9BMC12P2G001 Sanyo Denki 12VDC 97x97x33mm PWM Blower Datasheet

Brand: Sanyo Denki

SKU: 1009391575663

Category: Axial & Centrifugal Fans

Price: **$34.99**

E-mail: sales@equipspares.com

Web: https://www.equipspares.com

Product Page:
https://www.equipspares.com/product/9bmc12p2g001-sanyo-denki-12vdc-97x97x33mm-pwm-blower

Product Description

The Sanyo Denki 9BMC12P2G001 is a high-performance Centrifugal Blower engineered for applications requiring extreme static pressure and concentrated airflow. Part of the San Ace 97 9BMC series, this unit features a robust DC motor architecture integrated with a precision dual ball bearing system, ensuring structural rigidity and operational longevity under high-load conditions. The aerodynamic impeller design is optimized to overcome high thermal impedance in dense electronic enclosures, delivering exceptional cooling efficiency. With a substantial power rating, this blower utilizes Pulse Width Modulation (PWM) for precise speed regulation, balancing acoustic performance with thermal dissipation requirements.

Model Number: 9BMC12P2G001
Brand: Sanyo Denki
Product Type: Centrifugal Blower
Series: San Ace 97 (9BMC)
Rated Voltage: 12 VDC
Voltage Range: 10.8 - 13.2 VDC
Rated Current: 6.2 A
Power Input: 74.4 W
Rated Speed: 5700 RPM
Bearing Type: Dual Ball Bearing

Max. Air Flow: 65.3 CFM (111 m^3/h / 1.85 m^3/min)
Max. Static Pressure: 198.8 mmH_2O (1950 Pa / 7.83 inH_2O)
Dimensions: 97x97x33mm
Noise Level: 69 dB(A)
Speed Control: PWM (Pulse Width Modulation)
Sensor: Pulse Sensor (Tachometer)
Termination: 4-Wire Lead
Frame Material: Plastic (UL94V-0)
Impeller Material: Plastic (UL94V-0)
Operating Temperature: -20°C to +70°C
Life Expectancy: 40,000 Hours (60°C)
Weight: 190 g

The 9BMC12P2G001 is specifically designed for high-impedance environments where standard axial fans fail to penetrate dense componentry. Common applications include cooling high-density server racks, enterprise storage systems, and industrial power supplies. The 9BMC12P2G001 is also frequently utilized in 3D printers and CNC machinery for rapid part cooling, as well as in telecommunications equipment requiring reliable forced air induction against significant back pressure.

Supplemental Images


PBT