

DA06025B24HA-IP54 Huaxia Hengtai 24VDC 60x60x25mm Axial Fan Datasheet



SKU: [710306674875](#)

Category: Axial & Centrifugal Fans

Price: **\$5.99**

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Product Description

The Huaxia Hengtai DA06025B24HA-IP54 is a precision-engineered DC Axial Fan designed for critical thermal management in rigorous industrial environments. Utilizing a robust Dual Ball Bearing architecture, this unit ensures minimized rotational friction and significantly extended operational longevity under continuous load. The aerodynamic impeller design is optimized to deliver high static pressure capabilities while maintaining efficient airflow dynamics, reducing thermal impedance within dense enclosures. Encased in a durable housing with IP54 ingress protection, the fan offers superior resistance to dust and moisture, ensuring structural rigidity and reliable performance in challenging operational conditions.

Model Number: DA06025B24HA-IP54

Brand: Huaxia Hengtai

Product Type: DC Axial Fan

Rated Voltage: 24VDC

Voltage Range: 14.0 - 27.6 VDC

Rated Current: 0.18 A

Power Input: 4.32 W

Rated Speed: 5000 RPM

Bearing Type: Dual Ball Bearing

Max. Air Flow: 23.5 CFM (39.9 m³/h / 0.66 m³/min)

Max. Static Pressure: 6.8 mmH₂O (66.6 Pa / 0.27 inH₂O)

Dimensions: 60x60x25mm

Weight: 65 g

Life Expectancy: 50,000 Hours at 40°C

Ingress Protection: IP54

Noise Level: 36 dBA

Housing Material: PBT Plastic (UL94V-0)

Impeller Material: PBT Plastic (UL94V-0)

Termination: 2-Wire Lead

Operating Temperature: -10°C to +70°C

Storage Temperature: -40°C to +70°C

Mounting Orientation: Any

The DA06025B24HA-IP54 is specifically engineered for high-demand industrial applications requiring reliable heat dissipation in compact footprints. It is frequently utilized in variable frequency drives (VFDs), server racks, and automation control cabinets where internal component density restricts airflow. The IP54 rating makes the DA06025B24HA-IP54 particularly suitable for CNC machinery and power supply units operating in dusty or humid factory environments, ensuring component stability and system longevity.

Supplemental Images

