

D06F-24SH01B Nidec 24VDC 60x60x25mm 3-Wire Axial Fan Datasheet



Brand: Nidec

SKU: [634633808058](#)

Category: Axial & Centrifugal Fans

Price: **\$13.99**

E-mail: sales@equipspares.com

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Product Page:

<https://www.equipspares.com/product/d06f-24sh01b-nidec-24vdc-60x60x25mm-3-wire-axial-fan>

Product Description

The Nidec D06F-24SH01B is a precision-engineered DC Axial Fan designed for critical thermal management in industrial environments. Part of the renowned GAMMA27 series, this unit leverages advanced motor technology to deliver an optimized P-Q curve, ensuring high airflow delivery against significant static pressure resistance. The chassis is constructed for maximum structural rigidity, minimizing vibration-induced noise while maintaining consistent performance under thermal stress. Its aerodynamic impeller design reduces turbulence, effectively lowering thermal impedance in high-density electronic enclosures, making it a robust solution for continuous duty cycles.

Model Number: D06F-24SH01B

Brand: Nidec

Series: GAMMA27

Product Type: DC Axial Fan

Rated Voltage: 24VDC

Operating Voltage Range: 14.0 - 27.6 VDC

Rated Current: 0.16 A

Input Power: 3.84 W

Rated Speed: 4500 RPM

Max. Air Flow: 23.5 CFM (39.9 m³/h)

Max. Static Pressure: 5.8 mmH₂O (56.9 Pa)

Noise Level: 34.0 dB-A

Dimensions: 60 x 60 x 25 mm

Bearing Type: Maintenance-Free Ball Bearing

Termination: 3-Wire (Lead Wire)

Wire Function: Red (+), Black (-), White/Yellow (Signal/Tachometer)

Housing Material: PBT (UL94V-0)

Impeller Material: PBT (UL94V-0)

Operating Temperature: -10°C to +70°C

Life Expectancy: 70,000 Hours at 40°C

Weight: 65 g

Ingress Protection: IP20

The D06F-24SH01B is engineered for demanding applications requiring reliable forced-air cooling, such as industrial automation control panels, telecommunications equipment, and compact server power supplies. Its robust design makes the D06F-24SH01B ideal for medical instrumentation and CNC machinery where consistent thermal dissipation is critical for component longevity and system stability.

Supplemental Images

