



MOTOR PERFORMANCE DATA

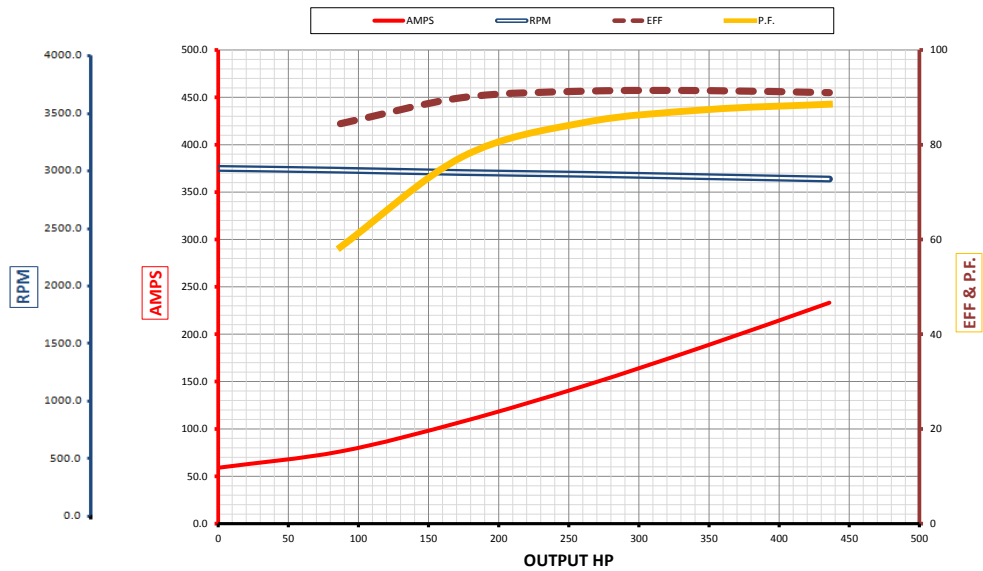
Model: **12" 2P Submersible Motor**

WATER	Type	350	HP
3	Phase	1000	Volt
1.15	S.F.	30Deg.C	Max.Amb.Water

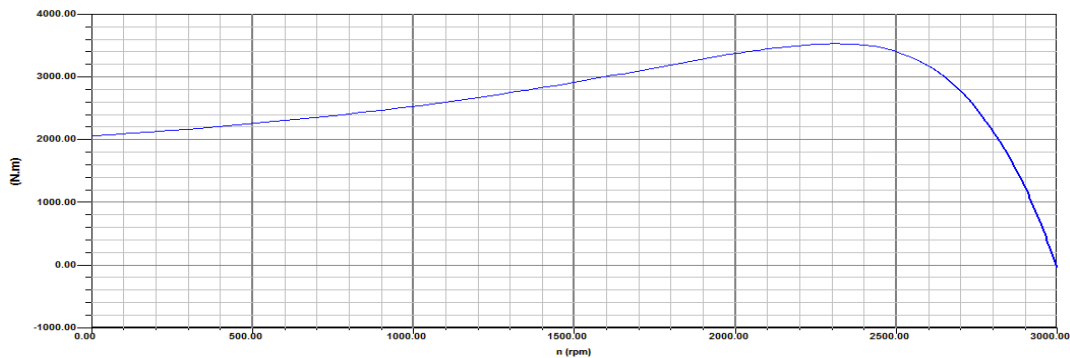
188	AMPS
2930	RPM
50	Hertz
4540	Kg Thrust Load

Date:	14/04/2015
350	HP
2930	RPM
1200	mm Stack

			Load	KW out	HP	KW in	EFF	P.F.	RPM	AMPS
Full Load Torque	846	Nm	No Load	0	0	13	0	0.13	3000	59.0
Break Down Torque	3531	Nm	25%	65	87	77	84.4	0.58	2985	76.2
Locked Rotor Torque	2060	Nm	50%	130	174	145	90.0	0.77	2965	107.8
Locked Rotor Current	1129	Amps	75%	195	261	214	91.3	0.85	2950	145.7
Winding Resistance	0.15	Ohms	100%	260	349	284	91.4	0.87	2930	188.1
Weight (With Water)	950	Kg (Approximate)	125%	325	436	357	91.0	0.89	2910	233.2



OUTPUT TORQUE VS SPEED



ADDITIONAL INPUT WATTS DUE TO THRUST

