

AD0824VB-A71GP ADDA 24VDC 80x80x25mm Axial Fan Datasheet



Brand: ADDA

SKU: [898363938757](#)

Category: Axial & Centrifugal Fans

Price: **\$15.99**

E-mail: sales@equipspares.com

Web: <https://www.equipspares.com>

Product Page: <https://www.equipspares.com/product/ad0824vb-a71gp-adda-24vdc-80x80x25mm-axial-fan>

Product Description

The ADDA AD0824VB-A71GP is a precision-engineered DC Axial Fan designed for critical thermal management in industrial environments. Utilizing advanced DC brushless motor technology combined with a durable two-ball bearing architecture, this unit ensures minimal friction and extended operational longevity under continuous load. The aerodynamic impeller design optimizes airflow dynamics to reduce thermal impedance within high-density enclosures, while the reinforced PBT housing provides necessary structural rigidity. This component is specifically calibrated for stability and efficiency in demanding electrical applications, offering a robust solution for heat dissipation in power electronics.

Model Number: AD0824VB-A71GP

Brand: ADDA

Product Type: DC Axial Fan

Rated Voltage: 24VDC

Voltage Range: 14.0 - 27.6 VDC

Rated Current: 0.38 A

Input Power: 9.12 W

Rated Speed: 4200 RPM

Bearing Type: Two Ball Bearing

Max. Air Flow: 60.0 CFM (101.9 m³/h / 1.70 m³/min)

Max. Static Pressure: 8.1 mmH₂O (79.4 Pa / 0.32 inH₂O)

Dimensions: 80 x 80 x 25 mm

Weight: 86 g

Life Expectancy: 70,000 Hours at 40°C

Noise Level: 42.5 dB-A

Housing Material: PBT (UL94V-0)

Impeller Material: PBT (UL94V-0)

Ingress Protection: IP20

Insulation Class: Class A

Operating Temperature: -10°C to +70°C

Storage Temperature: -40°C to +70°C

Termination: Lead Wires

Mounting Orientation: Any

Safety Approvals: CE, TUV, UL, cUL

The AD0824VB-A71GP is engineered for robust performance in industrial automation and power conversion systems. It serves as a critical cooling component in variable frequency drives (VFDs) and solar inverters, ensuring optimal operating temperatures for sensitive power electronics. Additionally, the AD0824VB-A71GP is widely utilized in server rack ventilation, CNC machinery control cabinets, and telecommunications equipment where consistent airflow is required to prevent thermal throttling and component degradation.

Supplemental Images

