

06025VA-24Q-CA-00 NMB 24VDC 60x60x25mm Axial Fan Datasheet



Brand: NMB

SKU: [984108807102](#)

Category: Axial & Centrifugal Fans

Price: **\$19.99**

E-mail: sales@equipspares.com

Web: <https://www.equipspares.com>

Product Page:

<https://www.equipspares.com/product/06025va-24q-ca-00-nmb-24vdc-60x60x25mm-axial-fan>

Product Description

The NMB 06025VA-24Q-CA-00 is a DC Axial Fan engineered for high-density thermal management applications requiring sustained airflow and static pressure. Manufactured by MinebeaMitsumi, this unit integrates precision dual ball bearing architecture to minimize frictional coefficients and extend operational service life under continuous loads. The aerodynamic impeller design optimizes the P-Q curve, ensuring efficient heat dissipation in restricted environments while maintaining structural rigidity through a reinforced PBT housing. This component is specifically calibrated for industrial reliability, offering low thermal impedance and robust performance in variable voltage conditions.

Model Number: 06025VA-24Q-CA-00

Brand: NMB-MAT (MinebeaMitsumi)

Product Type: DC Axial Fan

Rated Voltage: 24VDC

Voltage Range: 14.0 - 27.6 VDC

Rated Current: 0.35 A

Input Power: 8.4 W

Rated Speed: 6800 RPM

Bearing Type: Dual Ball Bearing

Max. Air Flow: 38.14 CFM (64.8 m³/h / 1.08 m³/min)

Max. Static Pressure: 13.76 mmH₂O (135 Pa / 0.54 inH₂O)

Dimensions: 60 x 60 x 25 mm

Weight: 65 g

Life Expectancy: 70,000 Hours @ 40°C (L10)

Noise Level: 46.5 dBA

Housing Material: Plastic (PBT) UL94V-0

Impeller Material: Plastic (PBT) UL94V-0

Operating Temperature: -10°C to +70°C

Storage Temperature: -40°C to +70°C

Termination: Lead Wires (UL1007 AWG24)

Protection: Auto Restart / Polarity Protection

Insulation Resistance: 10M Ohm Min. at 500VDC

Dielectric Strength: 700VAC for 1 sec

Safety Certifications: UL, CSA, TUV, VDE

The 06025VA-24Q-CA-00 is extensively utilized in industrial automation equipment, specifically designed for cooling variable frequency drives (VFDs) and power inverters where reliable heat extraction is critical. Its compact form factor and high static pressure capabilities make it ideal for rack-mounted server chassis, telecommunications power supplies, and precision medical instrumentation. Engineers frequently specify the 06025VA-24Q-CA-00 for CNC control cabinets and network switchgear to prevent thermal throttling and ensure system longevity in 24/7 operational environments.

Supplemental Images

