

SOFASCO INC. MTTF REPORT

MODEL NO	A12038V1HBT	BEARING	BALL BEARING
VOLTAGE	115V/50Hz	CURRENT	0.25 A
SPEED	2650 RPM		
TESTED QTY	150 PCS	TEST HRS/EA	1000 HRS
TOTAL HRS	150000 HRS		
TEST TEMPERATURE	75 °C	TEST VOLTAGE	115/50Hz 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 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	350793	225429	151610	108735	63115
L10	36895	23745	15924	11421	6637

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