

6C-230HBC Bi-Sonic 230V AC Axial Fan

SKU: 6C-230HBC

Price: \$34.76

Categories: Fans

Tags: Bi-Sonic

Product Link:

<https://www.electspares.com/product/6c-230hbc-bi-sonic-230v-ac-axial-fan/>

Product Description

The Bi-Sonic 6C-230HBC is a 230VAC AC axial fan with dimensions of 172x150x51mm. It is designed for operation at two frequencies, 50Hz and 60Hz, with performance specifications varying accordingly. At 50Hz, it draws 0.14A of current, consumes 30W of power, provides 307.5m³/h (181CFM) of airflow, achieves 136.4Pa (13.9mmH₂O) of static pressure, and operates at 2850RPM with a noise level of 55.5dB(A). When running at 60Hz, it draws 0.16A of current, consumes 30W of power, delivers 356.8m³/h (210CFM) of airflow, achieves 161.8Pa (16.5mmH₂O) of static pressure, and runs at 3400RPM with a noise level of 60.3dB(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 -29 to 60°C and has an expected life of 60,000hours at 40°C.

6C-230HBC Fan Parameters

Manufacturer: Bi-Sonic

Model: 6C-230HBC

Fan Type: AC Axial Fan

Dimensions: 172 x 150 x 51 mm

Rated Voltage: 230 VAC

Operating Frequency: 50 Hz / 60 Hz

Performance at 50 Hz:

Current Rating: 0.14 A

Power Consumption: 30 W

Airflow: 307.5 m³/h (181 CFM)

Static Pressure: 136.4 Pa (13.9 mmH₂O)

Speed: 2850 RPM

Noise Level: 55.5 dB(A)

Performance at 60 Hz:

Current Rating: 0.16 A

Power Consumption: 30 W

Airflow: 356.8 m³/h (210 CFM)

Static Pressure: 161.8 Pa (16.5 mmH₂O)

Speed: 3400 RPM

Noise Level: 60.3 dB(A)

Bearing Type: Ball Bearing

Termination: Two Wire Leads

Housing Material: Die-cast Aluminum Housing

Impeller Material: Plastic (UL94V-0)

Operating Temperature: -29 ~ 60°C

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

Weight: 0.945 kg

Approval Agency: CE, UL, cUL

Application: This Bi-Sonic AC axial fan is suitable for various cooling and ventilation applications in industrial equipment, electronic enclosures, and other systems requiring efficient air movement under AC power.

Product Images









Scan for product details:

