BCB1012UH-F00 Delta 12VDC 97x33mm 3.84A Centrifugal Blower Datasheet

Brand: Delta

SKU: 1004225734235

Category: Axial & Centrifugal Fans

Price: **$17.99**

E-mail: sales@equipspares.com

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Product Page:
https://www.equipspares.com/product/bcb1012uh-f00-delta-12vdc-97x33mm-3-84a-centrifugal-blower

Product Description

The Delta BCB1012UH-F00 is a high-performance Centrifugal Blower engineered for critical thermal management in high-impedance systems. Featuring a robust DC motor and a precision dual ball bearing architecture, this unit is designed to deliver exceptional longevity and structural rigidity under continuous operation. The aerodynamic impeller geometry is optimized to generate significant static pressure, effectively overcoming resistance in densely packed electronic enclosures. With a focus on thermal impedance reduction, the BCB1012UH-F00 ensures rapid heat dissipation, making it a vital component for maintaining the reliability of industrial and computing equipment.

Model Number: BCB1012UH-F00
Brand: Delta Electronics
Product Type: Centrifugal Blower
Rated Voltage: 12 VDC
Voltage Range: 7.0 - 13.2 VDC
Rated Current: 3.84 A
Power Consumption: 46.08 W
Rated Speed: 5500 RPM
Bearing Type: Dual Ball Bearing
Max. Air Flow: 62.49 CFM (106.17 m^3/h / 1.77 m^3/min)
Max. Static Pressure: 76.2 mmH_2O (747 Pa / 3.00 inH_2O)

Dimensions: 97mm x 94mm x 33mm
Weight: 190 g
Life Expectancy: 70,000 Hours at 40°C
Noise Level: 64.0 dB(A)
Speed Control: Tachometer Output (F00)
Housing Material: PBT Plastic (UL94V-0)
Impeller Material: PBT Plastic (UL94V-0)
Termination: 3-Wire Lead
Operating Temperature: -10°C to +70°C
Storage Temperature: -40°C to +70°C
Ingress Protection: IP40
Safety Certifications: UL, cUL, TUV, CE

Designed for environments requiring substantial airflow against high static pressure, the BCB1012UH-F00 is widely utilized in enterprise server cooling solutions and telecommunications infrastructure. Its powerful suction and exhaust capabilities also make the BCB1012UH-F00 an excellent choice for industrial vacuum applications, CNC spindle cooling, and high-density power supply units where maintaining optimal operating temperatures is essential for system longevity.

Supplemental Images


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