

08025SA-12R-AL-D2 NMB 12VDC 0.50A 80x80x25mm Axial Fan Datasheet



Brand: NMB

SKU: 957285621583

Category: Axial & Centrifugal Fans

Price: **\$16.99**

E-mail: sales@equipspares.com

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Product Page:

<https://www.equipspares.com/product/08025sa-12r-al-d2-nmb-12vdc-0-50a-80x80x25mm-axial-fan>

Product Description

The NMB 08025SA-12R-AL-D2 is a DC Axial Fan engineered for demanding thermal management applications. Utilizing a sophisticated brushless DC motor and a precision dual ball bearing architecture, this unit ensures exceptional structural rigidity and minimized thermal impedance during continuous operation. Its aerodynamic impeller design is optimized for high-pressure airflow delivery while maintaining acoustic stability. The 08025SA-12R-AL-D2 incorporates advanced electronic commutation to provide reliable performance in environments requiring consistent heat dissipation and long-term mechanical durability.

Model Number: 08025SA-12R-AL-D2

Brand: NMB (MinebeaMitsumi)

Product Type: Axial Fan

Rated Voltage: 12VDC

Voltage Range: 6.0 - 13.8 VDC

Rated Current: 0.50A

Power: 6.0W

Rated Speed: 4500 RPM

Bearing Type: Dual Ball Bearing

Max. Air Flow: 52.9 CFM (1.50 m³/min)

Max. Static Pressure: 78.4 Pa (0.31 inH₂O)

Dimensions: 80x80x25mm

Weight: 95g

Life Expectancy: 70,000 Hours

Speed Control: Tachometer (FG Signal)

Termination: 3-Lead Wires

Housing Material: Plastic (UL94V-0)

Blade Material: Plastic (UL94V-0)

Operating Temperature: -10°C to +70°C

Protection: Locked Rotor Protection, Reverse Polarity Protection

The NMB 08025SA-12R-AL-D2 is ideally suited for integration into high-density server enclosures and telecommunications infrastructure where reliable active cooling is critical. Its robust construction makes the 08025SA-12R-AL-D2 a preferred choice for industrial power supplies, CNC control cabinets, and medical diagnostic equipment. The fan's precise airflow characteristics ensure optimal component temperatures in network switches and workstation chassis.

Supplemental Images

