FICHA TÉCNICA
VENTILADOR AXIAL - 230 AC.

GAMA Accesorios

VENTILADOR AXIAL 230 AC



Descripción

• Ventilador axial de fricción voltaje 230 AC.

.

Aplicaciones

Electrónica, redes, comunicaciones, etc

Características Técnicas:

▪ **Capacidad:**	89±10% M3/hora - 26±10% 50 a 3000 ±10% RPM
▪ **Montaje:**	En bandeja con taladros de 105x105mm. de ejes.
▪ **Altura:**	38 mm.
▪ **Ancho:**	120 mm.
▪ **Fondo:**	120 mm.

Referencias

Ref.	Descripción	Nº Unidades (1 U= 44,45 mm.)	Color	Dimensiones Nominales en mm.		
				Alto	Ancho	Profundidad
CIT/VT-01	Ventilador axial	-	Negro	38	120	120

Normativa

- IEC 60297-2 y 3
- ANSI/EIA-310-D
- Norma RoHS
- CE

Ficha Técnica
Código Nº: CIT/VT-01
Fecha: 01/02/2023

CE
ROHS

PERFORMANCE SPECIFICA TION

PRODUCT TITLE: AC AXIAL FAN

MODEL NO: AC 12038 230V

1、SCOPE:

THIS SPECIFICATION DEFINES THE ELECTRICAL AND MECHANICAL CHARACTERISTICS OF THE AC AXIAL FLOW FAN·THE FAN MOTOR IS SHADED POLE MOTOR WITH INTERNAL ROTOR·

2、ELECTRICAL CHARACTERISTICS:

ALL MEASUREMENTS PERFORMED AT 20~30℃ ROOM TEMPERATURE &50~70%R.H.UNLESS OTHERWISE SPECIFIED.

ITEM	DESCRIPTION	UNIT	SYMBOL	SPEC.		CONDITION
				50Hz	60Hz	
1	RATED VOLTAGE	VOLTS	V	230 AC		
2	OPERATION VOLTAGE	VOLTS	V	220～240 AC		
3	INPUT CURRENT	AMP	A	0.135 MAX	0.110 MAX	AT RATED VOLTAGE
4	INPUT POWER	WATTS	W	22 MAX	19 MAX	AT RATED VOLTAGE
5	ROTATION SPEED	RPM	RPM	2650±10%	3000 ±10%	AT RATED VOLTAGE FREE AIR
6	ACOUSTICAL NOISE (AVG)	dB(A)	dB(A)	46±10%	48 ±10%	DETAILS SEE ATTACHED PAGE.
7	MAX. AIR-FLOW	CFM	Q	89±10%	100 ±10%	TWO-CHAMBER METHODS DETAILS SEE ATTACHED PAGE.
8	MAX. AIR-PRESSURE	mmH_2O	P	6.0±10%	7.6 ±10%	TWO-CHAMBER METHODS DETAILS SEE ATTACHED PAGE.
9	INSULATION RESISTANCE	MEG. OHM	MΩ	100MΩ MIN. AT 500V DC		BETWEEN FRAME AND LEAD WIRE.
10	DIELECTRIC STRENGTH			WITHSTANDING AT 1400V AC 60Hz. FOR 1 MINUTE		BETWEEN FRAME AND LEAD WIRE.

11	LIFE EXPECT ANCY		SLEEVE 20.000 HOURS		A

A LIFE IS DEFINED AS THE TIME MOTOR SPEED DECREASED MORE THAN 30% COMPARED WITH INITIAL VALUE·

12	ROTATION	CW VIEW FROM NAME PLATE SIDE	
13	AIR-FLOW DIRECTION	AIR INTAKE OVER THE STRUTS	
14	INSULATION CLASS	CLASS B	
15	SAFETY APPROVALS	TUV, CE, CSA, UL	

3、MECHANICAL

3-1. DIMENSIONS---------- SEE SECTION 8

3-2. FRAME ---------- MET AL CONSTRUCTION WITH ALUMINUM DIE-CASTING.

3-3. IMPELLER---------- PLASTIC PBT MATERIAL REINFORCED WITH FIBREGLASS.

3-4. COATING ---------- CED (CATHONIC ELECTRODEPOSITION COATING WITH EPOXY) COATING ON METAL SURFACE BE CAPABLE OF IMPACT RESISTANT AND ABRASION RESISTANT.

3-5. BEARING SYSTEM -------- BALL or SLEEVE BEARING

3-6. WEIGHT ---------- 500 GRAMS

3-7. LEAD WIRE---------- 1007 AWG # 22

3-8. TYPE OF OUTPUT : LEADWIRE OR TERMINAL FASTONS

3-9. PLASTIC PARTS---------- UNFLAMABLE MATERIAL , MEET UL 94V-0 RATING.

4、ENVIRONMENTAL:

4-1. OPERATING TEMPERATURE---------- -10 T O +70 ℃

4-2. STORAGE TEMPERATURE ---------- -30 T O +75 ℃

4-3. OPERATING HUMIDITY ---------- RH 20% ～ 85%

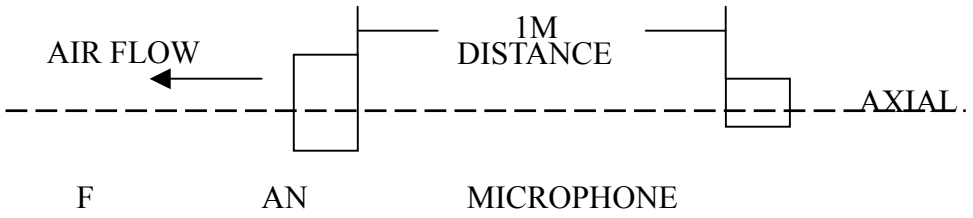
5、PROTECTION:

5-1. IMPEDANCE PROTECTION

IMPEDANCE OF MOTOR COIL WINDING PROTECTS MOTOR FROM FLAMING IN THE CONDITION OF 72 Hrs LOCKED ROTOR AT RATED VOLTAGE.

6、ACOUSTICAL NOISE:

6-1. MEASUREMENT SET-UP



6-2. MEASUREMENT PERFORMED IN ANECHOIC TEST CHAMBER UNDER FREE AIR CONDITION.

6-3. CHAMBER BACKGROUND NOISE 17dB MAX.

6-4. READING TAKEN FROM SPECTRUN ANALYZER.

6-5. NOISE DISTRIBUTION CURVE SEE ATTACHED PAGE.

7、STATICS PRESSURE VS AIR FLOW CURVE:

MEASURED PER TWO CHAMBER METHOD.