09533GA-24M-AU-03 NMB 24VDC 97x33mm 4-Wire Blower Fan Datasheet

Brand: NMB

SKU: 931188860705

Category: Axial & Centrifugal Fans

Price: **$23.99**

E-mail: sales@equipspares.com

Web: https://www.equipspares.com

Product Page:
https://www.equipspares.com/product/09533ga-24m-au-03-nmb-24vdc-97x33mm-4-wire-blower-fan

Product Description

The NMB 09533GA-24M-AU-03 is a Centrifugal Blower engineered for high-impedance thermal management systems requiring concentrated airflow and substantial static pressure. Utilizing MinebeaMitsumi's advanced precision ball bearing architecture, this unit ensures minimal frictional coefficient and extended operational longevity under continuous industrial loads. The aerodynamic scroll housing is constructed to optimize static pressure delivery, effectively overcoming high system resistance in dense electronic enclosures. Featuring a robust DC motor with 4-wire control integration for precise speed modulation, the 09533GA-24M-AU-03 maintains structural rigidity and thermal stability, making it a critical component for mission-critical cooling applications where reliability and performance density are paramount.

Model Number: 09533GA-24M-AU-03
Brand: NMB-MAT (MinebeaMitsumi)
Product Type: Centrifugal Blower
Rated Voltage: 24 VDC
Voltage Range: 14.0 - 27.6 VDC
Rated Current: 0.64 A
Power Input: 15.36 W
Rated Speed: 3600 RPM
Bearing Type: Dual Ball Bearing

Max. Air Flow: 29.6 CFM (50.3 m^3/h / 0.84 m^3/min)
Max. Static Pressure: 24.5 mmH_2O (240 Pa / 0.96 inH_2O)
Dimensions: 97 x 97 x 33 mm
Weight: 170 g
Life Expectancy: 100,000 Hours at 25°C
Termination: 4-Wire Leads
Housing Material: PBT Plastic (UL94V-0)
Impeller Material: PBT Plastic (UL94V-0)
Operating Temperature: -10°C to +70°C
Storage Temperature: -40°C to +70°C
Noise Level: 54.0 dB(A)
Speed Control: PWM / Tachometer
Safety Certifications: UL, CSA, TUV, VDE
Mounting Orientation: Any

Designed for high-static pressure environments, the 09533GA-24M-AU-03 is frequently deployed in variable frequency drive (VFD) inverters and industrial automation control panels where directed cooling is essential. The blower's compact form factor allows for integration into dense server racks and telecommunications equipment, ensuring efficient heat dissipation from sensitive components. Additionally, the 09533GA-24M-AU-03 serves reliably in medical instrumentation and CNC machinery, providing consistent airflow to maintain optimal operating temperatures in restricted spaces.

Supplemental Images