

AA1282DB-AW ADDA 220-240VAC 120x120x38mm AC Axial Fan Datasheet



Brand: ADDA

SKU: 1013909193416

Category: Axial & Centrifugal Fans

Price: \$14.99

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Product Page:

<https://www.equipspares.com/product/aa1282db-aw-adda-220-240vac-120x120x38mm-ac-axial-fan>

Product Description

The ADDA AA1282DB-AW is a robust AC Axial Fan engineered for industrial thermal management and continuous duty cycles. Utilizing an induction motor architecture optimized for 220-240VAC operation, this unit delivers consistent airflow with high structural rigidity thanks to its die-cast aluminum frame construction. The system features a precision Double Ball Bearing configuration, which significantly reduces friction coefficients and enhances longevity under continuous operation. Designed with Class B insulation, the motor ensures thermal stability while the aerodynamic impeller geometry minimizes turbulence, optimizing the ratio between static pressure and volumetric flow for critical cooling applications. The unit offers reliable performance with specific impedance protection against motor burnout.

Model Number: AA1282DB-AW

Brand: ADDA

Product Type: AC Axial Fan

Rated Voltage: 220-240 VAC

Frequency: 50 / 60 Hz

Rated Current: 0.06 A

Input Power: 7.65 W

Output Power: 3.06 W

Rated Speed: 1700 / 2300 RPM

Bearing Type: Double Ball Bearing

Max. Air Flow: 80.0 CFM (135.9 m³/h / 2.26 m³/min)

Max. Static Pressure: 6.35 mmH₂O (62.27 Pa / 0.25 inH₂O)

Dimensions: 120 x 120 x 38 mm

Frame Material: Die-Cast Aluminum

Impeller Material: PBT (UL94V-0)

Insulation Class: Class B

Noise Level: 44.0 dB(A)

Weight: 550 g

Life Expectancy: 50,000 Hours at 40°C

Operating Temperature: -10°C to +70°C

Termination: Lead Wires

Ingress Protection: IP20

Safety Certifications: CE, TUV, UL, cUL

This cooling solution is specifically calibrated for high-reliability environments such as elevator control systems, industrial automation equipment, and server cabinet ventilation. The AA1282DB-AW provides the necessary thermal dissipation required to maintain optimal operating temperatures in enclosed electronics, preventing thermal throttling and component degradation. Integrators frequently deploy the AA1282DB-AW in CNC machinery and telecommunications racks where consistent AC-powered air exchange is mandatory for system stability.

Supplemental Images

