

AD06024VB257100 ADDA 24VDC 0.23A 60x60x25mm Axial Fan Datasheet



Brand: ADDA

SKU: 833607885803

Category: Axial & Centrifugal Fans

Price: \$15.99

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Product Page:

<https://www.equipspares.com/product/ad06024vb257100-adda-24vdc-0-23a-60x60x25mm-axial-fan>

Product Description

The ADDA AD06024VB257100 is a precision-engineered DC Axial Fan designed for demanding industrial thermal management applications. Operating at a rated voltage of 24VDC with a current draw of 0.23A, this unit utilizes advanced ball bearing architecture to ensure reduced friction coefficient and extended operational longevity under continuous load. The aerodynamic impeller design optimizes static pressure capabilities while maintaining efficient airflow, effectively lowering thermal impedance in high-density electronic enclosures. Constructed with a robust thermoplastic frame providing structural rigidity, the AD06024VB257100 delivers reliable cooling performance essential for maintaining system stability in inverter and automation environments.

Model Number: AD06024VB257100

Brand: ADDA

Product Type: DC Axial Fan

Rated Voltage: 24VDC

Voltage Range: 20.4 - 27.6 VDC

Rated Current: 0.23 A

Power Consumption: 5.52 W

Rated Speed: 4500 RPM (Nominal)

Bearing Type: Ball Bearing

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

Max. Static Pressure: 5.8 mmH₂O (56.8 Pa / 0.23 inH₂O)

Dimensions: 60x60x25mm

Weight: 58 g

Life Expectancy: 70,000 Hours at 40°C

Noise Level: 34.0 dB(A)

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

Safety Certifications: UL, cUL, TUV, CE

The AD06024VB257100 is specifically calibrated for integration into industrial frequency inverters and variable speed drives where consistent heat dissipation is critical for component longevity. Its compact form factor allows for seamless installation in server racks, CNC control panels, and telecommunications equipment requiring reliable forced air convection. By mitigating hotspots in power electronics, the AD06024VB257100 ensures optimal performance in automation systems and heavy-duty power supplies.

Supplemental Images

