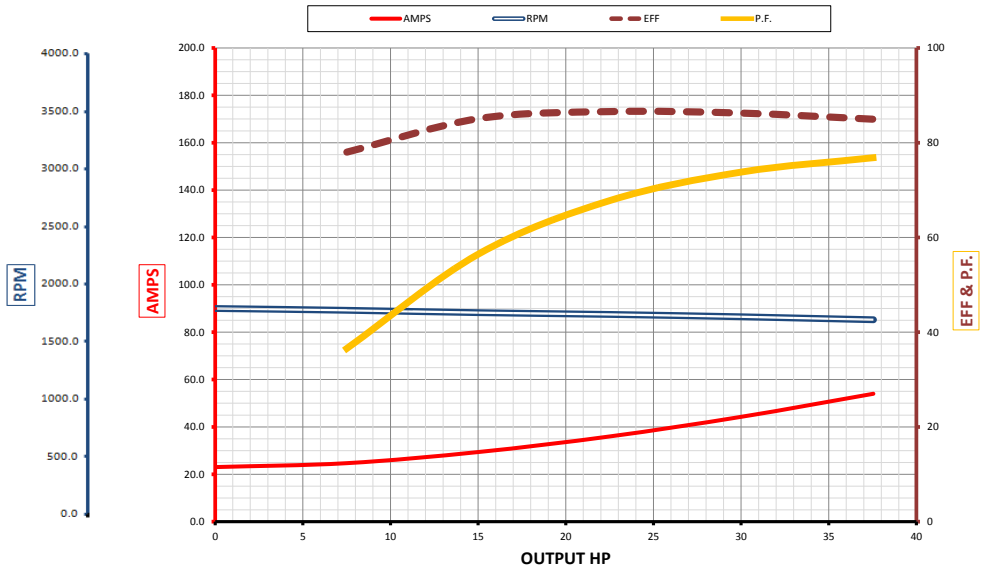
MOTOR PERFORMANCE DATA

Model: 8" 4P Submersible Motor

WATER	Type	30	HP	44	AMPS	**Date: 19/11/2014**
3	Phase	460	Volt	1730	RPM	**30 HP**
1.15	S.F.	30Deg.C	Max.Amb.Water	60	Hertz	**1730 RPM**
				4540	Kg Thrust Load	**570 mm Stack**

Full Load Torque	124	Nm
Break Down Torque	324	Nm
Locked Rotor Torque	199	Nm
Locked Rotor Current	220	Amps
Winding Resistance	0.57	Ohms
Weight (With Water)	160	Kg (Approximate)

Load	KW out	HP	KW in	EFF	P.F.	RPM	AMPS
No Load	0	0	1.1	0	0.06	1800	23.0
25%	5.6	8	7.2	78.0	0.37	1785	24.7
50%	11.2	15	13.2	85.1	0.56	1765	29.4
75%	16.8	23	19.4	86.6	0.68	1750	36.0
100%	22.4	30	26.0	86.2	0.74	1730	44.3
125%	28.0	38	33.0	85.0	0.77	1705	54.0



OUTPUT TORQUE VS SPEED