

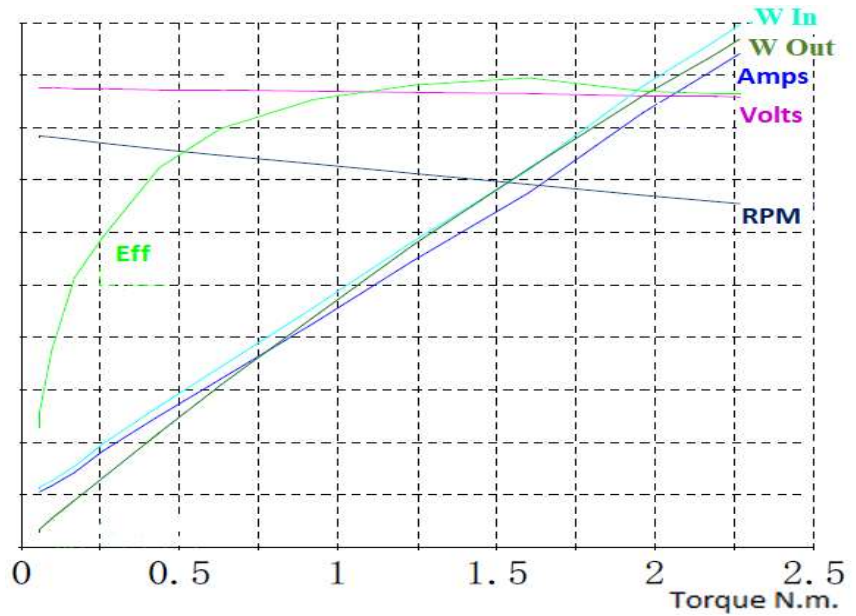
Model: MM5024FC/NV

Description: MaxMotion 0.50HP, 1750RPM, 24VDC, TEFC/NV, 56C

Tester: 01

Test Date: 2019.03.07

V	A	W In	RPM	W out	Eff. %
28	18	450	2500	350	70
25.2	16.2	405	2250	315	63
22.4	14.4	360	2000	280	56
19.6	12.6	315	1750	245	49
16.8	10.8	270	1500	210	42
14	9	225	1250	175	35
11.2	7.2	180	1000	140	28
8.4	5.4	135	750	105	21
5.6	3.6	90	500	70	14
2.8	1.8	45	250	35	7
0	0	0	0	0	0



Measured Points	V	A	Input Watts	N.m.	RPM	Output Watts	%
No Load	24.58	3.728	91.62	0.04	1809	7.576	8.3%
Rated	24.27	15.88	385.4	1.56	1527	250	64.8%
Efficiency Max.	24.35	12.39	301.6	1.18	1607	198.5	65.8%
Max. Kw Output	24.22	17.81	431.5	1.81	14.83	281.3	65.2%
Max. Torq. Output	24.22	17.81	431.5	1.81	14.83	281.3	65.2%
End	24.22	17.81	431.5	1.81	14.83	281.3	65.2%

Load	Measure	V	A	Input Watts	N.m.	RPM	Output Watts	Eff %
3.1%	1	24.53	2.287	56.11	0.06	1957	<b>11.47</b>	20.4%
3.5%	2	24.53	2.318	56.85	0.06	1958	<b>13.12</b>	23.1%
5.7%	3	24.52	2.57	63.04	0.1	1954	<b>21.28</b>	33.8%
9.4%	4	24.5	3.124	76.56	0.17	1943	<b>35.40</b>	46.2%
14.1%	5	24.48	4.052	99.19	0.26	1926	<b>52.83</b>	53.3%
23.3%	6	24.43	5.496	134.3	0.44	1899	<b>87.48</b>	65.1%
32.9%	7	24.39	7.034	171.5	0.63	1870	<b>123.3</b>	71.9%
46.7%	8	24.33	9.375	228.0	0.92	1826	<b>175.1</b>	76.8%
61.5%	9	24.26	12.000	291.2	1.24	1781	<b>230.5</b>	79.2%
77.1%	10	24.19	14.86	359.3	1.6	1730	<b>289.1</b>	80.5%
91.8%	11	24.11	18.23	439.4	1.96	1675	<b>344.1</b>	78.3%
<b>100.0%</b>	<b>12</b>	<b>24.07</b>	<b>19.99</b>	<b>481.0</b>	<b>2.18</b>	<b>1646</b>	<b>375.0</b>	<b>77.9%</b>
103.4%	13	24.05	20.71	498.1	2.27	1634	<b>387.7</b>	77.8%