

08038RA-24Q-FA-03 NMB 24VDC 80x80x38mm Cooling Fan Datasheet



Brand: NMB

SKU: [894498527809](#)

Category: Axial & Centrifugal Fans

Price: **\$29.99**

E-mail: sales@equipspares.com

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

Product Page:

<https://www.equipspares.com/product/08038ra-24q-fa-03-nmb-24vdc-80x80x38mm-cooling-fan>

Product Description

The NMB 08038RA-24Q-FA-03 is a precision-engineered Axial Fan designed for critical thermal management in industrial electronics. Utilizing advanced DC motor technology and a robust dual ball bearing architecture, this unit ensures sustained operational stability under high static pressure requirements. The aerodynamic impeller design minimizes turbulence while maximizing airflow efficiency, significantly reducing thermal impedance within dense enclosures. Constructed with high-rigidity materials, the frame maintains structural integrity during continuous operation, making it an ideal solution for demanding cooling applications requiring reliability and longevity.

Model Number: 08038RA-24Q-FA-03

Brand: NMB-MAT (MinebeaMitsumi)

Product Type: DC Axial Fan

Rated Voltage: 24 VDC

Voltage Range: 14.0 - 27.6 VDC

Rated Current: 0.80 A

Power Consumption: 19.2 W

Rated Speed: 6500 RPM

Bearing Type: Dual Ball Bearing

Max. Air Flow: 85.0 CFM (144.4 m³/h / 2.41 m³/min)

Max. Static Pressure: 16.5 mmH₂O (161.8 Pa / 0.65 inH₂O)

Dimensions: 80 x 80 x 38 mm

Weight: 260 g

Life Expectancy: 70,000 Hours at 40°C

Termination: 2-Wire Lead (Red +, Black -)

Housing Material: Plastic (UL94V-0)

Impeller Material: Plastic (UL94V-0)

Operating Temperature: -10°C to +70°C

Storage Temperature: -40°C to +70°C

Mounting Orientation: Any

Ingress Protection: IP20

Application: Schneider Inverter Cooling

The 08038RA-24Q-FA-03 is specifically engineered for high-demand industrial environments, serving as a primary cooling component for Schneider frequency inverters and variable speed drives. Its high-pressure output makes it suitable for densely packed server racks, telecommunications equipment, and CNC control cabinets where airflow resistance is a factor. By maintaining optimal operating temperatures, the 08038RA-24Q-FA-03 prevents thermal throttling in power electronics and extends the service life of sensitive components in automation systems.

Supplemental Images

