

# D04R-24TH 66B(EX) Nidec 24VDC 0.08A 40x40x15mm Axial Fan Datasheet



**Brand:** Nidec

**SKU:** 717326340778

**Category:** Axial & Centrifugal Fans

**Price:** **\$16.99**

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Product Page:

<https://www.equipspares.com/product/d04r-24th-66bex-nidec-24vdc-0-08a-40x40x15mm-axial-fan>

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## Product Description

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The Nidec D04R-24TH 66B(EX) is a precision Axial Fan engineered for critical thermal management in industrial environments. Utilizing advanced DC brushless motor technology and a robust dual ball bearing architecture, this unit ensures long-term reliability and minimal thermal impedance. Its aerodynamic impeller design is optimized for high static pressure and efficient airflow, maintaining structural rigidity under continuous operation. The 3-wire configuration provides essential tachometer feedback for system monitoring, making it an ideal solution for sensitive electronic cooling where uptime is paramount and thermal stability is required.

Model Number: D04R-24TH 66B(EX)

Brand: Nidec

Product Type: Axial Fan

Rated Voltage: 24VDC

Voltage Range: 20.4 - 27.6 VDC

Rated Current: 0.08A

Power: 1.92W

Rated Speed: 6500 RPM

Bearing Type: Dual Ball Bearing

Max. Air Flow: 7.8 CFM (13.2 m<sup>3</sup>/h / 0.22 m<sup>3</sup>/min)

Max. Static Pressure: 5.2 mmH<sub>2</sub>O (51.0 Pa / 0.20 inH<sub>2</sub>O)

Dimensions: 40x40x15mm

Weight: 25g

Life Expectancy: 70,000 Hours at 40°C

Speed Control: Tachometer (FG Signal)

Noise Level: 32.0 dBA

Housing Material: Plastic (UL94V-0)

Blade Material: Plastic (UL94V-0)

Termination: 3-Lead Wires

Operating Temperature: -10°C to +70°C

Storage Temperature: -40°C to +75°C

Insulation Class: Class A

Protection Features: Locked Rotor Protection, Reverse Polarity Protection

Certifications: UL, CSA, TUV, CE, RoHS

The Nidec D04R-24TH 66B(EX) is specifically designed for integration into high-demand industrial equipment such as frequency inverters and commercial printing systems. Its compact 40mm form factor allows the D04R-24TH 66B(EX) to be deployed in space-constrained environments including CNC controller cabinets, medical diagnostic tools, and telecommunications modules. By providing consistent localized cooling, it prevents thermal throttling in power supplies and server rack components, ensuring the operational longevity of the host system.

## Supplemental Images

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