

09238RA-24M-FTD-Y1 NMB 24VDC 92x92x38mm 0.73A Axial Fan Datasheet



Brand: NMB

SKU: [968416070335](#)

Category: Axial & Centrifugal Fans

Price: **\$35.99**

E-mail: sales@equipspares.com

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

Product Page:

<https://www.equipspares.com/product/09238ra-24m-ftd-y1-nmb-24vdc-92x92x38mm-0-73a-axial-fan>

Product Description

The NMB 09238RA-24M-FTD-Y1 is a precision-engineered axial fan designed for demanding thermal management applications requiring substantial airflow and static pressure. Utilizing an advanced DC brushless motor architecture paired with a robust dual ball bearing system, this unit ensures minimized friction and extended operational longevity under continuous loads. The aerodynamic impeller design optimizes airflow delivery while maintaining structural rigidity, effectively reducing thermal impedance in high-density electronic enclosures. Engineered for reliability, the 09238RA-24M-FTD-Y1 provides consistent cooling performance, making it an ideal component for critical industrial and server-grade environments requiring stable air exchange and vibration resistance.

Model Number: 09238RA-24M-FTD-Y1

Brand: NMB-MAT (MinebeaMitsumi)

Product Type: DC Axial Fan

Rated Voltage: 24V DC

Voltage Range: 14.0 - 27.6 VDC

Rated Current: 0.73 A

Input Power: 17.52 W

Rated Speed: 4800 RPM (Nominal)

Bearing Type: Dual Ball Bearing

Max. Air Flow: 110.5 CFM (187.7 m³/h / 3.12 m³/min)

Max. Static Pressure: 14.2 mmH₂O (139.2 Pa / 0.56 inH₂O)

Dimensions: 92 x 92 x 38 mm

Weight: 230 g

Life Expectancy: 70,000 Hours at 40°C

Termination: 3-Wire (Lead Wire with Tachometer Sensor)

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

Ingress Protection: IP20 (Standard)

Insulation Resistance: 10M Ohm at 500VDC

Dielectric Strength: 700VAC for 3 Seconds

Motor Protection: Locked Rotor Protection, Reverse Polarity Protection

Mounting Orientation: Any (Vertical/Horizontal)

This high-performance cooling solution is specifically engineered for integration into enterprise-grade server racks, telecommunications base stations, and industrial automation control panels where heat dissipation is critical. The 09238RA-24M-FTD-Y1 excels in restricted spaces requiring high static pressure to overcome system resistance, such as dense component arrays and power supply units. Additionally, the 09238RA-24M-FTD-Y1 is suitable for medical instrumentation and CNC machinery, ensuring thermal stability for sensitive electronics during prolonged operation cycles.

Supplemental Images

