

EFB1524SHG-F00 Delta 24VDC 172x150x51mm Axial Fan Datasheet



Brand: Delta

SKU: [746379753253](#)

Category: Axial & Centrifugal Fans

Price: **\$47.99**

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Product Page:

<https://www.equipspares.com/product/efb1524shg-f00-delta-24vdc-172x150x51mm-axial-fan>

Product Description

The Delta EFB1524SHG-F00 is a robust industrial DC axial fan engineered for critical thermal management in high-impedance systems. Belonging to the EFB series, this unit features a precision-machined die-cast aluminum housing paired with a thermoplastic impeller, ensuring structural rigidity and vibration dampening under high-load operations. The fan utilizes a maintenance-free ball bearing system to deliver sustained performance and longevity. Its aerodynamic profile is optimized to generate significant static pressure, making it ideal for densely packed enclosures where airflow resistance is a primary concern. The integrated -F00 output signal provides tachometer feedback for real-time speed monitoring and system diagnostics.

Model Number: EFB1524SHG-F00

Brand: Delta Electronics

Product Type: DC Axial Fan

Rated Voltage: 24VDC

Voltage Range: 12.0 - 28.0 VDC

Rated Current: 2.10 A

Power Input: 50.40 W

Rated Speed: 3700 RPM

Bearing Type: Dual Ball Bearing

Max. Air Flow: 325.0 CFM (9.20 m³/min)

Max. Static Pressure: 23.50 mmH₂O (230.5 Pa / 0.92 inH₂O)

Dimensions: 172mm x 150mm x 51mm

Weight: 840 g

Noise Level: 61.0 dB-A

Frame Material: Aluminum Die-Cast

Impeller Material: Plastic (UL 94V-0)

Ingress Protection: IP55 (Optional based on configuration)

Operating Temperature: -10°C to +70°C

Storage Temperature: -40°C to +75°C

Life Expectancy: 70,000 Hours at 40°C

Output Signal: Frequency Generator (Tachometer)

Safety Certifications: UL, cUL, TUV, CE

The EFB1524SHG-F00 is specifically designed for heavy-duty industrial applications requiring reliable forced convection cooling. It is frequently deployed in Variable Frequency Drives (VFDs), high-capacity power inverters, and server rack cabinets where heat dissipation is critical. The EFB1524SHG-F00 ensures operational stability in automation control panels and telecommunications equipment, effectively mitigating thermal throttling in continuous-duty environments.

Supplemental Images

