

# D07F-24SG Nidec 24VDC 75x75x30mm 0.15A Blower Fan Datasheet



**Brand:** Nidec

**SKU:** [919545256555](#)

**Category:** Axial & Centrifugal Fans

**Price:** **\$12.99**

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Product Page:

<https://www.equipspares.com/product/d07f-24sg-nidec-24vdc-75x75x30mm-0-15a-blower-fan>

## Product Description

The Nidec D07F-24SG is a precision-engineered DC Blower Fan designed for applications requiring concentrated airflow and high static pressure within a compact footprint. Utilizing advanced DC brushless motor technology, this unit optimizes aerodynamic efficiency while maintaining a stable thermal profile. The internal bearing architecture is calibrated to reduce friction and thermal impedance, ensuring consistent performance under continuous operation. Constructed with high-grade materials to enhance structural rigidity, the D07F-24SG effectively manages heat dissipation in restricted spaces. Its 3-wire configuration supports signal monitoring, making it a reliable component for sophisticated thermal management systems requiring precise airflow regulation and long-term durability.

Model Number: D07F-24SG

Brand: Nidec

Product Type: DC Blower Fan

Rated Voltage: 24VDC

Rated Current: 0.15 A

Power Consumption: 3.60 W

Dimensions: 75 x 75 x 30 mm

Termination: 3-Wire Lead

Connector Type: 3-Pin

Wire Length: 120 mm

Motor Technology: Brushless DC

Bearing System: Precision Bearing

Airflow Direction: Centrifugal

Housing Material: Reinforced Plastic (UL94V-0)

Blade Material: Reinforced Plastic (UL94V-0)

Mounting Type: Flange

The D07F-24SG is specifically engineered for integration into compact electronic assemblies where directed cooling is essential. Common deployment environments include server rack cooling modules, telecommunications equipment, and industrial automation control panels. The focused airflow of the D07F-24SG makes it ideal for spot cooling components in CNC machinery and medical instrumentation. Additionally, the reliable performance of the D07F-24SG ensures thermal stability in projector systems and network switches, preventing overheating in critical hardware infrastructure.

## Supplemental Images

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