



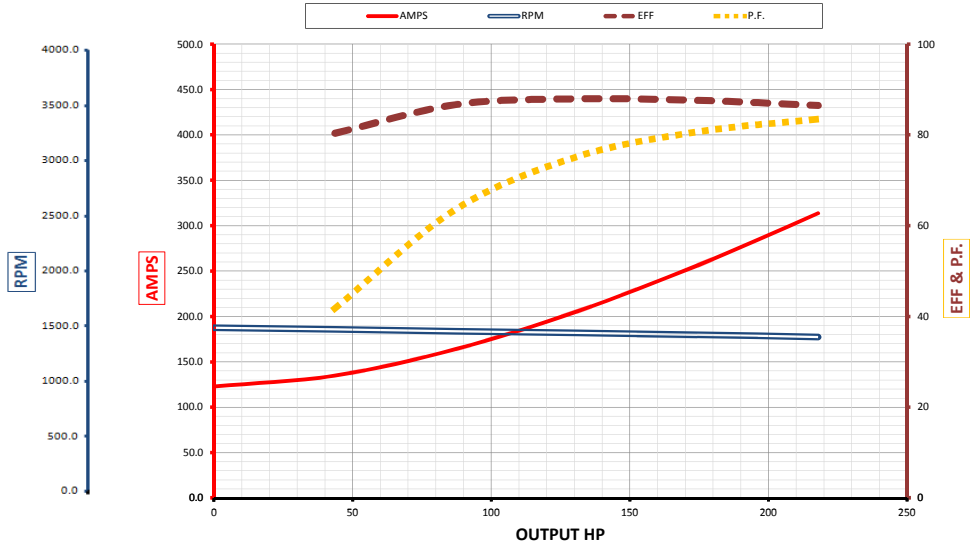
MOTOR PERFORMANCE DATA

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

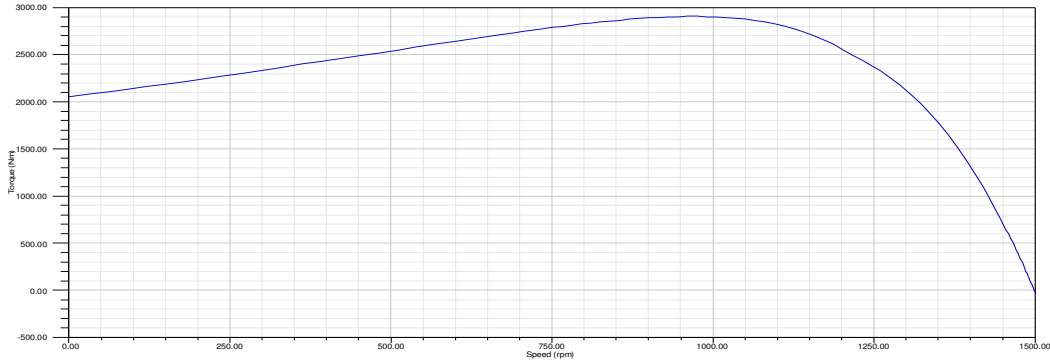
WATER	Type	175	HP	256	AMPS
3	Phase	415	Volt	1440	RPM
1.15	S.F.	30Deg.C	Max.Amb.Water	50	Hertz
				4540	Kg Thrust Load

Date:	19/06/2014
175	HP
1440	RPM
980	mm Stack

			Load	KW out	HP	KW in	EFF	P.F.	RPM	AMPS
Full Load Torque	863	Nm	No Load	0	0	6	0	0.07	1500	123.0
Break Down Torque	2905	Nm	25%	33	44	41	80.3	0.42	1485	135.0
Locked Rotor Torque	2056	Nm	50%	65	87	75	86.6	0.64	1470	164.2
Locked Rotor Current	1537	Amps	75%	98	131	111	87.9	0.75	1455	205.5
Winding Resistance	0.06	Ohms	100%	130	174	148	87.6	0.81	1440	256.2
Weight (With Water)	700	Kg (Approximate)	125%	163	218	188	86.4	0.84	1420	313.6



OUTPUT TORQUE VS SPEED



ADDITIONAL INPUT WATTS DUE TO THRUST

