



# Motor Test Report

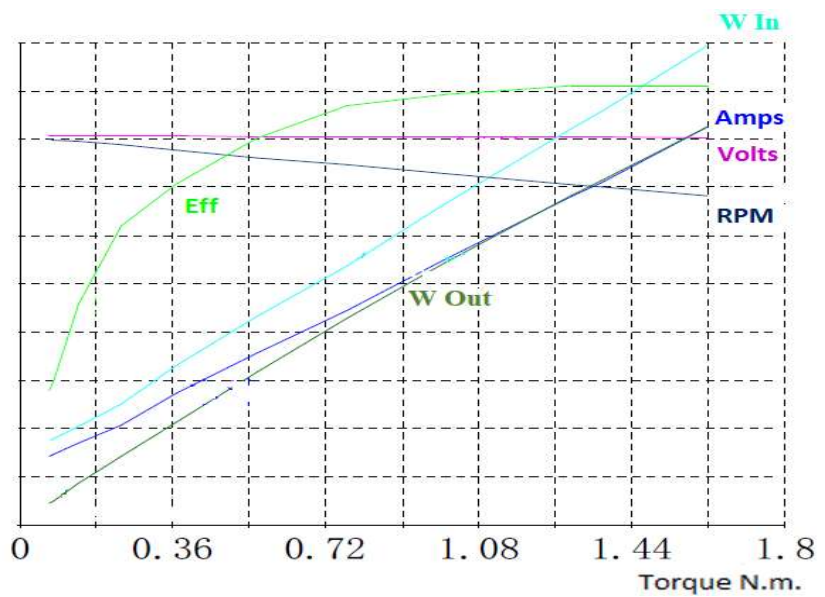
Model: MM3348FC/NV

Description: MaxMotion 0.33HP, 1750RPM, 48VDC, TEFC/NV, 56C

Tester: 01

Test Date: 2019.04.08

V	A	W In	RPM	W out	Eff. %
60	10	400	2500	350	80
54	9	360	2250	315	72
48	8	320	2000	280	64
42	7	280	1750	245	56
36	6	240	1500	210	48
30	5	200	1250	175	40
24	4	160	1000	140	32
18	3	120	750	105	24
12	2	80	500	70	16
6	1	40	250	35	8
0	0	0	0	0	0



Measured Points	V	A	Input Watts	N.m.	RPM	Output Watts	%
No Load	48.41	1.431	69.29	0.07	1998	15.48	22.3%
Rated	48.25	7.112	343.1	1.37	1753	250	72.9%
Efficiency Max.	48.25	7.112	343.1	1.37	1753	250	72.9%
Max. Kw Output	48.22	8.248	397.7	1.62	1708	289.3	72.8%
Max. Torq. Output	48.22	8.248	397.7	1.62	1708	289.3	72.8%
End	48.22	8.248	397.7	1.62	1708	289.3	72.8%

Load	Measure	V	A	Input Watts	N.m.	RPM	Output Watts	Eff %
6.2%	1	48.41	1.431	69.29	0.07	1998	<b>15.48</b>	12.2%
6.9%	2	48.41	1.478	71.54	0.08	1995	<b>17.13</b>	14.4%
12.0%	3	48.4	1.687	81.68	0.14	1987	<b>29.96</b>	24.3%
20.0%	4	48.39	2.077	100.5	0.24	1969	<b>49.89</b>	38.5%
29.9%	5	48.37	2.733	132.2	0.37	1941	<b>74.79</b>	51.9%
44.4%	6	48.35	3.575	172.9	0.56	1905	<b>110.9</b>	61.8%
59.9%	7	48.33	4.449	215.0	0.77	1866	<b>149.7</b>	67.9%
76.1%	8	48.29	5.511	266.1	1	1821	<b>190.3</b>	71.0%
96.0%	9	48.26	6.820	329.1	1.3	1765	<b>239.9</b>	71.3%
<b>100.0%</b>	<b>10</b>	<b>48.25</b>	<b>7.112</b>	<b>343.1</b>	<b>1.37</b>	<b>1753</b>	<b>250.0</b>	<b>71.4%</b>
115.7%	11	48.22	8.248	397.7	1.62	1708	<b>289.3</b>	66.9%