

D1751P24B8PP388 Nidec 24V 3.4A High Performance Axial Fan Datasheet



Brand: Nidec

SKU: [683606154588](#)

Category: Axial & Centrifugal Fans

Price: **\$192.99**

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<https://www.equipspares.com/product/d1751p24b8pp388-nidec-24v-3-4a-high-performance-axial-fan>

Product Description

The Nidec D1751P24B8PP388 is a robust industrial axial fan engineered for high-static pressure applications, specifically tailored for ABB variable frequency drive cooling systems. This unit features a durable die-cast aluminum housing and high-speed operation driven by a powerful DC motor, ensuring efficient thermal management for power electronics.

Manufacturer: Nidec Servo Corporation

Model Number: D1751P24B8PP388

Product Type: DC Axial Fan

Rated Voltage: 24VDC

Operating Voltage Range: 14.0 - 27.6 VDC

Rated Current: 3.4A

Input Power: 81.6W

Dimensions: 172mm x 150mm x 51mm

Bearing Type: Maintenance-Free Dual Ball Bearings

Housing Material: Die-Cast Aluminum

Impeller Material: Reinforced Plastic (UL94V-0)

Air Flow Direction: Exhaust Over Struts

Termination: Lead Wires with Connector

Application: ABB Inverter/VFD Cooling

Mounting Type: Flange Mount

This high-capacity cooling solution is primarily utilized in heavy-duty industrial automation equipment, specifically serving as a critical thermal management component for ABB variable frequency drives and power inverters. The D1751P24B8PP388 ensures optimal operating temperatures in server cabinets, telecommunication racks, and large-scale motor control centers where sustained high airflow is required to dissipate heat generated by power electronics, thereby extending component lifespan and maintaining system reliability under continuous load.

Supplemental Images

