

# PFB1224SE-00P5 Delta 24VDC 120x120x38mm 4.0A Axial Fan Datasheet



**Brand:** Delta

**SKU:** [1005446826469](#)

**Category:** Axial & Centrifugal Fans

**Price:** **\$47.99**

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Product Page:

<https://www.equipspares.com/product/pfb1224se-00p5-delta-24vdc-120x120x38mm-4-0a-axial-fan>

## Product Description

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The Delta PFB1224SE-00P5 is a high-performance DC axial fan engineered for mission-critical thermal management in demanding industrial environments. Utilizing advanced brushless DC motor technology and a robust dual ball bearing architecture, this unit ensures exceptional longevity and structural rigidity under continuous high-speed operation. The aerodynamic impeller design is optimized to deliver superior static pressure, effectively overcoming high thermal impedance in densely packed electronic enclosures. Designed for heavy-duty applications, the PFB1224SE-00P5 provides reliable forced convection cooling, making it a critical component for maintaining operational stability in power conversion systems and server infrastructure.

Model Number: PFB1224SE-00P5

Brand: Delta Electronics

Product Type: DC Axial Fan

Rated Voltage: 24VDC

Voltage Range: 14.0 - 27.6 VDC

Rated Current: 4.0 A

Power Input: 96.0 W

Rated Speed: 5500 RPM

Bearing Type: Dual Ball Bearing

Max. Air Flow: 252.85 CFM (429.5 m<sup>3</sup>/h / 7.16 m<sup>3</sup>/min)

Max. Static Pressure: 35.88 mmH<sub>2</sub>O (351.8 Pa / 1.41 inH<sub>2</sub>O)

Dimensions: 120 x 120 x 38 mm

Weight: 380 g

Noise Level: 66.5 dB-A

Frame Material: PBT Plastic (UL 94V-0)

Impeller Material: PBT Plastic (UL 94V-0)

Ingress Protection: IP55

Speed Control: PWM Control / Tachometer Output

Wire Termination: 4-Wire Leads

Operating Temperature: -10°C to +70°C

Storage Temperature: -40°C to +75°C

Life Expectancy: 70,000 Hours at 40°C

Safety Certifications: UL, cUL, TUV, CE

Protection: Locked Rotor Protection, Reverse Polarity Protection

The PFB1224SE-00P5 is specifically calibrated for high-impedance systems requiring substantial static pressure, such as variable frequency drive (VFD) inverters and industrial automation control cabinets. Its robust airflow capabilities make the PFB1224SE-00P5 essential for cooling server racks, telecommunications base stations, and high-wattage power supplies where component density restricts natural convection. Additionally, this model serves effectively in CNC machinery and medical instrumentation, ensuring reliable thermal regulation for sensitive electronic components.

## Supplemental Images

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