

# SOFASCO INC.

## MTTF REPORT

MODEL NO	A17051V1HBT	BEARING	BALL BEARING
VOLTAGE	115/60Hz V	CURRENT	110 mA
SPEED	3350 RPM		
TESTED QTY	50 PCS	TEST HRS/EA	1405 HRS
TOTAL HRS	70250 HRS		
TEST TEMPERATURE	70 °C	TEST VOLTAGE	115/60Hz V

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 checked="" 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	70
MTTF	401310	269701	197546	162760	115364
L10	42243	28389	20795	17133	12144

APPROVED BY	CHECKED BY	PREPARED BY
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