E1033H24B8AP-00 Nidec 24VDC 0.39A Centrifugal Blower Datasheet

Brand: Nidec

SKU: 709802808334

Category: Axial & Centrifugal Fans

Price: **$34.99**

E-mail: sales@equipspares.com

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Product Page:
https://www.equipspares.com/product/e1033h24b8ap-00-nidec-24vdc-0-39a-centrifugal-blower

Product Description

The Nidec E1033H24B8AP-00 is a Centrifugal Blower engineered for high-pressure industrial cooling applications. Utilizing advanced DC brushless motor technology and a precision dual ball bearing architecture, this unit ensures long-term reliability and minimal thermal impedance. Its aerodynamic impeller design is optimized for concentrated airflow, providing superior structural rigidity under high rotational speeds. The 3-wire configuration supports precise monitoring, making it ideal for systems requiring active feedback and robust thermal management in constrained environments.

Model Number: E1033H24B8AP-00
Brand: Nidec
Product Type: Centrifugal Blower
Rated Voltage: 24VDC
Voltage Range: 14.0 - 27.6 VDC
Rated Current: 0.39 A
Power: 9.36 W
Rated Speed: 3500 RPM
Bearing Type: Dual Ball Bearing
Max. Air Flow: 28.2 CFM (0.80 m^3/min / 13.3 L/s)
Max. Static Pressure: 24.5 mmH_2O (240 Pa / 0.96 inH_2O)
Dimensions: 100x100x33 mm

Weight: 210 g
Life Expectancy: 70,000 Hours at 40°C
Speed Control: Tachometer / FG Signal
Termination: 3 Lead Wires
Housing Material: Thermoplastic UL94V-0
Blade Material: Thermoplastic UL94V-0
Insulation Class: Class A
Operating Temperature: -10°C to +70°C
Storage Temperature: -40°C to +75°C
Protection Features: Locked Rotor Protection, Reverse Polarity Protection
Certifications: UL, TUV, CE, RoHS

The E1033H24B8AP-00 is specifically designed for high-density electronic enclosures and telecommunications infrastructure where directional airflow is critical. In server rack configurations, the E1033H24B8AP-00 provides efficient heat dissipation for localized hotspots. It is also widely utilized in medical diagnostic equipment and industrial automation controllers, ensuring stable operating temperatures for sensitive internal components.

Supplemental Images