09238RA-24N-FA NMB-MAT 24VDC 92x92x38mm Axial Fan Datasheet

Brand: NMB

SKU: 685425034167

Category: Axial & Centrifugal Fans

Price: **$34.99**

E-mail: sales@equipspares.com

Web: https://www.equipspares.com

Product Page:
https://www.equipspares.com/product/09238ra-24n-fa-nmb-mat-24vdc-92x92x38mm-axial-fan

Product Description

The NMB-MAT 09238RA-24N-FA is a high-performance Axial Fan engineered for rigorous thermal management in demanding industrial environments. Utilizing advanced DC Brushless motor technology and a precision Dual Ball Bearing architecture, this unit is designed to lower thermal impedance within high-density electronic enclosures. The aerodynamic impeller design maximizes static pressure capabilities while maintaining structural rigidity, ensuring consistent operation under significant load. Its robust construction ensures long-term reliability, making it an optimal solution for mitigating heat accumulation in critical power conversion systems.

Model Number: 09238RA-24N-FA
Brand: NMB-MAT (MinebeaMitsumi)
Product Type: DC Axial Fan
Rated Voltage: 24 VDC
Voltage Range: 14.0 - 27.6 VDC
Rated Current: 0.93 A
Power Consumption: 22.32 W
Rated Speed: 5500 RPM
Bearing Type: Dual Ball Bearing
Max. Air Flow: 110.0 CFM (187.0 m^3/h / 3.11 m^3/min)
Max. Static Pressure: 16.5 mmH_2O (161.8 Pa / 0.65 inH_2O)

Dimensions: 92 x 92 x 38 mm
Weight: 210 g
Noise Level: 56.0 dB(A)
Housing Material: Plastic (UL94V-0)
Impeller Material: Plastic (UL94V-0)
Operating Temperature: -10°C to +70°C
Storage Temperature: -40°C to +70°C
Life Expectancy: 100,000 Hours (at 25°C)
Termination: Lead Wires
Speed Control: Not specified
Protection: Locked Rotor Protection, Reverse Polarity Protection

The 09238RA-24N-FA is specifically calibrated for applications requiring high airflow and static pressure, such as industrial variable frequency drives (VFDs) and power inverters. By effectively dissipating heat from sensitive power electronics, the 09238RA-24N-FA prevents thermal throttling in server racks, CNC machine control cabinets, and telecommunication rectification systems, ensuring continuous uptime and operational stability.

Supplemental Images


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NMB
MODEL
09238RA-24N-FA
24V DC 0.93A
EP
01
MADE IN CHINA
+:RED, -:BLACK