D1751S24B3ZZ-15 Servo 24VDC 172x150x51mm 3-Wire Axial Fan Datasheet

SKU: 969294464411

Category: Axial & Centrifugal Fans

Price: **$247.99**

E-mail: sales@equipspares.com

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Product Page:
https://www.equipspares.com/product/d1751s24b3zz-15-servo-24vdc-172x150x51mm-3-wire-axial-fan

Product Description

The Servo D1751S24B3ZZ-15 is a precision-engineered DC axial fan designed for high-reliability industrial cooling applications. Manufactured by Nidec Servo, this unit features a robust housing architecture that ensures structural rigidity under thermal stress and vibration. The fan utilizes advanced ball bearing technology to minimize friction and extend operational lifespan, optimizing the mean time between failures (MTBF) in continuous duty environments. Its aerodynamic impeller design reduces turbulence while maintaining consistent airflow, effectively managing thermal impedance in dense electronic enclosures. Operating at 24VDC with a current draw of 0.5A, the D1751S24B3ZZ-15 delivers sustained performance for critical machinery, ensuring component stability through efficient heat dissipation.

Model Number: D1751S24B3ZZ-15
Brand: Servo (Nidec Servo)
Product Type: DC Axial Fan
Rated Voltage: 24VDC
Voltage Range: 14.0 - 27.6 VDC
Rated Current: 0.5 A
Input Power: 12.0 W
Bearing Type: Dual Ball Bearing
Dimensions: 172mm x 150mm x 51mm

Frame Material: Aluminum Die-Cast
Impeller Material: Reinforced Plastic (UL94V-0)
Termination: 3-Wire Leads
Speed Control: Supported (3-Wire Interface)
Mounting: Flange Mount
Operating Temperature: -10°C to +60°C
Application: Mitsubishi V3000 Printing Machine (Paper Collection)

The D1751S24B3ZZ-15 is specifically calibrated for integration into precision industrial equipment, notably serving as the paper collection cooling fan for the Mitsubishi V3000 printing machine. Beyond printing press applications, the D1751S24B3ZZ-15 is suitable for ventilating server racks, telecommunications cabinets, and CNC control systems requiring reliable thermal management. Its robust design allows it to operate effectively in environments subject to vibration and continuous duty cycles, providing critical airflow to prevent thermal throttling in sensitive electronics.