

AFB0624SH-A Delta 24VDC 60x60x25mm Ball Bearing Axial Fan Datasheet



Brand: Delta

SKU: [994455496262](#)

Category: Axial & Centrifugal Fans

Price: **\$14.99**

E-mail: sales@equipspares.com

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

Product Page:

<https://www.equipspares.com/product/afb0624sh-a-delta-24vdc-60x60x25mm-ball-bearing-axial-fan>

Product Description

The Delta AFB0624SH-A is a precision-engineered DC Axial Fan designed for critical thermal management in industrial electronics. Utilizing advanced dual ball bearing architecture, this unit ensures minimal frictional resistance and extended operational longevity under continuous load. The aerodynamic impeller design optimizes static pressure capabilities while maintaining efficient airflow throughput, effectively mitigating thermal impedance within high-density enclosures. Constructed with structural rigidity in mind, the housing resists vibration-induced stress, making it suitable for demanding environments requiring reliable heat dissipation and stable performance characteristics.

Model Number: AFB0624SH-A

Brand: Delta Electronics

Product Type: DC Axial Fan

Rated Voltage: 24VDC

Voltage Range: 14.0 - 27.6 VDC

Rated Current: 0.21 A

Input Power: 5.04 W

Rated Speed: 6000 RPM

Bearing Type: Dual Ball Bearing

Max. Air Flow: 34.25 CFM (58.19 m³/h / 0.97 m³/min)

Max. Static Pressure: 10.77 mmH₂O (105.6 Pa / 0.424 inH₂O)

Dimensions: 60x60x25 mm

Weight: 80 g

Noise Level: 41.5 dB-A

Frame Material: Plastic (UL 94V-0)

Impeller Material: Plastic (UL 94V-0)

Operating Temperature: -10°C to +70°C

Storage Temperature: -40°C to +75°C

Life Expectancy: 70,000 Hours at 40°C

Termination: 2 Wire Leads

Ingress Protection: IP20

Insulation Class: Class A

Safety Protection: Impedance Protected, Reverse Polarity

This high-efficiency cooling solution is specifically calibrated for integration into variable frequency drives (VFDs) and industrial inverters where consistent thermal regulation is paramount. The AFB0624SH-A excels in server rack ventilation, telecommunications equipment, and precision CNC machinery control panels. By maintaining optimal operating temperatures, the AFB0624SH-A prevents component degradation in power supply units and automation controllers, ensuring system reliability in mission-critical infrastructure.

Supplemental Images

