09225VE-24P-CT-01 NMB-MAT 24VDC 92x92x25mm 3-Wire Axial Fan Datasheet

Brand: NMB

SKU: 911343025801

Category: Axial & Centrifugal Fans

Price: **$32.99**

E-mail: sales@equipspares.com

Web: https://www.equipspares.com

Product Page:
https://www.equipspares.com/product/09225ve-24p-ct-01-nmb-mat-24vdc-92x92x25mm-3-wire-axial-fan

Product Description

The NMB-MAT 09225VE-24P-CT-01 is a precision-engineered DC axial fan designed for critical thermal management in industrial environments. Manufactured by MinebeaMitsumi, this unit leverages advanced dual ball bearing architecture to minimize friction and extend operational service life under continuous load. The aerodynamic impeller design optimizes airflow efficiency while maintaining structural rigidity, effectively reducing thermal impedance in high-density electronic enclosures. Its robust construction ensures reliability, making it suitable for applications requiring consistent static pressure and volumetric flow.

Model Number: 09225VE-24P-CT-01
Brand: NMB-MAT (MinebeaMitsumi)
Product Type: DC Axial Fan
Series: 09225VE (3610VE)
Rated Voltage: 24V DC
Voltage Range: 14.0 - 27.6 VDC
Rated Current: 0.37 A
Power Consumption: 8.88 W
Rated Speed: 4000 RPM (Nominal)
Bearing Type: Dual Ball Bearing
Max. Air Flow: 74.1 CFM (126 m^3/h / 2.1 m^3/min)

Max. Static Pressure: 8.6 mmH_2O (84.3 Pa / 0.34 inH_2O)
Dimensions: 92 x 92 x 25 mm
Weight: 95 g
Termination: 3-Wire Lead
Housing Material: Plastic (UL94V-0)
Impeller Material: Plastic (UL94V-0)
Operating Temperature: -10°C to +70°C
Storage Temperature: -40°C to +70°C
Noise Level: 44.5 dBA
Life Expectancy: 60,000 Hours at 25°C
Protection: Locked Rotor Protection, Polarity Protection

The 09225VE-24P-CT-01 is widely utilized in demanding industrial sectors, including server rack cooling, telecommunications infrastructure, and power supply ventilation. Its compact form factor allows for seamless integration into CNC control panels and medical instrumentation where space is premium but thermal dissipation cannot be compromised. Engineers frequently select the 09225VE-24P-CT-01 for automation equipment and network switches to ensure component longevity through effective heat evacuation.

Supplemental Images


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