

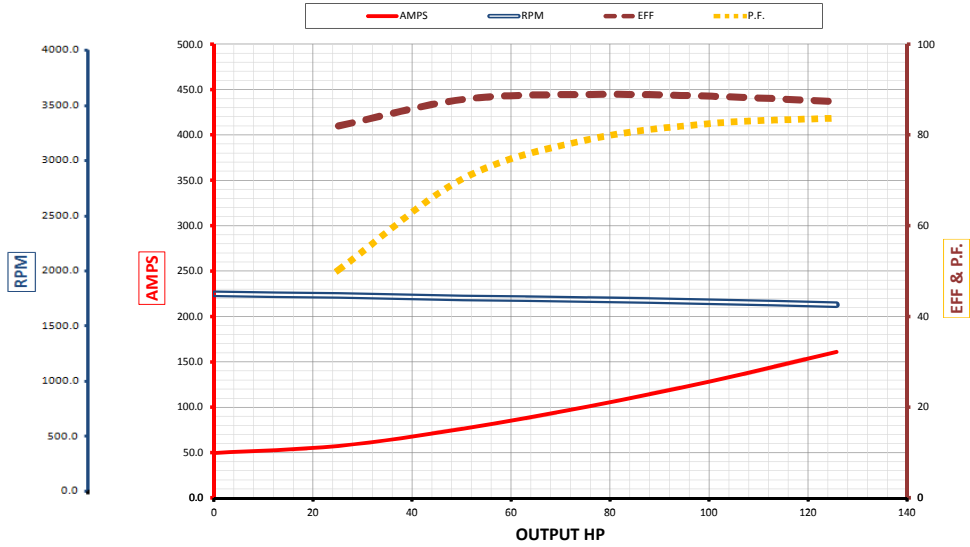


MOTOR PERFORMANCE DATA

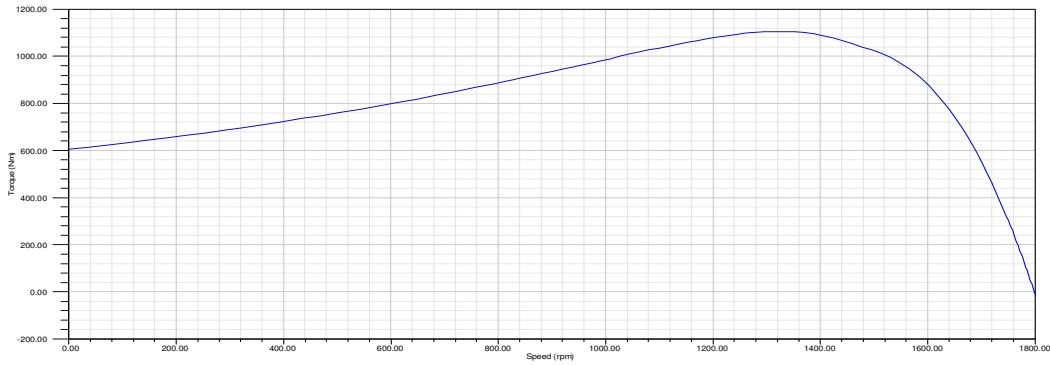
Model: **12" 4P Submersible Motor**

WATER	Type	100	HP	129	AMPS	Date: 1/07/2014 100 HP 1730 RPM 480 mm Stack
3	Phase	460	Volt	1730	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	414	Nm	No Load	0	0	3	0	0.08	1800	49.5
Break Down Torque	1105	Nm	25%	19	25	23	82.0	0.50	1785	57.4
Locked Rotor Torque	605	Nm	50%	38	50	43	87.8	0.70	1765	76.3
Locked Rotor Current	677	Amps	75%	56	75	63	88.9	0.79	1750	100.8
Winding Resistance	0.12	Ohms	100%	75	101	85	88.5	0.83	1730	129.0
Weight (With Water)	370	Kg (Approximate)	125%	94	126	107	87.3	0.84	1705	161.1



OUTPUT TORQUE VS SPEED



ADDITIONAL INPUT WATTS DUE TO THRUST

