



# MOTOR PERFORMANCE DATA

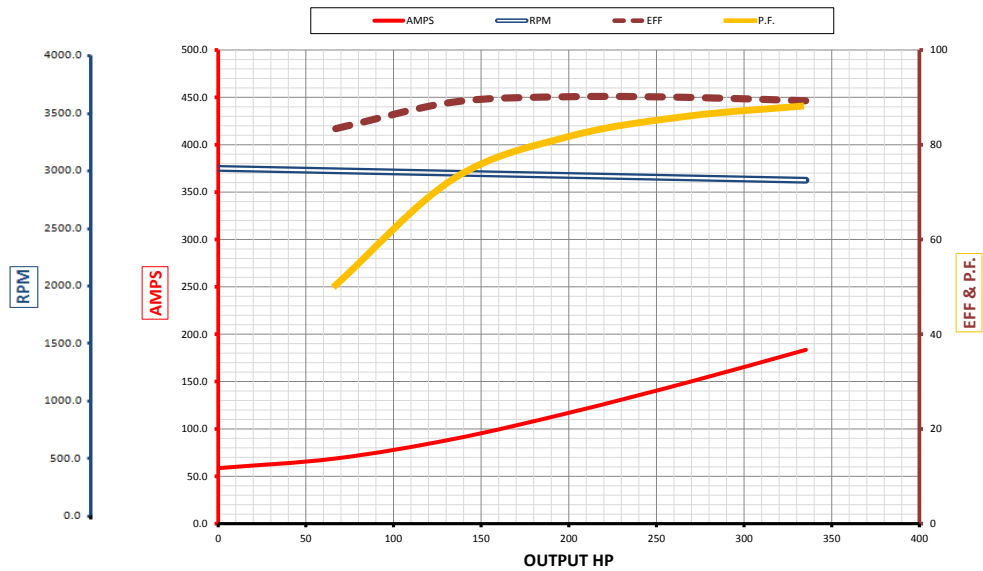
Model: **10" 2P Submersible Motor**

<b>WATER</b>	Type	<b>270</b>	HP
<b>3</b>	Phase	<b>1000</b>	Volt
<b>1.15</b>	S.F.	<b>30Deg.C</b>	Max.Amb.Water

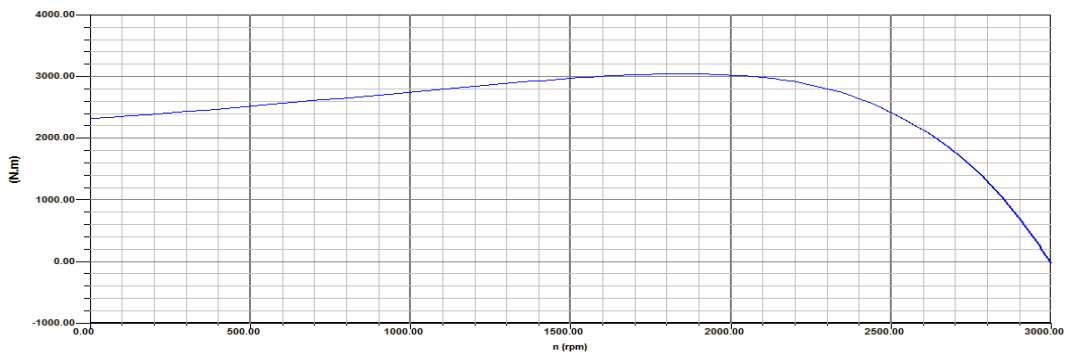
<b>149</b>	AMPS
<b>2920</b>	RPM
<b>50</b>	Hertz
<b>4540</b>	Kg Thrust Load

<b>Date:</b>	<b>8/04/2015</b>
<b>270</b>	HP
<b>2920</b>	RPM
<b>1300</b>	mm Stack

			Load	KW out	HP	KW in	EFF	P.F.	RPM	AMPS
Full Load Torque	<b>657</b>	Nm	<b>No Load</b>	0	0	11	0	0.10	3000	58.6
Break Down Torque	<b>3046</b>	Nm	<b>25%</b>	50	67	60	83.4	0.50	2980	68.8
Locked Rotor Torque	<b>2317</b>	Nm	<b>50%</b>	100	134	112	89.0	0.73	2960	89.3
Locked Rotor Current	<b>896</b>	Amps	<b>75%</b>	150	201	166	90.1	0.82	2940	117.5
Winding Resistance	<b>0.24</b>	Ohms	<b>100%</b>	200	268	222	90.0	0.86	2920	149.3
Weight (With Water)	<b>700</b>	Kg (Approximate)	<b>125%</b>	250	335	280	89.3	0.88	2900	183.5



OUTPUT TORQUE VS SPEED



ADDITIONAL INPUT WATTS DUE TO THRUST

