

AD0612HB-D90 ADDA 12VDC 60x60x15mm Brushless Axial Fan Datasheet



Brand: ADDA

SKU: [989308261223](#)

Category: Axial & Centrifugal Fans

Price: **\$9.99**

E-mail: sales@equipspares.com

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

Product Page:

<https://www.equipspares.com/product/ad0612hb-d90-adda-12vdc-60x60x15mm-brushless-axial-fan>

Product Description

The ADDA AD0612HB-D90 is a high-efficiency DC Axial Fan engineered for precision thermal management in compact industrial environments. Utilizing advanced brushless DC motor technology combined with a robust Dual Ball Bearing architecture, this unit ensures minimized frictional resistance and extended operational longevity under continuous loads. The 60x60x15mm frame is constructed from reinforced thermoplastic to maintain structural rigidity, optimizing airflow dynamics to significantly reduce thermal impedance within dense electronic enclosures. Its aerodynamic impeller design balances static pressure and volume flow, making it a reliable solution for critical cooling applications requiring stable performance.

Model Number: AD0612HB-D90

Brand: ADDA

Product Type: DC Axial Fan

Rated Voltage: 12 VDC

Voltage Range: 10.8 - 13.2 VDC

Rated Current: 0.27 A

Power Consumption: 3.24 W

Rated Speed: 5200 RPM

Bearing Type: Dual Ball Bearing

Max. Air Flow: 22.5 CFM (38.2 m³/h / 0.63 m³/min)

Max. Static Pressure: 4.8 mmH₂O (47.0 Pa / 0.19 inH₂O)

Dimensions: 60 x 60 x 15 mm

Weight: 42 g

Life Expectancy: 70,000 Hours at 40°C

Noise Level: 36.5 dB(A)

Housing Material: PBT Plastic (UL94V-0)

Impeller Material: PBT Plastic (UL94V-0)

Termination: 2-Wire Lead

Wire Gauge: 24 AWG

Operating Temperature: -10°C to +70°C

Storage Temperature: -40°C to +70°C

Ingress Protection: IP20

Safety Certifications: UL, CUL, TUV, CE

The AD0612HB-D90 is specifically designed for integration into space-constrained electronic assemblies where heat dissipation is critical. Common deployment scenarios include 1U server power supplies, network switches, and industrial automation control panels. The AD0612HB-D90 provides consistent cooling for telecommunications equipment and medical instrumentation, ensuring component stability by effectively evacuating waste heat from dense circuit board configurations.

Supplemental Images

