

EFB1724SHG-JA6 Delta 24VDC 172x51mm 4-Wire Axial Fan Datasheet



Brand: Delta

SKU: [955811917024](#)

Category: Axial & Centrifugal Fans

Price: **\$47.99**

E-mail: sales@equipspares.com

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Product Page:

<https://www.equipspares.com/product/efb1724shg-ja6-delta-24vdc-172x51mm-4-wire-axial-fan>

Product Description

The Delta EFB1724SHG-JA6 is a high-performance industrial axial fan engineered for critical thermal management in high-impedance electronic systems. Utilizing a robust DC brushless motor and a precision dual ball bearing architecture, this unit ensures exceptional longevity and rotational stability even under continuous high-load operation. The aerodynamic design features a dynamically balanced thermoplastic impeller housed within a rigid die-cast aluminum frame, which enhances structural integrity and aids in secondary heat dissipation. With a high current rating of 2.1A, this model delivers superior static pressure and airflow, making it an optimal solution for overcoming significant system resistance. The integration of advanced commutation electronics minimizes thermal impedance while maximizing energy efficiency in demanding industrial environments.

Model Number: EFB1724SHG-JA6

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: 4300 RPM

Bearing Type: Dual Ball Bearing

Max. Air Flow: 325.0 CFM (552.1 m³/h / 9.20 m³/min)

Max. Static Pressure: 22.4 mmH₂O (219.6 Pa / 0.88 inH₂O)

Dimensions: 172 mm x 150 mm x 51 mm

Weight: 840 g

Noise Level: 63.0 dBA

Frame Material: Die-Cast Aluminum

Impeller Material: Plastic (UL94V-0)

Termination: 4-Wire Leads (PWM/Tachometer)

Ingress Protection: IP55 (Optional)

Operating Temperature: -10°C to +70°C

Storage Temperature: -40°C to +75°C

Life Expectancy: 70,000 Hours at 40°C

Speed Control: PWM (Pulse Width Modulation)

Safety Certifications: UL, cUL, TUV, CE

The EFB1724SHG-JA6 is specifically designed for heavy-duty applications requiring rapid heat evacuation, such as variable frequency drives (VFDs) and high-power inverters. Its high static pressure profile allows the EFB1724SHG-JA6 to effectively force air through dense heatsinks and restricted enclosures found in server racks, telecommunications rectifiers, and CNC control cabinets. Furthermore, this cooling solution is widely utilized in medical instrumentation and industrial automation equipment where reliable, continuous thermal regulation is essential for preventing component failure.

Supplemental Images

