M60R24MGAB-51Z40 Nidec 24VDC 0.08A 60x60x15mm Axial Fan Datasheet

Brand: Nidec

SKU: 731152514317

Category: Axial & Centrifugal Fans

Price: **$17.99**

E-mail: sales@equipspares.com

Web: https://www.equipspares.com

Product Page:
https://www.equipspares.com/product/m60r24mgab-51z40-nidec-24vdc-0-08a-60x60x15mm-axial-fan

Product Description

The Nidec M60R24MGAB-51Z40 is a DC Axial Fan engineered for precision thermal management in space-constrained industrial environments. Utilizing advanced DC brushless motor technology, this unit minimizes thermal impedance while maintaining structural rigidity through its UL94V-0 reinforced housing. The aerodynamic impeller design is optimized for stable laminar flow, ensuring efficient heat dissipation across critical components. Its sophisticated bearing architecture is designed for long-term reliability and low acoustic signatures, making it an ideal solution for continuous duty cycles where consistent airflow and minimal maintenance are paramount for system longevity.

Model Number: M60R24MGAB-51Z40
Brand: Nidec
Product Type: DC Axial Fan
Rated Voltage: 24VDC
Voltage Range: 14.0 - 27.6 VDC
Rated Current: 0.08 A
Power: 1.92W
Rated Speed: 3800 RPM
Bearing Type: Dual Ball Bearing
Max. Air Flow: 16.2 CFM (27.5 m^3/h / 0.46 m^3/min)

Max. Static Pressure: 3.5 mmH_2O (34.3 Pa / 0.14 inH_2O)
Dimensions: 60x60x15mm
Weight: 45g
Life Expectancy: 70,000 Hours
Housing Material: UL94V-0 Plastic
Blade Material: UL94V-0 Plastic
Termination: 2-Wire Lead
Operating Temperature: -10 to +70 C
Storage Temperature: -40 to +75 C
Protection Features: Locked Rotor Protection, Reverse Polarity Protection
Certifications: UL, CE, TUV

The M60R24MGAB-51Z40 is specifically designed for integration into compact electronic enclosures and telecommunications equipment where vertical space is limited. Its 15mm profile allows the M60R24MGAB-51Z40 to be utilized in medical diagnostic devices, industrial power supplies, and server rack cooling modules. The unit provides reliable thermal regulation for CNC controllers and automated laboratory instrumentation, ensuring operational stability in demanding 24/7 environments.

Supplemental Images