





## DC FAN FUNCTION TEST RECORD FOR 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 PFB 120x120x38.0mm series as the right table

|  |                                |                                  |                            |                       |  |
|--|--------------------------------|----------------------------------|----------------------------|-----------------------|--|
| <b>Required Test Time (hrs)</b>          | <b>Date for Test Beginning</b> | <b>Date for Test Termination</b> | <b>Sample Size (pcs):</b>  | <b>Failure (pcs):</b> | <b>Current Total Test Time (hrs)</b>   |
| 2,238                                    | 2020/5/6 8:10 AM               | 2020/9/3 1:50 AM                 | 29                         | 0                     | <b>6360.0</b>  |
| Representative Test P/N : PFB1224SE-00P0 |                                |                                  | <b>Current Test Status</b> |                       | <input type="checkbox"/> In process <input checked="" type="checkbox"/> In process (exceed requested) <input type="checkbox"/> Termination |

Equipment: 1.Oven: E24-T0161

### Test Data Between Initial Test and Final Test

| Sample No. | Initial Test Current Spec. (A)<br><b>2.30 Max.</b> | Final Test Current Spec. (A)<br><b>2.30 Max.</b> | Deviation (%) | Initial Test Speed Spec. (RPM)<br><b>6750-8250</b> | Final Test Speed Spec. (RPM)<br><b>6750-8250</b> | Deviation (%) | Initial Test Noise Spec. (dB A)<br><b>74.0 Max</b> | Final Test Noise Spec. (dB A)<br><b>74.0 Max</b> | Deviation<br><b>3 dBMax.</b> |
|------------|--|--|---------------|--|--|---------------|--|--|------------------------------|
| 1          | 2.25   | 2.14   | -4.6          | 7732   | 7969   | 3.1           | 70.2   | 69.5   | -0.7                         |
| 2          | 2.17   | 2.14   | -1.7          | 7753   | 7898   | 1.9           | 69.5   | 69.9   | 0.4                          |
| 3          | 2.21   | 2.13   | -3.7          | 7538   | 7804   | 3.5           | 69.1   | 70.3   | 1.2                          |
| 4          | 2.22   | 2.14   | -3.7          | 7772   | 7956   | 2.4           | 69.7   | 70.9   | 1.2                          |
| 5          | 2.14   | 2.13   | -0.6          | 7575   | 7819   | 3.2           | 69.2   | 69.6   | 0.4                          |
| 6          | 2.14   | 2.14   | -0.3          | 7785   | 7878   | 1.2           | 70.1   | 70.1   | 0.0                          |
| 7          | 2.18   | 2.13   | -2.0          | 7686   | 7837   | 2.0           | 69.1   | 69.5   | 0.4                          |
| 8          | 2.19   | 2.13   | -2.7          | 7604   | 7865   | 3.4           | 69.0   | 70.4   | 1.4                          |
| 9          | 2.22   | 2.14   | -3.7          | 7728   | 7872   | 1.9           | 69.3   | 70.2   | 0.9                          |
| 10         | 2.21   | 2.14   | -3.3          | 7615   | 7901   | 3.8           | 68.9   | 70.1   | 1.2                          |
| 11         | 2.30   | 2.14   | -6.7          | 7766   | 7929   | 2.1           | 70.3   | 71.0   | 0.7                          |
| 12         | 2.27   | 2.14   | -5.9          | 7777   | 7918   | 1.8           | 70.0   | 71.3   | 1.3                          |
| 13         | 2.20   | 2.14   | -2.9          | 7620   | 7940   | 4.2           | 69.6   | 70.0   | 0.4                          |
| 14         | 2.13   | 2.13   | 0.0           | 7719   | 7857   | 1.8           | 69.5   | 69.9   | 0.4                          |
| 15         | 2.19   | 2.13   | -2.3          | 7588   | 7867   | 3.7           | 69.1   | 69.6   | 0.5                          |
| 16         | 2.14   | 2.12   | -0.9          | 7699   | 7758   | 0.8           | 69.3   | 69.7   | 0.4                          |
| 17         | 2.10   | 2.13   | 1.9           | 7744   | 7859   | 1.5           | 69.9   | 70.0   | 0.1                          |
| 18         | 2.14   | 2.13   | -0.8          | 7649   | 7812   | 2.1           | 69.7   | 69.6   | -0.1                         |
| 19         | 2.23   | 2.13   | -4.3          | 7827   | 7797   | -0.4          | 69.1   | 69.5   | 0.4                          |
| 20         | 2.22   | 2.13   | -3.8          | 7783   | 7932   | 1.9           | 70.0   | 70.2   | 0.2                          |
| 21         | 2.19   | 2.14   | -2.2          | 7724   | 7915   | 2.5           | 69.6   | 69.9   | 0.3                          |
| 22         | 2.19   | 2.14   | -2.3          | 7855   | 7890   | 0.4           | 69.8   | 70.5   | 0.7                          |
| 23         | 2.26   | 2.14   | -5.5          | 7762   | 7905   | 1.8           | 69.5   | 70.6   | 1.1                          |
| 24         | 2.16   | 2.14   | -0.9          | 7752   | 7984   | 3.0           | 70.1   | 70.3   | 0.2                          |
| 25         | 2.24   | 2.13   | -4.7          | 7803   | 7829   | 0.3           | 69.6   | 69.3   | -0.3                         |
| 26         | 2.26   | 2.14   | -5.4          | 7831   | 8012   | 2.3           | 69.7   | 70.4   | 0.7                          |
| 27         | 2.21   | 2.14   | -3.3          | 7714   | 7917   | 2.6           | 69.9   | 70.0   | 0.1                          |
| 28         | 2.18   | 2.13   | -2.3          | 7764   | 7922   | 2.0           | 70.1   | 69.8   | -0.3                         |
| 29         | 2.12   | 2.12   | 0.0           | 7642   | 7764   | 1.6           | 69.6   | 69.9   | 0.3                          |
| X-Bar      | 2.19   | 2.13   | -             | 7717.48  | 7882.97  | -             | 69.60  | 70.07  | -                            |
| $\sigma$   | 0.05   | 0.01   | -             | 82.41  | 61.31  | -             | 0.38   | 0.47   | -                            |

|                    |   |                    |                    |                    |
|--------------------|---|--------------------|--------------------|--------------------|
| <b>QE File No.</b> | <b>Time-out for function test or others (hours)</b> | <b>Issued Date</b> | <b>Reported By</b> | <b>Approved By</b> |
| DG20FNL026         | 4503.83   | 2021/8/2           | Loly.Wang          | Tim.Yi             |