

A2123-HBL GN SUNON 220-240V AC axial fan

SKU: A2123-HBL GN

Price: \$13.91

Categories: Fans

Tags: SUNON

Product Link:

<https://www.electspares.com/product/a2123-hbl-gn-sunon-220-240v-ac-axial-fan/>

Product Description

The SUNON A2123-HBL GN is a robust AC axial fan measuring 120x120x38mm. It operates on 220-240 VAC at 50/60 Hz. This fan features a reliable ball bearing system for long-term performance and connects via 2 wire leads or terminals. The frame is made of die-cast aluminum, and the impeller is thermoplastic (PBT). It incorporates an alveolate motor with impedance protection and thermal protection, including an automatic reset function.

For 50 Hz operation, it typically draws 0.14 A with a power consumption of 23 W, achieving a speed of 2750 RPM, an airflow of 190.5 m³/h (equivalent to 112 CFM or 117 CFM in some listings), and a noise level of 47 dB(A).

For 60 Hz operation, it typically draws 0.12 A with a power consumption of 20 W, achieving a speed of 3100 RPM, an airflow of 182 m³/h (equivalent to 107 CFM or 117 CFM in some listings), and a noise level of 50 dB(A).

It is commonly used in various industrial equipment, server racks, power supplies, and HVAC systems where efficient and durable cooling is required.

A2123-HBL GN Fan Parameters

Model: A2123-HBL GN

Manufacturer: SUNON

Type: AC Axial Fan

Dimensions: 120x120x38 mm

Rated Voltage: 220-240 VAC

Operating Voltage Range: 150-250 VAC

Frequency: 50/60 Hz

Rated Current: 0.14 A (at 50 Hz) / 0.12 A (at 60 Hz)

Power Consumption: 23 W (at 50 Hz) / 20 W (at 60 Hz)

Speed: 2750 RPM (at 50 Hz) / 3100 RPM (at 60 Hz)

Speed Tolerance: $\pm 10\%$

Airflow: 190.5 m³/h (at 50 Hz) / 182 m³/h (at 60 Hz) (equivalent to 112 CFM / 107 CFM, with some sources listing 117 CFM for 60Hz)

Static Pressure: 7.62 mmH₂O (0.30 inH₂O) (at 50 Hz) / 9.71 mmH₂O (0.39 inH₂O) (at 60 Hz)

Noise Level: 47 dB(A) (at 50 Hz) / 50 dB(A) (at 60 Hz)

Bearing Type: Ball Bearing

Termination: 2 Wire Leads / Terminals

Frame Material: Die-cast Aluminum

Impeller Material: Thermoplastic (PBT)

Flammability Rating: UL94V-0

Insulation Resistance: 500 M Ω minimum (at 500 VDC)

Dielectric Strength: 1800 VAC for 1 second

Motor Protection: Impedance Protected, Thermal Protected (Alveolate Motor), Auto Restart

Operating Temperature: -10 to 70°C

Storage Temperature: -40 to 70°C

Expected Life: 50,000 hours (at 25°C)

Weight: 0.525 kg (525 g)

Application: Industrial equipment, server racks, power supplies, HVAC systems.

Product Images









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