06025SA-24R-AA-D0 NMB 24VDC 0.15A 60x60x25mm Axial Fan Datasheet

Brand: NMB

SKU: 1026744545273

Category: Axial & Centrifugal Fans

Price: **$17.99**

E-mail: sales@equipspares.com

Web: https://www.equipspares.com

Product Page:
https://www.equipspares.com/product/06025sa-24r-aa-d0-nmb-24vdc-0-15a-60x60x25mm-axial-fan

Product Description

The NMB-MAT 06025SA-24R-AA-D0 is a DC Axial Fan engineered for precision thermal management in high-density electronic environments. Utilizing a brushless DC motor architecture, this unit minimizes thermal impedance through optimized blade geometry and a robust dual ball bearing system. The structural rigidity of the PBT housing ensures dimensional stability under varying thermal loads, while the aerodynamic design maximizes laminar flow efficiency. This component is designed for continuous duty cycles, offering exceptional reliability and low acoustic signatures for critical industrial applications requiring consistent volumetric airflow and static pressure performance.

Model Number: 06025SA-24R-AA-D0
Brand: NMB-MAT
Product Type: Axial Fan
Rated Voltage: 24VDC
Voltage Range: 14.0 - 27.6 VDC
Rated Current: 0.15A
Power: 3.6W
Rated Speed: 4500 RPM
Bearing Type: Dual Ball Bearing
Max. Air Flow: 21.2 CFM (0.60 m^3/min)

Max. Static Pressure: 5.6 mmH_2O (55.0 Pa / 0.22 inH_2O)
Dimensions: 60x60x25mm
Weight: 65g
Life Expectancy: 70,000 hours
Noise Level: 34.0 dBA
Housing Material: PBT Plastic (UL94V-0)
Blade Material: PBT Plastic (UL94V-0)
Termination: 2-Lead Wires
Operating Temperature: -10°C to +70°C
Storage Temperature: -40°C to +70°C
Protection: Auto Restart, Polarity Protection
Insulation Resistance: 10M Ohm min. at 500VDC

The 06025SA-24R-AA-D0 is primarily utilized in server enclosures, industrial power supplies, and telecommunications infrastructure where space-constrained cooling is vital. Its compact 60mm profile makes the 06025SA-24R-AA-D0 an ideal choice for medical diagnostic equipment and CNC control cabinets that demand long-term operational stability and precise heat dissipation.

Supplemental Images