

15050VA-24R-FT-C1 NMB 24VDC 172x150x50mm 2.20A Axial Fan Datasheet



Brand: NMB

SKU: [749838483408](#)

Category: Axial & Centrifugal Fans

Price: **\$95.99**

E-mail: sales@equipspares.com

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Product Page:

<https://www.equipspares.com/product/15050va-24r-ft-c1-nmb-24vdc-172x150x50mm-2-20a-axial-fan>

Product Description

The NMB 15050VA-24R-FT-C1 is a robust Axial Fan engineered for critical industrial thermal management applications requiring high static pressure and durability. Utilizing advanced DC motor technology paired with a precision dual ball bearing architecture, this unit ensures minimal friction and extended operational longevity under continuous heavy loads. The aerodynamic impeller design optimizes airflow throughput while maintaining structural rigidity, effectively reducing thermal impedance in high-density enclosures. Housed in a die-cast aluminum frame, it offers superior resistance to vibrational stress and environmental factors, making it a reliable solution for complex cooling systems.

Model Number: 15050VA-24R-FT-C1

Brand: NMB-MAT (MinebeaMitsumi)

Product Type: DC Axial Fan

Rated Voltage: 24 VDC

Voltage Range: 18.0 - 27.6 VDC

Rated Current: 2.20 A

Input Power: 52.8 W

Rated Speed: 4300 RPM

Bearing Type: Dual Ball Bearing

Max. Air Flow: 285.0 CFM (484.2 m³/h / 8.07 m³/min)

Max. Static Pressure: 22.5 mmH₂O (220.6 Pa / 0.88 inH₂O)

Dimensions: 172 mm x 150 mm x 51 mm

Weight: 850 g

Life Expectancy: 100,000 Hours at 25C

Noise Level: 58.0 dB(A)

Housing Material: Aluminum Die-Cast

Impeller Material: Reinforced Plastic (UL94V-0)

Termination: 3-Wire Leads

Signal Output: Alarm Signal (Locked Rotor Sensor)

Ingress Protection: IP20

Operating Temperature: -10C to +70C

Storage Temperature: -40C to +70C

Mounting Orientation: Any

Safety Certifications: UL, CSA, TUV, CE

Designed specifically for high-power electronics, the 15050VA-24R-FT-C1 is frequently deployed in variable frequency drive (VFD) inverters and industrial power supply units where heat dissipation is paramount. Its high-velocity airflow profile makes the 15050VA-24R-FT-C1 an excellent choice for telecommunications cabinets, server rack cooling systems, and CNC machinery, ensuring critical components remain within safe operating temperature ranges.

Supplemental Images

