

04020VA-24P-BL-01 NMB 24VDC 40x40x20mm 3-Wire Axial Fan Datasheet



Brand: NMB

SKU: 964989553933

Category: Axial & Centrifugal Fans

Price: \$17.99

E-mail: sales@equipspares.com

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Product Page:

<https://www.equipspares.com/product/04020va-24p-bl-01-nmb-24vdc-40x40x20mm-3-wire-axial-fan>

Product Description

The NMB 04020VA-24P-BL-01 is a precision-engineered axial cooling fan designed for high-reliability industrial applications. Manufactured by MinebeaMitsumi (NMB-MAT), this component utilizes advanced motor technology to deliver consistent airflow while maintaining optimal thermal impedance within compact enclosures. Its structural rigidity and aerodynamic blade profile ensure efficient heat dissipation, making it an essential component for maintaining the operational stability of sensitive electronic drive systems. The unit features a robust dual ball bearing architecture designed for longevity and continuous operation under demanding thermal loads.

Model Number: 04020VA-24P-BL-01

Brand: NMB-MAT (MinebeaMitsumi)

Product Type: Axial Cooling Fan

Rated Voltage: 24V DC

Voltage Range: 14.0 - 27.6 VDC

Rated Current: 0.13 A

Power Consumption: 3.12 W

Rated Speed: 9500 RPM

Bearing Type: Dual Ball Bearing

Max. Air Flow: 10.9 CFM (18.5 m³/h)

Max. Static Pressure: 0.31 inH₂O (77 Pa)

Dimensions: 40 x 40 x 20 mm

Weight: 25 g

Life Expectancy: 60,000 Hours at 40°C

Noise Level: 34.0 dB(A)

Housing Material: PBT Plastic (UL94V-0)

Impeller Material: PBT Plastic (UL94V-0)

Termination: 3-Wire Lead (Red +, Black -, White Signal)

Signal Output: Tachometer / Speed Sensor

Operating Temperature: -10°C to +70°C

Storage Temperature: -40°C to +70°C

Ingress Protection: IP40

Application: Yaskawa Drive Replacement

Mounting Orientation: Any

This cooling solution is specifically calibrated for integration into industrial automation equipment, including Yaskawa servo drives and variable frequency drives where the 04020VA-24P-BL-01 ensures critical thermal regulation. The compact form factor allows the 04020VA-24P-BL-01 to fit seamlessly into high-density control cabinets, CNC machinery, and telecommunications hardware. Its reliability makes it suitable for continuous duty cycles in manufacturing environments requiring precise temperature control to prevent component failure.

Supplemental Images

