# AD0424HB-G70 ADDA 24VDC 40x40x10mm Cooling Axial Fan Datasheet


**Brand:** ADDA

**SKU:** 835635228754

**Category:** Axial & Centrifugal Fans

**Price:** **$14.99**

**E-mail:** sales@equipspares.com

**Web:** https://www.equipspares.com

Product Page:
https://www.equipspares.com/product/ad0424hb-g70-adda-24vdc-40x40x10mm-cooling-axial-fan

## Product Description

The ADDA AD0424HB-G70 is a precision-engineered DC axial fan designed for high-reliability thermal management applications. Utilizing advanced double ball bearing architecture, this unit ensures minimized friction coefficients and extended operational longevity under continuous loads. The aerodynamic impeller design optimizes airflow efficiency while maintaining structural rigidity, effectively reducing thermal impedance in compact electronic enclosures. Constructed with durable UL94V-0 rated thermoplastic, the AD0424HB-G70 delivers consistent cooling performance, making it an ideal solution for maintaining optimal operating temperatures in sensitive industrial and surveillance hardware.

Model Number: AD0424HB-G70
Brand: ADDA
Product Type: DC Axial Fan
Rated Voltage: 24VDC
Voltage Range: 21.6 - 26.4 VDC
Rated Current: 0.09 A
Input Power: 2.16 W
Rated Speed: 6000 RPM
Bearing Type: Double Ball Bearing
Max. Air Flow: 6.7 CFM (11.38 $m^3/h$ / 0.19 $m^3/min$)

Max. Static Pressure: 2.92 mm$H_2O$ (28.6 Pa / 0.11 in$H_2O$)
Dimensions: 40 x 40 x 10 mm
Weight: 17 g
Life Expectancy: 70,000 Hours at 40°C
Noise Level: 29.0 dB(A)
Housing Material: PBT Thermoplastic (UL94V-0)
Impeller Material: PBT Thermoplastic (UL94V-0)
Termination: Lead Wires (UL1007 AWG26)
Operating Temperature: -10°C to +70°C
Storage Temperature: -40°C to +70°C
Ingress Protection: IP20
Safety Certifications: UL, CUL, TUV, CE

The AD0424HB-G70 is specifically engineered for integration into compact electronic assemblies where space is constrained but reliability is paramount. Commonly deployed within surveillance systems such as Dahua monitoring equipment, the AD0424HB-G70 ensures critical components remain within safe thermal limits during 24/7 operation. Its robust design also suits network switches, small form-factor power supplies, and industrial automation controllers requiring consistent forced-air cooling.

## Supplemental Images