

# SOFASCO INC.

## MTTF REPORT

MODEL NO	A12038V2HBT	BEARING	SLEEVE BEARING
VOLTAGE	230/50Hz V	CURRENT	130 mA
SPEED			2650 RPM
TESTED QTY	50 PCS	TEST HRS/EA	2160 HRS
TOTAL HRS			108000 HRS
TEST TEMPERATURE	70°C	TEST VOLTAGE	230/50Hz V

FAIL DEFINITION	CHECK POINT AT THE HOURS OF										
1. FAN NOT RUNNING	■ 0 HR                      ■ 780 HR										
2. SPEED OVER ± 15% OF SPEC.	■ 168 HR                    ■ 1200 HR										
3. CURRENT OVER OF SPEC. (MAX)	■ 336 HR                    ■ 1500 HR										
4. NOISE OVER +3dB OF SPEC. (MAX)	■ 504 HR                    ■ 2160 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	17876	12386	8780	6353	4685
L10	1881	1303	924	668	493

APPROVED BY	CHECKED BY	PREPARED BY
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