



DC FAN FUNCTION TEST RECORD FOR CUSTOMIZED LIFE EXPERIMENT

Available for these models with lower speed and same physical structure. All model may be followed by Rxx or Fxx series suffixes. This test report applies to FFB 80x80x25.4mm series as the right table

FFB0848XH-BK71				
FFB0812XHXHC				

Required Test Time (hrs)	Date for Test Beginning	Date for Test Termination	Sample Size (pcs):	Failure (pcs):	Current Total Test Time (hrs)
15,303	2012/3/31 4:00 PM	2014/11/17 10:18 PM	56	0	14360.0

Representative Test P/N : FFB0812XH-BD98	Current Test Status	<input type="checkbox"/> In process	<input type="checkbox"/> In process (exceed requested)	<input checked="" type="checkbox"/> Termination
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Equipment: 1.Oven: E24-F0108 On/Off Cycles: Every 500 hours

Test Data Between Initial Test and Final Test

Sample No.	Initial Test Current Spec. (A) 1.20 Max	Final Test Current Spec. (A) 1.20 Max	Deviation (%)	Initial Test Speed Spec. (RPM) 8100-9900	Final Test Speed Spec. (RPM) 8100-9900	Deviation (%)	Initial Test Noise Spec. (dB A) 59.0 Typ	Final Test Noise Check. (dB A) 59.0 Typ	Deviation (%) 3 dB Max
1	1.03	0.92	-10.3	8995	8932	-0.7	58.3	60.1	1.8
2	1.03	0.98	-5.4	8970	9012	0.5	58.5	60.6	2.1
3	0.92	0.97	5.4	9046	8951	-1.1	58.2	60.7	2.5
4	1.01	0.92	-9.1	8995	9031	0.4	58.6	60.6	2.0
5	0.96	0.93	-3.1	8995	9011	0.2	58.7	60.9	2.2
6	0.99	0.96	-2.7	8996	8978	-0.2	58.4	60.4	2.0
7	0.99	0.87	-11.6	8870	9009	1.6	58.5	60.2	1.7
8	1.01	0.97	-3.9	8895	8996	1.1	58.0	60.6	2.6
9	1.03	0.89	-13.5	8919	8971	0.6	58.4	60.5	2.1
10	1.02	0.95	-7.2	9043	8965	-0.9	58.5	60.8	2.3
11	0.96	0.99	2.9	9077	9037	-0.4	58.2	60.1	1.9
12	0.94	0.93	-1.6	9086	9008	-0.9	58.7	60.3	1.6
13	1.04	0.95	-8.5	8995	8936	-0.7	58.8	60.5	1.7
14	1.03	0.89	-13.4	8895	8962	0.8	58.4	60.7	2.3
15	0.97	0.96	-1.7	8845	9000	1.8	58.1	60.9	2.8
16	0.99	0.92	-6.4	9049	9016	-0.4	58.6	60.2	1.6
17	0.97	0.90	-6.6	9047	8971	-0.8	58.3	60.4	2.1
18	0.95	0.99	4.9	9014	9026	0.1	58.5	60.6	2.1
19	0.93	0.97	3.4	9035	8985	-0.6	58.3	60.8	2.5
20	0.97	0.97	-0.2	9028	8980	-0.5	58.7	60.1	1.4
21	0.95	0.93	-1.5	9070	9005	-0.7	58.2	60.3	2.1
22	0.99	0.95	-3.9	9022	9002	-0.2	58.0	60.5	2.5
23	0.98	1.01	2.8	8995	8959	-0.4	58.6	60.7	2.1
24	1.01	0.92	-8.7	8970	9027	0.6	58.3	60.9	2.6
25	1.02	0.93	-8.2	8995	8959	-0.4	58.7	60.2	1.5
26	0.92	0.93	1.7	8995	8971	-0.3	58.4	60.4	2.0
27	0.99	0.96	-3.3	9046	8962	-0.9	58.6	60.6	2.0
28	1.00	0.91	-8.6	8945	8959	0.2	58.8	60.8	2.0
29	0.97	1.02	4.6	8844	9036	2.2	58.6	60.2	1.6
30	0.98	0.90	-8.7	8995	8968	-0.3	58.4	60.5	2.1
31	1.00	0.97	-3.5	9090	8937	-1.7	58.7	60.3	1.6
32	0.99	0.90	-8.7	8895	8434	-5.2	58.1	60.8	2.7

QE File No.	Time-out for function test or others (hours)	Issued Date	Reported By	Approved By
DG12FNL051	7767.50	2014/10/7	NaNa.Wang	Tim.Yi



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FOR CUSTOMIZED LIFE EXPERIMENT

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Test Data Between Initial Test and Final Test

Sample No.	Initial Test Current Spec. (A) 1.20 Max	Final Test Current Spec. (A) 1.20 Max	Deviation (%)	Initial Test Speed Spec. (RPM) 8100-9900	Final Test Speed Spec. (RPM) 8100-9900	Deviation (%)	Initial Test Noise Spec. (dB A) 59.0 Typ	Final Test Noise Check. (dB A) 59.0 Typ	Deviation (%) 3 dB Max
33	1.02	0.97	-5.0	9020	8995	-0.3	58.2	60.1	1.9
34	1.02	0.97	-5.2	8895	8933	0.4	58.5	60.3	1.8
35	0.98	0.95	-4.0	8895	8985	1.0	58.0	60.5	2.5
36	1.01	0.89	-12.2	9048	9026	-0.2	58.3	60.4	2.1
37	0.98	0.90	-8.3	8895	8984	1.0	58.6	60.7	2.1
38	0.94	0.93	-0.3	8919	8996	0.9	58.8	60.9	2.1
39	0.90	0.89	-1.7	9011	8928	-0.9	58.3	60.2	1.9
40	0.99	0.91	-7.9	9067	9000	-0.7	58.5	60.4	1.9
41	0.97	0.88	-9.8	9047	8911	-1.5	58.0	60.6	2.6
42	0.95	0.90	-5.4	8920	8967	0.5	58.4	60.8	2.4
43	0.98	0.91	-6.5	8794	8910	1.3	58.7	60.1	1.4
44	1.03	0.90	-12.6	8944	8961	0.2	58.3	60.3	2.0
45	0.99	0.95	-4.1	9041	8980	-0.7	58.6	60.5	1.9
46	0.99	0.92	-7.7	8894	9018	1.4	58.1	60.7	2.6
47	0.99	0.89	-9.9	8845	8909	0.7	58.7	60.9	2.2
48	0.95	0.94	-0.9	8945	8992	0.5	58.4	60.2	1.8
49	0.99	0.94	-4.6	8997	8975	-0.2	58.2	60.4	2.2
50	1.02	0.90	-11.8	8895	8954	0.7	58.5	60.6	2.1
51	0.95	0.91	-3.6	8969	9002	0.4	58.1	60.8	2.7
52	0.99	0.88	-11.8	8844	8959	1.3	58.6	60.1	1.5
53	0.95	0.94	-0.6	9071	9074	0.0	58.4	60.3	1.9
54	1.02	0.95	-6.6	9014	8974	-0.4	58.0	60.5	2.5
55	1.00	0.91	-8.5	9136	8990	-1.6	58.3	60.7	2.4
56	0.90	0.89	-1.0	9011	8908	-1.1	58.5	60.9	2.4
X-Bar	0.983	0.932	-	8978.107	8970.125	-	58.413	60.502	-
σ	0.033	0.034	-	76.762	81.210	-	0.231	0.256	-

QE File No.	Time-out for function test or others (hrs)	Issued Date	Reported By	Approved By
DG12FNL051	7767.50	2014/10/7	NaNa.Wang	Tim.Yi