

PFR0812XHE-CB53 Delta 12VDC 80x80x38mm 4-Wire Axial Fan Datasheet



Brand: Delta

SKU: [679943078114](#)

Category: Axial & Centrifugal Fans

Price: **\$17.99**

E-mail: sales@equipspares.com

Web: <https://www.equipspares.com>

Product Page:

<https://www.equipspares.com/product/pfr0812xhe-cb53-delta-12vdc-80x80x38mm-4-wire-axial-fan>

Product Description

The Delta PFR0812XHE-CB53 is a high-performance Axial Fan designed for applications demanding extreme airflow and static pressure capabilities. Engineered with a high-torque DC motor and a durable Double Ball Bearing system, this unit ensures exceptional structural rigidity and operational stability under high-speed rotation. The aerodynamic impeller design minimizes thermal impedance while maximizing volumetric efficiency, making it a critical component for thermal management in high-density electronic enclosures. Its robust construction supports continuous operation, effectively dissipating heat in environments with significant system resistance.

Model Number: PFR0812XHE-CB53

Brand: Delta Electronics

Product Type: DC Axial Fan

Rated Voltage: 12 VDC

Rated Current: 4.90 A

Power Consumption: 58.8 W

Rated Speed: 13800 RPM

Max. Air Flow: 140 CFM

Bearing Type: Double Ball Bearing

Dimensions: 80 x 80 x 38 mm

Speed Control: PWM Support

Termination: 4-Wire (Red, Black, Yellow, Blue)

Connector Type: 4-Pin Motherboard Header

Mounting Orientation: Flange Mount

The PFR0812XHE-CB53 is widely utilized in high-performance computing environments, including server chassis and blade centers, where maintaining optimal thermal envelopes is critical. Additionally, the PFR0812XHE-CB53 is frequently adopted for specialized industrial applications such as CNC spindle cooling, telecommunications equipment, and DIY intake modifications requiring aggressive air delivery to overcome substantial backpressure.

Supplemental Images

