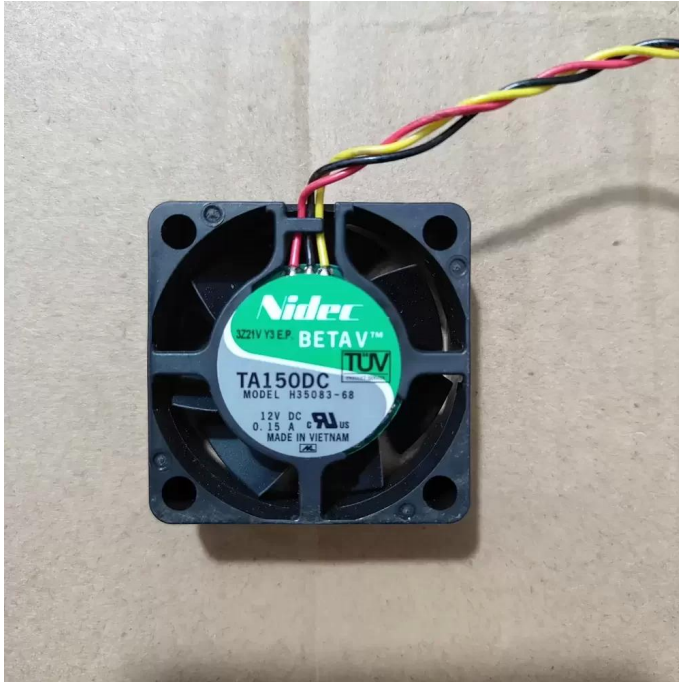


# TA150DC H35083-68 Nidec 12VDC 40x40x15mm Axial Fan Datasheet



**Brand:** Nidec

**SKU:** [1011667421039](#)

**Category:** Axial & Centrifugal Fans

**Price:** **\$18.99**

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**E-mail:** [sales@equipspares.com](mailto:sales@equipspares.com)

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Product Page:

<https://www.equipspares.com/product/ta150dc-h35083-68-nidec-12vdc-40x40x15mm-axial-fan>

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## Product Description

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Nidec TA150DC H35083-68 is a 12VDC 40x40x15mm Axial Fan optimized for high-density thermal management in space-constrained server environments. This compact cooling solution utilizes a brushless DC motor architecture paired with a precision dual ball bearing system to minimize thermal impedance and ensure long-term structural rigidity. Engineered for continuous operation, the TA150DC series features an aerodynamic impeller design that balances static pressure and airflow efficiency. Operating at a rated current of 0.15A, this fan provides reliable heat dissipation for sensitive electronic components while maintaining a stable RPM profile to prevent localized hotspots in mission-critical hardware.

Model Number: TA150DC H35083-68

Brand: Nidec

Product Category: Axial Fan

Rated Voltage: 12 VDC

Voltage Range: 7.0 - 13.8 VDC

Rated Current: 0.15 A

Power: 1.8 W

Rated Speed: 6500 RPM

Bearing Type: Dual Ball Bearing

Max. Air Flow: 8.5 CFM (0.24 m<sup>3</sup>/min)

Max. Static Pressure: 4.8 mmH<sub>2</sub>O (47.1 Pa)

Dimensions: 40 x 40 x 15 mm

Weight: 25 g

Life Expectancy: 70,000 Hours at 40°C

Speed Control: 3-Wire (Tachometer/Frequency Generator)

Noise Level: 32.0 dBA

Housing/Blade Material: PBT Thermoplastic UL94V-0

Termination: 3-Lead Wires

Operating Temperature: -10 to +70 °C

Storage Temperature: -40 to +75 °C

Mounting Orientation: All Directions

Protection Features: Polarity Protection, Locked Rotor Protection

Certifications: UL, CSA, TUV, CE, RoHS

#### TA150DC H35083-68 Applications

1. 1U/2U Rackmount Servers: The 15mm depth and high static pressure capability allow for efficient heat extraction through dense PCB arrays where standard 10mm fans fail to overcome system impedance.
2. Network Switches and Routers: Ideal as a high-reliability replacement fan for enterprise-grade networking gear requiring 24/7 operation and tachometer monitoring for system health alerts.
3. Industrial Power Supplies: Provides targeted spot cooling for MOSFETs and capacitors in compact SMPS units where low-vibration and high-MTBF components are required to prevent premature dielectric breakdown.

## Supplemental Images

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