

15050VA-24R-ET-00 NMB 24VDC 172x150x50mm 2.20A Axial Fan Datasheet



Brand: NMB

SKU: 740920982033

Category: Axial & Centrifugal Fans

Price: \$100.99

E-mail: sales@equipspares.com

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

Product Page:

<https://www.equipspares.com/product/15050va-24r-et-00-nmb-24vdc-172x150x50mm-2-20a-axial-fan>

Product Description

The NMB 15050VA-24R-ET-00 is a robust DC Axial Fan engineered for high-static pressure industrial environments requiring superior thermal management. Utilizing advanced dual ball bearing architecture, this unit ensures minimal friction and extended operational longevity under continuous high-speed load. The aerodynamic impeller design optimizes airflow efficiency while maintaining structural rigidity, effectively reducing thermal impedance in densely packed electronic enclosures. Designed with a precision-wound DC motor, the 15050VA-24R-ET-00 delivers consistent torque and reliability, making it an essential component for critical cooling applications where component stability and heat dissipation are paramount.

Model Number: 15050VA-24R-ET-00

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: 5800 RPM

Bearing Type: Dual Ball Bearing

Max. Air Flow: 345.0 CFM (586.1 m³/h / 9.76 m³/min)

Max. Static Pressure: 32.5 mmH₂O (318.7 Pa / 1.28 inH₂O)

Dimensions: 172x150x50mm

Weight: 850 g

Life Expectancy: 100,000 Hours (L10 at 25°C)

Noise Level: 68.0 dB(A)

Housing Material: Aluminum Die-Cast

Impeller Material: Reinforced Plastic (UL94V-0)

Termination: 3-Wire Lead (Red +, Black -, White/Yellow Sensor)

Speed Control: Tachometer Output (Frequency Generator)

Operating Temperature: -10°C to +70°C

Storage Temperature: -40°C to +70°C

Ingress Protection: IP20

Insulation Class: Class E

Safety Certifications: UL, CSA, TUV, CE

Protection: Locked Rotor Protection, Reverse Polarity Protection

The 15050VA-24R-ET-00 is engineered for high-demand thermal regulation in mission-critical infrastructure such as telecommunications base stations, high-density server racks, and industrial automation control panels. Its robust airflow capabilities make it ideal for forced convection in power inverters and medical imaging equipment where reliability is non-negotiable. By integrating the 15050VA-24R-ET-00, facility managers ensure consistent cooling performance in variable frequency drive (VFD) cabinets and large-scale network switches, effectively mitigating thermal runaway risks in continuous-duty environments.

Supplemental Images

