AFB0824GHE Delta 24VDC 80x80x38mm High Airflow Axial Fan Datasheet

Brand: Delta

SKU: 679677841409

Category: Axial & Centrifugal Fans

Price: **$20.99**

E-mail: sales@equipspares.com

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Product Page:
https://www.equipspares.com/product/afb0824ghe-delta-24vdc-80x80x38mm-high-airflow-axial-fan

Product Description

The Delta AFB0824GHE is a high-performance axial cooling fan engineered for demanding industrial thermal management applications. Utilizing advanced DC motor technology and a robust dual ball bearing architecture, this unit ensures exceptional structural rigidity and prolonged operational lifespan under continuous load. The aerodynamic impeller design minimizes turbulence while maximizing static pressure, effectively reducing thermal impedance in high-density electronic enclosures. Its precision-balanced construction mitigates vibration, making it an ideal solution for critical cooling requirements where reliability and airflow efficiency are paramount.

Model Number: AFB0824GHE
Brand: Delta Electronics
Product Type: DC Axial Fan
Rated Voltage: 24VDC
Voltage Range: 14.0 - 27.6 VDC
Rated Current: 0.95 A
Power: 22.80 W
Rated Speed: 7500 RPM
Bearing Type: Ball Bearing
Max. Air Flow: 110.18 CFM (187.2 m^3/h / 3.12 m^3/min)
Max. Static Pressure: 24.70 mmH_2O (242.2 Pa / 0.97 inH_2O)

Dimensions: 80x80x38mm
Weight: 156 g
Life Expectancy: 70,000 Hours at 40°C
Noise Level: 61.0 dB-A
Housing Material: Plastic (UL 94V-0)
Impeller Material: Plastic (UL 94V-0)
Operating Temperature: -10°C to +70°C
Storage Temperature: -40°C to +75°C
Ingress Protection: IP20
Insulation Class: Class A
Safety Protection: Impedance Protected, Reverse Polarity
Termination: Lead Wires

Designed for high-static pressure environments, the AFB0824GHE is frequently deployed in industrial frequency inverters and server rack enclosures requiring aggressive heat dissipation. The AFB0824GHE excels in telecommunications equipment and power supply units where component density restricts natural airflow. Additionally, this model is suitable for CNC machinery control panels and medical instrumentation, ensuring critical components remain within safe thermal operating limits during continuous duty cycles.

Supplemental Images


DC BRUSHLESS
MODEL AFB0824GHE
DC24V 0.95A 76D
6Y14CD6R
DELTA ELECTRONICS, INC.
MADE IN CHINA