

M34313-16 Nidec 24VDC 0.16A 60x60x25mm Axial Fan Datasheet



Brand: Nidec

SKU: [903449819213](#)

Category: Axial & Centrifugal Fans

Price: **\$12.99**

E-mail: sales@equipspares.com

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

Product Page:

<https://www.equipspares.com/product/m34313-16-nidec-24vdc-0-16a-60x60x25mm-axial-fan>

Product Description

The Nidec M34313-16 is a high-precision DC axial fan engineered for critical thermal management in industrial environments. Utilizing advanced brushless motor technology, this unit minimizes thermal impedance while maintaining structural rigidity under continuous duty cycles. The aerodynamic impeller design is optimized for high static pressure, ensuring efficient heat dissipation through dense heat sinks and restricted enclosures. Its robust construction and specialized bearing architecture provide long-term stability and low vibration, making it an essential component for maintaining the operational integrity of sensitive power electronics and automated control systems.

Model Number: M34313-16

Brand: Nidec

Product Type: Axial Fan

Rated Voltage: 24VDC

Voltage Range: 14.0 - 27.6 VDC

Rated Current: 0.16A

Power: 3.84W

Rated Speed: 4500 RPM

Bearing Type: Dual Ball Bearing

Max. Air Flow: 23.5 CFM (39.9 m³/h)

Max. Static Pressure: 5.4 mmH₂O (53.0 Pa)

Dimensions: 60x60x25mm

Weight: 65g

Life Expectancy: 70,000 Hours at 40°C

Housing Material: UL94V-0 PBT Plastic

Blade Material: UL94V-0 PBT Plastic

Termination: 2-Wire Lead Wires

Operating Temperature: -10°C to +70°C

Storage Temperature: -40°C to +75°C

Protection Features: Locked Rotor Protection, Reverse Polarity Protection

Insulation Class: Class A

Certifications: UL, CSA, TUV, CE

The Nidec M34313-16 is specifically designed for integration into frequency converters and industrial inverters where consistent airflow is vital for power module cooling. In addition to motor drives, the M34313-16 is frequently deployed in telecommunications base stations, server power supplies, and medical diagnostic equipment. Its compact 60mm form factor allows for versatile mounting in space-constrained control cabinets and CNC machinery, ensuring that the M34313-16 delivers reliable performance in demanding 24/7 applications.

Supplemental Images

