



Motor Test Report

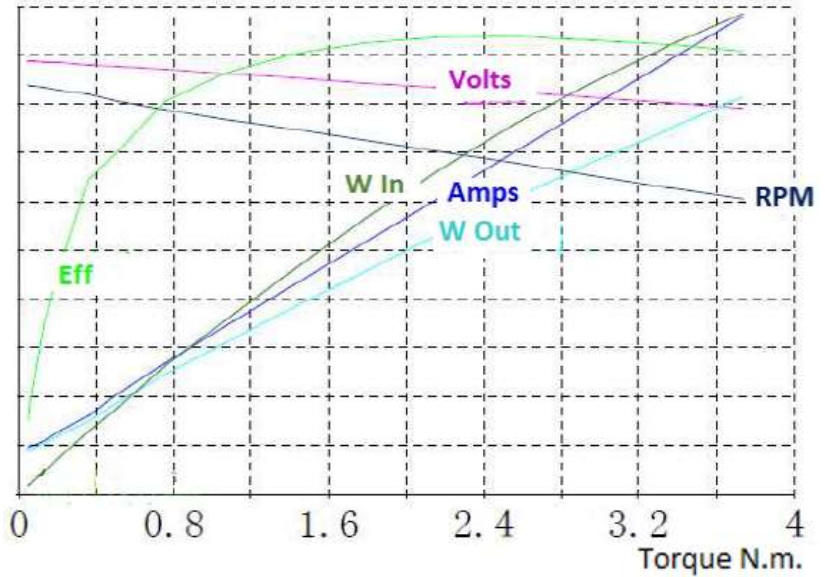
Model: MM7512FC

Description: MaxMotion 0.75HP, 1750RPM, 12VDC, TEFC, 56C

Tester: 01

Test Date: 2018.04.24

V	A	W In	RPM	W out	Eff.%
15	70	1000	2500	600	80
13.5	63	900	2250	540	72
12	56	800	2000	480	64
10.5	49	700	1500	420	56
9	42	600	1500	360	48
7.5	35	500	1250	300	40
6	28	400	1000	240	32
4.3	21	300	750	180	24
3	14	200	500	120	16
1.5	7	100	250	60	8
0	0	0	0	0	0



Measured Points	V	A	Input Watts	N.m.	RPM	Output Watts	%
No Load	13.31	6.72	89.46	0.05	2095	10.97	12.3%
Rated	12.04	61.9	745.6	3.34	1573	550	73.8%
Efficiency Max.	12.38	48.92	605.6	2.55	1699	454.3	75.0%
Max. Kw Output	11.88	68.45	813	3.74	1511	591.4	72.7%
Max. Torq. Output	11.88	68.45	813	3.74	1511	591.4	72.7%
End	11.88	68.45	813	3.74	1511	591.4	72.7%

Load	Measure	V	A	Input Watts	N.m.	RPM	Output Watts	%
2.0%	1	13.31	6.72	89.46	0.05	2095	10.97	12.3%
2.4%	2	13.31	6.83	90.91	0.06	2091	13.14	14.4%
3.2%	3	13.30	7.106	94.52	0.08	2089	17.50	18.5%
5.2%	4	13.29	7.754	103.0	0.13	2083	28.79	27.9%
8.1%	5	13.26	9.085	120.5	0.21	2068	44.60	37.0%
14.0%	6	13.2	11.32	149.4	0.36	2045	77.08	51.6%
19.4%	7	13.13	14.48	190.2	0.51	2013	106.6	56.1%
28.7%	8	13.04	18.80	245.2	0.76	1971	157.7	64.3%
38.8%	9	12.92	23.97	309.5	1.06	1921	213.2	68.9%
50.3%	10	12.79	29.98	383.4	1.42	1868	276.9	72.2%
61.7%	11	12.64	36.26	458.4	1.79	1812	339.2	74.0%
72.3%	12	12.52	42.43	531.3	2.16	1756	397.9	74.9%
82.6%	13	12.38	48.92	605.6	2.55	1699	454.3	75.0%
91.6%	14	12.22	55.34	676.1	2.94	1636	503.9	74.5%
100.0%	15	12.04	61.90	745.6	3.34	1573	550.0	73.8%
100.2%	16	12.04	62.04	747.1	3.35	1572	551.0	73.8%
107.5%	17	11.88	68.45	813	3.74	1511	591.4	72.7%