

T92T24MS1A7-51 Nidec 24VDC 0.22A 92x92x25mm Axial Fan Datasheet



Brand: Nidec

SKU: [1045744983294](#)

Category: Axial & Centrifugal Fans

Price: **\$9.21**

E-mail: sales@equipspares.com

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Product Page:

<https://www.equipspares.com/product/t92t24ms1a7-51-nidec-24vdc-0-22a-92x92x25mm-axial-fan>

Product Description

Nidec T92T24MS1A7-51 is a 92 x 92 x 25 mm axial cooling fan operating at a nominal 24 VDC with a current draw of 0.22 A. This high-performance unit features a magnetically stabilized bearing system and a seven-blade impeller constructed from UL 94V-0 rated thermoplastic PBT. The fan is designed for continuous duty with an integrated current-limit protection mechanism and a robust square frame for flange mounting.

T92T24MS1A7-51 Specifications

Model: T92T24MS1A7-51

Brand: Nidec

Category: Axial Cooling Fan

Dimensions: 92 x 92 x 25 mm

Rated Voltage: 24 VDC

Operating Voltage Range: 14.0 to 27.6 VDC

Rated Current: 0.22 A

Input Power: 5.28 W

Rated Speed: 3100 RPM

Airflow: 52.0 CFM

Static Pressure: 45.0 Pa

Noise Level: 32.0 dBA

Bearing Type: Dual Ball Bearing

Termination: 2-wire lead

Frame Material: Thermoplastic PBT (UL 94V-0)

Impeller Material: Thermoplastic PBT (UL 94V-0)

Operating Temperature: -10 to +70 °C

Storage Temperature: -40 to +75 °C

Life Expectancy: 70,000 hours at 40 °C

Weight: 120 g

Certifications: UL, CE, RoHS

T92T24MS1A7-51 Applications

Primary applications include integration into Inovance MD380 and MD500 series frequency converters, industrial inverter drive cooling systems, and telecommunications power supply cabinets. Deployed within CNC machine control units and automated server rack thermal management arrays to maintain stable operating temperatures.

Supplemental Images

