

PFR0612XHE-01BEY Delta 12VDC 5.00A 60x60x38mm Axial Fan Datasheet



Brand: Delta

SKU: [885173779235](#)

Category: Axial & Centrifugal Fans

Price: **\$16.99**

E-mail: sales@equipspares.com

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Product Page:

<https://www.equipspares.com/product/pfr0612xhe-01bey-delta-12vdc-5-00a-60x60x38mm-axial-fan>

Product Description

The Delta PFR0612XHE-01BEY is a high-density DC Axial Fan engineered for mission-critical thermal management where structural rigidity and low thermal impedance are paramount. Utilizing a sophisticated brushless DC motor architecture, this unit is optimized for high static pressure environments. The aerodynamic impeller design is paired with a precision-engineered dual ball bearing system to ensure rotational stability at extreme velocities. Its robust construction minimizes mechanical resonance, providing a reliable cooling solution for densely packed electronic enclosures requiring maximum heat dissipation efficiency.

Model Number: PFR0612XHE-01BEY

Brand: Delta Electronics

Product Type: DC Axial Fan

Rated Voltage: 12VDC

Voltage Range: 7.0 - 13.2 VDC

Rated Current: 5.00A

Power: 60.0W

Rated Speed: 16500 RPM

Bearing Type: Dual Ball Bearing

Max. Air Flow: 62.23 CFM (1.76 m³/min)

Max. Static Pressure: 41.27 mmH₂O (404.7 Pa / 1.62 inH₂O)

Dimensions: 60x60x38mm

Weight: 130g

Life Expectancy: 70,000 Hours at 40C

Speed Control: PWM (Pulse Width Modulation)

Output Signal: Tachometer (Frequency Generator)

Noise Level: 67.5 dB(A)

Housing Material: Plastic (UL94V-0)

Blade Material: Plastic (UL94V-0)

Termination: 4-Lead Wires

Operating Temperature: -10 to +70C

Storage Temperature: -40 to +75C

Protection Features: Locked Rotor Protection, Reverse Polarity Protection

Insulation Class: Class A

The PFR0612XHE-01BEY is specifically designed for high-performance computing environments and industrial server racks where space is limited but heat loads are extreme. Due to the high static pressure capabilities of the PFR0612XHE-01BEY, it is an ideal choice for 1U/2U servers, telecommunications base stations, and high-end networking equipment. Its durable dual ball bearing construction ensures that the PFR0612XHE-01BEY maintains continuous operation in 24/7 industrial automation and power supply cooling applications.

Supplemental Images

