



MOTOR PERFORMANCE DATA

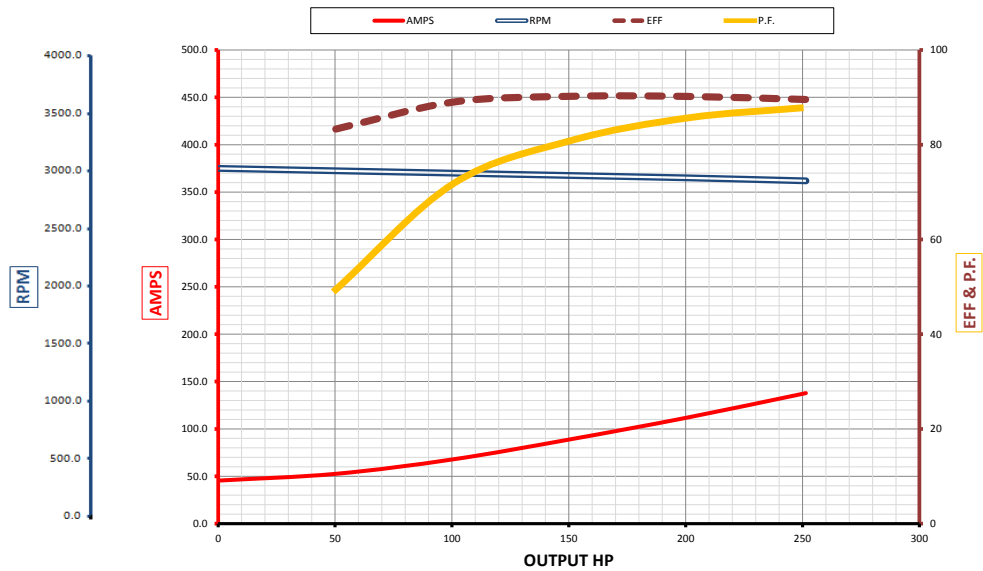
Model: **10" 2P Submersible Motor**

<u>WATER</u>	Type	<u>200</u>	HP
<u>3</u>	Phase	<u>1000</u>	Volt
<u>1.15</u>	S.F.	<u>30Deg.C</u>	Max.Amb.Water

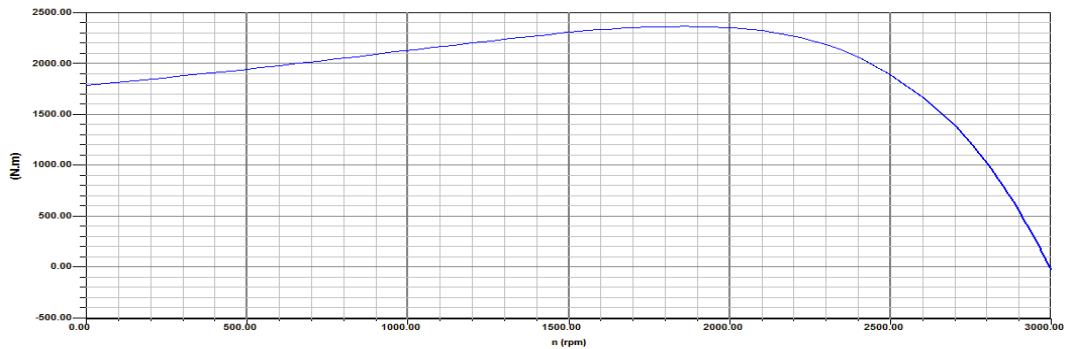
<u>112</u>	AMPS
<u>2920</u>	RPM
<u>50</u>	Hertz
<u>4540</u>	Kg Thrust Load

Date:	8/04/2015
200	HP
2920	RPM
1050	mm Stack

			Load	KW out	HP	KW in	EFF	P.F.	RPM	AMPS
Full Load Torque	<u>492</u>	Nm								
Break Down Torque	<u>2365</u>	Nm	No Load	0	0	8	0	0.10	3000	45.4
Locked Rotor Torque	<u>1788</u>	Nm	25%	38	50	45	83.3	0.49	2980	52.6
Locked Rotor Current	<u>673</u>	Amps	50%	75	101	84	89.0	0.72	2960	67.9
Winding Resistance	<u>0.30</u>	Ohms	75%	113	151	125	90.2	0.81	2940	89.1
Weight (With Water)	<u>570</u>	Kg (Approximate)	100%	150	201	166	90.2	0.86	2920	112.2
			125%	188	251	209	89.5	0.88	2895	137.8



OUTPUT TORQUE VS SPEED



ADDITIONAL INPUT WATTS DUE TO THRUST

