

AD0712HB-A7BGL ADDA 12VDC 0.25A 70x70x25mm Axial Fan Datasheet



Brand: ADDA

SKU: [1047092835121](#)

Category: Axial & Centrifugal Fans

Price: **\$17.71**

E-mail: sales@equipspares.com

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Product Page:

<https://www.equipspares.com/product/ad0712hb-a7bgl-adda-12vdc-0-25a-70x70x25mm-axial-fan>

Product Description

ADDA AD0712HB-A7BGL is a 70 x 70 x 25 mm axial cooling fan operating at a nominal 12 VDC and 3.0 W, delivering a primary airflow capacity of 35.5 CFM. The structural architecture features a UL 94V-0 rated plastic frame and impeller, housing a high-durability dual ball bearing mechanism designed for extended operational lifespans. Performance metrics include a rotational speed of 4200 RPM, generating 5.77 mmAq of static pressure with an acoustic profile of 35.7 dBA. The electrical interface utilizes a 4-wire PWM intelligent speed control configuration via UL1007 AWG24 leads, enabling precise thermal regulation across an operating temperature range of -10 °C to 70 °C.

AD0712HB-A7BGL Specifications

Model Number: AD0712HB-A7BGL

Brand: ADDA

Product Category: Axial Cooling Fan

Physical Dimensions: 70 x 70 x 25 mm

Nominal Voltage: 12 VDC

Rated Current: 0.25 A

Power Consumption: 3.0 W

Rotational Speed: 4200 RPM

Maximum Airflow: 35.5 CFM

Maximum Airflow (CMM): 1.00 CMM

Static Pressure: 5.77 mmAq

Static Pressure (InAq): 0.231 InAq

Acoustic Noise Level: 35.7 dBA

Bearing Type: Dual Ball Bearing

Interface / Termination: 4-Wire PWM (Intelligent Speed Control)

Lead Wire Type: UL1007 AWG24

Frame Material: Plastic (UL 94V-0)

Impeller Material: Plastic (UL 94V-0)

Operating Temperature Range: -10 °C to 70 °C

Weight: 61 g

AD0712HB-A7BGL Applications

Primary applications include integration into industrial power supply units, automated CNC control cabinets, and telecommunications base station enclosures. Deployed within high-density server chassis and variable frequency drive (VFD) thermal management systems requiring precise PWM-controlled active cooling.

Supplemental Images

