

04020VA-05Q-AT-01 NMB 5V 0.55A 40x40x20mm DC Axial Fan Datasheet



Brand: NMB

SKU: [1036916863790](#)

Category: Axial & Centrifugal Fans

Price: **\$17.99**

E-mail: sales@equipspares.com

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

Product Page:

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Product Description

The NMB 04020VA-05Q-AT-01 is a compact DC axial fan featuring 40 mm x 40 mm x 20 mm physical dimensions, a 5 VDC nominal voltage, and a maximum airflow capacity of 12 CFM. Constructed with a durable plastic frame and impeller, this unit utilizes a dual ball bearing mechanism to ensure a life expectancy of 40,000 hours at 60 °C. It operates at a high rotational speed of 10000 RPM, generating 123 Pa of static pressure while consuming 2.75 W of input power. The fan integrates a 3-wire interface with a dedicated tachometer output for precise speed monitoring and thermal regulation.

04020VA-05Q-AT-01 Specifications

Model Number: 04020VA-05Q-AT-01

Brand: NMB Technologies

Product Category: DC Axial Fan

Frame Dimensions: 40 mm x 40 mm x 20 mm

Nominal Voltage: 5 VDC

Operating Voltage Range: 4.5 VDC to 5.5 VDC

Maximum Current: 0.55 A

Nominal Current: 0.42 A

Input Power: 2.75 W

Maximum Air Flow: 12 CFM (0.34 m³/min)

Maximum Static Pressure: 0.494 inH₂O (123 Pa)

Fan Speed: 10000 RPM

Noise Level: 38 dB

Bearing Type: Ball Bearing

Life Expectancy: 40,000 hours at 60 °C

Interface: 3-Wire

Output Signal: Tachometer Output

Mass: 40 g

04020VA-05Q-AT-01 Applications

Primary applications include integration into compact power supplies, telecommunications networking hardware, and industrial control panels requiring active thermal management. Deployed within CNC machine spindle drives, automated test equipment, and server rack enclosures to maintain optimal operating temperatures for high-density electronic components.

Supplemental Images

