D1751M24B4ZP-00 Nidec SERVO 24VDC 172x150x51mm Axial Fan Datasheet

Brand: Nidec

SKU: 967818774664

Category: Axial & Centrifugal Fans

Price: **$104.99**

E-mail: sales@equipspares.com

Web: https://www.equipspares.com

Product Page:
https://www.equipspares.com/product/d1751m24b4zp-00-nidec-servo-24vdc-172x150x51mm-axial-fan

Product Description

The Nidec SERVO D1751M24B4ZP-00 is a high-capacity Axial Fan engineered for demanding industrial thermal management. Utilizing advanced DC motor technology paired with a robust dual ball bearing architecture, this unit ensures exceptional longevity and structural rigidity under continuous operation. The aerodynamic impeller design optimizes airflow dynamics to reduce thermal impedance within high-density enclosures. Featuring a die-cast aluminum frame for enhanced heat dissipation and vibration damping, the D1751M24B4ZP-00 delivers reliable performance in harsh environments, maintaining critical component stability through precise air movement and static pressure generation.

Model Number: D1751M24B4ZP-00
Brand: Nidec SERVO
Product Type: Axial Fan
Rated Voltage: 24VDC
Voltage Range: 14.0 - 27.6 VDC
Rated Current: 0.9 A
Power: 21.6 W
Rated Speed: 3800 RPM
Bearing Type: Dual Ball Bearing
Max. Air Flow: 235.0 CFM (399.2 m^3/h / 6.65 m^3/min)

Max. Static Pressure: 19.8 mmH_2O (194.1 Pa / 0.78 inH_2O)
Dimensions: 172mm x 150mm x 51mm
Weight: 800 g
Life Expectancy: 70,000 Hours @ 40°C
Termination: 2-Wire Lead
Housing Material: Die-Cast Aluminum
Impeller Material: Reinforced Plastic (UL94V-0)
Operating Temperature: -10°C to +70°C
Storage Temperature: -40°C to +70°C
Country of Origin: Vietnam
Application: Inverter Cooling

This cooling solution is specifically calibrated for high-load industrial electronics, making it an ideal choice for variable frequency drive (VFD) inverters and large-scale power supply units. The D1751M24B4ZP-00 excels in environments requiring sustained high-volume airflow to prevent thermal throttling in automation control cabinets and server racks. Additionally, the robust construction of the D1751M24B4ZP-00 suits telecommunications infrastructure and CNC machinery, where reliability and consistent thermal regulation are paramount for system uptime.

Supplemental Images


SERVO
NIDEC SERVO CORPORATION
D1751M24B4ZP-00
DC24V 0.9A T.P.
MADE IN VIETNAM
4K 18