



MOTOR PERFORMANCE DATA

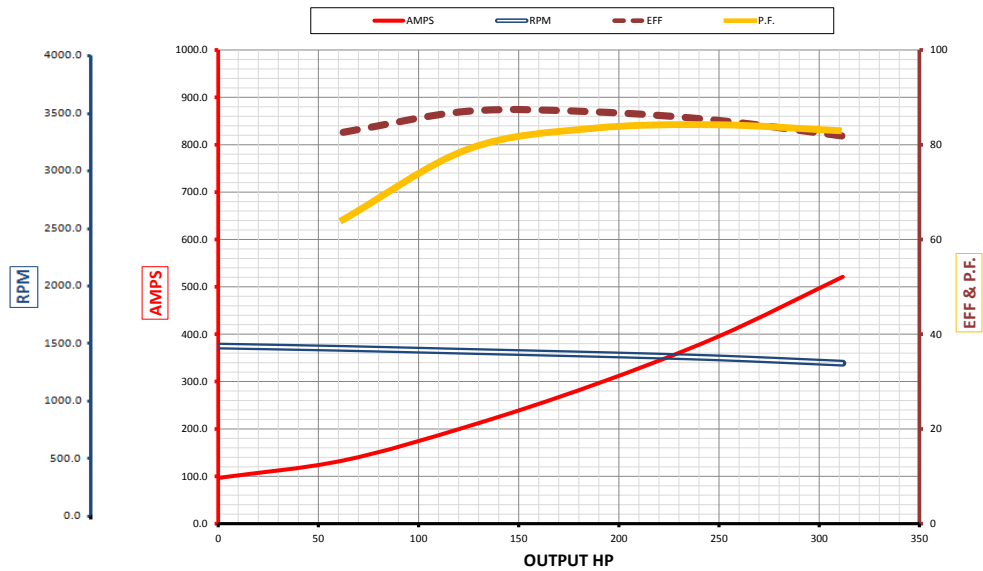
Model: **12" 4P Submersible Motor**

WATER	Type	250	HP
3	Phase	380	Volt
1.15	S.F.	30Deg.C	Max.Amb.Water

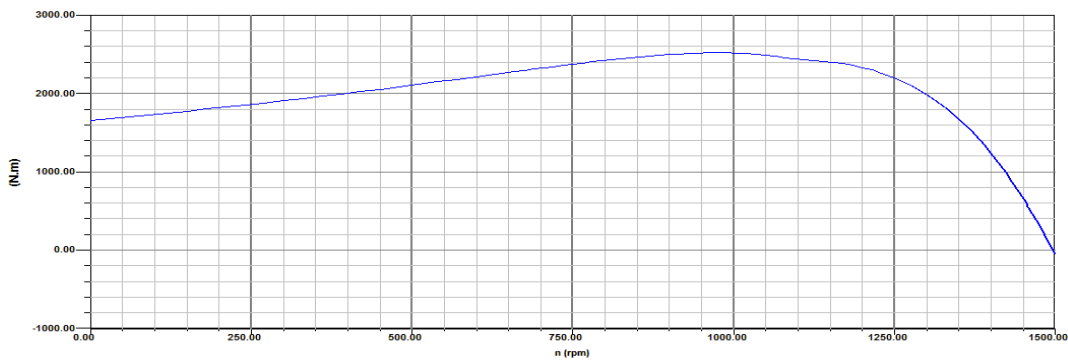
395	AMPS
1400	RPM
50	Hertz
4540	Kg Thrust Load

Date:	29/10/2015
250	HP
1400	RPM
1300	mm Stack

			Load	KW out	HP	KW in	EFF	P.F.	RPM	AMPS
Full Load Torque	1271	Nm	No Load	0	0	8	0	0.13	1500	96.5
Break Down Torque	2523	Nm	25%	47	62	56	82.6	0.64	1480	133.4
Locked Rotor Torque	1663	Nm	50%	93	125	107	87.1	0.79	1455	205.5
Locked Rotor Current	1557	Amps	75%	140	187	160	86.9	0.83	1430	292.4
Winding Resistance	0.05	Ohms	100%	186	249	219	85.1	0.84	1400	394.7
Weight (With Water)	940	Kg (Approximate)	125%	233	312	284	81.8	0.83	1355	521.2



OUTPUT TORQUE VS SPEED



ADDITIONAL INPUT WATTS DUE TO THRUST

