

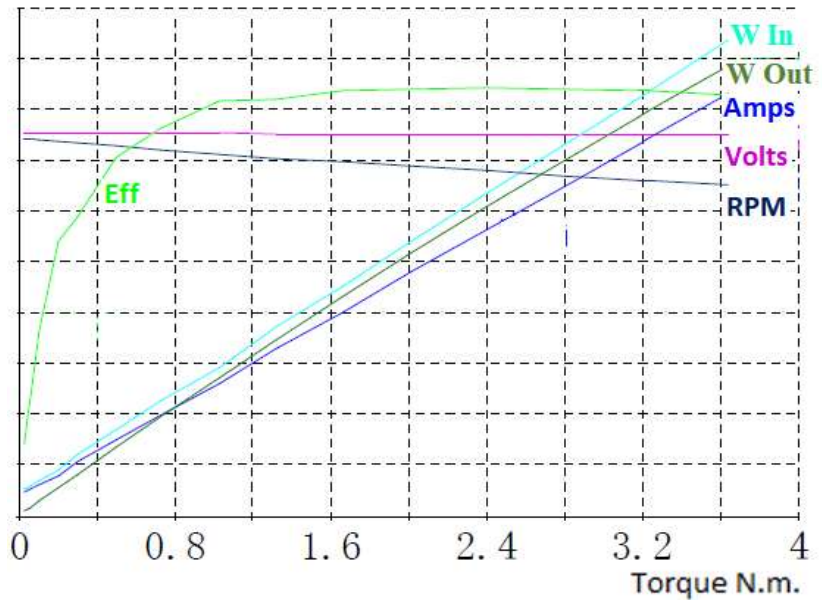
Model: MM7518FC

Description: MaxMotion 0.75HP, 1750RPM, 180VDC, TEFC, 56C

Tester: 01

Test Date: 2019.04.04

V	A	W In	RPM	W out	Eff. %
250	5	800	2500	700	90
225	4.5	720	2250	630	81
200	4	640	2000	560	72
175	3.5	560	1750	490	63
150	3	480	1500	420	54
125	2.5	400	1250	350	45
100	2	320	1000	280	36
75	1.5	240	750	210	27
50	1	160	500	140	18
25	0.5	80	250	70	9
0	0	0	0	0	0



Measured Points	V	A	Input Watts	N.m.	RPM	Output Watts	%
No Load	181	0.288	52.16	0.05	1827	9.564	18.3%
Rated	180.8	3.622	654.8	3.14	1675	550	84.0%
Efficiency Max.	180.8	3.038	549.4	2.61	1702	465.5	84.7%
Max. Kw Output	180.8	4.061	734.2	3.54	1654	613	83.5%
Max. Torq. Output	180.8	4.061	734.2	3.54	1654	613	83.5%
End	180.8	4.061	734.2	3.54	1654	613	83.5%

Load	Measure	V	A	Input Watts	N.m.	RPM	Output Watts	Eff %
1.7%	1	181	0.288	52.16	0.05	1827	9.564	18.3%
2.2%	2	181	0.298	53.99	0.06	1826	11.850	22.0%
2.2%	3	181	0.311	56.29	0.06	1826	12.24	21.7%
4.0%	4	181	0.357	64.68	0.12	1824	22.15	34.3%
7.1%	5	181	0.453	81.98	0.21	1820	39.25	47.9%
12.2%	6	181	0.609	110.2	0.35	1913	67.2	61.0%
19.0%	7	181	0.821	148.6	0.55	1803	104.6	70.4%
27.4%	8	180.9	1.09	197.3	0.80	1791	150.8	76.4%
37.8%	9	180.9	1.419	256.8	1.12	1775	207.8	80.9%
48.7%	10	180.9	1.787	323.3	1.45	1759	267.8	82.8%
60.6%	11	180.9	2.194	396.9	1.83	1740	333.4	84.0%
72.8%	12	180.8	2.624	474.6	2.22	1722	400.6	84.4%
84.6%	13	180.8	3.038	549.4	2.61	1702	465.5	84.7%
97.9%	14	180.8	3.54	640.0	3.06	1679	538.3	84.1%
100.0%	15	180.8	3.622	654.8	3.14	1675	550.0	84.0%
111.5%	16	180.8	4.061	734.2	3.54	1654	613.0	83.5%