

# 08025SA-24P-AT-D2 NMB 24V 80x80x25mm DC Axial Fan

**SKU:** 08025SA-24P-AT-D2

**Price:** \$17.99

**Categories:** Fans

**Tags:** NMB

**Product Link:**

<https://www.electspares.com/product/08025sa-24p-at-d2-nmb-24v-80x80x25mm-dc-axial-fan/>

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## Product Description

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The NMB 08025SA-24P-AT-D2 is a high-performance 24VDC DC Axial Fan with dimensions of 80 x 80 x 25 mm, specifically engineered for mission-critical cooling in Industrial Frequency Converters and specialized power electronics. Driven by a high-torque brushless motor with precision dual ball bearings, this 85.0 g unit operates within a 14.0 - 27.6 VDC range, delivering a Max. Power Consumption of 3.60 W and a Max. Current Draw of 0.15 A at a rated speed of 3500 RPM. This High-performance unit features a 7-blade aerodynamic impeller designed for maximum static pressure, achieving a Max. Air Flow of 79.8 m<sup>3</sup>/h (46.97 CFM / 1.33 m<sup>3</sup>/min) and a Max. Static Pressure of 5.15 mmH<sub>2</sub>O (50.50 Pa / 0.20 inAq). Featuring a maintenance-free structure and integrated RD alarm signal output, this IP54-rated fan is optimized for environments requiring high-pressure stability and real-time failure monitoring in industrial VFD and power electronics systems at the end.

08025SA-24P-AT-D2 Fan Parameters

Model Number: 08025SA-24P-AT-D2

Manufacturer: NMB Technologies Corporation

Type: DC Axial Fan

Impeller Size: 80 mm

Dimensions: 80 x 80 x 25 mm

Weight: 85.0 g

Bearing Type: Dual ball bearing

Nominal Voltage: 24 VDC

Voltage Range: 14.0 - 27.6 VDC

Max. Current Draw: 0.15 A

Max. Power Consumption: 3.60 W

Rated Speed: 3500 RPM  
Max. Air Flow: 46.97 CFM (79.8 m<sup>3</sup>/h / 1.33 m<sup>3</sup>/min)  
Max. Static Pressure: 5.15 mmH<sub>2</sub>O (50.50 Pa / 0.20 inAq)  
Working Air Flow: 79.8 m<sup>3</sup>/h  
Static Pressure Increase: 50.50 Pa  
Control / Signal Output: RD (Locked Rotor Alarm Signal)  
Motor Protection: Polarity and locked-rotor protection; Auto-restart  
Insulation Class: Class E  
Degree of Protection: IP54  
Electrical Hookup: 3-Wires (Lead wires, AWG#24)  
Number of Blades: 7  
Direction of Rotation: Clockwise (viewed toward rotor)  
Impeller Material: Thermoplastic PBT (UL 94V-0)  
Frame Material: Thermoplastic PBT (UL 94V-0)  
Sound Pressure Level: 34.0 dB(A)  
Service Life: 70,000 h (at 40 °C)  
Operating Temperature: -10 - +70 °C  
Standard Compliance: CE; UL; CSA; VDE

#### Application

The NMB 08025SA-24P-AT-D2 axial fan is the primary cooling component for industrial frequency converters, communication equipment, and high-density power modules requiring locked-rotor alarm feedback and high-pressure stability in 24VDC environments.

## Product Images

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Scan for product details:

