AD0812HB-D70 ADDA 12VDC 80x80x15mm Thin Axial Fan Datasheet

Brand: ADDA

SKU: 721505711850

Category: Axial & Centrifugal Fans

Price: **$11.99**

E-mail: sales@equipspares.com

Web: https://www.equipspares.com

Product Page:
https://www.equipspares.com/product/ad0812hb-d70-adda-12vdc-80x80x15mm-thin-axial-fan

Product Description

The ADDA AD0812HB-D70 is a precision-engineered DC Axial Fan designed for applications requiring a compact thermal solution within a slim 15mm profile. Utilizing advanced Brushless DC (BLDC) motor technology combined with a durable Ball Bearing system, this unit ensures reduced friction and extended operational longevity compared to sleeve bearing alternatives. The aerodynamic impeller design optimizes airflow while maintaining structural rigidity, effectively managing thermal impedance in space-constrained enclosures. Its robust construction meets rigorous industrial standards, delivering consistent cooling performance for sensitive electronic components under continuous operation.

Model Number: AD0812HB-D70
Brand: ADDA
Product Type: DC Axial Fan
Rated Voltage: 12 VDC
Voltage Range: 10.2 - 13.8 VDC
Rated Current: 0.18 A
Power Consumption: 2.16 W
Rated Speed: 2900 RPM
Bearing Type: Ball Bearing
Max. Air Flow: 32.0 CFM (54.4 m^3/h / 0.91 m^3/min)

Max. Static Pressure: 2.80 mmH_2O (27.4 Pa / 0.11 inH_2O)
Dimensions: 80 x 80 x 15 mm
Weight: 62 g
Life Expectancy: 70,000 Hours at 40°C
Noise Level: 34.4 dB(A)
Housing Material: PBT Plastic (UL94V-0)
Impeller Material: PBT Plastic (UL94V-0)
Termination: 2 Lead Wires (Red/Black)
Operating Temperature: -10°C to +70°C
Storage Temperature: -40°C to +70°C
Ingress Protection: IP20
Safety Certifications: UL, CUL, TUV, CE

Designed for restricted spaces, the AD0812HB-D70 is frequently integrated into 1U server racks, compact power supply units, and telecommunications chassis where vertical clearance is limited. The AD0812HB-D70 provides critical airflow to dissipate heat from high-density PCBs and drive arrays, ensuring system stability in industrial automation equipment, network appliances, and medical instrumentation.

Supplemental Images


ADDA
DC BRUSHLESS
MODEL AD0812HB-D70
DC 12V
0.18A
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ADDA CORP.
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