

SPECIFICATION FOR APPROVAL

CUSTOMER :
DESCRIPTION : AC AXIAL FAN
DIMENSIONS : 172×150×39mm
MODEL NO : A17238V1HBT-C
DATE : January 22, 2013

DREWN	CHECKED	APPROVED

A.DATA-SHEET

A-1.SPECIFICATION

NO.	ITEM	SPECIFICATION	UNIT	CONDITION
01	Model No	A17238V1HBT-C	-----	-----
02	Dimension	172×150×39	mm	-----
03	Bearing	2 BALL BEARING	-----	-----
04	Rated Voltage	100-125	VAC	-----
05	Frequency	50/60	Hz	-----
06	Rated Speed	2600//3000	RPM	At rated Voltage
07	Rated Current	0.36	Amp	At rated Voltage
08	Rated Power	30	Watt	At rated Voltage
09	Air Flow	194/220	CFM	At Free Air
10	Static Pressure	17.6	mmH2O	At 0 air flow of rated speed
11	Noise Level	56-60	dB-A	At rated speed
12	Life Expectancy	50,000	Hours	At Room Temp
13	Motor protection	Impedance protected		
14	Motor Design	Reliable Capacitor-Run Induction Motor Construction		
15	Insulation Class	Class B		
16	Operation Temperature	-10~+70	°C	-----
17	Direction of Rotation	From front of fan blade		
18	Weight	655	Gram	Per each piece
19	Safety Certificate	TUV CE UL CCC	-----	-----

A-2.MATERIAL

NO.	ITEM	CONDITION	
01	AWG NO.& Authorize	22AWG UL1007 (Optional)	
02	Connection Lead Type	Lead wire	
		Connector	8*0.5mm/2
03	Line Length		
04	Connector	/	
05	Frame	DIE-CAST ALUMINUM	
06	Impeller	Thermoplastic PBT of UL 94 V0	

B.ELECTRICAL

01	Insulation Resistance	500 M Ω minimum at 500VDC
02	Dielectric Strength	1800VAC for one second
03	Noise Level	Measured in a semi-anechoic chamber with background noise level below 15DbA. The fan is running in free air with the microphone at a distance of one meter from the fan intake.

C.ENVIRONMENTAL

01	Operating Temperature	-10 $^{\circ}$ C ~ +70 $^{\circ}$ C at humidity 65%+/-20% RH.
02	Storage Temperature	All function shall be normal storage at -40 $^{\circ}$ C ~+65 $^{\circ}$ C with a 24 hours recovery period at room temperature.
03	Humidity	After 96 hours,95% RH,40+/-2 $^{\circ}$ C PER MIL-STD-202F, method 103B humidity test, the measured data on insulation resistance and dielectric strength shall meet the specification.

NOISE LEVEL MEASUREMENT



D.DIMENSIONS

UNITS: mm

