GFM0612SS-00 Delta 12VDC 60x60x56mm Dual Rotor Axial Fan Datasheet

Brand: Delta

SKU: 931748666412

Category: Axial & Centrifugal Fans

Price: **$16.99**

E-mail: sales@equipspares.com

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Product Page:
https://www.equipspares.com/product/gfm0612ss-00-delta-12vdc-60x60x56mm-dual-rotor-axial-fan

Product Description

The Delta GFM0612SS-00 is a high-performance counter-rotating axial fan designed for applications requiring extreme static pressure and airflow density. Engineered with a dual-rotor architecture, this 60mm unit integrates two independent motors in a contra-rotating configuration to minimize air swirl and maximize flow efficiency against high system impedance. The fan features advanced PWM speed control and precision ball bearings, ensuring operational stability under heavy thermal loads. Its robust structural rigidity and optimized thermal impedance characteristics allow for sustained operation at speeds exceeding 20,000 RPM, making it a superior solution for high-density cooling environments.

Model Number: GFM0612SS-00
Brand: Delta Electronics
Product Type: Counter-Rotating Axial Fan
Assembly Part Number: FA121A06-N08
Rated Voltage: 12VDC
Voltage Range: 10.8 - 12.6 VDC
Rated Current: 7.40 A (Label) / 4.25 A (Operating)
Max Current: 5.1 A
Power: 88.8 W
Rated Speed (Inlet): 20000 RPM ±10%

Rated Speed (Outlet): 20100 RPM ±10%
Bearing Type: Ball Bearing
Max. Air Flow: 67.85 CFM (115.2 m^3/h)
Max. Static Pressure: 3.88 inH_2O (98.6 mmH_2O)
Dimensions: 60 x 60 x 56 mm
Weight: 210 g
Life Expectancy: 70,000 Hours at 40°C
Speed Control: PWM
Termination: Lead Wires
Wire Configuration: Red/Orange (+), Black/Brown (-), Blue/Green (PWM)
Housing Material: PBT (UL94V-0)
Blade Material: PBT (UL94V-0)

The GFM0612SS-00 is specifically engineered for mission-critical hardware such as high-density server racks, blade servers, and telecommunications equipment where backpressure is significant. Due to its immense airflow capabilities, the GFM0612SS-00 is also frequently utilized in specialized industrial applications, including CNC spindle cooling and DIY electric supercharger projects for automotive intake systems.

Supplemental Images


DELTA
MODEL GFM0612SS-00
DC12V 7.40A HFN
MADE IN CHINA