AD0405MB-G72 ADDA 5VDC 0.15A 40x40x10mm Axial Fan Datasheet

Brand: ADDA

SKU: 722495646272

Category: Axial & Centrifugal Fans

Price: **$14.99**

E-mail: sales@equipspares.com

Web: https://www.equipspares.com

Product Page:
https://www.equipspares.com/product/ad0405mb-g72-adda-5vdc-0-15a-40x40x10mm-axial-fan

Product Description

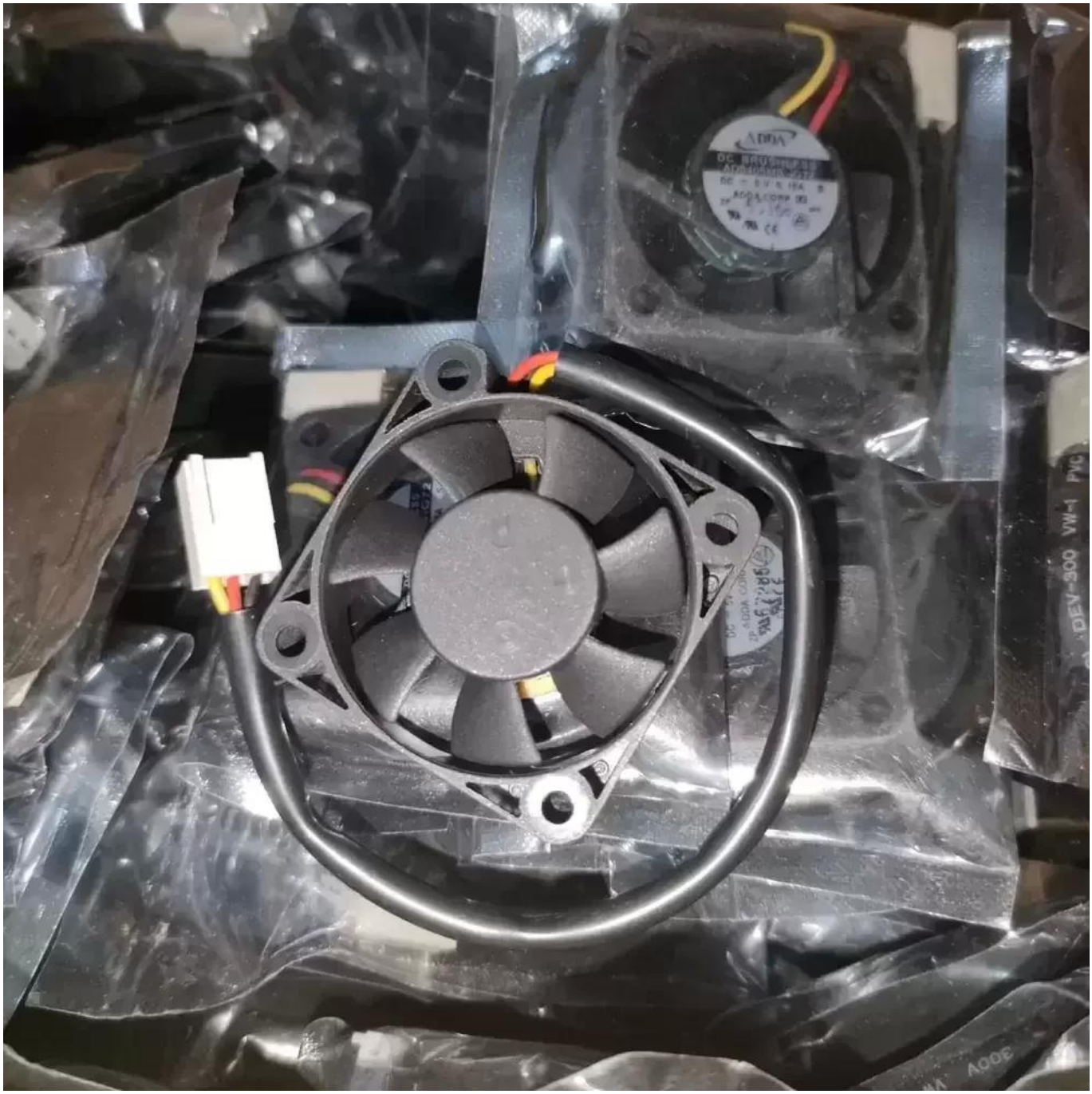
The ADDA AD0405MB-G72 is a precision-engineered DC Axial Fan designed for compact thermal management solutions requiring reliable airflow and structural rigidity. Utilizing advanced DC brushless motor technology paired with a durable Dual Ball Bearing system, this unit ensures minimal friction and extended operational longevity under continuous loads. The aerodynamic impeller design is optimized to reduce thermal impedance while maintaining a balanced acoustic profile, making it suitable for sensitive electronic enclosures. The robust frame construction provides stability, mitigating vibration-induced noise during high-speed operation, while the integrated tachometer signal facilitates active system monitoring.

Model Number: AD0405MB-G72
Brand: ADDA
Product Type: DC Axial Fan
Rated Voltage: 5VDC
Voltage Range: 4.5 - 5.5 VDC
Rated Current: 0.15 A
Power Consumption: 0.75 W
Rated Speed: 5800 RPM
Bearing Type: Dual Ball Bearing
Max. Air Flow: 6.7 CFM (11.38 m^3/h / 0.19 m^3/min)

Max. Static Pressure: 2.92 mmH_2O (28.63 Pa / 0.11 inH_2O)
Dimensions: 40 x 40 x 10 mm
Weight: 18 g
Life Expectancy: 70,000 Hours at 40°C
Noise Level: 26.0 dB(A)
Termination: 3-Wire Leads with Tachometer Output
Speed Control: Frequency Generator (FG) Signal
Housing Material: PBT Plastic (UL94V-0)
Impeller Material: PBT Plastic (UL94V-0)
Operating Temperature: -10°C to +70°C
Storage Temperature: -40°C to +70°C
Safety Approvals: UL, CUL, TUV, CE
Protection: Impedance Protected, Reverse Polarity Protection

The AD0405MB-G72 is engineered for critical cooling applications where space is constrained but reliability cannot be compromised. Common deployments include compact server racks, network switches, and industrial automation controllers requiring active thermal dissipation. The AD0405MB-G72 is also frequently utilized in medical instrumentation and precision optical equipment, ensuring components remain within safe operating temperature ranges. Its tachometer signal allows for real-time fan speed monitoring, making it ideal for intelligent systems that require fault detection and preventative maintenance protocols.

Supplemental Images


ADDA
DEV-300 VW-1 PVC