



MOTOR PERFORMANCE DATA

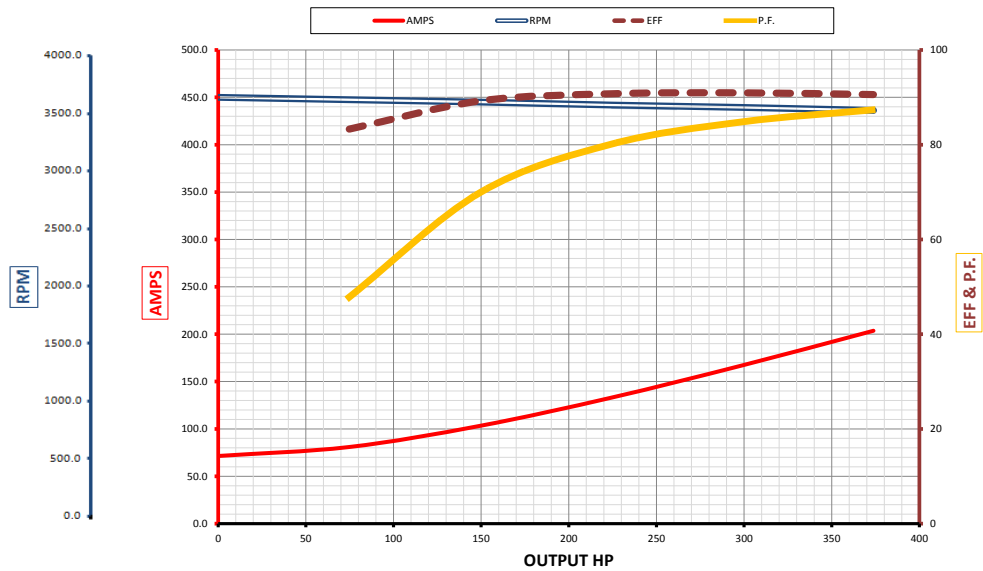
Model: **10" 2P Submersible Motor**

WATER	Type	300	HP
3	Phase	1000	Volt
1.15	S.F.	30Deg.C	Max.Amb.Water

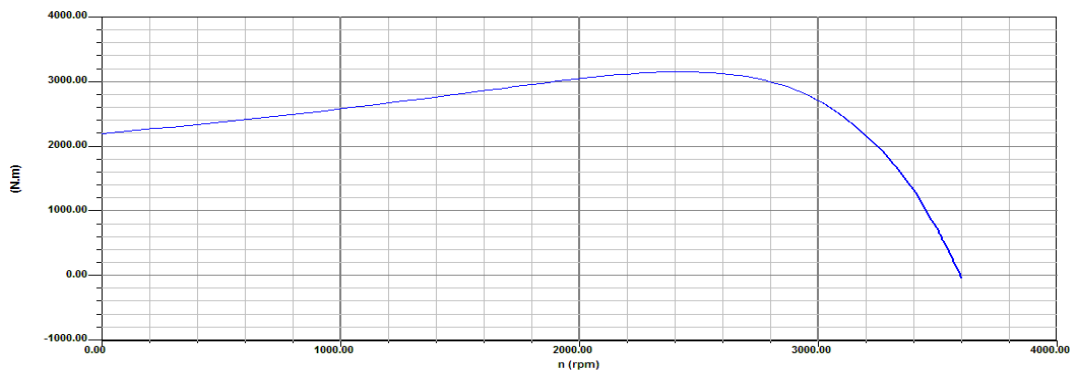
167	AMPS
3515	RPM
60	Hertz
4540	Kg Thrust Load

Date: 2/11/2015	
300	HP
3515	RPM
1300	mm Stack

			Load	KW out	HP	KW in	EFF	P.F.	RPM	AMPS
Full Load Torque	606	Nm								
Break Down Torque	3156	Nm	No Load	0	0	12	0	0.10	3600	71.4
Locked Rotor Torque	2205	Nm	25%	56	75	67	83.3	0.48	3580	80.9
Locked Rotor Current	1003	Amps	50%	112	150	125	89.2	0.70	3560	103.3
Winding Resistance	0.18	Ohms	75%	167	224	184	90.8	0.80	3535	133.0
Weight (With Water)	700	Kg (Approximate)	100%	223	299	245	91.0	0.85	3515	167.1
			125%	279	374	308	90.6	0.87	3490	203.6



OUTPUT TORQUE VS SPEED



ADDITIONAL INPUT WATTS DUE TO THRUST

