



MOTOR PERFORMANCE DATA

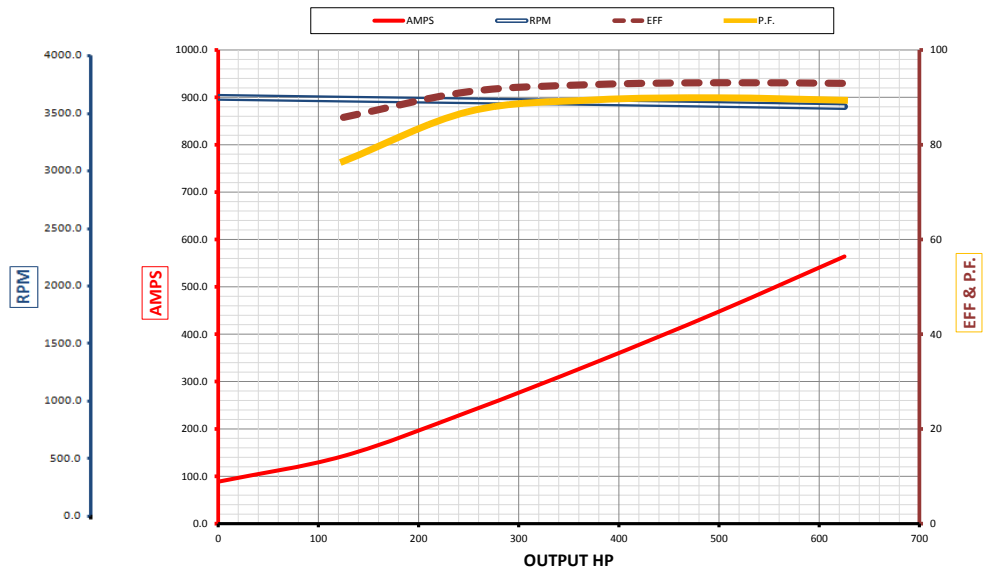
Model: **14" 2P Submersible Motor**

<u>WATER</u>	Type	<u>500</u>	HP
<u>3</u>	Phase	<u>575</u>	Volt
<u>1.15</u>	S.F.	<u>30Deg.C</u>	Max.Amb.Water

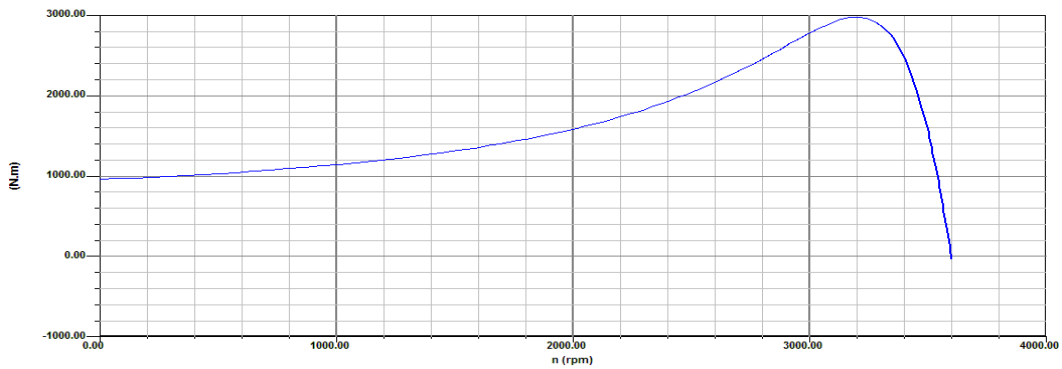
<u>448</u>	AMPS
<u>3540</u>	RPM
<u>60</u>	Hertz
<u>4540</u>	Kg Thrust Load

Date:	<u>2/11/2015</u>
<u>500</u>	HP
<u>3540</u>	RPM
<u>1050</u>	mm Stack

			Load	KW out	HP	KW in	EFF	P.F.	RPM	AMPS
Full Load Torque	<u>1006</u>	Nm	No Load	0	0	17	0	0.20	3600	88.5
Break Down Torque	<u>2979</u>	Nm	25%	93	125	109	85.8	0.77	3585	142.8
Locked Rotor Torque	<u>960</u>	Nm	50%	187	250	205	91.2	0.87	3571	236.3
Locked Rotor Current	<u>2688</u>	Amps	75%	280	375	302	92.7	0.89	3556	339.1
Winding Resistance	<u>0.02</u>	Ohms	100%	373	500	401	93.1	0.90	3540	448.0
Weight (With Water)	<u>1170</u>	Kg (Approximate)	125%	466	625	502	93.0	0.89	3522	564.1



OUTPUT TORQUE VS SPEED



ADDITIONAL INPUT WATTS DUE TO THRUST

