E34396-16 Nidec 12VDC 80x80x25mm Inverter Cooling Fan Datasheet

Brand: Nidec

SKU: 990060744534

Category: Axial & Centrifugal Fans

Price: **$12.99**

E-mail: sales@equipspares.com

Web: https://www.equipspares.com

Product Page:
https://www.equipspares.com/product/e34396-16-nidec-12vdc-80x80x25mm-inverter-cooling-fan

Product Description

The Nidec E34396-16 is a precision-engineered Axial Fan designed to mitigate thermal impedance in high-density electronic environments. Utilizing advanced DC brushless motor technology, this unit delivers consistent airflow while maintaining optimal energy efficiency. The chassis is constructed for structural rigidity, ensuring minimal vibration during operation. Its aerodynamic blade design optimizes static pressure capabilities, making it an ideal solution for inverter cooling and industrial automation. The 2-wire configuration simplifies integration into existing power infrastructures, providing reliable thermal management for critical components.

Model Number: E34396-16
Brand: Nidec
Product Type: Axial Fan
Rated Voltage: 12VDC
Voltage Range: 10.2 - 13.8 VDC
Rated Current: 0.21 A
Power Input: 2.52 W
Rated Speed: 3100 RPM
Bearing Type: Dual Ball Bearing
Max. Air Flow: 38.0 CFM (64.5 m^3/h / 1.07 m^3/min)
Max. Static Pressure: 3.5 mmH_2O (34.3 Pa / 0.14 inH_2O)

Dimensions: 80 x 80 x 25 mm
Weight: 85 g
Life Expectancy: 70,000 Hours at 40°C
Noise Level: 34.0 dB(A)
Housing Material: Polybutylene Terephthalate (PBT) UL94V-0
Impeller Material: Polybutylene Terephthalate (PBT) UL94V-0
Termination: 2-Wire Lead (Red +, Black -)
Operating Temperature: -10°C to +70°C
Storage Temperature: -40°C to +70°C
Ingress Protection: IP20
Insulation Resistance: 10M Ohm at 500VDC
Dielectric Strength: 500VAC for 1 min
Motor Protection: Impedance Protected, Reverse Polarity Protection
Mounting Orientation: Any

Designed specifically for thermal regulation in power electronics, the E34396-16 excels in variable frequency drive (VFD) and inverter cooling applications. Its compact form factor allows for seamless installation in server racks, telecommunication cabinets, and industrial automation control panels. The E34396-16 ensures continuous operation of sensitive components by effectively dissipating heat generated during power conversion processes.

Supplemental Images


Nidec
MODEL
E34396-16
JBY
12VDC
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MADE IN VIETNAM