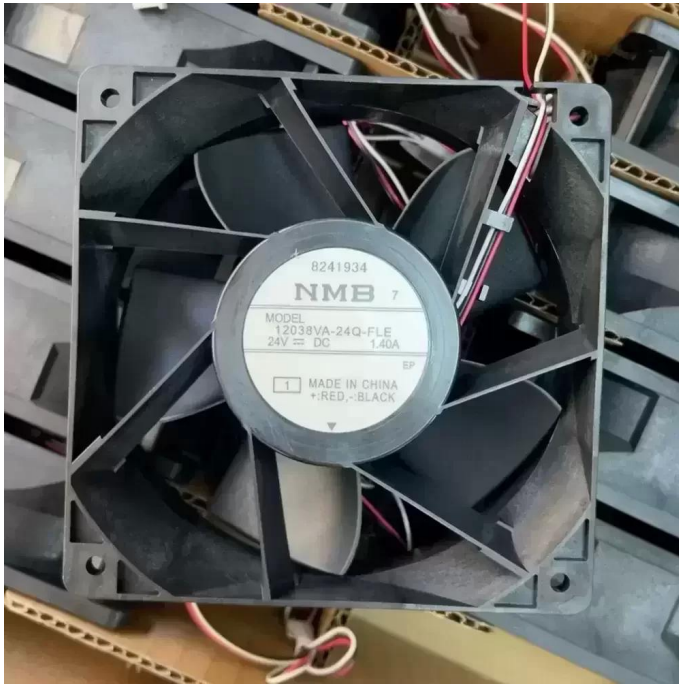


12038VA-24Q-FLE-1 NMB 24VDC 120x120x38mm 1.40A Axial Fan Datasheet



Brand: NMB

SKU: [863362147979](#)

Category: Axial & Centrifugal Fans

Price: **\$32.99**

E-mail: sales@equipspares.com

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

Product Page:

<https://www.equipspares.com/product/12038va-24q-fle-1-nmb-24vdc-120x120x38mm-1-40a-axial-fan>

Product Description

The NMB 12038VA-24Q-FLE-1 is a robust DC axial fan engineered by MinebeaMitsumi for critical industrial and telecommunications applications requiring substantial airflow and static pressure. Designed with a 120mm frame and a depth of 38mm, this unit utilizes advanced aerodynamic impeller geometry to minimize turbulence while maximizing air throughput against high system impedance. The motor assembly features a precision-wound stator and a durable dual ball bearing architecture, ensuring exceptional rotational stability and longevity even under continuous high-speed operation. With a significant power rating driven by its 1.40A current draw, this fan is optimized for heat dissipation in densely packed electronic enclosures, offering superior thermal impedance management and structural rigidity compliant with industrial standards.

Model Number: 12038VA-24Q-FLE-1

Brand: NMB (MinebeaMitsumi)

Product Type: DC Axial Fan

Rated Voltage: 24 VDC

Voltage Range: 14.0 - 27.6 VDC

Rated Current: 1.40 A

Input Power: 33.6 W

Rated Speed: 5300 RPM

Max. Air Flow: 210.0 CFM (356.8 m³/h / 5.94 m³/min)

Max. Static Pressure: 23.5 mmH₂O (230 Pa / 0.92 inH₂O)

Bearing Type: Dual Ball Bearing

Dimensions: 120 x 120 x 38 mm

Weight: 370 g

Noise Level: 62.0 dB(A)

Housing Material: PBT Plastic (UL94V-0)

Impeller Material: PBT Plastic (UL94V-0)

Ingress Protection: IP20 (Standard)

Insulation Class: Class E

Operating Temperature: -10°C to +70°C

Storage Temperature: -40°C to +70°C

Life Expectancy: 100,000 Hours (at 25°C)

Termination: Lead Wires (Red +, Black -)

Mounting Orientation: Any

Motor Protection: Locked Rotor Protection, Reverse Polarity Protection

The 12038VA-24Q-FLE-1 is specifically designed for high-demand environments such as enterprise server racks, RAID storage arrays, and large-scale telecommunications cabinets where backpressure is a significant factor. Its high-torque motor allows the 12038VA-24Q-FLE-1 to maintain consistent airflow through restrictive filters and heat sinks found in industrial automation equipment and CNC machinery. Additionally, this model is frequently utilized in power supply cooling and medical instrumentation, providing the reliability required for mission-critical thermal management systems.

Supplemental Images

