

12038VA-24Q-FUE-8 NMB 24V 120x120x38mm DC Axial Fan

SKU: 12038VA-24Q-FUE-8

Price: \$24.99

Categories: Fans

Tags: NMB

Product Link:

<https://www.electspares.com/product/12038va-24q-fue-8-nmb-24v-120x120x38mm-dc-axial-fan/>

Product Description

The NMB 12038VA-24Q-FUE-8 is a high-performance 24V DC Axial Fan with dimensions of 120 x 120 x 38 mm, specifically engineered for mission-critical cooling in Industrial Frequency Converters and high-density server environments. Driven by a high-torque brushless motor with precision dual ball bearings, this 370.0 g unit operates within a 14.0 - 27.6 VDC range, delivering a Max. Power Consumption of 24.96 W and a Max. Current Draw of 1.40 A at a rated speed of 5700 RPM. This High-performance unit features a specialized 5-blade aerodynamic impeller designed for extreme pressure stability, achieving a Max. Air Flow of 366.6 m³/h (215.77 CFM / 6.11 m³/min) and a Max. Static Pressure of 29.26 mmH₂O (287.0 Pa / 1.15 inH₂O). Featuring a maintenance-free structure and integrated PWM speed control with FG signal feedback, this IP54-rated fan is optimized for environments requiring extreme pressure stability and intelligent airflow management in industrial VFD and power electronics systems at the end.

12038VA-24Q-FUE-8 Fan Parameters

Model Number: 12038VA-24Q-FUE-8

Manufacturer: NMB Technologies Corporation

Type: DC Axial Fan

Impeller Size: 119 mm

Dimensions: 120 x 120 x 38 mm

Weight: 370.0 g

Bearing Type: Dual ball bearing

Nominal Voltage: 24 VDC

Voltage Range: 14.0 - 27.6 VDC

Max. Current Draw: 1.40 A

Max. Power Consumption: 24.96 W

Rated Speed: 5700 RPM

Max. Air Flow: 215.77 CFM (366.6 m³/h / 6.11 m³/min)

Max. Static Pressure: 29.26 mmH₂O (287.0 Pa / 1.15 inH₂O)

Working Air Flow: 366.6 m³/h

Static Pressure Increase: 287.0 Pa

Control / Signal Output: PWM Speed Control / FG Speed Signal

Motor Protection: Polarity and locked-rotor protection; Auto-restart

Insulation Class: Class E

Degree of Protection: IP54

Electrical Hookup: 4-Wires (Lead wires, AWG#24)

Number of Blades: 5

Direction of Rotation: Clockwise (viewed toward rotor)

Impeller Material: Thermoplastic PBT (UL 94V-0)

Frame Material: Thermoplastic PBT (UL 94V-0)

Sound Pressure Level: 63.0 dB(A)

Service Life: 40,000 h (at 60 °C)

Operating Temperature: -10 - +70 °C

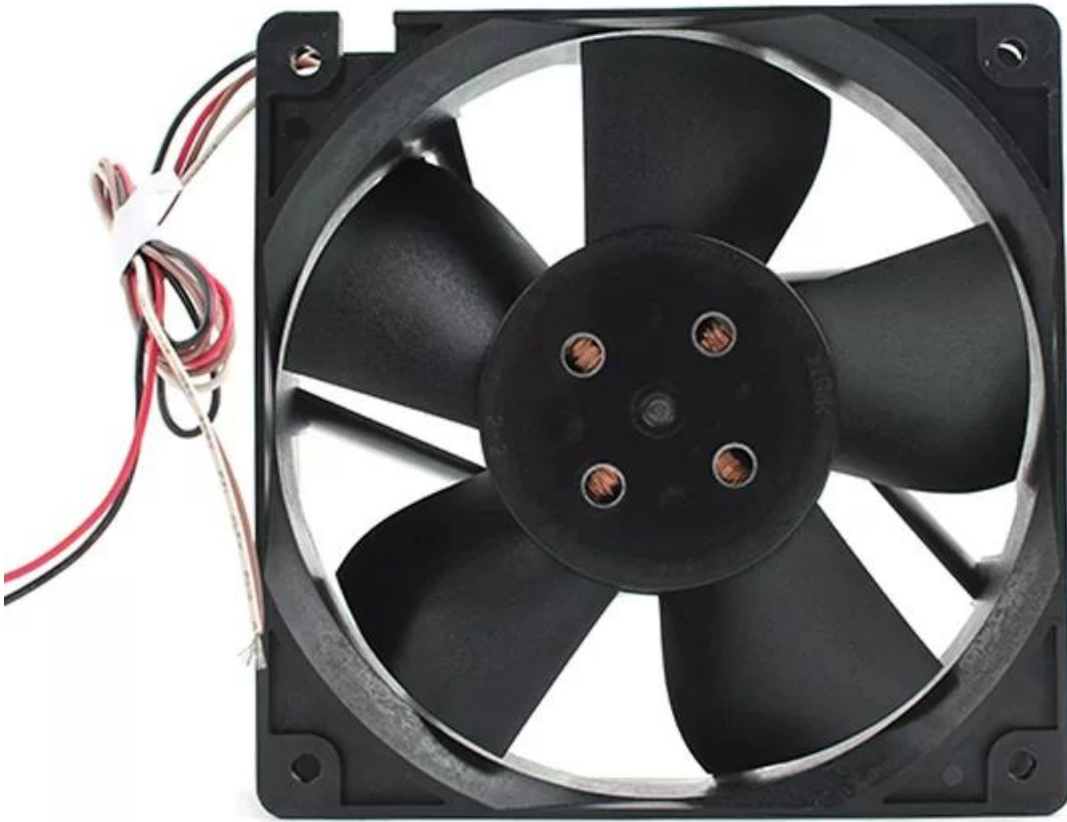
Standard Compliance: CE; UL; CSA; VDE

Application

The NMB 12038VA-24Q-FUE-8 axial fan is the primary cooling component for high-power industrial frequency converters, data center racks, and large-scale power supply units requiring PWM speed control and high-pressure stability in 24VDC environments.

Product Images







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