

EFB1524SHG-P0 Delta 24VDC 172x150x51mm PWM DC Axial Fan Datasheet



Brand: Delta

SKU: [778430438693](#)

Category: Axial & Centrifugal Fans

Price: **\$79.99**

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Product Page:

<https://www.equipspares.com/product/efb1524shg-p0-delta-24vdc-172x150x51mm-pwm-dc-axial-fan>

Product Description

The Delta EFB1524SHG-P0 is a high-capacity DC Axial Fan engineered for critical thermal management in industrial electronics and power conversion systems. Featuring a robust DC brushless motor and a precision ball bearing architecture, this unit ensures minimized friction and extended operational longevity under continuous high-load conditions. The aerodynamic impeller design optimizes static pressure capabilities while maintaining efficient airflow throughput, significantly reducing thermal impedance within high-density enclosures. Its structural rigidity, provided by a die-cast aluminum frame, and 4-wire PWM speed control interface allow for dynamic thermal regulation, making it an ideal component for demanding cooling applications requiring reliability and precise airflow modulation.

Model Number: EFB1524SHG-P0

Brand: Delta Electronics

Product Type: DC Axial Fan

Rated Voltage: 24VDC

Voltage Range: 14.0 - 27.6 VDC

Rated Current: 2.10 A

Power Consumption: 50.4 W

Rated Speed: 4000 RPM

Bearing Type: Maintenance-Free Ball Bearing
Max. Air Flow: 325.0 CFM (9.20 m³/min)
Max. Static Pressure: 23.5 mmH₂O (230 Pa / 0.92 inH₂O)
Dimensions: 172mm x 150mm x 51mm
Frame Style: Oval (Side Cut)
Weight: 840 g
Life Expectancy: 70,000 Hours at 40°C
Speed Control: 4-Wire PWM / Tachometer Output
Noise Level: 61.0 dB-A
Housing Material: Die-Cast Aluminum
Impeller Material: Thermoplastic PBT (UL94V-0)
Operating Temperature: -10°C to +70°C
Storage Temperature: -40°C to +75°C
Termination: Lead Wires (Red +, Black -, Blue/Yellow Signal)
Safety Certifications: UL, cUL, TUV, CE
Motor Protection: Polarity Protection, Locked Rotor Protection

Designed for high-static pressure environments, the EFB1524SHG-P0 is extensively utilized in industrial automation and power conversion systems. Common deployment scenarios include variable frequency drive (VFD) inverters, large-scale server rack cabinets, and telecommunications base stations where consistent heat dissipation is critical. The EFB1524SHG-P0 ensures component stability in CNC machinery and medical instrumentation, effectively managing thermal loads in restricted spaces to prevent system throttling or failure.

Supplemental Images

