

12038VA-24Q-FA-04 NMB 24VDC 120x120x38mm 1.20A Axial Fan Datasheet



Brand: NMB

SKU: [971817046398](#)

Category: Axial & Centrifugal Fans

Price: **\$24.99**

E-mail: sales@equipspares.com

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

Product Page:

<https://www.equipspares.com/product/12038va-24q-fa-04-nmb-24vdc-120x120x38mm-1-20a-axial-fan>

Product Description

The NMB 12038VA-24Q-FA-04 is a precision-engineered Axial Fan designed for critical thermal management in high-density industrial environments. Manufactured by MinebeaMitsumi, this unit features a robust DC motor architecture integrated with a dual ball bearing system to minimize friction and extend operational longevity under continuous load. The aerodynamic impeller design optimizes airflow efficiency while maintaining structural rigidity, effectively reducing thermal impedance in restricted enclosures. This component is specifically calibrated for high-static pressure applications, ensuring reliable heat dissipation for sensitive electronic components.

Model: 12038VA-24Q-FA-04

Brand: NMB-MAT (MinebeaMitsumi)

Product Type: DC Axial Fan

Rated Voltage: 24 VDC

Voltage Range: 14.0 - 27.6 VDC

Rated Current: 1.20 A

Input Power: 28.8 W

Rated Speed: 4200 RPM

Bearing Type: Dual Ball Bearing

Max. Air Flow: 160.0 CFM (271.8 m³/h)

Max. Static Pressure: 18.5 mmH₂O (181.4 Pa / 0.73 inH₂O)

Dimensions: 120 x 120 x 38 mm

Weight: 290 g

Housing Material: PBT Plastic (UL94V-0)

Impeller Material: PBT Plastic (UL94V-0)

Termination: 2-Wire Lead

Operating Temperature: -10°C to +70°C

Storage Temperature: -40°C to +70°C

Life Expectancy: 100,000 Hours at 25°C

Noise Level: 56.0 dB(A)

Protection: Locked Rotor Protection, Reverse Polarity Protection

The 12038VA-24Q-FA-04 is engineered for demanding cooling scenarios such as rack-mounted servers, telecommunications cabinets, and industrial automation power supplies. Its high-pressure output makes the 12038VA-24Q-FA-04 particularly effective in systems with high impedance airflow paths, such as dense heatsinks or filtered enclosures, ensuring consistent thermal stability for mission-critical hardware.

Supplemental Images

