

AB0305HB-GA0 ADDA 5VDC 30x30x10mm Centrifugal Blower Datasheet



Brand: ADDA

SKU: [1007965779324](#)

Category: Axial & Centrifugal Fans

Price: **\$8.99**

E-mail: sales@equipspares.com

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Product Page:

<https://www.equipspares.com/product/ab0305hb-ga0-adda-5vdc-30x30x10mm-centrifugal-blower>

Product Description

The ADDA AB0305HB-GA0 is a compact DC Centrifugal Blower engineered for precision thermal management in space-constrained electronic assemblies. Utilizing advanced motor technology and a durable ball bearing architecture, this unit delivers consistent airflow with optimized static pressure capabilities. The aerodynamic design of the impeller minimizes turbulence while maintaining structural rigidity under high-speed operation. Designed for 5VDC systems, it offers a low thermal impedance profile, ensuring efficient heat dissipation for sensitive components. The robust housing meets industrial flammability standards, making it a reliable choice for continuous operation in demanding environments.

Model Number: AB0305HB-GA0

Brand: ADDA

Product Type: DC Centrifugal Blower

Rated Voltage: 5 VDC

Voltage Range: 4.5 - 5.5 VDC

Rated Current: 0.15 A

Power Consumption: 0.75 W

Rated Speed: 9500 RPM

Bearing Type: Ball Bearing

Max. Air Flow: 1.2 CFM (2.04 m³/h)

Max. Static Pressure: 0.25 inH₂O (6.35 mmH₂O)

Dimensions: 30 x 30 x 10 mm

Weight: 8.0 g

Life Expectancy: 50,000 Hours at 40°C

Noise Level: 30.0 dB(A)

Housing Material: PBT (UL94V-0)

Impeller Material: PBT (UL94V-0)

Termination: 2-Wire Lead

Operating Temperature: -10°C to +70°C

Storage Temperature: -40°C to +70°C

Ingress Protection: IP40

Safety Certifications: CE, UL, TUV

Designed for high-density electronics, the AB0305HB-GA0 excels in cooling micro-processors and chipset components within portable computing devices. Its compact form factor allows for integration into handheld instrumentation, miniature projectors, and optical equipment where traditional axial fans cannot generate sufficient pressure. The AB0305HB-GA0 is also frequently utilized in specialized medical monitoring devices and compact telecommunications gear, providing critical airflow to prevent thermal throttling in tightly packed enclosures.

Supplemental Images

