

EFB1524SHG-T6LA Delta 24VDC 172x150mm DC Axial Fan Datasheet



Brand: Delta

SKU: 1001707114916

Category: Axial & Centrifugal Fans

Price: **\$34.99**

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Product Page:

<https://www.equipspares.com/product/efb1524shg-t6la-delta-24vdc-172x150mm-dc-axial-fan>

Product Description

The Delta EFB1524SHG-T6LA is a robust DC Axial Fan engineered for demanding industrial cooling environments. Featuring a durable die-cast aluminum housing and a thermoplastic impeller, this unit ensures structural rigidity and thermal stability under high-load operations. The fan utilizes a precision ball bearing system to minimize friction and extend operational lifespan, making it ideal for continuous duty cycles. Its aerodynamic blade design optimizes airflow efficiency while maintaining manageable noise levels. Specifically calibrated for high-impedance applications, this 24VDC model delivers substantial static pressure, ensuring effective heat dissipation in tightly packed electronic enclosures and variable frequency drives.

Model Number: EFB1524SHG-T6LA

Brand: Delta Electronics

Product Type: DC Axial Fan

Rated Voltage: 24 VDC

Operating Voltage Range: 12.0 - 26.4 VDC

Rated Current: 2.10 A

Input Power: 50.4 W

Rated Speed: 4000 RPM

Bearing Type: Maintenance-Free Ball Bearing

Max. Air Flow: 295.0 CFM (501.2 m³/h / 8.35 m³/min)

Max. Static Pressure: 22.5 mmH₂O (220 Pa / 0.88 inH₂O)

Dimensions: 172 x 150 x 51 mm

Weight: 840 g

Housing Material: Die-Cast Aluminum

Impeller Material: Thermoplastic PBT (UL94V-0)

Noise Level: 62.0 dB-A

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

Operating Temperature: -10°C to +70°C

Storage Temperature: -40°C to +75°C

Life Expectancy: 70,000 Hours at 40°C

Ingress Protection: IP20

Safety Certifications: UL, cUL, TUV, CE

Mounting Orientation: Any

The EFB1524SHG-T6LA is frequently deployed in critical industrial automation systems, specifically serving as a primary cooling component for ABB variable frequency drives and heavy-duty inverters. Its high static pressure capabilities make it suitable for server cabinets, telecommunications power supplies, and CNC machinery control panels where airflow resistance is significant. Maintenance teams rely on the EFB1524SHG-T6LA for retrofitting legacy cooling systems in manufacturing plants to prevent thermal shutdowns in power electronics.

Supplemental Images

