

# 09533GA-24Q-BB-03 NMB 24VDC 1.14A 97x33mm Centrifugal Blower Datasheet



**Brand:** NMB

**SKU:** [1041023171494](#)

**Category:** Axial & Centrifugal Fans

**Price:** **\$19.71**

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Product Page:

<https://www.equipspares.com/product/09533ga-24q-bb-03-nmb-24vdc-1-14a-97x33mm-centrifugal-blower>

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## Product Description

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NMB 09533GA-24Q-BB-03 is a 97 x 97 x 33 mm DC centrifugal blower operating at 24 VDC with a 1.14 A current rating and 27.36 W power consumption. The unit features a dual ball bearing system and a 3-wire interface providing a tachometer signal for real-time speed monitoring. Constructed with a UL 94V-0 reinforced plastic housing and impeller, it delivers a maximum airflow of 1.25 m<sup>3</sup>/min and a static pressure of 600 Pa. The internal brushless motor includes auto-restart and polarity protection mechanisms to ensure operational stability under high-impedance conditions.

### 09533GA-24Q-BB-03 Specifications

Model: 09533GA-24Q-BB-03

Brand: NMB (MinebeaMitsumi)

Category: DC Centrifugal Blower

Frame Size: 97 x 97 x 33 mm

Nominal Voltage: 24 VDC

Operating Voltage: 10.0 to 27.6 VDC

Current: 1.14 A

Input Power: 27.36 W

Speed: 5400 RPM

Max Air Flow: 44.1 CFM

Max Static Pressure: 2.41 inH<sub>2</sub>O

Noise Level: 61.0 dB

Bearing Type: Dual Ball Bearing

Termination: 3-wire Lead Wires

Material (Casing): Plastic (UL 94V-0)

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

Operating Temperature: -10 to +70 °C

Storage Temperature: -40 to +70 °C

Expected Life: 70,000 hours (at 40 °C)

Weight: 180 g

Protection: Auto Restart, Polarity Protection

09533GA-24Q-BB-03 Applications

Primary applications include integration into server rack cooling systems, telecommunications base station thermal management, and medical diagnostic equipment ventilation. Deployed within industrial laser power supplies and high-density electronic enclosures requiring concentrated static pressure for heat dissipation.

## Supplemental Images

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