DAA1230-D2250A ARX 12VDC 120x120x30mm PWM Axial Fan Datasheet

Brand: ARX

SKU: 844825462489

Category: Axial & Centrifugal Fans

Price: **$13.99**

E-mail: sales@equipspares.com

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Product Page:
https://www.equipspares.com/product/daa1230-d2250a-arx-12vdc-120x120x30mm-pwm-axial-fan

Product Description

The ARX DAA1230-D2250A is a high-efficiency DC Axial Fan engineered for rigorous industrial thermal management applications. Featuring a robust motor assembly and precision-balanced impeller, this unit minimizes thermal impedance while maintaining structural rigidity under continuous operation. The fan utilizes a specialized bearing system designed to extend operational lifespan and reduce frictional coefficients. With its 4-wire PWM configuration, the device offers precise speed regulation, allowing for adaptive cooling strategies that optimize airflow relative to system load. This aerodynamic profile ensures superior static pressure capabilities, making it an essential component for maintaining thermal equilibrium in densely populated electronic enclosures.

Model Number: DAA1230-D2250A
Brand: ARX
Product Type: DC Axial Fan
Rated Voltage: 12VDC
Voltage Range: 7.0 - 13.2 VDC
Rated Current: 0.45 A
Power: 5.4 W
Rated Speed: 2800 RPM
Bearing Type: CeraDyna / Ball Bearing
Max. Air Flow: 98.5 CFM (167.3 m^3/h)

Max. Static Pressure: 6.8 mmH_2O (66.7 Pa)
Dimensions: 120 x 120 x 30 mm
Weight: 240 g
Life Expectancy: 50000 hrs at 40°C
Speed Control: 4-Wire PWM
Housing Material: PBT (UL94V-0)
Impeller Material: PBT (UL94V-0)
Termination: 4-Wire Lead
Operating Temperature: -10 to +70 °C
Storage Temperature: -40 to +70 °C

The DAA1230-D2250A is specifically engineered for integration into high-performance computing clusters and rack-mounted server chassis where continuous airflow is critical. Engineers often select the DAA1230-D2250A for use in automated optical inspection systems, telecommunications base stations, and industrial power inverters, ensuring sensitive components remain within safe operating temperature ranges during peak loads.

Supplemental Images