

15050PA-24Q-FC-C1 NMB 24VDC 150x150x50mm Axial Fan Datasheet



Brand: NMB

SKU: [987223883925](#)

Category: Axial & Centrifugal Fans

Price: **\$60.99**

E-mail: sales@equipspares.com

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Product Page:

<https://www.equipspares.com/product/15050pa-24q-fc-c1-nmb-24vdc-150x150x50mm-axial-fan>

Product Description

The NMB 15050PA-24Q-FC-C1 is a high-capacity DC Axial Fan engineered for critical thermal management in industrial electronics and power conversion systems. Utilizing NMB's proprietary precision dual ball bearing technology, this unit ensures minimal friction coefficients and extended operational longevity under continuous heavy loads. The aerodynamic impeller design optimizes static pressure delivery while maintaining low thermal impedance within the system enclosure. Encased in a robust aluminum die-cast housing providing superior structural rigidity, the 15050PA-24Q-FC-C1 effectively dissipates heat in high-density environments, ensuring reliable performance for sensitive components against thermal throttling.

Model Number: 15050PA-24Q-FC-C1

Brand: NMB (MinebeaMitsumi)

Product Type: DC Axial Fan

Rated Voltage: 24 VDC

Voltage Range: 14.0 - 27.6 VDC

Rated Current: 1.25 A

Input Power: 30.0 W

Rated Speed: 3600 RPM

Bearing Type: Precision Dual Ball Bearing

Max. Air Flow: 235.0 CFM (399.2 m³/h / 6.65 m³/min)

Max. Static Pressure: 18.5 mmH₂O (181.4 Pa / 0.73 inH₂O)

Dimensions: 150mm x 150mm x 50mm

Weight: 850 g

Frame Material: Aluminum Die-Cast

Impeller Material: Reinforced Plastic (UL94V-0)

Noise Level: 56.0 dB(A)

Life Expectancy: 100,000 Hours at 25°C

Operating Temperature: -10°C to +70°C

Storage Temperature: -40°C to +70°C

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

Ingress Protection: IP20

Safety Certifications: UL, CSA, TUV, CE

Motor Protection: Locked Rotor Protection, Reverse Polarity Protection

Speed Control: Tachometer Output

Designed for rigorous industrial environments, the 15050PA-24Q-FC-C1 is primarily utilized in variable frequency drives (VFDs) and heavy-duty power inverters to maintain optimal operating temperatures. This unit is also essential for telecommunications infrastructure, server rack cooling, and CNC control cabinets where high static pressure is required. By integrating the 15050PA-24Q-FC-C1, facility managers ensure consistent thermal regulation in automation systems and medical diagnostic equipment.

Supplemental Images

