

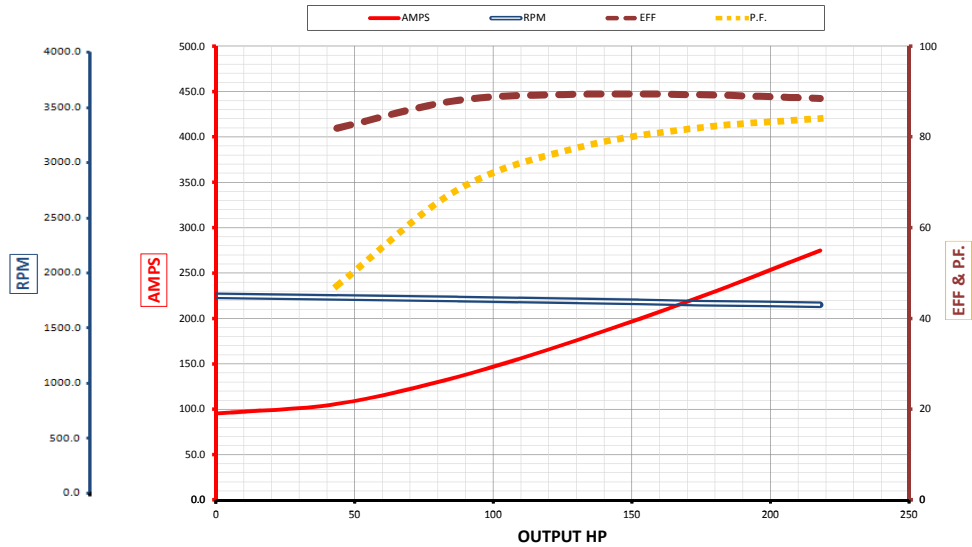


# MOTOR PERFORMANCE DATA

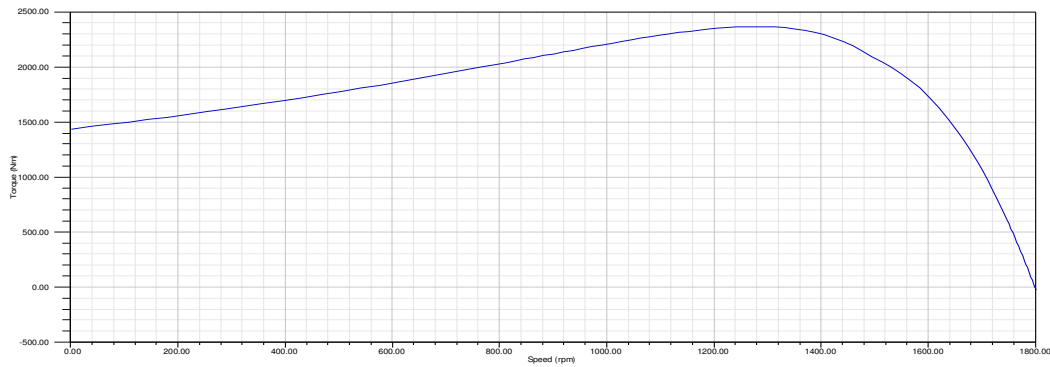
Model: **12" 4P Submersible Motor**

<b>WATER</b>	Type	175	HP	223	AMPS	<b>Date: 1/07/2014</b> 175 HP 1735 RPM 870 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	715	Nm	No Load	0	0	6	0	0.08	1800	95.3
Break Down Torque	2366	Nm	25%	33	44	40	81.9	0.47	1785	105.8
Locked Rotor Torque	1437	Nm	50%	65	87	74	88.0	0.68	1770	135.7
Locked Rotor Current	1339	Amps	75%	98	131	109	89.4	0.78	1755	176.6
Winding Resistance	0.06	Ohms	100%	130	174	146	89.3	0.82	1735	223.2
Weight (With Water)	640	Kg (Approximate)	125%	163	218	184	88.5	0.84	1720	274.7



OUTPUT TORQUE VS SPEED



ADDITIONAL INPUT WATTS DUE TO THRUST

