

DA06010B24MA Hengtai 24VDC 60x60x10mm DC Axial Fan Datasheet



SKU: [980996617887](#)

Category: Axial & Centrifugal Fans

Price: **\$11.99**

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Product Description

The Hengtai DA06010B24MA is a precision-engineered DC Axial Fan designed for high-density industrial applications requiring efficient thermal management within a compact footprint. Utilizing advanced double ball bearing architecture, this unit ensures reduced frictional coefficients and extended operational service life under continuous load. The aerodynamic impeller design optimizes airflow dynamics to minimize thermal impedance while maintaining structural rigidity. Engineered for reliability, the DA06010B24MA delivers consistent cooling performance, making it an ideal solution for maintaining optimal operating temperatures in sensitive electronic components and power conversion systems where a slim profile is essential.

Model Number: DA06010B24MA

Brand: Hengtai (Huaxia Hengtai)

Product Type: DC Axial Fan

Rated Voltage: 24VDC

Voltage Range: 14.0 - 27.6 VDC

Rated Current: 0.10 A

Power Consumption: 2.40 W

Rated Speed: 4500 RPM (Estimated based on current/size)

Bearing Type: Double Ball Bearing

Max. Air Flow: 18.5 CFM (31.4 m³/h)

Max. Static Pressure: 3.2 mmH₂O (31.4 Pa)

Dimensions: 60 x 60 x 10 mm

Weight: 28 g

Life Expectancy: 50,000 Hours at 40°C

Termination: 2-Wire Lead

Housing Material: PBT (UL94V-0)

Blade Material: PBT (UL94V-0)

Operating Temperature: -10°C to +70°C

Storage Temperature: -40°C to +70°C

Mounting Orientation: Any

Ingress Protection: IP20

Application: Inverter Cooling, Industrial Equipment

This industrial-grade cooling solution is specifically calibrated for integration into variable frequency drives and power inverters where space is at a premium. The DA06010B24MA excels in ventilating compact electronic enclosures, server rack sub-assemblies, and telecommunication modules. By effectively dissipating heat generated during power conversion, the DA06010B24MA safeguards critical circuitry in CNC machinery and automation control panels, ensuring system stability and preventing thermal throttling in demanding operational environments.

Supplemental Images

