AD06024XB257000 ADDA 24VDC 60x60x25mm 2-Wire Axial Fan Datasheet

Brand: ADDA

SKU: 1000762590801

Category: Axial & Centrifugal Fans

Price: **$13.99**

E-mail: sales@equipspares.com

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Product Page:
https://www.equipspares.com/product/ad06024xb257000-adda-24vdc-60x60x25mm-2-wire-axial-fan

Product Description

The ADDA AD06024XB257000 is a precision-engineered DC axial fan designed for critical thermal management in industrial environments. Utilizing advanced brushless DC motor technology, this unit ensures consistent rotational stability and reduced electromagnetic interference. The structural integrity is reinforced by a robust frame housing, optimized for high static pressure delivery within compact enclosures. Its aerodynamic impeller design minimizes turbulence while maximizing airflow efficiency, resulting in a favorable thermal impedance profile. Equipped with a durable double ball bearing system, the AD06024XB257000 maintains operational reliability under continuous duty cycles, making it an essential component for maintaining optimal operating temperatures in sensitive electronic assemblies.

Model Number: AD06024XB257000
Brand: ADDA
Product Type: DC Axial Fan
Rated Voltage: 24VDC
Voltage Range: 14.0 - 27.6 VDC
Rated Current: 0.19 A
Input Power: 4.56 W
Rated Speed: 5200 RPM (Nominal)
Bearing Type: Double Ball Bearing

Max. Air Flow: 23.2 CFM (39.4 m^3/h / 0.65 m^3/min)
Max. Static Pressure: 6.8 mmH_2O (66.6 Pa / 0.27 inH_2O)
Dimensions: 60x60x25mm
Weight: 58 g
Life Expectancy: 70,000 Hours at 40°C
Termination: 2-Wire (Red/Black) with 2.54mm Terminal
Housing Material: PBT Plastic (UL94V-0)
Blade Material: PBT Plastic (UL94V-0)
Motor Type: Brushless DC
Operating Temperature: -10°C to +70°C
Storage Temperature: -40°C to +70°C
Ingress Protection: IP20
Noise Level: 36.0 dB(A)
Mounting Orientation: Any

Designed for rigorous industrial applications, the AD06024XB257000 excels in environments requiring reliable forced air cooling. This model is frequently integrated into variable frequency drive (VFD) inverters, server chassis, and industrial automation control panels where space is limited but heat dissipation is critical. The AD06024XB257000 provides the necessary airflow to prevent thermal throttling in power supplies and telecommunications equipment, ensuring system longevity and performance stability in continuous operation scenarios.

Supplemental Images