



# MOTOR PERFORMANCE DATA

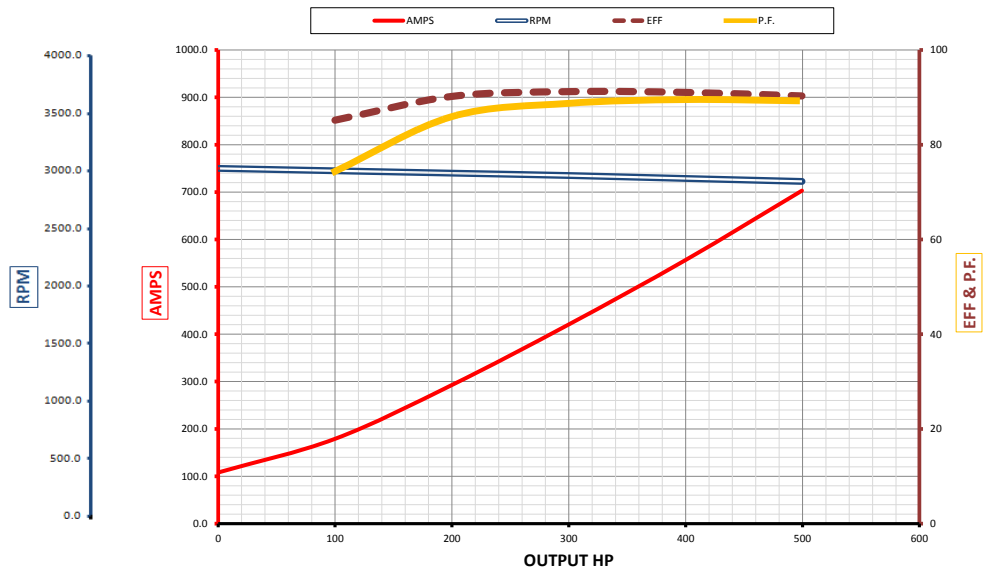
Model: **12" 2P Submersible Motor**

<b>WATER</b>	Type	<b>400</b>	HP
<b>3</b>	Phase	<b>380</b>	Volt
<b>1.15</b>	S.F.	<b>30Deg.C</b>	Max.Amb.Water

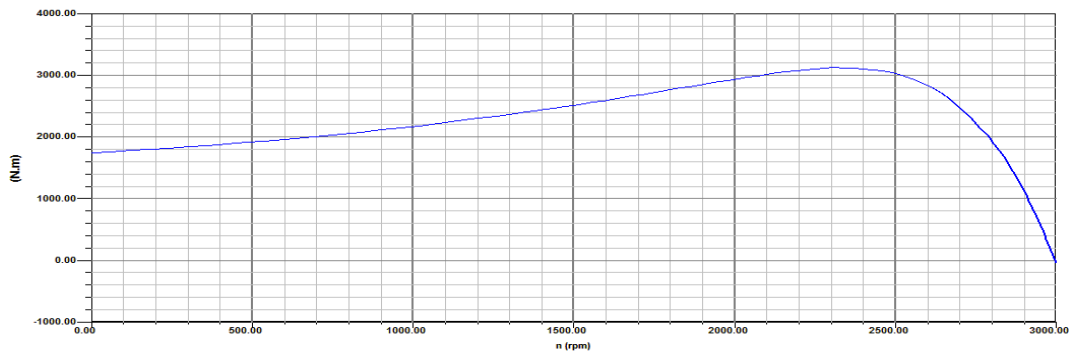
<b>556</b>	AMPS
<b>2915</b>	RPM
<b>50</b>	Hertz
<b>4540</b>	Kg Thrust Load

<b>Date:</b>	<b>8/10/2015</b>
<b>400</b>	HP
<b>2915</b>	RPM
<b>1300</b>	mm Stack

			Load	KW out	HP	KW in	EFF	P.F.	RPM	AMPS
Full Load Torque	<b>976</b>	Nm	No Load	0	0	14	0	0.19	3000	108.1
Break Down Torque	<b>3125</b>	Nm	25%	75	100	88	85.2	0.74	2980	179.0
Locked Rotor Torque	<b>1747</b>	Nm	50%	149	200	165	90.2	0.86	2960	292.5
Locked Rotor Current	<b>3337</b>	Amps	75%	224	300	245	91.2	0.89	2940	420.2
Winding Resistance	<b>0.02</b>	Ohms	100%	298	400	327	91.0	0.90	2915	556.1
Weight (With Water)	<b>1050</b>	Kg (Approximate)	125%	373	500	413	90.3	0.89	2890	703.0



OUTPUT TORQUE VS SPEED



ADDITIONAL INPUT WATTS DUE TO THRUST

