

A2175-HBL T.GN SUNON 220-240V AC axial fan

SKU: A2175-HBL T.GN

Price: \$21.98

Categories: Fans

Tags: SUNON

Product Link:

<https://www.electspares.com/product/a2175-hbl-t-gn-sunon-220-240v-ac-axial-fan/>

Product Description

The SUNON A2175-HBL T.GN is a robust AC axial fan measuring 171.5x151.5x51mm. 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. The frame is made of die-cast aluminum, and the impeller is thermoplastic (PBT) with a UL94V-0 flammability rating. It incorporates an alveolate motor with thermal protection. For 50 Hz operation, it typically draws 0.28 A with a power consumption of 39 W, achieving a speed of 2650 RPM, an airflow of 305.8 m³/h (approximately 180 CFM), and a noise level of 52 dB(A). For 60 Hz operation, it typically draws 0.24 A with a power consumption of 36 W, achieving a speed of 2950 RPM, an airflow of 339.8 m³/h (approximately 200 CFM), and a noise level of 55 dB(A). This fan is commonly used in various industrial equipment, server racks, power supplies, and HVAC systems where efficient and durable cooling is required.

A2175-HBL T.GN Fan Parameters

Model: A2175-HBL T.GN

Manufacturer: SUNON

Type: AC Axial Fan

Dimensions: 171.5x151.5x51 mm

Rated Voltage: 220-240 VAC

Operating Voltage Range: 150 to 250 VAC

Frequency: 50/60 Hz

Rated Current: 0.28 A (at 50 Hz) / 0.24 A (at 60 Hz)

Power Consumption: 39 W (at 50 Hz) / 36 W (at 60 Hz)

Speed: 2650 RPM (at 50 Hz) / 2950 RPM (at 60 Hz)

Speed Tolerance: ±10% (on rated speed)

Airflow: 305.8 m³/h (180 CFM) (at 50 Hz) / 339.8 m³/h (200 CFM) (at 60 Hz)
Static Pressure: 0.48 inH₂O (at 50 Hz) / 0.38 inH₂O (at 60 Hz)
Noise Level: 52 dB(A) (at 50 Hz) / 55 dB(A) (at 60 Hz)
Bearing Type: Ball Bearing
Termination: 2 Wire Leads (typically 0.28m length, 18AWG)
Frame Material: Die-cast Aluminum
Impeller Material: Thermoplastic (PBT)
Flammability Rating: UL94V-0
Insulation Resistance: 500 MΩ minimum (at 500 VDC)
Dielectric Strength: 1800 VAC for 1 second
Motor Protection: Thermal Protected (Alveolate Motor)
Operating Temperature: -10 to 70°C
Storage Temperature: -40 to 70°C
Expected Life: 50,000 hours (at 25°C)
Weight: 960 g (or 0.96 kg)
Application: Industrial equipment, server racks, power supplies, HVAC systems.

Product Images









Scan for product details:

