

# 08025SS-12N-AT-D1 NMB 12VDC 0.21A 80x80x25mm Axial Fan Datasheet



**Brand:** NMB

**SKU:** [1042302783402](#)

**Category:** Axial & Centrifugal Fans

**Price:** **\$18.49**

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Product Page:

<https://www.equipspares.com/product/08025ss-12n-at-d1-nmb-12vdc-0-21a-80x80x25mm-axial-fan>

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## Product Description

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NMB 08025SS-12N-AT-D1 is an 80 x 80 x 25 mm axial cooling fan operating at a nominal 12 VDC with a 0.21 A current draw. The unit features a high-performance sleeve bearing system and a 3-wire interface providing a tachometer signal for speed monitoring. Constructed with a UL 94V-0 reinforced PBT plastic frame and impeller, it delivers an airflow of 1.17 m<sup>3</sup>/min (41.3 CFM) at a rotational speed of 3100 RPM. The internal motor architecture includes polarity protection and an auto-restart function to prevent thermal damage during locked rotor conditions.

### 08025SS-12N-AT-D1 Specifications

Model: 08025SS-12N-AT-D1

Brand: NMB (MinebeaMitsumi)

Dimensions: 80 x 80 x 25 mm

Nominal Voltage: 12 VDC

Operating Voltage: 6.0 to 13.8 VDC

Rated Current: 0.21 A

Input Power: 2.52 W

Rated Speed: 3100 RPM

Maximum Airflow: 41.3 CFM (1.17 m<sup>3</sup>/min)

Static Pressure: 37.5 Pa

Noise Level: 30.0 dB

Bearing Type: Sleeve Bearing

Termination: 3-wire (Red: +, Black: -, White: Tachometer)

Frame Material: Plastic (PBT) UL 94V-0

Impeller Material: Plastic (PBT) UL 94V-0

Operating Temperature: -10 to +70 °C

Storage Temperature: -40 to +70 °C

Expected Life: 40,000 hours at 60 °C

Mass: 95 g

Safety Approvals: UL, CSA, VDE, CE

#### 08025SS-12N-AT-D1 Applications

Primary applications include integration into digital projector thermal modules, frequency inverter cooling systems, and server rack ventilation units. Deployed within telecommunications power supplies and industrial control cabinets to maintain optimal operating temperatures for sensitive electronic components.

## Supplemental Images

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