

U70R20MS1CB-53 Nidec 20V 70x70x15mm 3-Wire Axial Fan Datasheet



Brand: Nidec

SKU: 918554102172

Category: Axial & Centrifugal Fans

Price: \$11.99

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Product Page:

<https://www.equipspares.com/product/u70r20ms1cb-53-nidec-20v-70x70x15mm-3-wire-axial-fan>

Product Description

The Nidec U70R20MS1CB-53 is a precision-engineered DC axial fan designed for specialized thermal management applications requiring a 20V power input. This unit integrates a robust dual ball bearing architecture, ensuring minimized friction and extended operational longevity under continuous load conditions. The aerodynamic impeller design optimizes airflow while maintaining structural rigidity, effectively reducing thermal impedance in compact enclosures. Engineered for reliability, the U70R20MS1CB-53 delivers consistent volumetric efficiency, making it an ideal solution for maintaining optimal operating temperatures in sensitive electronic components and amplifier systems.

Model Number: U70R20MS1CB-53

Brand: Nidec

Product Type: DC Axial Fan

Rated Voltage: 20 VDC

Rated Current: 0.25 A

Power Consumption: 5.0 W

Bearing Type: Dual Ball Bearing

Dimensions: 70 x 70 x 15 mm

Termination: 3-Wire / 3-Pin Connector

Airflow Profile: High Airflow

Mounting Style: Flange Mount

Condition: New Original

The U70R20MS1CB-53 is specifically calibrated for integration into high-fidelity audio amplifiers and compact computer chassis where specific voltage rails are utilized. Its slim 15mm profile allows for installation in space-constrained environments such as rack-mounted servers or specialized industrial control units. By providing consistent airflow, the U70R20MS1CB-53 effectively dissipates heat from power transistors and processors, preventing thermal throttling and ensuring system stability in demanding operational cycles.

Supplemental Images

