D08A-24TS2 Nidec 24VDC 80x80x25mm Axial Fan Datasheet

Brand: Nidec

SKU: 1009343011840

Category: Axial & Centrifugal Fans

Price: **$16.99**

E-mail: sales@equipspares.com

Web: https://www.equipspares.com

Product Page: https://www.equipspares.com/product/d08a-24ts2-nidec-24vdc-80x80x25mm-axial-fan

Product Description

The Nidec D08A-24TS2 is a high-efficiency Axial Fan engineered for demanding industrial environments requiring precise thermal management. Utilizing advanced DC motor technology, this unit is designed to minimize thermal impedance while maintaining structural rigidity under continuous operation. The aerodynamic blade geometry is optimized for high static pressure and laminar airflow, ensuring efficient heat dissipation in densely packed electronic enclosures. Its robust bearing architecture provides long-term reliability and stable rotational velocity, making it a critical component for systems where downtime is not an option.

Model Number: D08A-24TS2
Brand: Nidec
Product Type: Axial Fan
Rated Voltage: 24VDC
Voltage Range: 14.0 - 27.6 VDC
Rated Current: 0.23A
Power: 5.52W
Rated Speed: 3400 RPM
Bearing Type: Dual Ball Bearing
Max. Air Flow: 42.4 CFM (72.0 m^3/h)
Max. Static Pressure: 4.8 mmH_2O (47.1 Pa)
Dimensions: 80x80x25mm

Weight: 95g
Life Expectancy: 70,000 Hours at 40°C
Housing Material: UL94V-0 Plastic
Blade Material: UL94V-0 Plastic
Termination: 2-Wire Lead with Connector
Operating Temperature: -10°C to +70°C
Storage Temperature: -40°C to +75°C
Protection Features: Locked Rotor Protection, Reverse Polarity Protection
Certifications: UL, CSA, TUV, CE

The D08A-24TS2 is specifically engineered for integration into frequency converters, industrial control cabinets, and high-density server racks. Given its compact 80mm form factor and 24VDC input, the D08A-24TS2 provides essential active cooling for telecommunications infrastructure and medical diagnostic equipment. Its reliable performance ensures that sensitive internal components within CNC machinery and power supplies remain within optimal operating temperature ranges.

Supplemental Images