

# T92C24MS2A7-52Z40 Nidec 24VDC 92x92x32mm Axial Fan Datasheet



**Brand:** Nidec

**SKU:** [896637912786](#)

**Category:** Axial & Centrifugal Fans

**Price:** **\$14.99**

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Product Page:

<https://www.equipspares.com/product/t92c24ms2a7-52z40-nidec-24vdc-92x92x32mm-axial-fan>

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## Product Description

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The Nidec T92C24MS2A7-52Z40 is a precision-engineered Axial Fan designed for high-reliability thermal management in industrial environments. Utilizing advanced DC motor technology coupled with a robust dual ball bearing architecture, this unit ensures minimal frictional losses and extended operational longevity under continuous load. The aerodynamic impeller design optimizes static pressure capabilities while maintaining efficient airflow throughput, effectively reducing thermal impedance within dense electronic enclosures. Constructed with structural rigidity in mind, the housing resists vibration and mechanical stress, making it an ideal solution for critical cooling applications requiring stable performance metrics.

Model Number: T92C24MS2A7-52Z40

Brand: Nidec

Product Type: Axial Fan

Rated Voltage: 24VDC

Voltage Range: 14.0 - 27.6 VDC

Rated Current: 0.54 A

Power: 12.96 W

Rated Speed: 4000 RPM

Bearing Type: Dual Ball Bearing

Max. Air Flow: 85.0 CFM (144.4 m<sup>3</sup>/h / 2.41 m<sup>3</sup>/min)

Max. Static Pressure: 11.2 mmH<sub>2</sub>O (109.8 Pa / 0.44 inH<sub>2</sub>O)

Dimensions: 92x92x32mm

Weight: 180 g

Life Expectancy: 70,000 Hours @ 40°C

Noise Level: 46.0 dB(A)

Housing Material: PBT Plastic (UL94V-0)

Blade Material: PBT Plastic (UL94V-0)

Termination: 3-Wire Lead

Operating Temperature: -10°C to +70°C

Storage Temperature: -40°C to +70°C

Ingress Protection: IP20

Safety Certifications: UL, CSA, TUV, CE

This high-performance cooling solution is specifically engineered for demanding industrial electronics, including variable frequency drives and power inverters where the T92C24MS2A7-52Z40 provides critical thermal regulation. Its robust design makes it suitable for server rack ventilation, telecommunications equipment, and CNC machinery control panels. By integrating the T92C24MS2A7-52Z40, systems benefit from consistent airflow that prevents component overheating, ensuring operational stability in automation and power conversion hardware.

## Supplemental Images

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