

D3KC1751BBH3W01 AVC 230VAC 172x150x51mm Metal Axial Fan Datasheet



Brand: AVC

SKU: 906502852900

Category: Axial & Centrifugal Fans

Price: \$55.99

E-mail: sales@equipspares.com

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Product Page:

<https://www.equipspares.com/product/d3kc1751bbh3w01-avc-230vac-172x150x51mm-metal-axial-fan>

Product Description

The AVC D3KC1751BBH3W01 is a robust AC axial fan engineered for high-demand industrial thermal management. Utilizing a capacitor-run induction motor architecture housed within a full metal chassis, this unit offers superior structural rigidity and thermal resilience. The aerodynamic impeller design optimizes airflow efficiency while maintaining stable static pressure capabilities. Designed for continuous operation in harsh environments, the D3KC1751BBH3W01 minimizes thermal impedance through its high-velocity air exchange mechanism, ensuring critical component longevity. Its metal construction specifically addresses requirements for high-temperature resistance and electromagnetic compatibility in complex electrical systems.

Model Number: D3KC1751BBH3W01

Brand: AVC (Asia Vital Components)

Product Type: AC Axial Fan

Rated Voltage: 230 VAC

Frequency: 50 / 60 Hz

Rated Current: 0.13 / 0.12 A

Input Power: 6 / 10 W

Rated Speed: 2800 / 3300 RPM

Bearing Type: Ball Bearing

Max. Air Flow: 210.0 CFM (356.8 m³/h)

Max. Static Pressure: 16.5 mmH₂O (161.8 Pa / 0.65 inH₂O)

Dimensions: 172 mm x 150 mm x 51 mm

Frame Shape: Elliptical / Oval

Housing Material: Die-Cast Aluminum (Full Metal)

Impeller Material: Metal

Termination: 2-Wire Lead

Operating Temperature: -10°C to +70°C

Storage Temperature: -40°C to +70°C

Life Expectancy: 50,000 Hours at 40°C

Mounting: Flange Mount

Feature: High Temperature Resistant

The D3KC1751BBH3W01 is specifically calibrated for high-density industrial applications requiring substantial air exchange. Common deployment environments include server racks, telecommunications enclosures, and industrial automation control cabinets where heat dissipation is critical. The D3KC1751BBH3W01 excels in CNC machinery and power supply units, providing reliable cooling to prevent thermal throttling. Its robust metal construction also makes it suitable for manufacturing floor ventilation systems where durability is paramount.

Supplemental Images

