

T14T12MS1A7-56E15 Nidec 12VDC 0.24A 140mm Axial Fan Datasheet



Brand: Nidec

SKU: [725836802784](#)

Category: Axial & Centrifugal Fans

Price: **\$28.99**

E-mail: sales@equipspares.com

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Product Page:

<https://www.equipspares.com/product/t14t12ms1a7-56e15-nidec-12vdc-0-24a-140mm-axial-fan>

Product Description

The Nidec T14T12MS1A7-56E15 is a precision-engineered Axial Fan designed for optimal thermal management in electronic enclosures requiring low acoustic signatures. Operating at a nominal 12VDC, this unit utilizes advanced motor technology to deliver consistent airflow while maintaining high structural rigidity under continuous operation. The aerodynamic impeller geometry is calibrated to minimize turbulence and reduce thermal impedance, ensuring efficient heat dissipation across critical components. Featuring a robust frame construction and a specialized 3-wire interface with PWM signal compatibility via a 4-pin connector, the T14T12MS1A7-56E15 balances power consumption of 2.88W with a rotational speed of 2100RPM. This configuration makes it an ideal solution for systems demanding reliable cooling performance without compromising on noise levels or operational stability.

Model Number: T14T12MS1A7-56E15

Brand: Nidec

Product Type: Axial Fan

Rated Voltage: 12VDC

Rated Current: 0.24 A

Power: 2.88 W

Rated Speed: 2100 RPM

Dimensions: 140mm Frame Size

Bearing Type: Precision Bearing System

Termination: 3-Wire (Positive, Negative, PWM)

Connector Type: 4-Pin Interface

Speed Control: PWM (Pulse Width Modulation)

Feature: Silent / Low Noise Design

Mounting Orientation: Any

Housing Material: Industrial Grade Plastic

Operating Temperature: -10°C to +70°C (Standard)

Application: Electronic Cooling / Chassis Ventilation

The T14T12MS1A7-56E15 is frequently deployed in high-performance computing environments where acoustic dampening is as critical as airflow. Common applications include chassis cooling for mid-tower workstations, server rack ventilation, and power supply unit thermal regulation. The T14T12MS1A7-56E15 is also suitable for industrial automation cabinets and telecommunications equipment, providing the necessary static pressure to overcome resistance in filtered enclosures while preserving the longevity of sensitive electronic circuits.

Supplemental Images

