



Motor Test Report

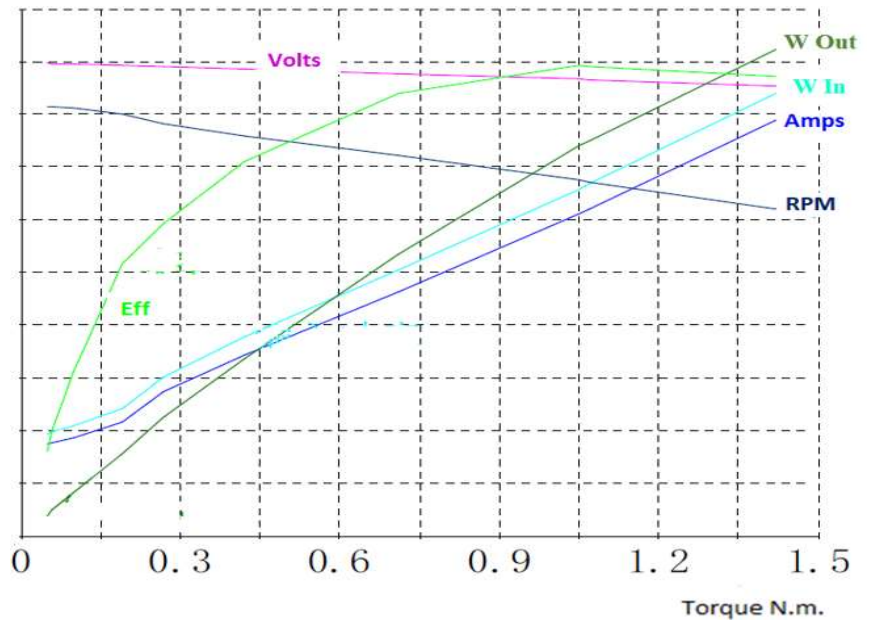
Model: MM2512FC/NV

Description: MaxMotion 0.25HP, 1750RPM, 12VDC, TEFC/NV, 56C

Tester: 01

Test Date: 2019.03.07

V	A	W In	RPM	W out	Eff. %
14	40	450	2500	250	70
12.6	36	405	2250	225	63
11.2	32	360	2000	200	56
9.8	28	315	1750	175	49
8.4	24	270	1500	150	42
7	20	225	1250	125	35
5.6	16	180	1000	100	28
4.2	12	135	750	75	21
2.8	8	90	500	50	14
1.4	4	45	250	25	7
0	0	0	0	0	0



Measured Points	V	A	Input Watts	N.m.	RPM	Output Watts	%
No Load	12.55	6.955	87.27	0.05	2038	9.815	11.2%
Rated	12.12	24.79	300.4	1.07	1680	187.5	62.4%
Efficiency Max.	12.13	24.41	296.1	1.05	1687	185.1	62.5%
Max. Kw Output	11.96	31.58	377.7	1.42	1552	230.7	61.1%
Max. Torq. Output	11.96	31.58	377.7	1.42	1552	230.7	61.1%
End	11.96	31.58	377.7	1.42	1552	230.7	61.1%

Load	Measure	V	A	Input Watts	N.m.	RPM	Output Watts	Eff %
5.2%	1	12.55	6.955	87.27	0.05	2038	9.82	11.2%
6.6%	2	12.54	7.065	88.62	0.06	2037	12.37	14.0%
10.9%	3	12.54	7.482	93.8	0.1	2028	20.38	21.7%
20.8%	4	12.5	8.645	108.1	0.19	2002	38.99	36.1%
29.9%	5	12.45	10.91	135.8	0.27	1957	56.14	41.4%
44.9%	6	12.39	13.68	169.5	0.42	1898	84.26	49.7%
71.3%	7	12.26	18.54	227.3	0.71	1802	133.6	58.8%
98.7%	8	12.13	24.41	296.1	1.05	1687	185.1	62.5%
100.0%	9	12.12	24.79	300.4	1.07	1680	187.5	62.4%
123.0%	10	11.96	31.58	377.7	1.42	1552	230.7	61.1%