

09238RA-24M-FL-02 NMB 24VDC 0.73A 92x38mm Axial Fan Datasheet



Brand: NMB

SKU: [924203764607](#)

Category: Axial & Centrifugal Fans

Price: **\$32.99**

E-mail: sales@equipspares.com

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Product Description

The NMB 09238RA-24M-FL-02 is a precision-engineered axial cooling fan designed for demanding thermal management applications. Manufactured by NMB Technologies, this unit features a robust thermoplastic housing and an advanced impeller design that optimizes aerodynamic efficiency while minimizing turbulence-induced noise. The fan utilizes a durable double ball bearing system, ensuring exceptional longevity and structural rigidity even under continuous operation. Operating at 24VDC with a current draw of 0.73A, it delivers high static pressure capabilities, making it ideal for overcoming high thermal impedance in densely packed electronic enclosures. The inclusion of a 3-wire interface supports tachometer signal output for real-time speed monitoring.

Model Number: 09238RA-24M-FL-02

Brand: NMB Technologies

Product Type: Axial Fan

Rated Voltage: 24VDC

Voltage Range: 14.0 - 27.6 VDC

Rated Current: 0.73 A

Power Input: 17.52 W

Rated Speed: 4200 RPM

Bearing Type: Double Ball Bearing

Max. Air Flow: 92.5 CFM (157.1 m³/h / 2.62 m³/min)

Max. Static Pressure: 11.43 mmH₂O (112 Pa / 0.45 inH₂O)

Dimensions: 92x92x38mm

Weight: 230 g

Life Expectancy: 100,000 Hours @ 25°C

Termination: 3-Wire Leads

Sensor Type: Tachometer Output (FG Signal)

Housing Material: Plastic (UL94V-0)

Impeller Material: Plastic (UL94V-0)

Operating Temperature: -10°C to +70°C

Storage Temperature: -40°C to +70°C

Noise Level: 48.5 dBA

Ingress Protection: IP20

Mounting Orientation: Any

The 09238RA-24M-FL-02 is engineered for critical cooling in industrial and telecommunications environments where reliability is paramount. Common deployments include server rack cooling, power supply units, and industrial automation control panels requiring sustained airflow. The 09238RA-24M-FL-02 is also frequently utilized in medical instrumentation and network switches, where its compact 92mm form factor and high static pressure capabilities effectively dissipate heat from sensitive components.

Supplemental Images

