AA1752HB-AW ADDA 230VAC 172x150x51mm AC Axial Fan Datasheet

Brand: ADDA

SKU: 1007391447464

Category: Axial & Centrifugal Fans

Price: **$26.99**

E-mail: sales@equipspares.com

Web: https://www.equipspares.com

Product Page:
https://www.equipspares.com/product/aa1752hb-aw-adda-230vac-172x150x51mm-ac-axial-fan

Product Description

The ADDA AA1752HB-AW is a robust AC Axial Fan engineered for high-demand industrial cooling applications requiring superior thermal impedance management. This unit features a precision-balanced AC induction motor housed within a die-cast aluminum frame, ensuring exceptional structural rigidity and vibration damping under continuous operation. Utilizing a dual ball bearing architecture, the fan delivers reliable performance and extended service life. The aerodynamic impeller design optimizes airflow efficiency while maintaining stable static pressure, making it suitable for environments where consistent thermal dissipation is critical.

Model Number: AA1752HB-AW
Brand: ADDA
Product Type: AC Axial Fan
Rated Voltage: 230 VAC
Voltage Range: 220 - 240 VAC
Frequency: 50 / 60 Hz
Rated Current: 0.31 / 0.29 A
Input Power: 46 / 44 W
Rated Speed: 2800 / 3300 RPM
Bearing Type: Dual Ball Bearing
Max. Air Flow: 239.0 CFM (406.0 m^3/h / 6.76 m^3/min)

Max. Static Pressure: 16.8 mmH_2O (164.7 Pa / 0.66 inH_2O)
Dimensions: 172 x 150 x 51 mm
Weight: 930 g
Life Expectancy: 50,000 Hours at 25°C
Noise Level: 51.0 / 56.0 dB(A)
Frame Material: Aluminum Alloy Die-Cast
Impeller Material: PBT (UL94V-0)
Termination: Lead Wires
Operating Temperature: -10°C to +70°C
Storage Temperature: -40°C to +70°C
Motor Protection: Impedance Protected
Safety Certifications: UL, CUL, TUV, CE

The AA1752HB-AW is frequently deployed in industrial automation enclosures and large-scale server cabinets where reliable heat extraction is mandatory. Its robust construction allows for integration into CNC machinery control panels and heavy-duty power supply units, ensuring components remain within safe operating temperatures. Additionally, the AA1752HB-AW serves effectively in telecommunications infrastructure and HVAC auxiliary systems, providing consistent airflow to prevent thermal throttling in critical electronic assemblies.

Supplemental Images