



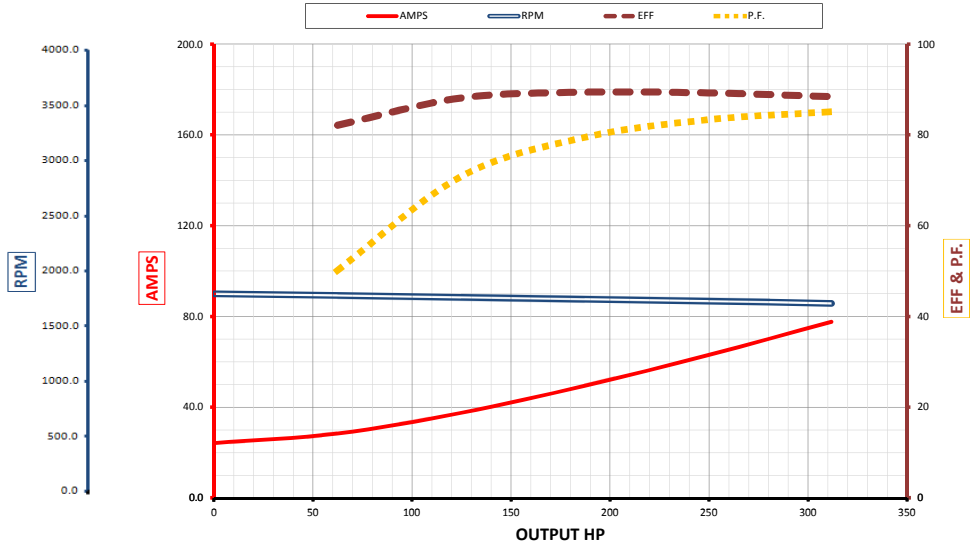
# MOTOR PERFORMANCE DATA

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

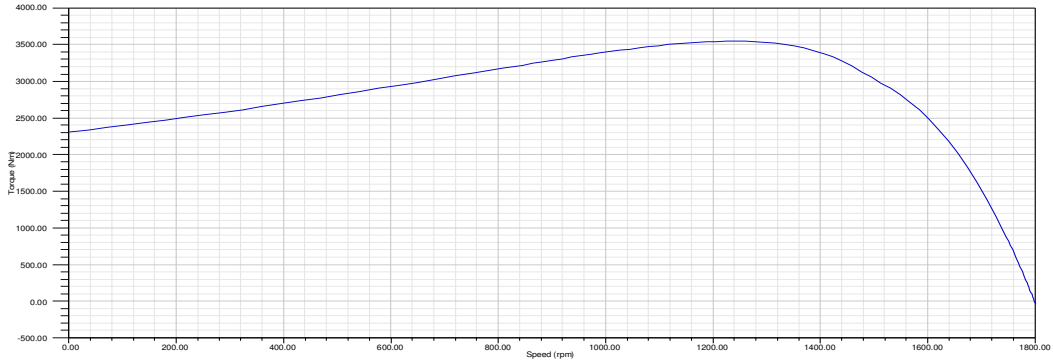
<b>WATER</b>	Type	250	HP	63	AMPS
3	Phase	2300	Volt	1735	RPM
1.15	S.F.	30Deg.C	Max.Amb.Water	60	Hertz
				4540	Kg Thrust Load

<b>Date:</b>	28/07/2014
250	HP
1735	RPM
1300	mm Stack

			Load	KW out	HP	KW in	EFF	P.F.	RPM	AMPS
Full Load Torque	1023	Nm	No Load	0	0	8	0	0.08	1800	24.2
Break Down Torque	3548	Nm	25%	47	62	57	82.1	0.50	1785	28.4
Locked Rotor Torque	2309	Nm	50%	93	125	106	88.1	0.71	1770	37.5
Locked Rotor Current	377	Amps	75%	140	187	156	89.4	0.79	1753	49.4
Winding Resistance	1.10	Ohms	100%	186	249	209	89.2	0.83	1735	62.9
Weight (With Water)	930	Kg (Approximate)	125%	233	312	263	88.4	0.85	1715	77.6



OUTPUT TORQUE VS SPEED



ADDITIONAL INPUT WATTS DUE TO THRUST

