

AFB0724V-A Delta 24VDC 0.33A 70x70x25mm Axial Fan Datasheet



Brand: Delta

SKU: [938071614524](#)

Category: Axial & Centrifugal Fans

Price: **\$12.99**

E-mail: sales@equipspares.com

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

Product Page:

<https://www.equipspares.com/product/afb0724v-a-delta-24vdc-0-33a-70x70x25mm-axial-fan>

Product Description

The Delta AFB0724V-A is a precision-engineered DC Axial Fan designed for critical thermal management in industrial environments. Utilizing advanced DC brushless motor technology and a robust dual ball bearing architecture, this unit ensures minimal friction and extended operational longevity under continuous loads. The aerodynamic impeller design optimizes airflow dynamics to reduce thermal impedance within high-density enclosures. Constructed with high-grade thermoplastic materials, the frame offers superior structural rigidity, making it suitable for demanding applications such as variable frequency drives and automation control systems where reliability is paramount.

Model Number: AFB0724V-A

Brand: Delta Electronics

Product Type: DC Axial Fan

Rated Voltage: 24 VDC

Voltage Range: 14.0 - 27.6 VDC

Rated Current: 0.33 A

Input Power: 7.92 W

Rated Speed: 4700 RPM

Bearing Type: Dual Ball Bearing

Max. Air Flow: 42.5 CFM (72.2 m³/h / 1.20 m³/min)

Max. Static Pressure: 7.85 mmH₂O (77.0 Pa / 0.31 inH₂O)

Dimensions: 70 x 70 x 25 mm

Weight: 90 g

Life Expectancy: 70,000 Hours at 40°C

Noise Level: 41.5 dB-A

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

Housing Material: PBT Plastic (UL94V-0)

Blade Material: PBT Plastic (UL94V-0)

Operating Temperature: -10°C to +70°C

Storage Temperature: -40°C to +75°C

Ingress Protection: IP20

Insulation Class: Class A

Safety Protection: Impedance Protected, Reverse Polarity

Mounting Orientation: Any

The AFB0724V-A is specifically engineered for forced convection cooling in industrial electronics and power conversion systems. Common deployment scenarios include variable frequency drives (VFDs) and heavy-duty power inverters where consistent thermal dissipation is required to prevent component derating. The AFB0724V-A is also widely utilized in server rack ventilation, CNC machinery control panels, and telecommunications power supplies, ensuring operational stability in 24/7 environments.

Supplemental Images

