



MOTOR PERFORMANCE DATA

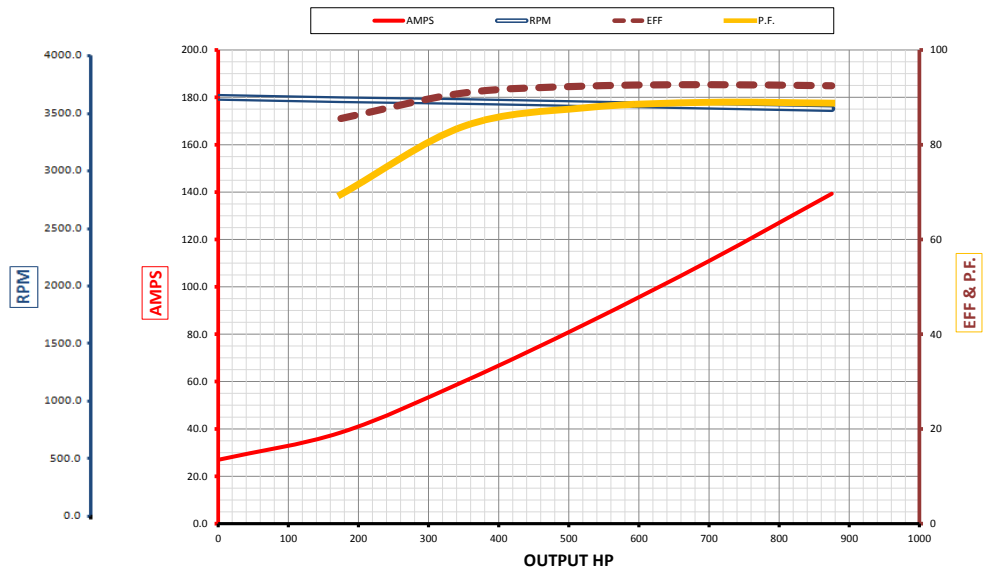
Model: **16" 2P Submersible Motor**

WATER	Type	700	HP
3	Phase	3300	Volt
1.15	S.F.	30Deg.C	Max.Amb.Water

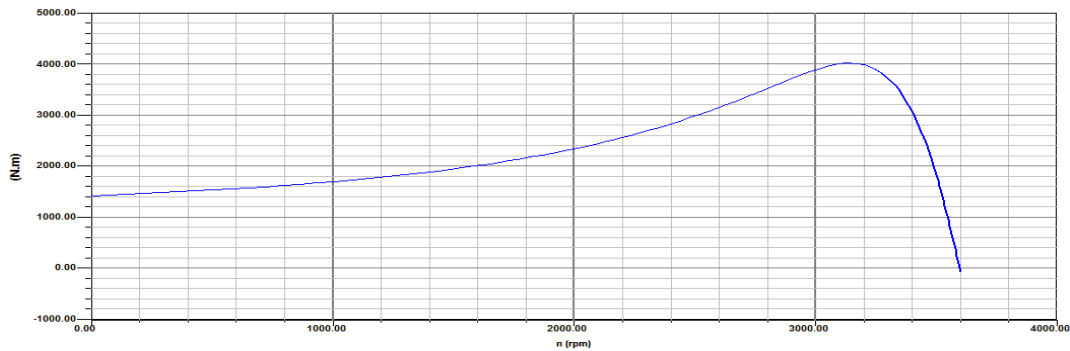
111	AMPS
3525	RPM
60	Hertz
4540	Kg Thrust Load

Date: 20/05/2015	
700	HP
3525	RPM
900	mm Stack

			Load	KW out	HP	KW in	EFF	P.F.	RPM	AMPS
Full Load Torque	1414	Nm	No Load	0	0	24	0	0.16	3600	27.0
Break Down Torque	4021	Nm	25%	131	175	153	85.5	0.70	3580	38.5
Locked Rotor Torque	1433	Nm	50%	261	350	287	90.9	0.84	3565	60.0
Locked Rotor Current	622	Amps	75%	392	525	424	92.4	0.88	3545	84.5
Winding Resistance	0.48	Ohms	100%	522	700	563	92.7	0.89	3525	110.9
Weight (With Water)	1400	Kg (Approximate)	125%	653	875	706	92.4	0.89	3505	139.3



OUTPUT TORQUE VS SPEED



ADDITIONAL INPUT WATTS DUE TO THRUST

