

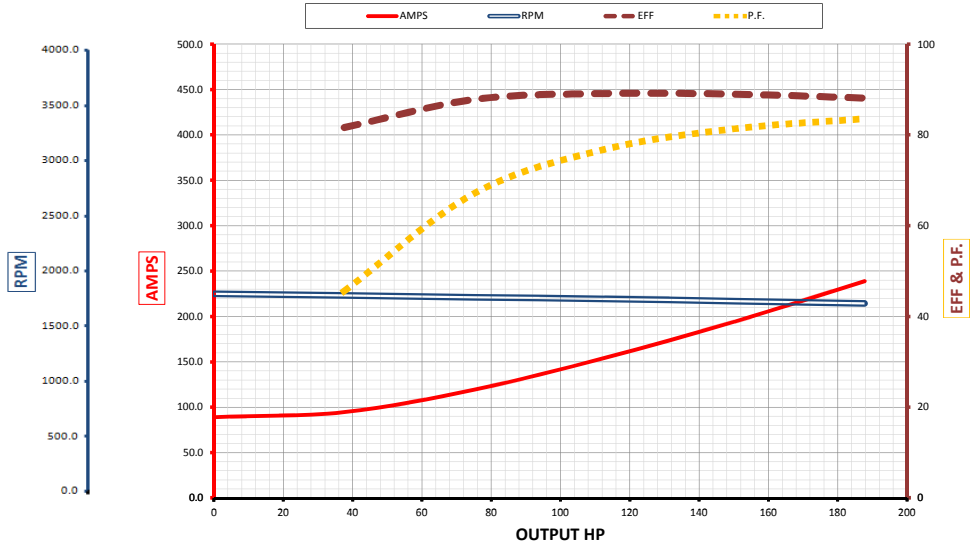


# MOTOR PERFORMANCE DATA

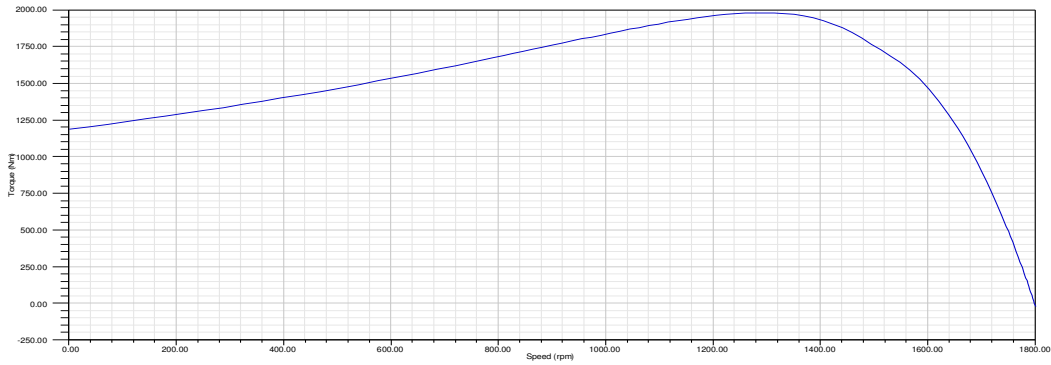
Model: **12" 4P Submersible Motor**

<b>WATER</b>	Type	150	HP	194	AMPS	<b>Date: 1/07/2014</b> 150 HP 1735 RPM 720 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	616	Nm	No Load	0	0	5	0	0.07	1800	89.1
Break Down Torque	1980	Nm	25%	28	38	34	81.6	0.46	1785	94.7
Locked Rotor Torque	1185	Nm	50%	56	75	64	87.8	0.67	1770	119.5
Locked Rotor Current	1166	Amps	75%	84	113	94	89.1	0.77	1755	154.3
Winding Resistance	0.07	Ohms	100%	112	150	126	89.0	0.81	1735	194.4
Weight (With Water)	530	Kg (Approximate)	125%	140	188	159	88.1	0.84	1715	238.9



OUTPUT TORQUE VS SPEED



ADDITIONAL INPUT WATTS DUE TO THRUST

