AFB1224SHE-X41 Delta 24VDC 0.75A 120x120x38mm Axial Fan Datasheet

Brand: Delta

SKU: 854975022037

Category: Axial & Centrifugal Fans

Price: **$19.99**

E-mail: sales@equipspares.com

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Product Page:
https://www.equipspares.com/product/afb1224she-x41-delta-24vdc-0-75a-120x120x38mm-axial-fan

Product Description

The Delta AFB1224SHE-X41 is a Axial Fan engineered for high-demand industrial cooling applications. Utilizing a brushless DC motor architecture, this unit integrates precision ball bearings to ensure structural rigidity and minimized thermal impedance during continuous operation. Its aerodynamic impeller design is optimized for high static pressure environments, facilitating efficient heat dissipation in densely packed electronic enclosures. The robust construction and advanced commutation electronics provide reliable performance across a wide voltage range, making it a critical component for maintaining thermal stability in mission-critical hardware systems.

Model Number: AFB1224SHE-X41
Brand: Delta
Product Type: Axial Fan
Rated Voltage: 24VDC
Voltage Range: 14.0 - 27.6 VDC
Rated Current: 0.75 A
Power: 18.0 W
Rated Speed: 3700 RPM
Bearing Type: Dual Ball Bearing
Max. Air Flow: 151.85 CFM (4.300 m^3/min)
Max. Static Pressure: 14.50 mmH_2O (142.2 Pa / 0.571 inH_2O)

Dimensions: 120x120x38mm
Weight: 330g
Life Expectancy: 70,000 Hours at 40°C
Noise Level: 53.0 dB(A)
Housing Material: Plastic (UL94V-0)
Blade Material: Plastic (UL94V-0)
Termination: 2 Lead Wires
Operating Temperature: -10°C to +70°C
Storage Temperature: -40°C to +75°C
Protection Features: Locked Rotor Protection, Reverse Polarity Protection
Certifications: UL, CSA, VDE, CE

The Delta AFB1224SHE-X41 is primarily deployed in high-density server racks and telecommunications infrastructure where thermal management is paramount. Industrial frequency converters and CNC machinery rely on the AFB1224SHE-X41 for consistent airflow to prevent component overheating. Its robust design also makes it suitable for power supply units and medical diagnostic equipment requiring long-term reliability.