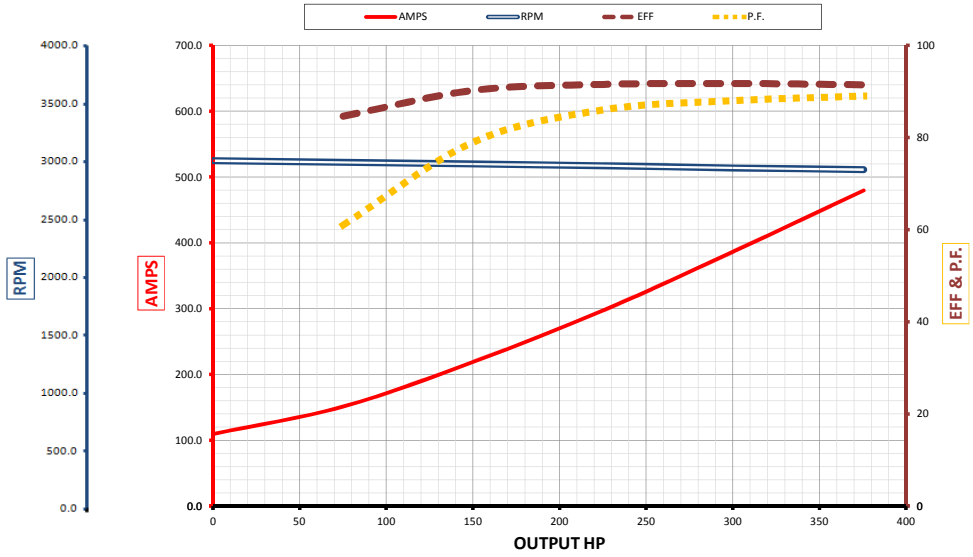
MOTOR PERFORMANCE DATA

Model: 12" 2P Submersible Motor

WATER	Type	300	HP	387	AMPS	**Date:** 18/06/2014
3	Phase	415	Volt	2935	RPM	**300** HP
1.15	S.F.	30Deg.C	Max.Amb.Water	50	Hertz	**2935** RPM
				4540	Kg Thrust Load	**1050** mm Stack

Full Load Torque	728	Nm
Break Down Torque	2842	Nm
Locked Rotor Torque	1560	Nm
Locked Rotor Current	2560	Amps
Winding Resistance	0.03	Ohms
Weight (With Water)	840	Kg (Approximate)

Load	KW out	HP	KW in	EFF	P.F.	RPM	AMPS
No Load	0	0	8	0	0.10	3000	109.5
25%	56	75	66	84.6	0.61	2985	151.2
50%	112	150	124	90.2	0.79	2970	219.0
75%	168	225	184	91.5	0.86	2955	297.4
100%	224	300	244	91.7	0.88	2935	386.7
125%	280	375	306	91.4	0.89	2920	479.4



OUTPUT TORQUE VS SPEED