

12P-230HB Bi-Sonic 230V AC Axial Fan

SKU: 12P-230HB

Price: \$12.34

Categories: Fans

Tags: Bi-Sonic

Product Link:

<https://www.electspares.com/product/12p-230hb-bi-sonic-230v-ac-axial-fan/>

Product Description

The Bi-Sonic 12P-230HB is a 230VAC AC axial fan with dimensions of 120x120x25mm. It is designed for operation at two frequencies, 50Hz and 60Hz, with performance specifications varying accordingly. At 50Hz, it draws 0.095A of current, consumes 18W of power, provides 96.4m³/h (56.72CFM) of airflow, achieves 24.9Pa (0.10inchH₂O) of static pressure, and operates at 2000RPM with a noise level of 39dB(A). When running at 60Hz, it draws 0.085A of current, consumes 16W of power, delivers 111.4m³/h (65.57CFM) of airflow, achieves 22.4Pa (0.09inchH₂O) of static pressure, and runs at 2400RPM with a noise level of 42dB(A). This fan utilizes durable ball bearings, features a die-cast aluminum housing with a plastic impeller, and is terminated with two wire leads. It is suitable for ambient temperatures from -10 to 70°C and has an expected life of 60,000hours at 40°C. It is ideal for cooling and ventilation in industrial equipment, electronic enclosures, and various systems requiring 230V AC power.

12P-230HB Fan Parameters

Manufacturer: Bi-Sonic

Model: 12P-230HB

Fan Type: AC Axial Fan

Dimensions: 120 x 120 x 25 mm

Rated Voltage: 230 VAC

Operating Frequency: 50 Hz / 60 Hz

Performance at 50 Hz:

Current Rating: 0.095 A

Power Consumption: 18 W

Airflow: 96.4 m³/h (56.72 CFM)

Static Pressure: 24.9 Pa (0.10 inch H₂O)

Speed: 2000 RPM

Noise Level: 39 dB(A)

Performance at 60 Hz:

Current Rating: 0.085 A

Power Consumption: 16 W

Airflow: 111.4 m³/h (65.57 CFM)

Static Pressure: 22.4 Pa (0.09 inch H₂O)

Speed: 2400 RPM

Noise Level: 42 dB(A)

Bearing Type: Ball Bearing

Termination: Two Wire Leads

Housing Material: Die-cast Aluminum Housing

Impeller Material: Plastic (UL94V-0)

Operating Temperature: -10 ~ 70°C

Lifetime @ Temp: 60,000 Hours (at 40°C)

Weight: 0.33 kg

Approval Agency: CE, UL, TUV

Application: This Bi-Sonic AC axial fan is suitable for cooling and ventilation in industrial equipment, electronic enclosures, and various systems requiring 230V AC power.

Product Images









Scan for product details:

