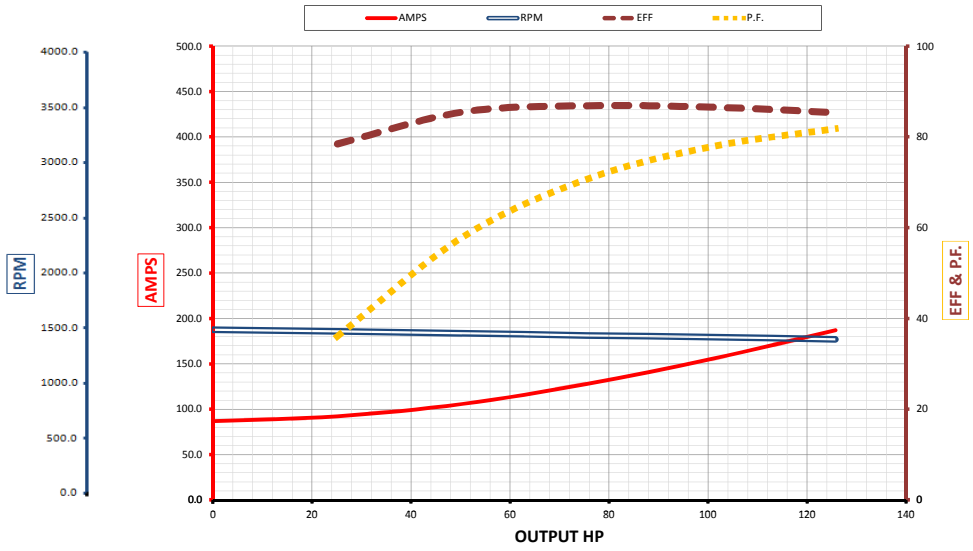
MOTOR PERFORMANCE DATA

Model: 10" 4P Submersible Motor

WATER	Type	100	HP	155	AMPS	**Date:**	18/06/2014
3	Phase	415	Volt	1435	RPM	**100**	**HP**
1.15	S.F.	30Deg.C	Max.Amb.Water	50	Hertz	**1435**	**RPM**
				4540	Kg Thrust Load	**1000**	**mm Stack**

Full Load Torque	500	Nm
Break Down Torque	1746	Nm
Locked Rotor Torque	1387	Nm
Locked Rotor Current	931	Amps
Winding Resistance	0.12	Ohms
Weight (With Water)	520	Kg (Approximate)

Load	KW out	HP	KW in	EFF	P.F.	RPM	AMPS
No Load	0.0	0	4	0	0.06	1500	87.0
25%	18.8	25	24	78.5	0.36	1485	92.4
50%	37.5	50	44	85.4	0.58	1470	105.8
75%	56.3	75	65	86.8	0.71	1450	127.8
100%	75.0	101	87	86.5	0.78	1435	155.2
125%	93.8	126	110	85.3	0.82	1415	186.9



OUTPUT TORQUE VS SPEED