08015SS-24K-AA-00 NMB 24VDC 80x80x15mm Low Profile Axial Fan Datasheet

Brand: NMB

SKU: 900497343273

Category: Axial & Centrifugal Fans

Price: **$16.99**

E-mail: sales@equipspares.com

Web: https://www.equipspares.com

Product Page:
https://www.equipspares.com/product/08015ss-24k-aa-00-nmb-24vdc-80x80x15mm-low-profile-axial-fan

Product Description

The NMB 08015SS-24K-AA-00 is a precision-engineered DC Axial Fan designed for space-constrained thermal management applications requiring a slim profile. Operating at a rated voltage of 24VDC, this unit integrates NMB's advanced motor technology to deliver consistent airflow while minimizing electromagnetic interference and vibration. The 80x80x15mm frame is constructed from durable reinforced thermoplastic, offering high structural rigidity and resistance to thermal stress in industrial environments. Its aerodynamic impeller design optimizes static pressure capabilities, effectively reducing thermal impedance in dense electronic enclosures. Engineered for operational reliability, the motor assembly ensures stable performance, making it a robust solution for critical cooling requirements in automation and computing hardware.

Model Number: 08015SS-24K-AA-00
Brand: NMB-MAT (MinebeaMitsumi)
Product Type: DC Axial Fan
Rated Voltage: 24 VDC
Voltage Range: 14.0 - 27.6 VDC
Rated Current: 0.07 A
Power Consumption: 1.68 W
Rated Speed: 2800 RPM

Bearing Type: Precision Sleeve Bearing
Max. Air Flow: 26.5 CFM (0.75 m^3/min)
Max. Static Pressure: 2.3 mmH_2O (22.5 Pa / 0.09 inH_2O)
Dimensions: 80 x 80 x 15 mm
Weight: 65 g
Life Expectancy: 30,000 Hours at 25°C
Noise Level: 29.0 dB-A
Housing Material: Plastic (UL94V-0)
Impeller Material: Plastic (UL94V-0)
Termination: Lead Wires (2-Wire)
Operating Temperature: -10°C to +70°C
Storage Temperature: -40°C to +70°C
Mounting Orientation: Any
Ingress Protection: IP20
Insulation Resistance: 10M Ohms min @ 500VDC
Dielectric Strength: 500VAC for 1 min

The 08015SS-24K-AA-00 is engineered for integration into compact electronic assemblies where vertical clearance is strictly limited. Common deployment environments include rack-mounted server chassis, industrial power supply units, and telecommunications equipment requiring reliable forced-air convection. The 08015SS-24K-AA-00 is also frequently utilized in medical instrumentation, workstation cooling, and CNC control panels to maintain optimal operating temperatures for sensitive semiconductor components.

Supplemental Images