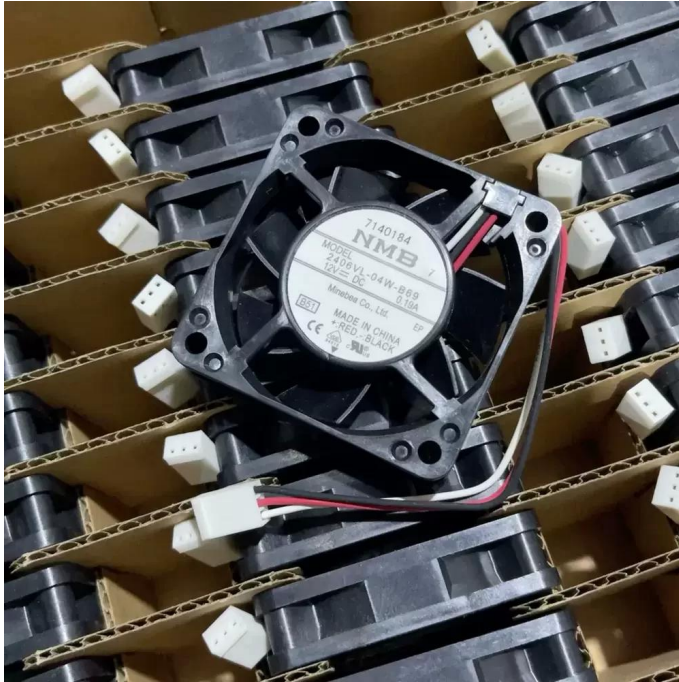


2406VL-04W-B69-B51 NMB-MAT 12VDC 60x60x15mm Axial Fan Datasheet



Brand: NMB

SKU: 1008522277333

Category: Axial & Centrifugal Fans

Price: **\$14.99**

E-mail: sales@equipspares.com

Web: <https://www.equipspares.com>

Product Page:

<https://www.equipspares.com/product/2406vl-04w-b69-b51-nmb-mat-12vdc-60x60x15mm-axial-fan>

Product Description

The NMB-MAT 2406VL-04W-B69-B51 is a precision-engineered DC Axial Fan designed for high-reliability thermal management in industrial and computing environments. Featuring advanced dual ball bearing architecture, this unit ensures minimal friction and extended operational lifespan under continuous load conditions. The aerodynamic impeller design optimizes static pressure delivery while maintaining low acoustic resonance, making it ideal for sensitive instrumentation. Its robust PBT housing provides superior structural rigidity, effectively mitigating vibration-induced noise and enhancing thermal impedance performance in dense electronic enclosures.

Model Number: 2406VL-04W-B69-B51

Brand: NMB-MAT (MinebeaMitsumi)

Product Type: DC Axial Fan

Rated Voltage: 12 VDC

Voltage Range: 6.0 - 13.8 VDC

Rated Current: 0.19 A

Power: 2.28 W

Rated Speed: 4600 RPM

Bearing Type: Dual Ball Bearing

Max. Air Flow: 18.0 CFM (30.6 m³/h / 0.51 m³/min)

Max. Static Pressure: 4.8 mmH₂O (47.1 Pa / 0.19 inH₂O)

Dimensions: 60 x 60 x 15 mm

Weight: 45 g

Life Expectancy: 60,000 Hours @ 25°C / 40,000 Hours @ 60°C

Noise Level: 34.0 dBA

Housing Material: PBT (UL94V-0)

Impeller Material: PBT (UL94V-0)

Termination: 2-Wire (Red/Black)

Operating Temperature: -10°C to +70°C

Storage Temperature: -40°C to +70°C

Ingress Protection: IP40

Safety Certifications: UL, CSA, TUV, VDE

Protection: Auto Restart, Polarity Protection

Designed for critical thermal regulation, the 2406VL-04W-B69-B51 is extensively utilized in variable frequency drives (VFDs) and industrial automation control panels where consistent airflow is paramount. This cooling solution is also well-suited for compact server racks, telecommunications equipment, and precision medical instrumentation requiring reliable heat dissipation. The 2406VL-04W-B69-B51 ensures operational stability in harsh environments, effectively preventing thermal throttling in high-density electronic assemblies.

Supplemental Images

