

12038VA-24R-GA-04 NMB 24VDC 120x120x38mm Axial Fan Datasheet



Brand: NMB

SKU: 978253196480

Category: Axial & Centrifugal Fans

Price: \$29.99

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Product Page:

<https://www.equipspares.com/product/12038va-24r-ga-04-nmb-24vdc-120x120x38mm-axial-fan>

Product Description

The NMB 12038VA-24R-GA-04 is a precision-engineered Axial Fan designed for critical thermal management in high-density industrial environments. Utilizing advanced DC brushless motor technology paired with NMB's proprietary dual ball bearing architecture, this unit ensures minimal friction and extended operational longevity under continuous load. The aerodynamic impeller design optimizes airflow dynamics to reduce thermal impedance, while the reinforced frame provides structural rigidity necessary for high-vibration applications. This cooling solution delivers exceptional static pressure capabilities, making it ideal for overcoming system resistance in tightly packed enclosures.

Model Number: 12038VA-24R-GA-04

Brand: NMB-MAT (Minebea)

Product Type: Axial Fan

Rated Voltage: 24VDC

Voltage Range: 14.0 - 27.6 VDC

Rated Current: 1.77 A

Power Consumption: 42.48 W

Rated Speed: 5800 RPM

Bearing Type: Dual Ball Bearing

Max. Air Flow: 260.0 CFM (441.7 m³/h / 7.36 m³/min)

Max. Static Pressure: 28.5 mmH₂O (279.5 Pa / 1.12 inH₂O)

Dimensions: 120x120x38mm

Weight: 450 g

Life Expectancy: 70000 hrs at 40°C

Termination: 2-Wire Lead

Housing Material: PBT (UL94V-0)

Blade Material: PA66 (UL94V-0)

Operating Temperature: -10°C to +70°C

Storage Temperature: -40°C to +70°C

Noise Level: 66.5 dBA

Ingress Protection: IP20

Mounting Orientation: Any

Motor Protection: Locked Rotor Protection, Reverse Polarity

This high-performance cooling component is specifically engineered for demanding applications such as variable frequency drive (VFD) inverters and high-density server racks where rapid heat dissipation is mandatory. The 12038VA-24R-GA-04 excels in telecommunications equipment and industrial automation cabinets, ensuring component stability during peak operational cycles. By integrating the 12038VA-24R-GA-04 into CNC machinery or power supply units, operators can maintain optimal thermal envelopes and prevent thermal throttling in restricted airflow environments.

Supplemental Images

