9BMB24P2K01 Sanyo Denki 24VDC 1.62A 97x97x33mm Blower Datasheet

Brand: Sanyo Denki

SKU: 851689889835

Category: Axial & Centrifugal Fans

Price: **$64.99**

E-mail: sales@equipspares.com

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Product Page:
https://www.equipspares.com/product/9bmb24p2k01-sanyo-denki-24vdc-1-62a-97x97x33mm-blower

Product Description

Sanyo Denki 9BMB24P2K01 is a 24VDC 97x97x33mm Centrifugal Blower optimized for high-impedance thermal management in precision optical projection systems. This San Ace B97 series unit features a high-efficiency DC motor with a dual ball bearing architecture designed to minimize mechanical friction and extend service life in high-temperature environments. The aerodynamic impeller is engineered for maximum structural rigidity, allowing it to maintain stable airflow against significant backpressure. Operating at a rated current of 1.62A and a peak speed of 6500 RPM, this blower delivers a robust 580 Pa of static pressure, making it an essential component for maintaining the thermal equilibrium of high-lumen projector light engines and internal circuitry.

Model Number: 9BMB24P2K01
Brand: Sanyo Denki
Product Type: Centrifugal Blower
Rated Voltage: 24 VDC
Voltage Range: 14.0 - 27.6 VDC
Rated Current: 1.62 A
Power: 38.88 W
Rated Speed: 6500 RPM
Bearing Type: Dual Ball Bearing
Max. Air Flow: 58.3 CFM (1.65 m^3/min)

Max. Static Pressure: 59.1 mmH_2O (580 Pa / 2.33 inH_2O)
Dimensions: 97 x 97 x 33 mm
Weight: 190 g
Life Expectancy: 40,000 Hours at 60°C
Speed Control: PWM Control
Signal Output: Tachometer (Pulse Sensor)
Noise Level: 64 dB(A)
Housing Material: Plastic (UL94V-0)
Blade Material: Plastic (UL94V-0)
Termination: 4-Lead Wires
Operating Temperature: -20 to +70 °C
Storage Temperature: -30 to +70 °C
Protection Features: Locked Rotor Burnout Protection, Reverse Polarity Protection

9BMB24P2K01 Applications

1. High-Lumen Digital Projectors: Ideal replacement fan for Panasonic SLX16K and EX16K series to mitigate heat soak in optical engines.
2. High-Density Server Enclosures: Overcomes high system impedance in 2U/3U chassis where concentrated airflow is required for localized hotspots.
3. Industrial VFD Cooling: Provides the necessary static pressure to force air through tightly packed heat sink fins in variable frequency drives.

Supplemental Images


AIR FLOW