

# FBX14L48M3XC NMB-MAT 48VDC 0.27A 140x140x50mm Axial Fan Datasheet



**Brand:** NMB

**SKU:** [1020906529209](#)

**Category:** Axial & Centrifugal Fans

**Price:** **\$32.99**

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Product Page:

<https://www.equipspares.com/product/fbx14l48m3xc-nmb-mat-48vdc-0-27a-140x140x50mm-axial-fan>

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## Product Description

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The NMB-MAT FBX14L48M3XC is a precision-engineered Axial Fan designed for demanding industrial thermal management and high-reliability applications. Utilizing advanced DC motor technology housed within a robust aluminum casing, this unit ensures superior structural rigidity and optimized thermal impedance, allowing for effective heat dissipation even in harsh environments. The aerodynamic impeller design maximizes airflow efficiency while maintaining stable static pressure profiles, critical for overcoming system resistance. Engineered with NMB's signature bearing architecture, typically featuring high-grade dual ball bearings, it delivers exceptional longevity and reliability in continuous operation environments. This component is specifically calibrated for high-performance cooling in server racks, industrial inverters, and automation equipment where consistent thermal regulation is mandatory.

Model Number: FBX14L48M3XC

Brand: NMB-MAT (MinebeaMitsumi)

Product Type: DC Axial Fan

Rated Voltage: 48 VDC

Rated Current: 0.27 A

Power Consumption: 12.96 W

Frame Dimensions: 140mm Class

Dimensions: 140 x 140 x 50 mm

Housing Material: Aluminum (Alloy Frame)

Bearing Type: Dual Ball Bearing

Airflow Direction: Exhaust Over Struts

Termination: Lead Wires with Connector

Wire Count: 3-Wire

Operating Temperature: -10°C to +70°C

Mounting Type: Flange Mount

Application: Server, Inverter, Industrial Equipment

Status: New

The FBX14L48M3XC is engineered for critical cooling applications within industrial automation and telecommunications infrastructure. Its robust aluminum construction makes it ideal for variable frequency drives (VFDs) and high-density server racks where thermal stability is paramount. The FBX14L48M3XC also serves effectively in power supply units and heavy-duty inverters, ensuring consistent airflow to prevent thermal throttling in continuous-duty cycles.

## Supplemental Images

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