

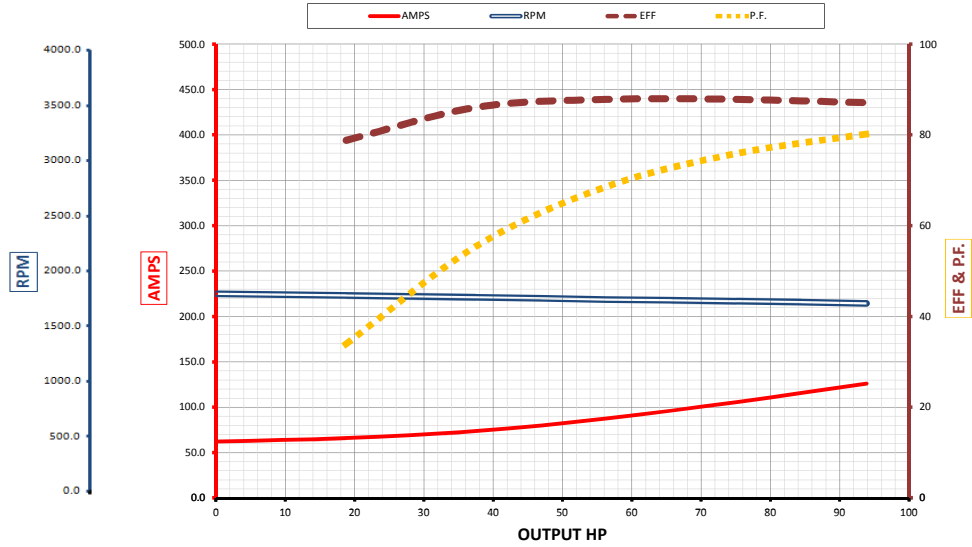


MOTOR PERFORMANCE DATA

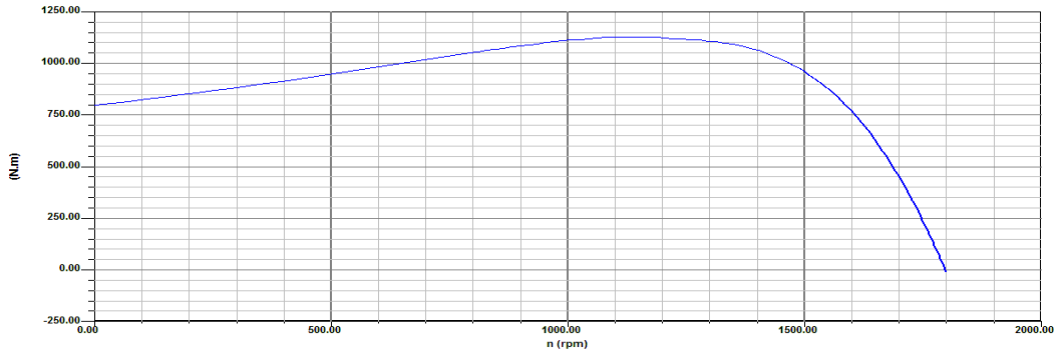
Model: **10" 4P Submersible Motor**

WATER	Type	75	HP	106	AMPS	Date: 27/06/2014 75 HP 1735 RPM 600 mm Stack
3	Phase	460	Volt	1735	RPM	
1.15	S.F.	30Deg.C	Max.Amb.Water	60	Hertz	
				4540	Kg Thrust Load	

			Load	KW out	HP	KW in	EFF	P.F.	RPM	AMPS
Full Load Torque	308	Nm	No Load	0	0	2.5	0	0.05	1800	62.1
Break Down Torque	1129	Nm	25%	14.0	19	17.8	78.8	0.34	1785	65.9
Locked Rotor Torque	797	Nm	50%	28.0	38	32.5	86.1	0.55	1770	73.6
Locked Rotor Current	634	Amps	75%	42.0	56	47.8	87.8	0.69	1750	87.5
Winding Resistance	0.17	Ohms	100%	56.0	75	63.8	87.8	0.76	1735	105.6
Weight (With Water)	318	Kg (Approximate)	125%	70.0	94	80.4	87.1	0.80	1715	126.0



OUTPUT TORQUE VS SPEED



ADDITIONAL INPUT WATTS DUE TO THRUST

