



# MOTOR PERFORMANCE DATA

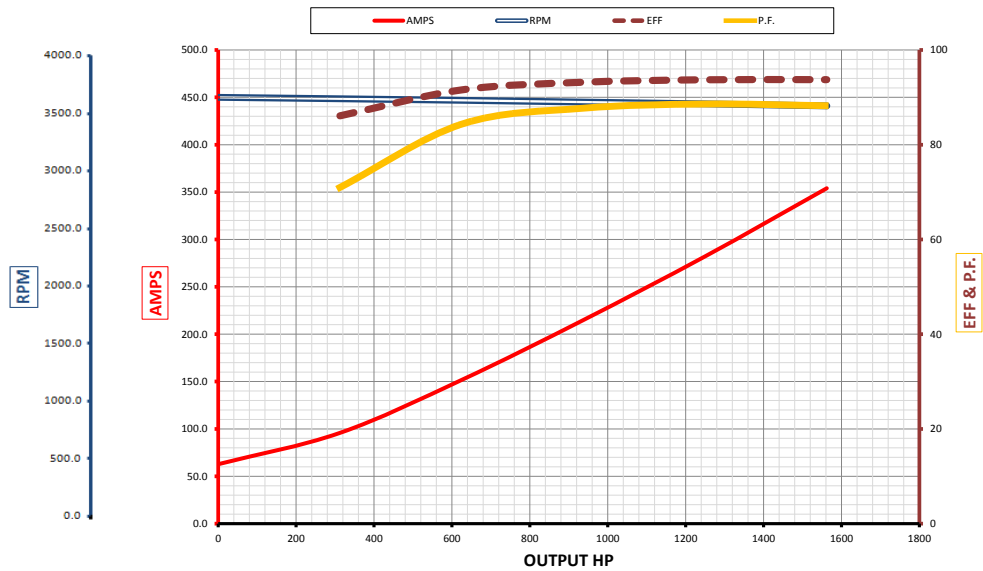
Model: **18" 2P Submersible Motor**

<b>WATER</b>	Type	<b>1250</b>	HP
<b>3</b>	Phase	<b>2300</b>	Volt
<b>1.15</b>	S.F.	<b>30Deg.C</b>	Max.Amb.Water

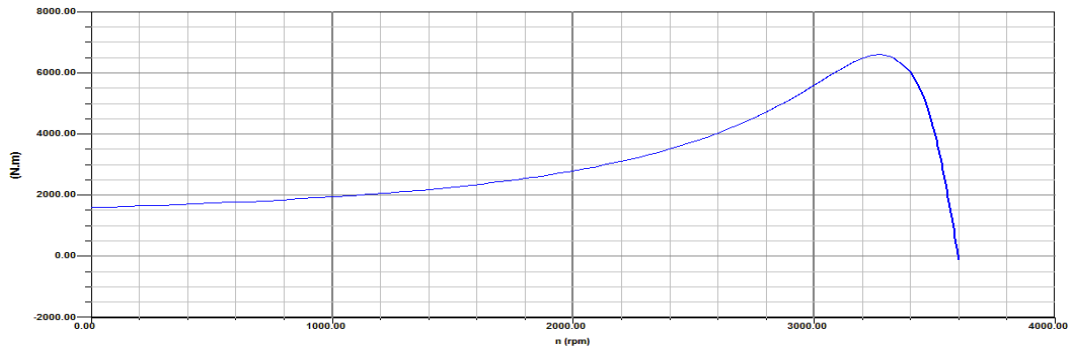
<b>282</b>	AMPS
<b>3545</b>	RPM
<b>60</b>	Hertz
<b>4540</b>	Kg Thrust Load

<b>Date:</b>	<b>12/03/2015</b>
<b>1250</b>	HP
<b>3545</b>	RPM
<b>1000</b>	mm Stack

			Load	KW out	HP	KW in	EFF	P.F.	RPM	AMPS
Full Load Torque	<b>2512</b>	Nm	<b>No Load</b>	0	0	42	0	0.17	3600	62.7
Break Down Torque	<b>6605</b>	Nm	<b>25%</b>	233	312	271	86.1	0.71	3588	95.8
Locked Rotor Torque	<b>1608</b>	Nm	<b>50%</b>	466	625	509	91.6	0.84	3575	151.7
Locked Rotor Current	<b>1458</b>	Amps	<b>75%</b>	699	937	750	93.2	0.88	3560	214.9
Winding Resistance	<b>0.08</b>	Ohms	<b>100%</b>	932	1250	995	93.7	0.89	3545	282.1
Weight (With Water)	<b>2250</b>	Kg (Approximate)	<b>125%</b>	1165	1562	1243	93.7	0.88	3528	354.0



OUTPUT TORQUE VS SPEED



ADDITIONAL INPUT WATTS DUE TO THRUST

