

FB1424SHG Delta 24VDC 140x140x51mm 2-Wire Axial Fan Datasheet



Brand: Delta

SKU: [941773456795](#)

Category: Axial & Centrifugal Fans

Price: **\$27.99**

E-mail: sales@equipspares.com

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

Product Page:

<https://www.equipspares.com/product/fb1424shg-delta-24vdc-140x140x51mm-2-wire-axial-fan>

Product Description

The Delta FB1424SHG is a high-capacity DC axial fan engineered for rigorous industrial thermal management applications. Featuring a robust motor design paired with a precision dual ball bearing architecture, this unit delivers exceptional rotational stability and extended service life under continuous operation. The aerodynamic impeller is structurally reinforced to generate significant static pressure, effectively overcoming high thermal impedance in densely packed electronic enclosures. Designed for reliability, the fan maintains structural rigidity and consistent performance, making it an optimal solution for critical cooling systems requiring high volumetric airflow and durability.

Model Number: FB1424SHG

Brand: Delta Electronics

Product Type: DC Axial Fan

Rated Voltage: 24 VDC

Voltage Range: 14.0 - 27.6 VDC

Rated Current: 2.30 A

Power Consumption: 55.2 W

Rated Speed: 4200 RPM

Bearing Type: Dual Ball Bearing

Max. Air Flow: 260.5 CFM (442.6 m³/h)

Max. Static Pressure: 22.8 mmH₂O (223.6 Pa / 0.90 inH₂O)

Dimensions: 140 x 140 x 50.8 mm

Weight: 680 g

Life Expectancy: 70,000 Hours at 40°C

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

Housing Material: PBT Plastic (UL94V-0)

Impeller Material: PBT Plastic (UL94V-0)

Operating Temperature: -10°C to +70°C

Storage Temperature: -40°C to +75°C

Noise Level: 62.0 dB-A

Ingress Protection: IP20

Safety Certifications: UL, cUL, TUV, CE

The FB1424SHG is widely utilized in heavy-duty industrial applications, particularly for cooling variable frequency drives (VFDs) and high-power inverters. Its robust airflow characteristics make it suitable for server cabinets, telecommunications infrastructure, and CNC machinery where heat dissipation is critical. Integrators frequently select the FB1424SHG for power supply units and automation control panels to prevent thermal shutdowns and ensure the longevity of sensitive electronic components in harsh manufacturing environments.

Supplemental Images

