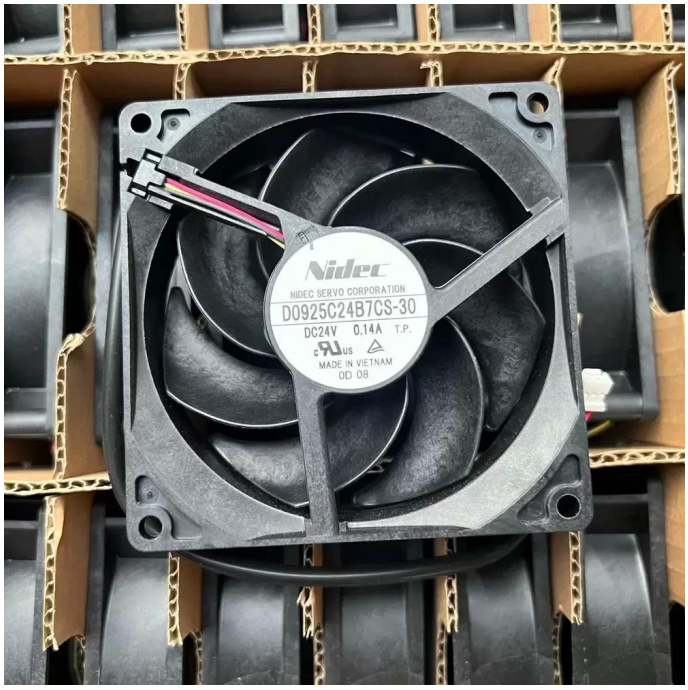
D0925C24B7CS-30 Nidec 24VDC 92x92x25mm Axial Fan Datasheet



Brand: Nidec

SKU: 844614253559

Category: Axial & Centrifugal Fans

Price: **$15.00**

E-mail: sales@equipspares.com

Web: https://www.equipspares.com

Product Page:
https://www.equipspares.com/product/d0925c24b7cs-30-nidec-24vdc-92x92x25mm-axial-fan

Product Description

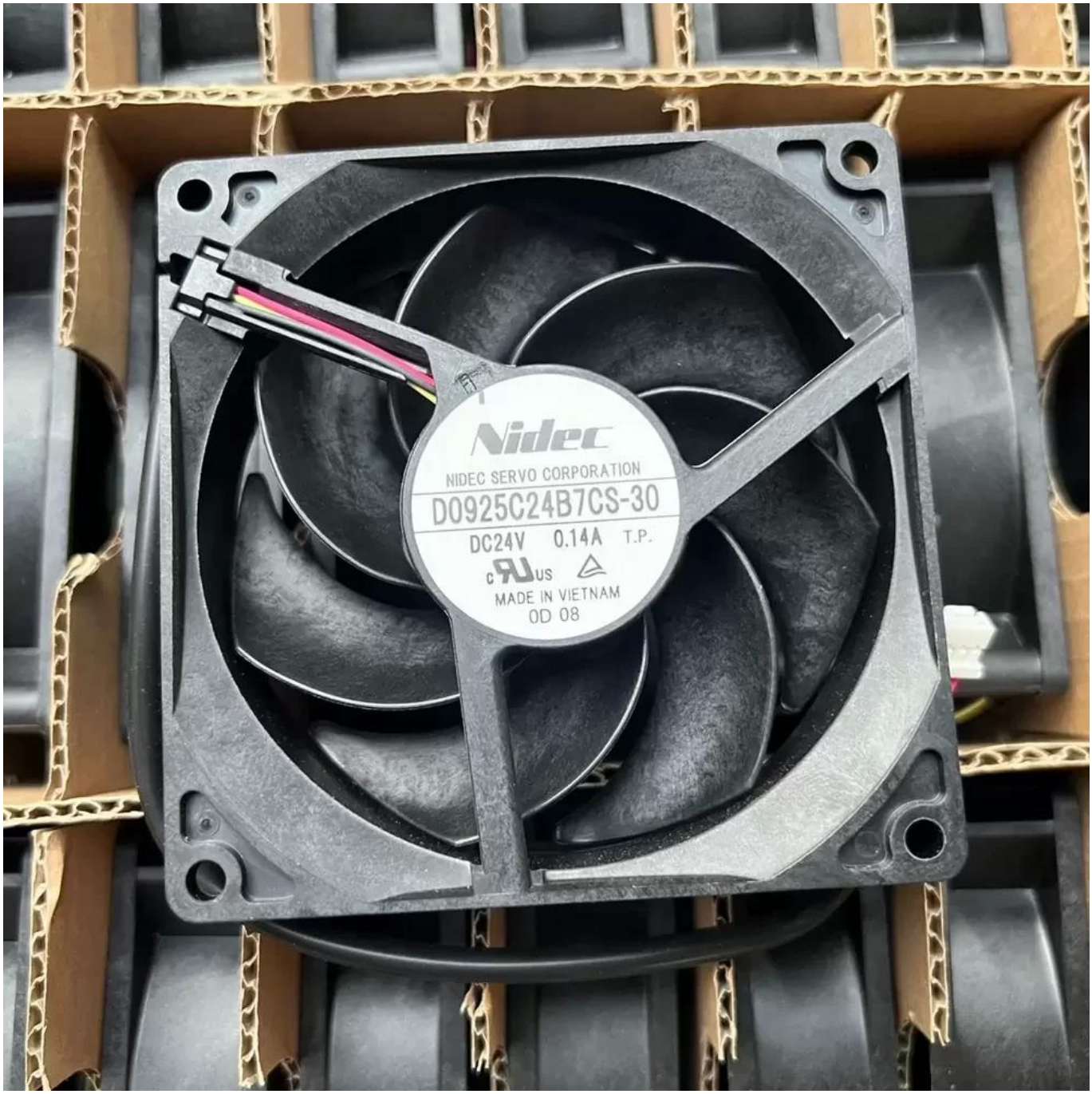
The Nidec D0925C24B7CS-30 is a precision-engineered Axial Fan designed for critical thermal management in industrial and computing environments. Utilizing advanced DC brushless motor technology, this unit ensures optimal airflow efficiency while maintaining low thermal impedance across the system. The robust thermoplastic frame construction offers superior structural rigidity, significantly minimizing vibration and resonance during high-speed operation. Engineered with a high-grade bearing architecture, the fan provides extended operational longevity and consistent performance under continuous load, making it a reliable solution for demanding thermal envelopes.

Model Number: D0925C24B7CS-30
Brand: Nidec
Product Type: Axial Fan
Rated Voltage: 24VDC
Operating Voltage Range: 12.0 - 27.6 VDC
Rated Current: 0.14 A
Input Power: 3.36 W
Rated Speed: 3100 RPM
Bearing Type: Ball Bearing
Max. Air Flow: 52.0 CFM (88.34 m^3/h)
Max. Static Pressure: 4.20 mmH_2O (41.19 Pa)

Dimensions: 92 x 92 x 25 mm
Termination: 3-Wire Leads
Signal Output: Tachometer (FG Signal)
Noise Level: 34.0 dB(A)
Housing Material: Plastic (UL94V-0)
Blade Material: Plastic (UL94V-0)
Operating Temperature: -10°C to +70°C
Weight: 95 g
Life Expectancy: 70,000 Hours at 40°C

The D0925C24B7CS-30 is specifically engineered for high-reliability applications such as server rack cooling, telecommunications cabinets, and precision industrial automation systems. Its balanced airflow profile makes the D0925C24B7CS-30 ideal for dissipating heat from sensitive electronic components in power supplies, medical instrumentation, and CNC control modules, ensuring system stability and preventing thermal throttling in restricted spaces.

Supplemental Images


Nidec
NIDEC SERVO CORPORATION
D0925C24B7CS-30
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MADE IN VIETNAM
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