

FFB0824SHE-R00 Delta 24VDC 0.51A 80x80x38mm DC Axial Fan Datasheet



Brand: Delta

SKU: [1035128319222](#)

Category: Axial & Centrifugal Fans

Price: **\$17.99**

E-mail: sales@equipspares.com

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Product Page:

<https://www.equipspares.com/product/ffb0824she-r00-delta-24vdc-0-51a-80x80x38mm-dc-axial-fan>

Product Description

The Delta FFB0824SHE-R00 80 x 80 x 38 mm DC axial fan operates at a nominal 24 VDC and 12.24 W, delivering a maximum airflow of 68.51 CFM and a static pressure of 15.01 mmH₂O. Constructed with a UL 94V-0 plastic frame and impeller, this brushless DC motor utilizes a dual ball bearing system to ensure a life expectancy of 70,000 hours at 40 °C. The unit features a 3-wire lead termination equipped with a locked rotor sensor for precise operational monitoring, generating 48.5 dBA of acoustic noise at a rated speed of 4900 RPM.

FFB0824SHE-R00 Specifications

Manufacturer: Delta Electronics

Model Number: FFB0824SHE-R00

Product Category: DC Axial Fan

Dimensions: 80 x 80 x 38 mm

Nominal Voltage: 24 VDC

Operating Voltage Range: 14.0 to 27.6 VDC

Nominal Current: 0.51 A

Power Consumption: 12.24 W

Rated Speed: 4900 RPM

Maximum Airflow: 116.4 m³/h (68.51 CFM)

Maximum Static Pressure: 15.01 mmH₂O (0.591 inAq)

Acoustic Noise: 48.5 dBA

Bearing Type: Dual Ball Bearing

Motor Design: Brushless DC Motor

Termination: 3-Wire Leads

Sensor Type: Locked Rotor Sensor

Frame Material: Plastic (UL 94V-0)

Impeller Material: Plastic (UL 94V-0)

Operating Temperature: -10 to 70 °C

Life Expectancy: 70,000 Hours at 40 °C

Weight: 170 g

Safety Approvals: CE, CSA, UL, VDE

FFB0824SHE-R00 Applications

Primary applications include integration into high-performance computing (HPC) servers, telecommunication base stations, and industrial automation controllers requiring continuous exhaust cooling. The component is also deployed within heavy-duty power supplies, networking switches, and CNC spindle thermal management systems operating under high back-pressure conditions.

Supplemental Images

