

04020VA-24M-CL-01 NMB 24VDC 40x40x20mm Axial Fan Datasheet



Brand: NMB

SKU: [975870150485](#)

Category: Axial & Centrifugal Fans

Price: **\$34.99**

E-mail: sales@equipspares.com

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

Product Page:

<https://www.equipspares.com/product/04020va-24m-cl-01-nmb-24vdc-40x40x20mm-axial-fan>

Product Description

The NMB 04020VA-24M-CL-01 is a precision-engineered DC axial fan designed for critical thermal management in compact industrial enclosures. Manufactured by MinebeaMitsumi, this unit integrates dual precision ball bearings to ensure minimal frictional coefficient and extended operational longevity under continuous load. The aerodynamic impeller geometry is optimized to balance static pressure with airflow, effectively reducing thermal impedance in high-density electronic assemblies. Constructed with a reinforced PBT housing, it offers superior structural rigidity and vibration damping, making it an ideal solution for maintaining system stability in demanding environments.

Model Number: 04020VA-24M-CL-01

Brand: NMB-MAT (MinebeaMitsumi)

Product Type: DC Axial Fan

Rated Voltage: 24V DC

Voltage Range: 14.0 - 27.6 VDC

Rated Current: 0.07 A

Input Power: 1.68 W

Rated Speed: 7500 RPM

Bearing Type: Dual Ball Bearing

Max. Air Flow: 9.2 CFM (15.6 m³/h / 0.26 m³/min)

Max. Static Pressure: 5.5 mmH₂O (54 Pa / 0.21 inH₂O)

Dimensions: 40x40x20mm

Weight: 25 g

Life Expectancy: 100,000 Hours at 25°C

Noise Level: 29.0 dB(A)

Housing Material: Polybutylene Terephthalate (PBT) UL94V-0

Impeller Material: Polybutylene Terephthalate (PBT) UL94V-0

Ingress Protection: IP40

Insulation Class: Class E

Operating Temperature: -10°C to +70°C

Storage Temperature: -40°C to +70°C

Termination: Lead Wires (UL1007 AWG26)

Direction of Rotation: Clockwise (Viewed from Label)

Airflow Direction: Exhaust Over Struts

Motor Protection: Auto Restart / Polarity Protection

Engineered for reliability, the 04020VA-24M-CL-01 is frequently deployed in 1U server rack cooling modules, telecommunications switching gear, and compact industrial automation controllers. The compact 40mm footprint allows the 04020VA-24M-CL-01 to fit seamlessly into tight chassis configurations found in medical diagnostic equipment and CNC control panels, where consistent airflow is required to prevent component thermal throttling.

Supplemental Images

