12038VA-24Q-FUE-9 NMB 24VDC 120x120x38mm Axial Fan Datasheet

Brand: NMB

SKU: 853482429976

Category: Axial & Centrifugal Fans

Price: **$28.99**

E-mail: sales@equipspares.com

Web: https://www.equipspares.com

Product Page:
https://www.equipspares.com/product/12038va-24q-fue-9-nmb-24vdc-120x120x38mm-axial-fan

Product Description

The NMB 12038VA-24Q-FUE-9 is a high-capacity DC axial fan engineered for demanding industrial thermal management applications. Manufactured by MinebeaMitsumi, this unit integrates precision dual ball bearing architecture to ensure rotational stability and extended operational service life under continuous load. The aerodynamic impeller design optimizes airflow delivery while maintaining structural rigidity against back-pressure, significantly reducing thermal impedance in high-density electronic enclosures. Its robust construction meets rigorous standards for vibration resistance and reliability, making it suitable for critical cooling infrastructure.

Model Number: 12038VA-24Q-FUE-9
Brand: NMB-MAT (MinebeaMitsumi)
Product Type: DC Axial Fan
Rated Voltage: 24V DC
Voltage Range: 14.0 - 27.6 VDC
Rated Current: 1.40 A
Input Power: 33.6 W
Rated Speed: 4400 RPM
Bearing Type: Dual Ball Bearing
Max. Air Flow: 168.0 CFM (285.4 m^3/h / 4.75 m^3/min)
Max. Static Pressure: 18.5 mmH_2O (181.4 Pa / 0.73 inH_2O)

Dimensions: 120 x 120 x 38 mm
Weight: 290 g
Life Expectancy: 70,000 Hours at 40°C
Noise Level: 56.5 dB(A)
Housing Material: PBT Plastic (UL94V-0)
Impeller Material: PBT Plastic (UL94V-0)
Operating Temperature: -10°C to +70°C
Storage Temperature: -40°C to +70°C
Termination: Lead Wires
Protection: Locked Rotor Protection, Reverse Polarity Protection
Safety Certifications: UL, CSA, TUV, VDE

The 12038VA-24Q-FUE-9 is specifically designed for high-static pressure environments such as server rack cooling, telecommunications cabinets, and industrial power supply units. Its robust airflow capabilities make it ideal for forced convection in CNC machinery and medical instrumentation where heat dissipation is critical. Engineers frequently select the 12038VA-24Q-FUE-9 for systems requiring consistent performance and long-term reliability in 24/7 operational cycles.

Supplemental Images