



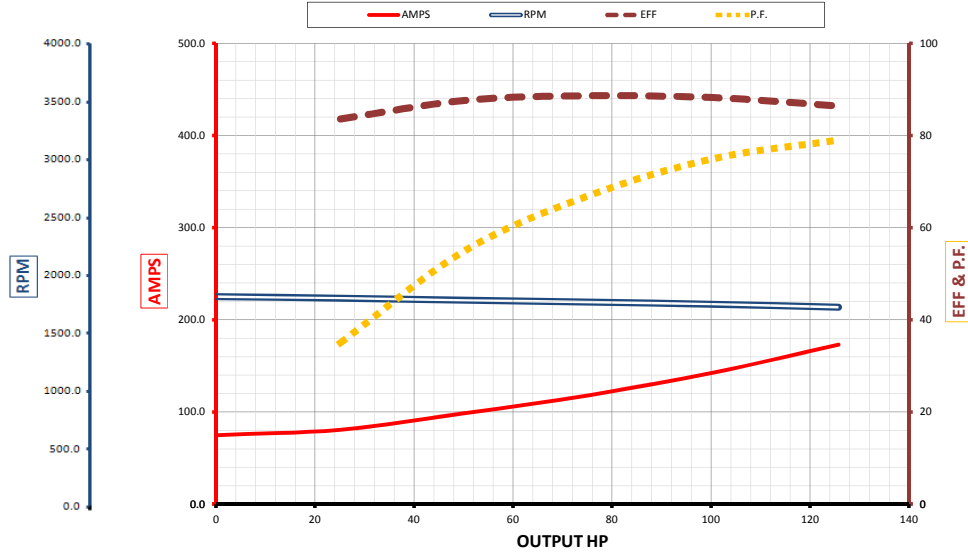
MOTOR PERFORMANCE DATA

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

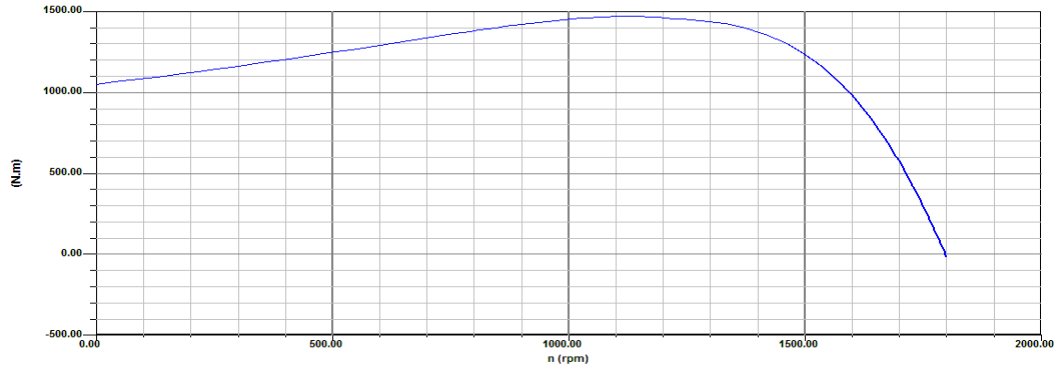
WATER Type	100	HP	143	AMPS
3 Phase	460	Volt	1735	RPM
1.15 S.F.	30Deg.C	Max.Amb.Water	60	Hertz
			4540	Kg Thrust Load

Date:	27/06/2014
100	HP
1735	RPM
800	mm Stack

			Load	KW out	HP	KW in	EFF	P.F.	RPM	AMPS
Full Load Torque	413	Nm	No Load	0	0	4	0	0.06	1800	74.8
Break Down Torque	1470	Nm	25%	18.8	25	22	83.6	0.35	1787	80.8
Locked Rotor Torque	1051	Nm	50%	37.5	50	43	87.6	0.55	1769	98.7
Locked Rotor Current	885	Amps	75%	56.3	75	64	88.6	0.67	1753	118.3
Winding Resistance	0.13	Ohms	100%	75.0	101	85	88.2	0.75	1735	142.8
Weight (With Water)	425	Kg (Approximate)	125%	93.8	126	109	86.4	0.79	1709	173.0



OUTPUT TORQUE VS SPEED



ADDITIONAL INPUT WATTS DUE TO THRUST

