BFB1012M-8M66R Delta 12VDC 97x94x33mm Centrifugal Blower Datasheet

Brand: Delta

SKU: 835836049798

Category: Axial & Centrifugal Fans

Price: **$15.99**

E-mail: sales@equipspares.com

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Product Page:
https://www.equipspares.com/product/bfb1012m-8m66r-delta-12vdc-97x94x33mm-centrifugal-blower

Product Description

The Delta BFB1012M-8M66R is a DC Centrifugal Blower engineered for precision thermal management in high-impedance environments. Utilizing advanced DC brushless motor technology and a robust Double Ball Bearing architecture, this unit ensures long-term operational stability and reduced frictional coefficients. The aerodynamic impeller design optimizes static pressure delivery while maintaining structural rigidity under load. Constructed with UL94V-0 rated thermoplastic, it offers superior resistance to thermal stress, making it an ideal solution for industrial applications requiring consistent airflow and durability.

Model Number: BFB1012M-8M66R
Brand: Delta Electronics
Product Type: Centrifugal Blower
Rated Voltage: 12VDC
Voltage Range: 7.0 - 13.2 VDC
Rated Current: 0.48 A
Power: 5.76 W
Rated Speed: 3600 RPM
Bearing Type: Double Ball Bearing
Max. Air Flow: 25.43 CFM (43.20 m^3/h / 0.72 m^3/min)
Max. Static Pressure: 22.50 mmH_2O (220.6 Pa / 0.88 inH_2O)

Dimensions: 97 x 94 x 33 mm
Weight: 166 g
Life Expectancy: 50,000 Hours at 40°C
Speed Control: PWM / 4-Wire
Noise Level: 52.0 dBA
Housing Material: Plastic (UL94V-0)
Impeller Material: Plastic (UL94V-0)
Operating Temperature: -10°C to +60°C
Termination: 4-Wire Lead with Connector

This centrifugal blower is specifically designed for applications demanding high static pressure to overcome system resistance. The BFB1012M-8M66R is frequently integrated into rack-mount servers, projectors, and telecommunications equipment where directed airflow is critical. Additionally, the BFB1012M-8M66R serves effectively in industrial automation control panels and medical instrumentation, ensuring reliable heat dissipation in compact, component-dense enclosures.

Supplemental Images


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