

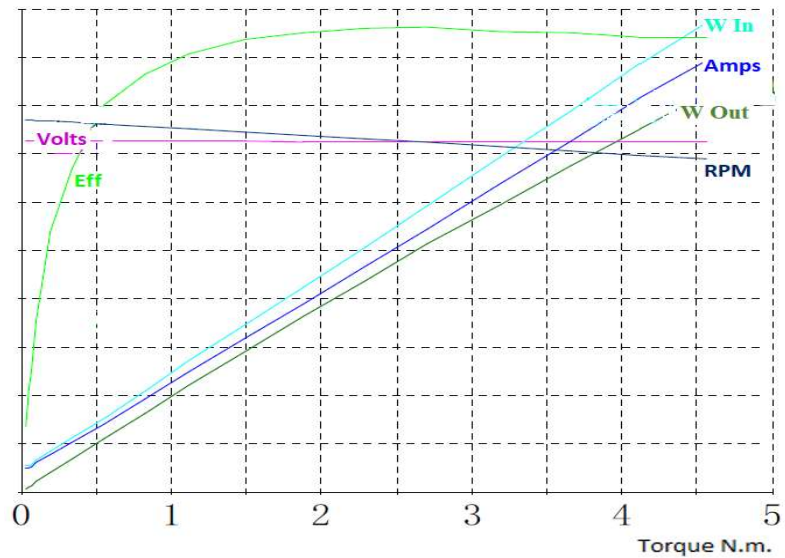
Model: MM1018FC

Description: MaxMotion 1HP, 1750RPM, 180VDC, TEFC, 56C

Tester: 01

Test Date: 2019.04.04

V	A	W In	RPM	W out	Eff.%
250	6	1000	2500	1000	90
225	5.4	900	2250	900	81
200	4.8	800	2000	800	72
175	4.2	700	1750	700	63
150	3.6	600	1500	600	54
125	3	500	1250	500	45
100	2.4	400	1000	400	36
75	1.8	300	750	300	27
50	1.2	200	500	200	18
25	0.6	100	250	100	9
0	0	0	0	0	0



Measured Points	V	A	Input Watts	N.m.	RPM	Output Watts	%
No Load	181.4	0.293	53.15	0.03	1923	6.443	12.1%
Rated	181.1	4.877	885.2	4.11	1739	750	84.7%
Efficiency Max.	181.2	3.269	592.3	2.71	1808	513	86.6%
Max. Kw Output	181.1	5.36	970.8	4.56	1723	822.6	84.7%
Max. Torq. Output	181.1	5.36	970.8	4.56	1723	822.6	84.7%
End	181.1	5.36	970.8	4.56	1723	822.6	84.7%

Load	Measure	V	A	Input Watts	N.m.	RPM	Output Watts	%
0.9%	1	181.4	0.293	53.15	0.03	1923	6.443	12.1%
1.4%	2	181.4	0.304	55.07	0.05	1924	10.48	19.0%
1.8%	3	181.4	0.318	57.67	0.07	1923	13.29	23.0%
2.8%	4	181.4	0.365	66.13	0.1	1922	20.93	31.6%
5.4%	5	181.4	0.46	83.47	0.2	1918	40.56	48.6%
9.0%	6	181.4	0.617	112.0	0.34	1912	67.26	60.1%
14.6%	7	181.4	0.839	152.1	0.55	1902	109.5	72.0%
21.8%	8	181.3	1.159	210.1	0.83	1890	163.5	77.8%
29.5%	9	181.3	1.493	270.7	1.12	1877	220.9	81.6%
38.7%	10	181.3	1.902	344.7	1.49	1860	290.6	84.3%
48.3%	11	181.2	2.337	423.7	1.88	1844	362.6	85.6%
58.1%	12	181.2	2.787	505.1	2.28	1827	435.8	86.3%
68.4%	13	181.2	3.269	592.3	2.71	1808	513.0	86.6%
79.4%	14	181.2	3.833	694.5	3.19	1785	595.8	85.8%
90.0%	15	181.2	4.357	789.4	3.66	1762	675.2	85.5%
100.0%	16	181.1	4.357	885.2	4.11	1739	750.0	84.7%
100.1%	17	181.1	4.887	886.4	4.12	1739	750.9	84.7%
109.7%	18	181.1	5.36	970.8	4.56	1723	822.6	84.7%