D3KB1738BBH3WAT AVC 230VAC 172x172x38mm Metal Blades Axial Fan Datasheet

Brand: AVC

SKU: 923624154560

Category: Axial & Centrifugal Fans

Price: **$57.99**

E-mail: sales@equipspares.com

Web: https://www.equipspares.com

Product Page:
https://www.equipspares.com/product/d3kb1738bbh3wat-avc-230vac-172x172x38mm-metal-blades-axial-fan

Product Description

The AVC D3KB1738BBH3WAT is a robust AC axial fan engineered for demanding industrial environments requiring high thermal dissipation and structural integrity. This unit operates on a 230VAC supply and features a durable metal impeller designed to withstand elevated operating temperatures and maintain structural rigidity under high-speed rotation. Utilizing a precision dual ball bearing system, the motor delivers consistent performance at speeds up to 3200 RPM, ensuring optimal airflow and static pressure generation. The aerodynamic profile of the metal blades reduces turbulence while maximizing air throughput, making it an ideal solution for systems where thermal impedance must be minimized efficiently. Its rugged die-cast aluminum frame ensures longevity and reliability in continuous duty cycles.

Model Number: D3KB1738BBH3WAT
Brand: AVC (Asia Vital Components)
Product Type: AC Axial Fan
Rated Voltage: 230 VAC
Frequency: 50 / 60 Hz
Rated Current: 0.12 / 0.13 A
Power Input: 7 / 11 W

Rated Speed: 2800 / 3200 RPM
Bearing Type: Dual Ball Bearing
Max. Air Flow: 235.0 CFM (399.2 m^3/h)
Max. Static Pressure: 19.8 mmH_2O (194 Pa / 0.78 inH_2O)
Dimensions: 172 x 172 x 38 mm
Frame Material: Aluminum Die-Cast
Impeller Material: Metal (Iron)
Termination: Lead Wires
Operating Temperature: -10°C to +70°C
Storage Temperature: -40°C to +70°C
Weight: 850 g
Mounting Orientation: Any
Ingress Protection: IP20

The D3KB1738BBH3WAT is specifically designed for high-stress applications such as industrial control cabinets, server rack ventilation, and power supply cooling systems. Its metal blade construction allows the D3KB1738BBH3WAT to operate effectively in environments with higher ambient temperatures where plastic impellers might deform. This model is frequently utilized in CNC machinery, welding equipment, and telecommunications infrastructure where reliable, high-volume airflow is critical for component longevity.

Supplemental Images


AVC
MODEL:D3KB1738BBH3WAT
BALL BEARING
CLASS B
2A13241DC
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