

BFB0612HB-SE03 Delta 12VDC 60x60x15mm Projector Blower Fan Datasheet



Brand: Delta

SKU: [922753591029](#)

Category: Axial & Centrifugal Fans

Price: **\$21.99**

E-mail: sales@equipspares.com

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Product Page:

<https://www.equipspares.com/product/bfb0612hb-se03-delta-12vdc-60x60x15mm-projector-blower-fan>

Product Description

The Delta BFB0612HB-SE03 is a specialized DC Centrifugal Blower engineered for precision thermal management in compact projection systems and industrial electronics. Utilizing a robust Dual Ball Bearing architecture, this unit ensures extended operational longevity and reduced frictional heat generation compared to sleeve bearing alternatives. The aerodynamic scroll housing is optimized to deliver concentrated airflow with high static pressure, effectively overcoming significant thermal impedance in restricted enclosures. Its structural rigidity and UL94V-0 rated construction make it suitable for demanding continuous-duty environments requiring reliable forced convection cooling.

Model Number: BFB0612HB-SE03

Brand: Delta Electronics

Product Type: DC Centrifugal Blower

Rated Voltage: 12 VDC

Voltage Range: 7.0 - 13.2 VDC

Rated Current: 0.18 A

Power Consumption: 2.16 W

Rated Speed: 4200 RPM

Bearing Type: Dual Ball Bearing

Max. Air Flow: 6.71 CFM (11.4 m³/h / 0.19 m³/min)

Max. Static Pressure: 11.5 mmH₂O (112.8 Pa / 0.45 inH₂O)

Dimensions: 60 x 60 x 15 mm

Weight: 45 g

Life Expectancy: 70,000 Hours at 40°C

Noise Level: 34.0 dB-A

Speed Control: 3-Wire (Tachometer Sensor)

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

Termination: 3-Wire Lead with Connector

Ingress Protection: IP40

The BFB0612HB-SE03 is specifically calibrated for high-density optical equipment, serving as a critical cooling component in multimedia projectors where maintaining lamp and chipset temperatures is vital. Beyond projection systems, the BFB0612HB-SE03 is frequently integrated into compact server racks, 1U chassis spot cooling, and industrial automation interfaces where space is limited but high static pressure is required to force air through dense heatsinks. Its reliable performance ensures system stability in telecommunications and medical instrumentation.

Supplemental Images

