

DA06025B24UR 24V 0.19A 60mm 6015 DC Axial Fan

SKU: DA06025B24UR

Price: \$9.99

Categories: Fans

Product Link:

<https://www.elecspares.com/product/da06025b24ur-24v-0-19a-60mm-6015-dc-axial-fan/>

Product Description

The Huaxia Hengtai DA06025B24UR is a high-efficiency 24 VDC industrial DC axial fan with dimensions of 60 x 60 x 25 mm, engineered for continuous thermal regulation in demanding environments. This unit utilizes a precision-engineered 7-blade impeller driven by a high-torque brushless DC motor, which maintains a powerful 4.80 W power profile for efficient air displacement. Its structural integrity is anchored by a reinforced thermoplastic PBT frame and a premium dual ball bearing system, ensuring exceptional mechanical longevity. The 3-wire configuration provides a dedicated Speed Sensor (FG) signal, offering a robust and modular electrical connection ideal for high-reliability systems such as industrial power rectifiers, network switches, and compact server enclosures requiring significant static pressure.

DA06025B24UR Fan Parameters

Manufacturer: Huaxia Hengtai

Model Number: DA06025B24UR

Industry Size Code: 6025

Type: DC Axial Fan

Bearing Type: Dual Ball Bearing

Nominal Voltage: 24 VDC

Voltage Range: 14.0 - 27.6 VDC

Starting Voltage: 14.0 VDC

Dimensions: 60 x 60 x 25 mm

Weight: 75 g

[Electrical Data]

Input Power: 4.80 W

Nominal Current: 0.20 A

Max. Current: 0.28 A

Nominal Speed: 6500 RPM (Tolerance $\pm 10\%$)

Motor Design: Brushless DC Motor

Signal Output: FG (Frequency Generator/Tachometer)

Motor Protection: Auto Restart, Polarity Protection, Locked Rotor Protection

Insulation Class: Class A

Insulation Resistance: >10M ohm at 500 VDC

Dielectric Strength: 500 VAC for 1 minute

Termination: 3-Lead wires

[Performance & Acoustics]

Max. Air Flow: 62.23 CFM (105.7 m³/h / 1.76 m³/min)

Max. Static Pressure: 9.81 mmH₂O (96.24 Pa / 0.39 inH₂O)

Sound Pressure Level: 45.5 dB(A) (Measured at 1 meter)

Number of Blades: 7

Direction of Rotation: Counter-clockwise (viewed toward impeller)

Airflow Direction: Intake over struts

[Materials & Construction]

Frame Material: Thermoplastic PBT (Black, UL94V-0)

Impeller Material: Thermoplastic PBT (Black, UL94V-0)

Installation Position: Any

Degree of Protection: IP54

[Reliability & Safety Standards]

Min. Ambient Temperature: -10 °C

Max. Ambient Temperature: 70 °C

Life Expectancy (L10): 70,000 hours at 40 °C

Standard Compliance: UL 507, CSA C22.2, EN 60950-1

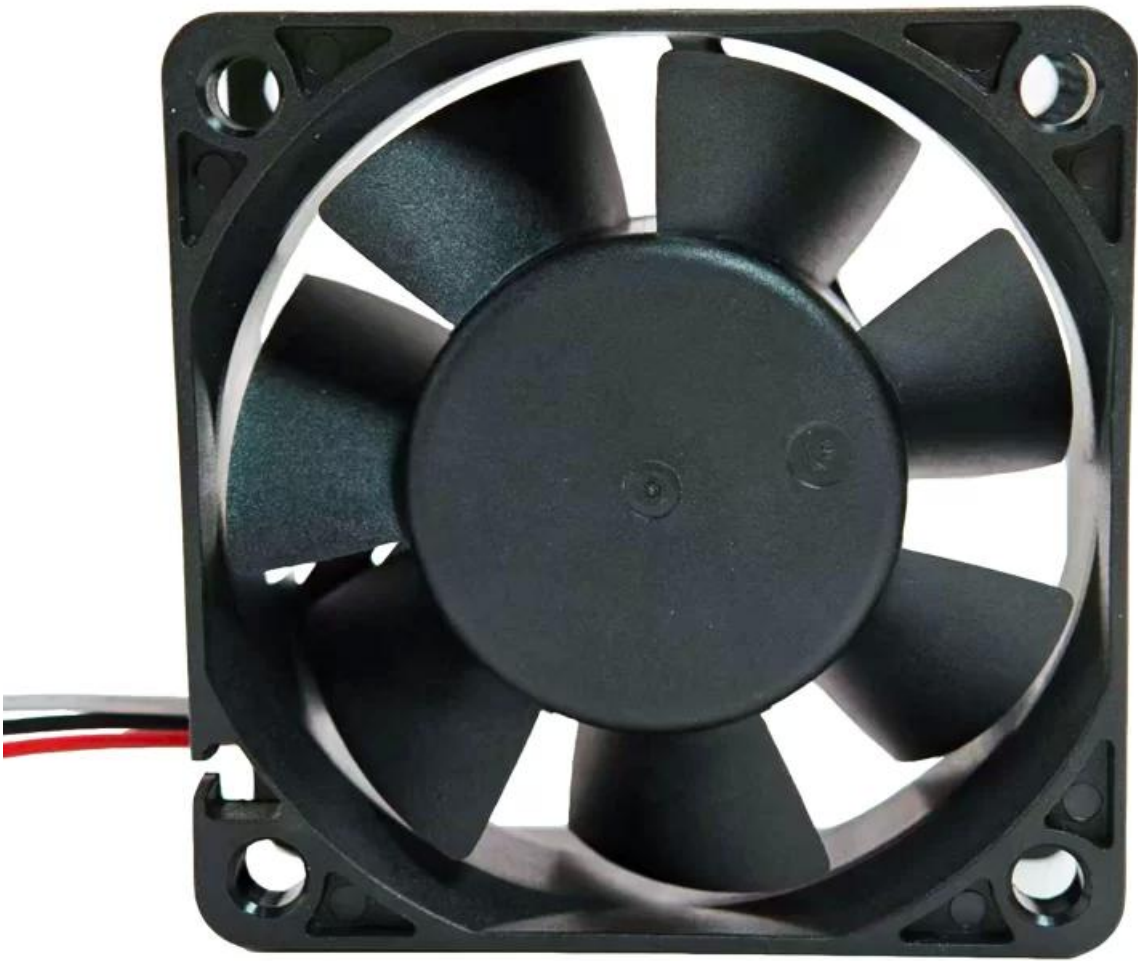
Approval Agency: UL, TUV, CE, RoHS

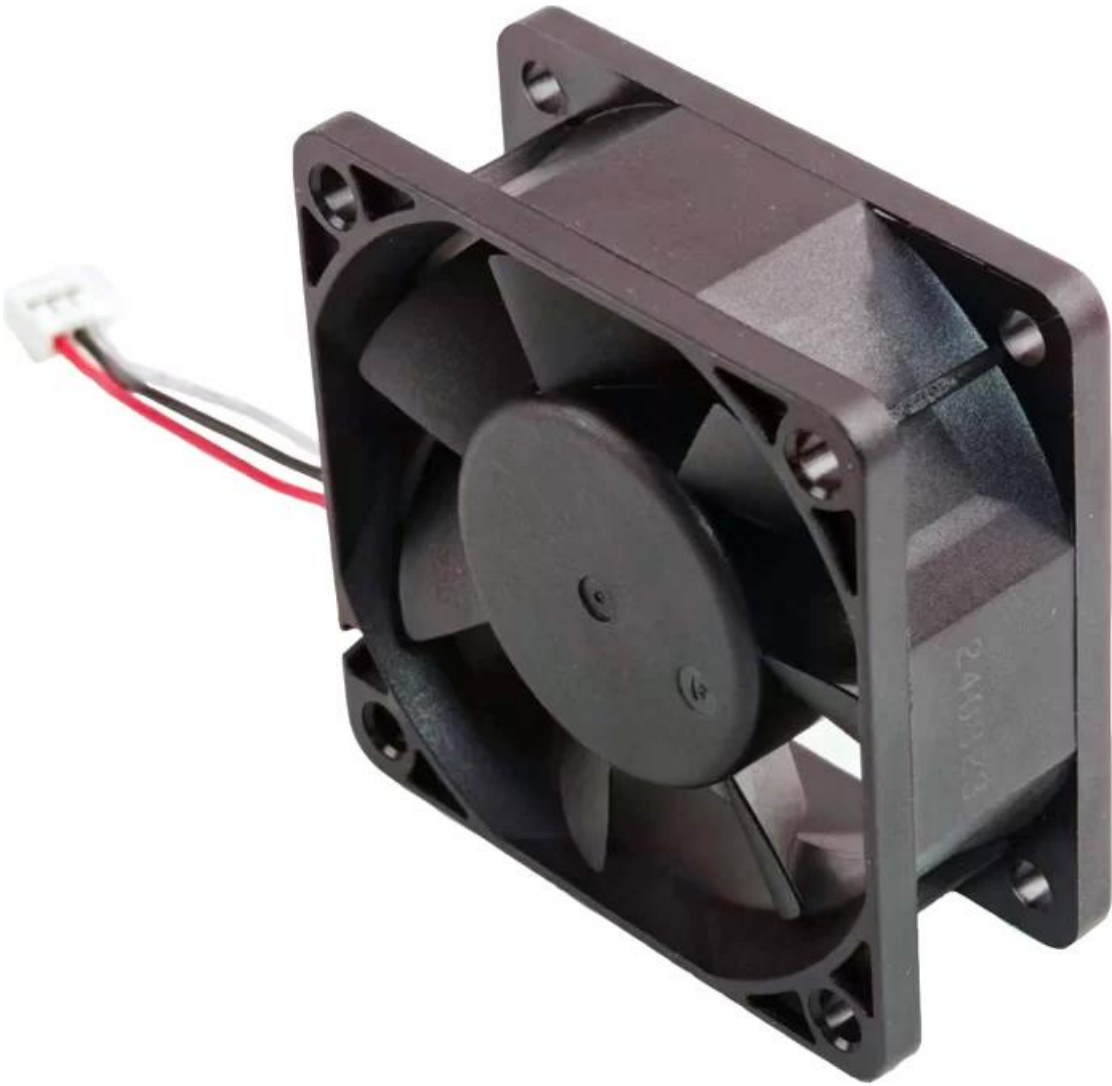
Application

The Huaxia Hengtai DA06025B24UR axial fan is used in industrial power supplies, telecommunications equipment racks, CNC controller cooling, network switches, and 24V DC motor drives.

Product Images









Scan for product details:

