AFB0924HD Delta 24VDC 92x92x20mm 0.15A DC Axial Fan Datasheet

Brand: Delta

SKU: 949792118899

Category: Axial & Centrifugal Fans

Price: **$10.99**

E-mail: sales@equipspares.com

Web: https://www.equipspares.com

Product Page:
https://www.equipspares.com/product/afb0924hd-delta-24vdc-92x92x20mm-0-15a-dc-axial-fan

Product Description

The Delta AFB0924HD is a precision-engineered DC Axial Fan designed for high-reliability thermal management applications. Featuring a robust Dual Ball Bearing architecture, this unit ensures minimized friction and extended operational lifespan under continuous load. The aerodynamic impeller design optimizes airflow efficiency while maintaining structural rigidity, effectively reducing thermal impedance in dense electronic enclosures. Engineered for stability, the AFB0924HD delivers consistent cooling performance, making it an ideal solution for critical industrial environments requiring sustained air exchange and heat dissipation.

Model Number: AFB0924HD
Brand: Delta Electronics
Product Type: DC Axial Fan
Rated Voltage: 24 VDC
Voltage Range: 14.0 - 27.6 VDC
Rated Current: 0.15 A
Power: 3.60 W
Rated Speed: 2850 RPM
Bearing Type: Dual Ball Bearing
Max. Air Flow: 48.0 CFM (81.6 m^3/h / 1.36 m^3/min)
Max. Static Pressure: 5.51 mmH_2O (54.0 Pa / 0.22 inH_2O)

Dimensions: 92 x 92 x 20 mm
Weight: 80 g
Life Expectancy: 70,000 Hours @ 40°C
Noise Level: 36.0 dBA
Housing Material: Plastic (UL94V-0)
Blade Material: Plastic (UL94V-0)
Operating Temperature: -10°C to +70°C
Termination: Lead Wires
Ingress Protection: IP20
Safety Certifications: UL, cUL, TUV, CE

The AFB0924HD is specifically engineered for demanding thermal regulation tasks within industrial automation and power management systems. It is frequently deployed in variable frequency drive (VFD) inverters to prevent thermal throttling during peak operation. Additionally, the AFB0924HD serves as a critical component in server chassis and industrial power supply units, ensuring stable operating temperatures for sensitive electronic components. Its compact profile allows for seamless integration into telecommunications equipment and CNC control cabinets where space and airflow efficiency are paramount.

Supplemental Images


LOT NO.:
PCS
DC BRUSHLESS
MODEL AFB0924HD
DC24V 0.15A