E1232L24B7AS-16 Nidec Servo 24VDC 120x120x32mm Blower Datasheet

Brand: Nidec

SKU: 993803774801

Category: Axial & Centrifugal Fans

Price: **$24.99**

E-mail: sales@equipspares.com

Web: https://www.equipspares.com

Product Page:
https://www.equipspares.com/product/e1232l24b7as-16-nidec-servo-24vdc-120x120x32mm-blower

Product Description

Nidec Servo E1232L24B7AS-16 is a 24VDC 120x120x32mm Centrifugal Blower optimized for high-impedance thermal management in precision imaging and industrial automation systems. Engineered with a high-efficiency DC brushless motor and dual ball bearing architecture, this unit minimizes thermal impedance while maintaining structural rigidity under continuous duty cycles. The aerodynamic scroll housing is specifically designed to generate concentrated airflow, delivering 0.43A of power to overcome the significant backpressure found in dense toner collection tubes and VFD enclosures. Operating at high RPM, this blower ensures consistent heat dissipation and particulate transport, making it a critical component for maintaining the operational integrity of high-volume production equipment.

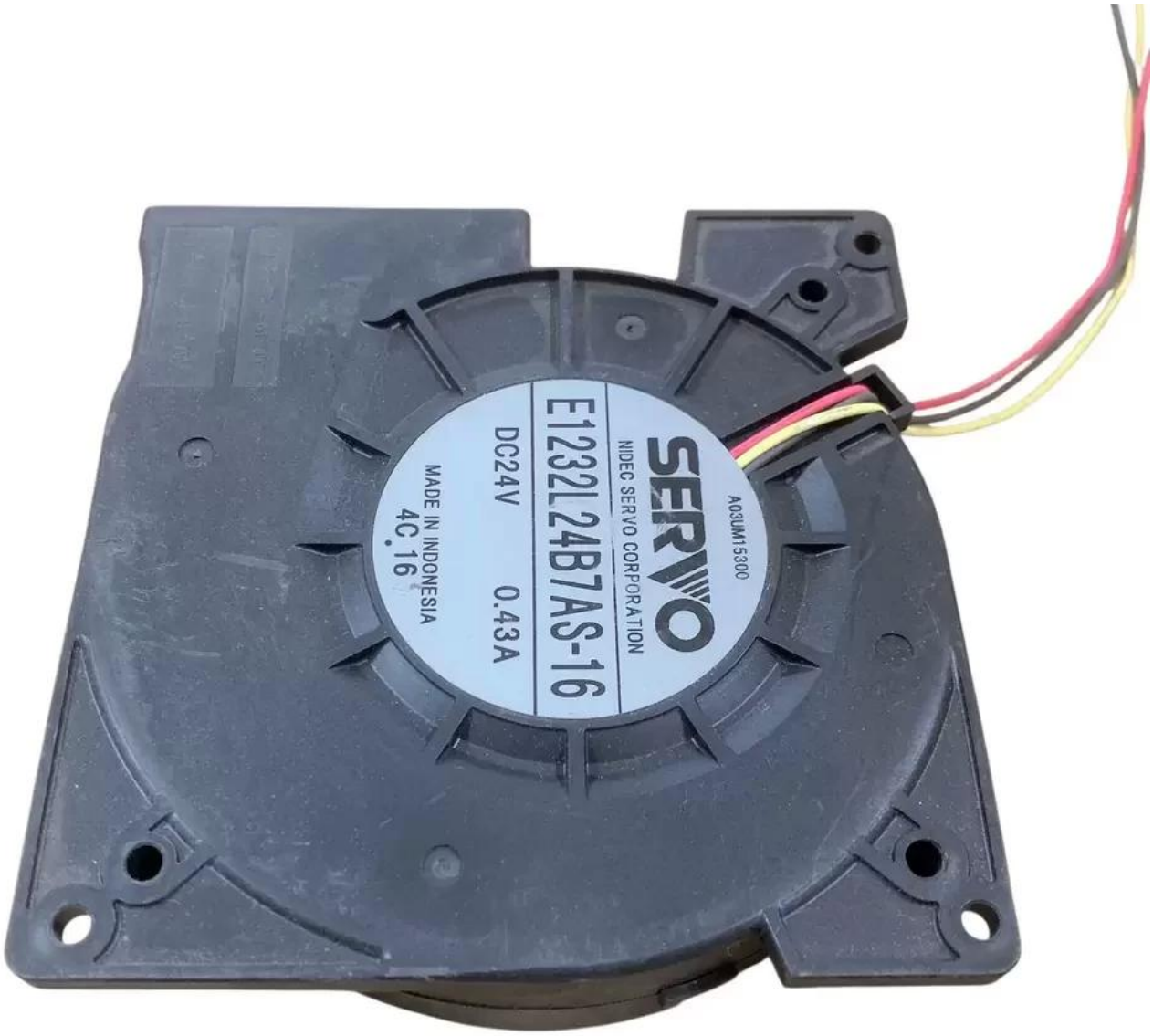
Model Number: E1232L24B7AS-16
Brand: Nidec Servo
Product Type: Centrifugal Blower
Rated Voltage: 24 VDC
Voltage Range: 14.0 - 27.6 VDC
Rated Current: 0.43 A
Power: 10.32 W
Rated Speed: 3200 RPM
Bearing Type: Dual Ball Bearing

Max. Air Flow: 35.3 CFM (1.00 m^3/min)
Max. Static Pressure: 245 Pa (0.98 inH_2O)
Dimensions: 120 x 120 x 32 mm
Weight: 230 g
Life Expectancy: 50,000 Hours at 40°C
Speed Control: 3-Wire (Tachometer/Frequency Generator Output)
Housing Material: Plastic (UL94V-0)
Blade Material: Plastic (UL94V-0)
Termination: 3-Lead Wires
Operating Temperature: -10 to +70 °C
Storage Temperature: -40 to +75 °C
Protection Features: Locked Rotor Protection, Reverse Polarity Protection
Certifications: UL, CSA, TUV, CE

E1232L24B7AS-16 Applications

1. Production Print Systems: Ideal replacement fan for Konica Minolta Bizhub Press (951, 1051, 1200, 1250) toner collection and suction units where high static pressure is required to move heavy particles through narrow channels.
2. VFD Control Cabinets: Provides targeted cooling for variable frequency drives by forcing air through heat sink fins to prevent thermal throttling in cramped industrial enclosures.
3. Medical Laboratory Equipment: Utilized in diagnostic machines requiring low-vibration, high-pressure airflow for reagent cooling and pneumatic sampling systems.

Supplemental Images


SERVO
NIDEC SERVO CORPORATION
E1232L24B7AS-16
DC24V 0.43A
MADE IN INDONESIA
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