

U80T24MS2CB7-53J56 Nidec 24VDC 80x80x25mm 3-Wire Axial Fan Datasheet



Brand: Nidec

SKU: [919328943875](#)

Category: Axial & Centrifugal Fans

Price: **\$7.99**

E-mail: sales@equipspares.com

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Product Page:

<https://www.equipspares.com/product/u80t24ms2cb7-53j56-nidec-24vdc-80x80x25mm-3-wire-axial-fan>

Product Description

The Nidec U80T24MS2CB7-53J56 is a precision-engineered DC Axial Fan designed for critical thermal management applications requiring reliable airflow and durability. Utilizing advanced brushless motor technology, this unit delivers consistent performance while maintaining optimal energy efficiency. The chassis is constructed for high structural rigidity, minimizing vibration and resonance during operation, which contributes to a stable thermal impedance profile. Its aerodynamic impeller design is optimized to reduce turbulence, thereby lowering the acoustic signature while maximizing static pressure capabilities. This component is specifically calibrated for systems requiring sustained operation and robust heat dissipation.

Model Number: U80T24MS2CB7-53J56

Brand: Nidec

Product Type: DC Axial Fan

Rated Voltage: 24VDC

Rated Current: 0.12 A

Input Power: 2.88 W

Dimensions: 80 x 80 x 25 mm

Termination: 3-Wire (3-Pin Connector)

Signal Output: Tachometer / Speed Sensor

Motor Type: Brushless DC

Housing Material: Reinforced Plastic (PBT)

Blade Material: Reinforced Plastic

Mounting Type: Flange Mount

Application: Industrial/Server Cooling

The U80T24MS2CB7-53J56 is engineered for integration into diverse industrial and commercial environments, including server rack cooling, telecommunications equipment, and power supply ventilation. Its compact 80mm form factor allows the U80T24MS2CB7-53J56 to fit seamlessly into restricted spaces within CNC machinery and medical instrumentation, ensuring critical components remain within safe thermal operating limits.

Supplemental Images

