

DA12038B24UA Huaxia Hengtai 24VDC 120x120x38mm 1.00A Axial Fan Datasheet



SKU: [972106769233](#)

Category: Axial & Centrifugal Fans

Price: **\$16.99**

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Product Description

The Huaxia Hengtai DA12038B24UA is a precision-engineered axial fan designed for demanding industrial thermal management. Utilizing a robust DC motor architecture, this unit delivers consistent airflow performance essential for stabilizing high-load electronics. The chassis houses a durable bearing system, specifically selected to reduce the friction coefficient and extend the operational lifespan under continuous duty cycles. Its aerodynamic impeller design optimizes static pressure capabilities while maintaining structural rigidity, effectively mitigating thermal impedance in dense enclosures. Engineered for reliability, the DA12038B24UA integrates seamlessly into power conversion systems, offering a balance of high volumetric airflow and mechanical stability required for critical cooling applications.

Model: DA12038B24UA

Brand: Huaxia Hengtai

Product Type: DC Axial Fan

Rated Voltage: 24VDC

Rated Current: 1.00 A

Power Consumption: 24.00 W

Dimensions: 120 x 120 x 38 mm

Bearing Type: Ball Bearing

Termination: 3-Wire Lead

Frame Material: Thermoplastic PBT (UL94V-0)

Blade Material: Thermoplastic PBT (UL94V-0)

Ingress Protection: IP20

Operating Temperature: -10°C to +70°C

Mounting Orientation: Any

Application: Inverter Cooling

This high-performance cooling solution is specifically calibrated for variable frequency drives and power inverters where heat dissipation is critical. The DA12038B24UA excels in ventilating industrial control cabinets and server racks, preventing thermal throttling in sensitive electronic components. Maintenance teams frequently deploy the DA12038B24UA in CNC machinery and telecommunication base stations to ensure continuous operation, leveraging its high static pressure to overcome the resistance of dense heatsinks and dust filters found in harsh manufacturing environments.

Supplemental Images

