

SOFASCO INC. MTTF REPORT

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| MODEL NO | A12025V1HB | BEARING | BALL BEARING |
| VOLTAGE | 115V/50Hz | CURRENT | 0.15 A |
| SPEED | 2600 RPM | | |
| TESTED QTY | 150 PCS | TEST HRS/EA | 1000 HRS |
| TOTAL HRS | 150000 HRS | | |
| TEST TEMPERATURE | 75 °C | TEST VOLTAGE | 115V/50Hz |

| FAIL DEFINITION | CHECK POINT AT THE HOURS OF | | | | | | | | | | |
|-----------------------------------|--|-----|--|-----|--|------|--|------|--|------|--|
| 1. FAN NOT RUNNING | <input checked="" type="checkbox"/> 0 HR <input checked="" type="checkbox"/> 1000 HR | | | | | | | | | | |
| 2. SPEED OVER ± 15% OF SPEC. | <input checked="" type="checkbox"/> 72 HR <input type="checkbox"/> 1250 HR | | | | | | | | | | |
| 3. CURRENT OVER OF SPEC. (MAX) | <input checked="" type="checkbox"/> 300 HR <input type="checkbox"/> 1500 HR | | | | | | | | | | |
| 4. NOISE OVER +3dB OF SPEC. (MAX) | <input checked="" type="checkbox"/> 600 HR | | | | | | | | | | |
| FAIL TIME RECORD(HRS) | | | | | | | | | | | |
| 1ST | | 2ND | | 3RD | | 4TH | | 5TH | | 6TH | |
| 7TH | | 8TH | | 9TH | | 10TH | | 11TH | | 12TH | |

| TEST RESULT | | | | | |
|---|--------|--------|--------|--------|-------|
| CONFIDENCE LEVEL= 90% | | | | | |
| ACCELERATION FACTOR= A temp x A volt | | | | | |
| $\{e^{[(\Delta H/K) * [(1/Temp\ 1) - (1/Temp\ 2)]]}\} \times [(V\ h.s./V\ l.s.)^n]$ | | | | | |
| MTTF(HRS) | | | | | |
| | | | | | |
| TEMP(CENTIGRADE) °C | | | | | |
| TEMP | 30 | 40 | 50 | 60 | 75 |
| MTTF | 350263 | 225425 | 151243 | 108735 | 63015 |
| L10 | 36870 | 23735 | 15921 | 11421 | 6633 |

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| APPROVED BY | CHECKED BY | PREPARED BY |
| MICHAEL WANG | IRENE YANG | LUCY KUO |