

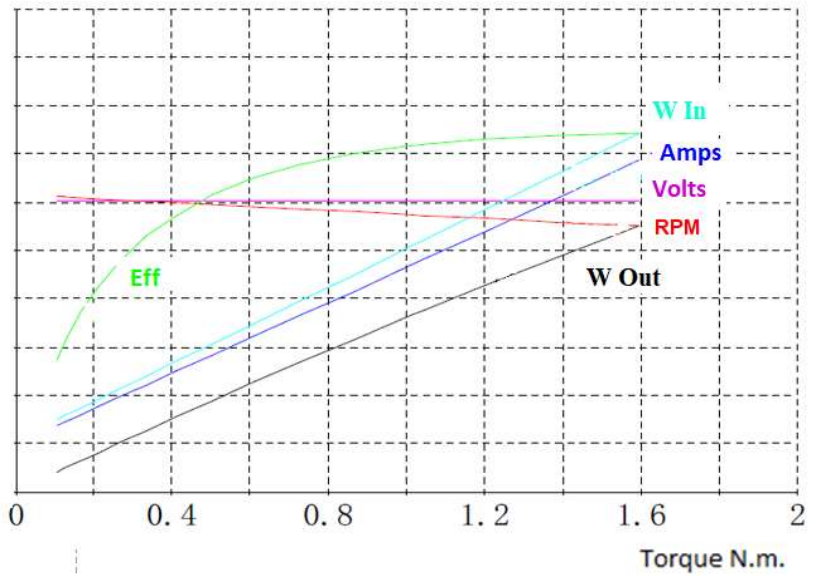
Model: MM2518FC/NV

Description: MaxMotion 0.25HP, 1750RPM, 180VDC, TEFC/NV, 56C

Tester: 01

Test Date: 2018.11.09

V	A	W In	RPM	W out	Eff.%
300	3	500	3000	350	100
270	2.7	450	2700	315	90
240	2.4	400	2400	280	80
210	2.1	350	2100	245	70
180	1.8	300	1800	210	60
150	1.5	250	1500	175	50
120	1.2	200	1200	140	40
90	0.9	150	900	105	30
60	0.6	100	600	70	20
30	0.3	50	300	35	10
0	0	0	0	0	0



Measured Points	V	A	Input Watts	N.m.	RPM	Output Watts	%
No Load	180.4	0.413	74.68	0.106	1836	20.53	27.4%
Rated	180.3	1.444	260.5	1.042	1717	187.5	71.9%
Efficiency Max.	180.3	2.058	371.2	1.596	1649	275.6	74.2%
Max. Kw Output	180.3	2.058	371.2	1.596	1649	275.6	74.2%
Max. Torq. Output	180.3	2.058	371.2	1.596	1649	275.6	74.2%
End	180.3	2.058	371.2	1.596	1649	275.6	74.2%

Load	Measure	V	A	Input Watts	N.m.	RPM	Output Watts	Eff %
10.9%	1	180.4	0.413	74.68	0.106	1836	<b>20.53</b>	27.4%
13.0%	2	180.4	0.435	78.63	0.126	1833	<b>24.33</b>	30.9%
17.0%	3	180.4	0.477	86.15	0.166	1829	<b>31.94</b>	37.0%
21.5%	4	180.4	0.527	95.17	0.211	1822	<b>40.28</b>	42.3%
27.2%	5	180.4	0.529	106.8	0.268	1815	<b>51.08</b>	47.8%
33.8%	6	180.4	0.663	119.7	0.334	1808	<b>63.37</b>	52.9%
41.4%	7	180.4	0.752	135.6	0.412	1798	<b>77.70</b>	57.2%
50.4%	8	180.4	0.849	153.3	0.504	1787	<b>94.44</b>	61.5%
60.4%	9	180.4	0.965	174.1	0.61	1773	<b>113.3</b>	65.0%
71.5%	10	180.3	1.097	197.9	0.728	1758	<b>134.1</b>	67.7%
84.2%	11	180.3	1.246	224.8	0.866	1740	<b>157.9</b>	70.2%
97.3%	12	180.3	1.409	254.3	1.012	1722	<b>182.5</b>	71.7%
<b>100.0%</b>	<b>13</b>	<b>180.3</b>	<b>1.444</b>	<b>260.5</b>	<b>1.042</b>	<b>1717</b>	<b>187.5</b>	<b>71.9%</b>
<b>100.0%</b>	<b>14</b>	<b>180.3</b>	<b>1.444</b>	<b>260.5</b>	<b>1.042</b>	<b>1717</b>	<b>187.5</b>	<b>71.9%</b>
114.1%	15	180.3	1.620	292.3	1.203	1698	<b>213.9</b>	73.1%
129.8%	16	180.3	1.826	329.4	1.388	1675	<b>243.4</b>	73.9%
147.0%	17	180.3	2.058	371.2	1.596	1649	<b>275.6</b>	74.2%