AD08024XB327B00 ADDA 24VDC 80x80x25mm 4-Wire Axial Fan Datasheet

Brand: ADDA

SKU: 989991384430

Category: Axial & Centrifugal Fans

Price: **$17.99**

E-mail: sales@equipspares.com

Web: https://www.equipspares.com

Product Page:
https://www.equipspares.com/product/ad08024xb327b00-adda-24vdc-80x80x25mm-4-wire-axial-fan

Product Description

The ADDA AD08024XB327B00 is a precision-engineered DC Axial Fan designed for demanding thermal management applications requiring high static pressure and airflow throughput. Utilizing advanced DC brushless motor technology coupled with a robust dual ball bearing system, this unit ensures minimized friction and extended operational longevity under continuous load. The aerodynamic impeller geometry is optimized to reduce turbulence while maximizing air delivery, effectively lowering thermal impedance within dense electronic enclosures. Constructed with high-grade thermoplastic materials, the frame offers superior structural rigidity and vibration damping, making it an ideal solution for critical cooling environments where reliability and performance stability are paramount.

Model Number: AD08024XB327B00
Brand: ADDA
Product Type: DC Axial Fan
Rated Voltage: 24 VDC
Voltage Range: 21.6 - 26.4 VDC
Rated Current: 0.85 A
Power Input: 20.4 W
Rated Speed: 6000 RPM (Nominal)
Bearing Type: Dual Ball Bearing

Max. Air Flow: 68.5 CFM (116.3 m^3/h / 1.94 m^3/min)
Max. Static Pressure: 14.2 mmH_2O (139.2 Pa / 0.56 inH_2O)
Dimensions: 80 x 80 x 25 mm
Weight: 86 g
Life Expectancy: 70,000 Hours at 40°C
Noise Level: 52.0 dB(A)
Speed Control: 4-Wire (PWM/Tachometer)
Frame Material: PBT Thermoplastic (UL94V-0)
Impeller Material: PBT Thermoplastic (UL94V-0)
Operating Temperature: -10°C to +70°C
Storage Temperature: -40°C to +70°C
Termination: Lead Wires (UL1007 AWG24)
Ingress Protection: IP20 (Standard)
Safety Certifications: UL, cUL, TUV, CE
Motor Protection: Locked Rotor Protection, Reverse Polarity Protection

This high-performance cooling solution is specifically engineered for integration into high-density server racks, telecommunications base stations, and industrial automation equipment where heat dissipation is critical. The AD08024XB327B00 excels in forced convection cooling for power supplies and networked storage devices, ensuring component stability during peak operation. Additionally, the AD08024XB327B00 is frequently utilized in CNC machinery control panels and medical instrumentation, providing consistent airflow to prevent thermal throttling in sensitive electronic circuits.

Supplemental Images


ADDA
DC BRUSHLESS
MODEL AD08024XB327B00
DC 24V
0.85A
ADDA CORP.
ZD
TY
EP