

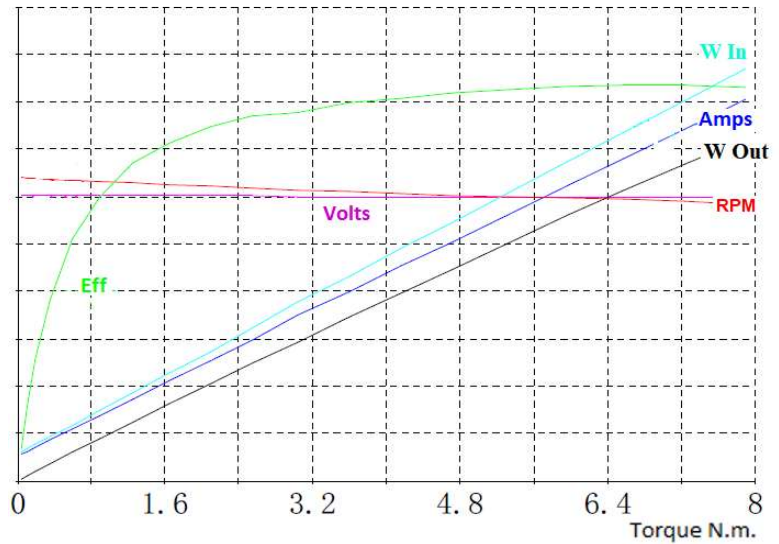
Model: MM1518FC

Description: MaxMotion 1.5HP, 1750RPM, 180VDC, TEFC, 56C/145TC

Tester: 01

Test Date: 2018.11.12

V	A	W In	RPM	W out	Eff.%
300	12	2000	3000	2000	100
270	10.8	1800	2700	1800	90
240	9.6	1600	2400	1600	80
210	8.4	1400	2100	1400	70
180	7.2	1200	1800	1200	60
150	6	1000	1500	1000	50
120	4.8	800	1200	800	40
90	3.6	600	900	600	30
60	2.4	400	600	400	20
30	1.2	200	300	200	10
0	0	0	0	0	0



Measured Points	V	A	Input Watts	N.m.	RPM	Output Watts	%
No Load	180.3	0.683	123.30	0.04	1921	8.44	6.8%
Rated	180	7.492	1349	5.99	1793	11200	83.5%
Efficiency Max.	180	8.162	1469	6.58	1781	1227	83.5%
Max. Kw Output	180	9.662	1739	7.9	1746	1444	83.0%
Max. Torq. Output	180	9.662	1739	7.9	1746	1444	83.0%
End	180	9.662	1739	7.9	1746	1444	83.0%

Load	Measure	V	A	Input Watts	N.m.	RPM	Output Watts	%
0.8%	1	180.3	0.683	123.30	0.04	1921	8.440	6.8%
1.9%	2	180.3	0.743	134.00	0.1	1919	20.89	15.5%
3.5%	3	180.3	0.846	152.60	0.19	1917	38.93	25.5%
6.4%	4	180.3	1.027	185.40	0.35	1911	70.42	37.9%
10.9%	5	180.3	1.305	235.50	0.6	1905	120.4	51.1%
16.2%	6	180.3	1.648	297.30	0.89	1897	178.3	59.9%
22.6%	7	180.2	2.052	370.0	1.25	1889	248.8	67.2%
29.5%	8	180.2	2.529	456.0	1.65	1875	324.7	71.2%
37.1%	9	180.2	3.023	544.9	2.09	1865	408.1	74.8%
45.0%	10	180.2	3.566	642.7	2.55	1854	494.9	77.0%
53.3%	11	180.1	4.185	754.1	3.04	1842	586.6	77.7%
62.7%	12	180.1	4.79	863.1	3.59	1830	689.3	79.8%
72.0%	13	180.1	5.446	981.1	4.16	1819	792.2	80.7%
81.3%	14	180.1	6.068	1093	4.73	1806	894.7	81.8%
91.3%	15	180.0	6.753	1216	5.33	1798	1004	82.5%
102.3%	16	180.0	7.492	1349	5.99	1793	1125	83.3%
102.3%	17	180.0	7.4922	1349	5.99	1973	1125	83.3%
111.5%	18	180.0	8.162	1469	6.58	1781	1227	83.5%
121.7%	19	180.0	8.919	1605	7.24	1767	1339	83.4%
131.3%	20	180.0	9.662	1739	7.9	1746	1444	83.0%