

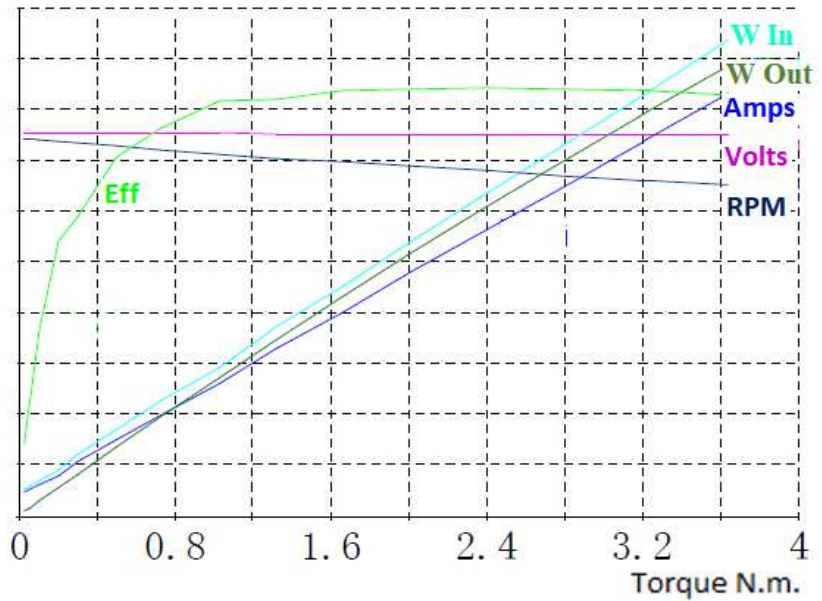
Model: MM7590FC

Description: MaxMotion 0.75HP, 1750RPM, 90VDC, TEFC, 56C

Tester: 01

Test Date: 2018.04.24

V	A	W In	RPM	W out	Eff.%
120	10	800	2500	700	100
108	9	720	2250	630	90
96	8	640	2000	560	80
84	7	560	1750	490	70
72	6	480	1500	420	60
60	5	400	1250	350	50
48	4	320	1000	280	40
36	3	240	750	210	30
24	2	160	500	140	20
12	1	80	250	70	10
0	0	0	0	0	0



Measured Points	V	A	Input Watts	N.m.	RPM	Output Watts	%
No Load	90.45	0.483	43.68	0.03	1856	6.218	14.2%
Rated	90.07	7.312	658.6	3.18	1651	550	83.5%
Efficiency Max.	90.12	5.614	506.0	2.4	1696	425.8	84.2%
Max. Kw Output	90.04	8.313	748.5	3.64	1625	620	82.8%
Max. Torq. Output	90.04	8.313	748.5	3.64	1625	620	82.8%
End	90.04	8.313	748.5	3.64	1625	620	82.8%

Load	Measure	V	A	Input Watts	N.m.	RPM	Output Watts	Eff %
1.1%	1	90.45	0.483	43.68	0.03	1856	6.218	14.2%
1.6%	2	90.45	0.499	45.13	0.04	1856	8.550	18.9%
2.0%	3	90.43	0.527	47.69	0.06	1855	10.88	22.8%
3.7%	4	90.42	0.612	55.34	0.10	1851	20.16	22.8%
6.9%	5	90.38	0.789	71.32	0.20	1844	38.16	36.4%
10.4%	6	90.38	1.08	97.58	0.30	1835	57.25	54.1%
17.3%	7	90.34	1.49	134.6	0.50	1820	94.9	58.7%
25.0%	8	90.31	1.994	180.1	0.73	1801	137.3	70.5%
34.8%	9	90.28	2.599	234.6	1.03	1780	191.2	76.2%
44.2%	10	90.23	3.284	296.3	1.32	1759	243.1	81.5%
54.9%	11	90.2	4.009	361.6	1.66	1739	301.9	82.0%
65.9%	12	90.15	4.788	431.6	2.01	1718	362.3	83.5%
77.4%	13	90.12	5.614	506.0	2.40	1696	425.8	83.9%
89.1%	14	90.1	6.487	584.5	2.80	1672	490.2	84.2%
100.0%	15	90.07	7.312	658.6	3.18	1651	550.0	83.9%
101.3%	16	90.07	7.409	667.3	3.23	1648	557.0	83.5%
112.7%	17	90.04	8.313	748.5	3.64	1625	620.0	82.8%