

9225SA-24Q-AA-E00 NMB 24VDC 92x92x25mm 0.26A Axial Fan Datasheet



Brand: NMB

SKU: [998444882307](#)

Category: Axial & Centrifugal Fans

Price: **\$12.99**

E-mail: sales@equipspares.com

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Product Page:

<https://www.equipspares.com/product/9225sa-24q-aa-e00-nmb-24vdc-92x92x25mm-0-26a-axial-fan>

Product Description

The NMB 9225SA-24Q-AA-E00 is a precision-engineered Axial Fan designed for critical thermal management in industrial environments. Utilizing advanced Double Ball Bearing architecture, this unit ensures minimal friction and extended operational lifespan under continuous load, significantly outperforming sleeve bearing alternatives in high-temperature scenarios. The aerodynamic impeller design optimizes static pressure delivery while maintaining low acoustic resonance, effectively reducing thermal impedance in dense enclosures. Constructed with high-grade Polybutylene Terephthalate (PBT) for structural rigidity and flame resistance, the fan operates efficiently at 24VDC. Its robust motor assembly provides reliable torque and consistent rotational stability, making it an ideal solution for maintaining system integrity in demanding electronic applications.

Model Number: 9225SA-24Q-AA-E00

Brand: NMB-MAT (MinebeaMitsumi)

Product Type: DC Axial Fan

Rated Voltage: 24VDC

Voltage Range: 14.0 - 27.6 VDC

Rated Current: 0.26 A

Power Consumption: 6.24 W

Rated Speed: 3900 RPM

Bearing Type: Double Ball Bearing

Max. Air Flow: 65.0 CFM (110.4 m³/h / 1.84 m³/min)

Max. Static Pressure: 6.8 mmH₂O (66.7 Pa / 0.27 inH₂O)

Dimensions: 92x92x25mm

Weight: 95 g

Life Expectancy: 70,000 Hours at 40°C

Noise Level: 41.0 dBA

Housing Material: Polybutylene Terephthalate (PBT) UL94V-0

Impeller Material: Polybutylene Terephthalate (PBT) UL94V-0

Termination: 2-Wire Lead

Operating Temperature: -10°C to +70°C

Storage Temperature: -40°C to +70°C

Ingress Protection: IP40

Insulation Resistance: 10M Ohm at 500VDC

Dielectric Strength: 700VAC for 1 Second

Motor Protection: Locked Rotor Protection, Reverse Polarity Protection

Mounting Orientation: Any

This cooling solution is specifically engineered for high-reliability environments such as industrial automation control panels, variable frequency drive (VFD) inverters, and server chassis cooling. The 9225SA-24Q-AA-E00 excels in restricted spaces where consistent airflow is required to dissipate heat from power electronics and sensitive components. By integrating the 9225SA-24Q-AA-E00 into equipment racks, CNC machinery, or telecommunications cabinets, operators ensure optimal thermal regulation, preventing overheating during continuous-duty cycles and extending the service life of critical hardware.

Supplemental Images

