

08020SA-24N-FA-01 NMB 24VDC 0.15A 80x20mm DC Axial Fan Datasheet



Brand: NMB

SKU: [1037703142837](#)

Category: Axial & Centrifugal Fans

Price: **\$19.99**

E-mail: sales@equipspares.com

Web: <https://www.equipspares.com>

Product Page:

<https://www.equipspares.com/product/08020sa-24n-fa-01-nmb-24vdc-0-15a-80x20mm-dc-axial-fan>

Product Description

NMB 08020SA-24N-FA-01 is an 80 mm x 80 mm x 20 mm DC axial fan delivering a nominal 24 VDC and generating a primary output of 42.4 CFM. Constructed with a durable plastic housing and impeller, this unit operates at 4000 RPM while maintaining a noise profile of 40.5 dBA and a maximum static pressure of 53 Pa. The hardware features a flange mount design, a standard 2 wire lead interface, and a precision dual ball bearing mechanism rated for a lifespan of 40000 hours at 60 °C. Internal circuitry includes integrated auto-restart and polarity protection to ensure stable electromechanical operation.

08020SA-24N-FA-01 Specifications

Model Number: 08020SA-24N-FA-01

Brand: NMB (MinebeaMitsumi)

Product Category: DC Axial Fan

Nominal Voltage: 24 VDC

Rated Current: 0.15 A

Calculated Power: 3.6 W

Frame Dimensions: 80 mm x 80 mm x 20 mm

Maximum Airflow: 42.4 CFM (1.2 m³/min)

Maximum Static Pressure: 53 Pa (0.21 inH₂O)

Rated Speed: 4000 RPM

Acoustic Noise: 40.5 dBA

Bearing System: Dual Ball Bearing

Termination: 2 Wire Leads

Mounting Configuration: Flange Mount

Frame Material: Plastic

Impeller Material: Plastic

Life Expectancy (L10): 40000 Hours @ 60 °C

Motor Protection: Auto Restart, Polarity Protection

Mass/Weight: 80 g

08020SA-24N-FA-01 Applications

Primary applications include integration into industrial control panels, CNC spindle cooling systems, and telecom base station enclosures. Deployed within automated factory equipment, server racks, and high-capacity power supply units requiring continuous thermal management under dense spatial constraints.

Supplemental Images

