

AD0824MB-A70GL ADDA 24VDC 80x80x25mm Axial Fan Datasheet



Brand: ADDA

SKU: 970594316199

Category: Axial & Centrifugal Fans

Price: \$9.99

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Product Page: <https://www.equipspares.com/product/ad0824mb-a70gl-adda-24vdc-80x80x25mm-axial-fan>

Product Description

The ADDA AD0824MB-A70GL is a precision-engineered DC axial fan designed for critical thermal management in industrial electronics. This unit utilizes a high-efficiency brushless DC motor architecture coupled with a durable ball bearing system, ensuring consistent rotational stability and reduced friction over extended operational periods. The aerodynamic impeller design is optimized to balance airflow delivery against static pressure requirements, effectively minimizing thermal impedance within dense enclosures. Constructed with structural rigidity in mind, the housing and impeller are molded from UL94V-0 rated thermoplastic, providing robust resistance to flammability and environmental stress. The AD0824MB-A70GL is specifically calibrated to deliver reliable cooling performance while maintaining acoustic levels suitable for noise-sensitive environments.

Model Number: AD0824MB-A70GL

Brand: ADDA

Product Type: DC Axial Fan

Rated Voltage: 24VDC

Voltage Range: 14.0 - 27.6 VDC

Rated Current: 0.10 A

Power Input: 2.40 W

Rated Speed: 3000 RPM

Bearing Type: Two Ball Bearing

Max. Air Flow: 39.0 CFM (1.10 m³/min)

Max. Static Pressure: 0.15 inH₂O (3.81 mmH₂O)

Dimensions: 80 x 80 x 25 mm

Weight: 86 g

Noise Level: 34.4 dB-A

Life Expectancy: 70,000 Hours at 40°C

Housing Material: PBT (UL94V-0)

Impeller Material: PBT (UL94V-0)

Termination: Lead Wires (UL1007, 24AWG)

Operating Temperature: -10°C to +70°C

Storage Temperature: -40°C to +70°C

Protection: Impedance Protected, Reverse Polarity Protection

Safety Certifications: UL, CUL, TUV, CE

The AD0824MB-A70GL is frequently deployed in variable frequency drive (VFD) cooling systems where consistent airflow is paramount for component longevity. Its robust design makes the AD0824MB-A70GL suitable for server rack ventilation, telecommunications cabinets, and industrial automation control panels. Additionally, this model serves effectively in medical instrumentation and power supply units requiring a balance between compact form factor and thermal dissipation capacity.

Supplemental Images

