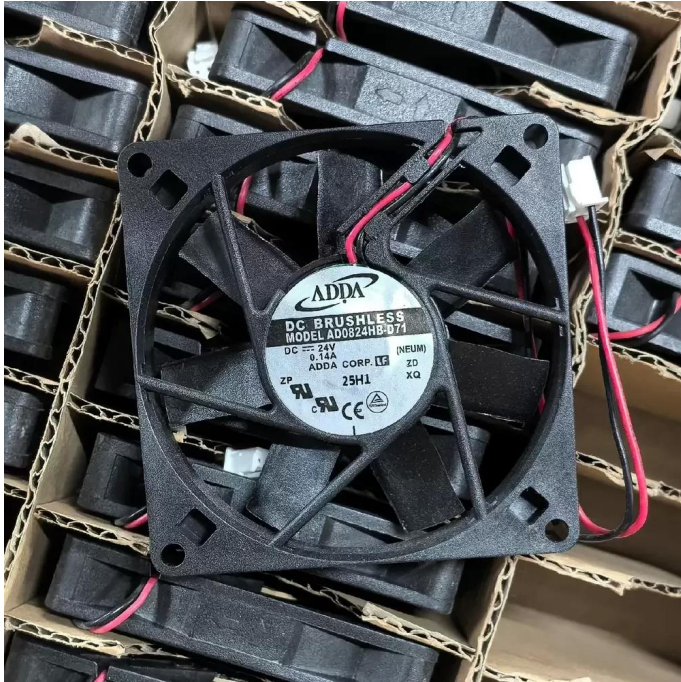


AD0824HB-D71 ADDA 24VDC 80x80x15mm Low Noise Axial Fan Datasheet



Brand: ADDA

SKU: [868045183013](#)

Category: Axial & Centrifugal Fans

Price: **\$14.99**

E-mail: sales@equipspares.com

Web: <https://www.equipspares.com>

Product Page:

<https://www.equipspares.com/product/ad0824hb-d71-adda-24vdc-80x80x15mm-low-noise-axial-fan>

Product Description

The ADDA AD0824HB-D71 is a precision-engineered DC axial fan designed for applications requiring a compact thermal management solution within a slim 15mm profile. Utilizing advanced brushless DC motor technology paired with a durable ball bearing system, this unit ensures reduced friction coefficients and extended operational longevity under continuous load. The aerodynamic impeller geometry is constructed from reinforced PBT, optimizing airflow delivery while maintaining structural rigidity against backpressure. This model effectively mitigates thermal impedance in high-density electronic enclosures, offering a reliable balance between acoustic performance and volumetric efficiency.

Model Number: AD0824HB-D71

Brand: ADDA Corporation

Product Type: DC Axial Fan

Rated Voltage: 24 VDC

Voltage Range: 21.6 - 26.4 VDC

Rated Current: 0.14 A

Input Power: 3.36 W

Rated Speed: 3200 RPM

Bearing Type: Ball Bearing

Max. Air Flow: 32.0 CFM (54.37 m³/h / 0.91 m³/min)

Max. Static Pressure: 3.15 mmH₂O (30.89 Pa / 0.12 inH₂O)

Noise Level: 34.0 dB(A)

Dimensions: 80 x 80 x 15 mm

Weight: 62 g

Life Expectancy: 70,000 Hours at 40°C

Frame Material: PBT Thermoplastic (UL94V-0)

Impeller Material: PBT Thermoplastic (UL94V-0)

Ingress Protection: IP20

Insulation Resistance: >10M Ohm at 500VDC

Dielectric Strength: 500VAC for 1 Minute

Operating Temperature: -10°C to +70°C

Storage Temperature: -40°C to +70°C

Termination: 2-Wire Lead (Red +, Black -)

Wire Gauge: 24 AWG

Wire Length: 300 mm

Speed Control: None (Constant Speed)

Motor Protection: Impedance Protected, Reverse Polarity Protection

Safety Certifications: UL, cUL, TUV, CE, RoHS

The AD0824HB-D71 is frequently integrated into compact industrial power supplies, telecommunications equipment, and low-profile server chassis where vertical space is restricted. Its slim form factor allows for seamless installation in tight clearance areas within network switches and medical instrumentation cooling systems. Engineers rely on the AD0824HB-D71 to maintain optimal operating temperatures in 24-hour continuous duty cycles, ensuring critical component stability in automation control panels and embedded computing units.

Supplemental Images

