

# 9BMB12H201 Sanyo Denki 12VDC 1.1A 97x33mm Blower Fan Datasheet



**Brand:** Sanyo Denki

**SKU:** [966787752409](#)

**Category:** Axial & Centrifugal Fans

**Price:** **\$25.99**

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Product Page:

<https://www.equipspares.com/product/9bmb12h201-sanyo-denki-12vdc-1-1a-97x33mm-blower-fan>

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## Product Description

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The Sanyo Denki 9BMB12H201 is a precision-engineered centrifugal blower designed for high-impedance cooling applications requiring concentrated airflow. Part of the renowned San Ace series, this unit utilizes advanced DC motor technology paired with a dual ball bearing architecture to ensure exceptional structural rigidity and operational longevity. The aerodynamic impeller design maximizes static pressure generation, making it ideal for overcoming significant thermal resistance in dense electronic enclosures. With a robust thermal profile and integrated pulse sensor feedback, the 9BMB12H201 delivers reliable performance in demanding industrial environments, maintaining optimal thermal equilibrium for critical components.

Model Number: 9BMB12H201

Brand: Sanyo Denki (San Ace)

Product Type: Centrifugal Blower / DC Fan

Rated Voltage: 12V DC

Voltage Range: 10.2 - 13.8 VDC

Rated Current: 1.1 A

Power Consumption: 13.2 W

Rated Speed: 4300 RPM

Bearing Type: Dual Ball Bearing

Max. Air Flow: 38.5 CFM (65.4 m<sup>3</sup>/h / 1.09 m<sup>3</sup>/min)

Max. Static Pressure: 56.1 mmH<sub>2</sub>O (550 Pa / 2.21 inH<sub>2</sub>O)

Dimensions: 97 x 97 x 33 mm

Weight: 190 g

Life Expectancy: 40,000 Hours at 60°C

Speed Control: Pulse Sensor (Tachometer Output)

Noise Level: 56 dB(A)

Housing Material: Plastic (UL94V-0)

Impeller Material: Plastic (UL94V-0)

Termination: 3-Wire Leads (Red +, Black -, Yellow Sensor)

Operating Temperature: -20°C to +70°C

Storage Temperature: -30°C to +70°C

Mounting Orientation: Any

Ingress Protection: IP40

Motor Protection: Locked Rotor Protection, Reverse Polarity Protection

Designed for high-density electronics, the 9BMB12H201 excels in server rack cooling and telecommunications equipment where back pressure is a critical factor. Its compact form factor allows for integration into 1U servers, industrial power supplies, and medical instrumentation requiring directed airflow. The 9BMB12H201 is also frequently utilized in CNC machinery and automation control cabinets to dissipate heat from drive controllers, ensuring continuous operation within safe thermal limits.