

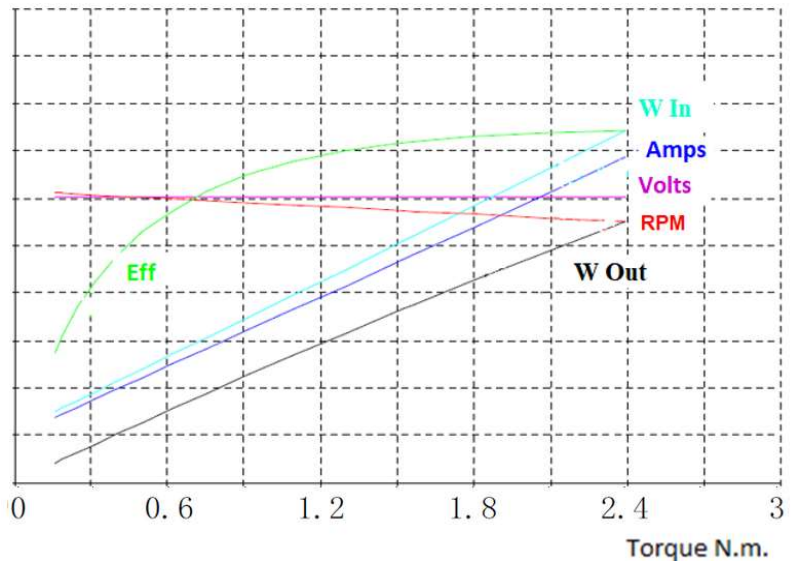
Model: MM3318FC/NV

Description: MaxMotion 0.33HP, 1750RPM, 180VDC, TEFC/NV, 56C

Tester: 01

Test Date: 2018.02.23

V	A	W In	RPM	W out	Eff. %
300	5	700	3000	500	100
270	4.5	630	2700	450	90
240	4	560	2400	400	80
210	3.5	490	2100	350	70
180	3	420	1800	300	60
150	2.5	350	1500	250	50
120	2	280	1200	200	40
90	1.5	210	900	150	30
60	1	140	600	100	20
30	0.5	70	300	50	10
0	0	0	0	0	0



Measured Points	V	A	Input Watts	N.m.	RPM	Output Watts	%
No Load	180.6	0.375	67.90	0.076	1966	15.654	23.0%
Rated	180.5	1.980	357.5	1.414	1687	250	69.9%
Efficiency Max.	180.5	1.980	357.5	1.414	1687	250	69.9%
Max. Kw Output	180.4	2.744	495.2	2.046	1573	337	68.0%
Max. Torq. Output	180.4	2.744	495.2	2.046	1573	337	68.0%
End	180.4	2.744	495.2	2.046	1573	337	68.0%

Load	Measure	V	A	Input Watts	N.m.	RPM	Output Watts	Eff %
6.3%	1	180.6	0.375	67.90	0.076	1966	15.64	23.0%
7.8%	2	180.6	0.401	72.50	0.094	1963	19.48	26.8%
11.1%	3	180.6	0.449	81.28	0.136	1954	27.82	34.2%
15.0%	4	180.6	0.51	92.13	0.184	1943	37.59	40.8%
19.9%	5	180.6	0.585	105.6	0.246	1930	49.70	47.0%
25.3%	6	180.6	0.672	121.4	0.315	1914	63.24	52.0%
32.0%	7	180.5	0.774	139.9	0.403	1896	80.03	57.1%
38.9%	8	180.5	0.886	160.0	0.494	1877	97.23	60.7%
46.8%	9	180.5	1.015	183.3	0.602	1854	117.0	63.8%
55.4%	10	180.5	1.16	209.6	0.723	1829	138.5	66.1%
65.0%	11	180.5	1.328	239.8	0.862	1801	162.5	67.7%
74.9%	12	180.5	1.506	272.0	1.011	1769	187.3	68.8%
86.0%	13	180.5	1.708	308.3	1.182	1736	214.9	69.7%
97.2%	14	180.5	1.926	347.7	1.365	1700	242.9	69.8%
100.0%	15	180.5	1.98	357.5	1.414	1687	250.0	69.9%
100.0%	16	180.5	1.98	357.5	1.414	1687	250.0	69.9%
110.8%	17	180.4	2.199	397.0	1.599	1654	277.0	69.7%
123.1%	18	180.4	2.464	444.7	1.823	1612	307.7	69.1%
134.8%	19	180.4	2.744	495.2	2.046	1573	337.0	68.0%