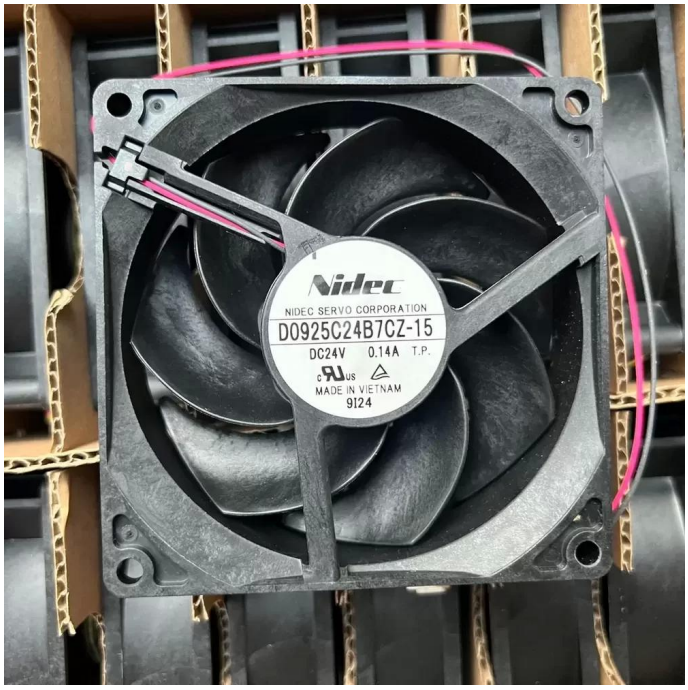
D0925C24B7CZ-15 Nidec 24VDC 92x92x25mm 2-Wire Axial Fan Datasheet



Brand: Nidec

SKU: 844614773810

Category: Axial & Centrifugal Fans

Price: **$18.99**

E-mail: sales@equipspares.com

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Product Page:
https://www.equipspares.com/product/d0925c24b7cz-15-nidec-24vdc-92x92x25mm-2-wire-axial-fan

Product Description

The Nidec D0925C24B7CZ-15 is a precision-engineered Axial Fan designed for critical thermal management in industrial and electronic environments. Utilizing Nidec's advanced motor technology, this unit minimizes thermal impedance through an optimized impeller design that balances static pressure with volumetric flow. The construction features a durable thermoplastic housing and a high-reliability bearing system designed to reduce frictional losses and acoustic resonance during operation. Operating at a rated 24VDC, the D0925C24B7CZ-15 ensures efficient heat dissipation for sensitive electronic components, maintaining operational stability under continuous load conditions. Its aerodynamic profile is specifically calibrated to deliver sustained cooling performance while mitigating electromagnetic interference, making it a robust solution for systems requiring structural rigidity and long-term durability.

Model Number: D0925C24B7CZ-15
Brand: Nidec
Product Type: Axial Fan
Rated Voltage: 24 VDC
Voltage Range: 12.0 - 27.6 VDC
Rated Current: 0.14 A
Power: 3.36 W
Rated Speed: 2900 RPM

Bearing Type: Ball Bearing
Max. Air Flow: 45.0 CFM (76.45 m^3/h / 1.27 m^3/min)
Max. Static Pressure: 3.50 mmH_2O (34.32 Pa / 0.14 inH_2O)
Dimensions: 92 x 92 x 25 mm
Weight: 95 g
Life Expectancy: 60,000 Hours at 40°C
Termination: 2-Wire Lead
Housing Material: Polybutylene Terephthalate (PBT) UL94V-0
Impeller Material: Polybutylene Terephthalate (PBT) UL94V-0
Operating Temperature: -10°C to +70°C
Storage Temperature: -40°C to +70°C
Noise Level: 34.0 dB(A)
Ingress Protection: IP20
Mounting Orientation: Any

The D0925C24B7CZ-15 is engineered for versatility, serving as a critical component in server rack cooling modules, industrial automation control panels, and telecommunications equipment. Its robust design allows the D0925C24B7CZ-15 to function reliably in power supply units and CNC machinery where consistent airflow is mandatory to prevent thermal throttling. Additionally, this model is suitable for medical instrumentation and network switches, providing the necessary thermal headroom for high-density electronics.

Supplemental Images