FFB0824EH-X03 Delta 24VDC 80x80x38mm DC Axial Fan Datasheet

Brand: Delta

SKU: 979879078407

Category: Axial & Centrifugal Fans

Price: **$18.99**

E-mail: sales@equipspares.com

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Product Page:
https://www.equipspares.com/product/ffb0824eh-x03-delta-24vdc-80x80x38mm-dc-axial-fan

Product Description

Delta FFB0824EH-X03 80 x 80 x 38 mm 24 VDC DC axial fan delivers a maximum airflow of 80.16 CFM and a static pressure of 0.812 inH2O. Engineered with a rigid plastic frame and impeller, the unit houses a precision dual ball bearing system that supports a continuous operational lifespan of 70,000 hours at 40 °C. The hardware operates at a rated speed of 5700 RPM, consuming 12.0 W of power with a maximum current draw of 0.75 A. Electrical connectivity is established via a standard 2-wire lead interface, and the assembly maintains an acoustic profile of 52.5 dBA under full load conditions.

FFB0824EH-X03 Specifications

Model Number: FFB0824EH-X03
Brand: Delta Electronics
Product Category: DC Axial Fan
Dimensions: 80 x 80 x 38 mm
Nominal Voltage: 24 VDC
Operating Voltage Range: 14.0 to 26.4 VDC
Nominal Current: 0.50 A
Maximum Current: 0.75 A
Power Consumption: 12.0 W
Rated Speed: 5700 RPM

Maximum Airflow: 80.16 CFM (2.27 m^3/min)
Static Pressure: 0.812 inH2O (20.63 mmH2O)
Noise Level: 52.5 dBA
Bearing System: Dual Ball Bearing
Termination: 2-Wire Leads
Frame Material: Plastic
Blade Material: Plastic
Weight: 170 g
Operating Temperature: -10 to 70 °C
Life Expectancy: 70,000 Hours at 40 °C

FFB0824EH-X03 Applications

Primary applications include integration into industrial frequency inverters and variable frequency drives (VFDs) for active thermal extraction. Deployed within CNC machine control cabinets, telecom base station power supplies, and high-density server chassis to regulate internal component temperatures. The unit is additionally utilized in automated welding equipment and heavy-duty power conversion systems requiring continuous, high-static-pressure airflow.

Supplemental Images