

AD0405LX-K90 ADDA 5V DC Axial Fan 40mm

SKU: AD0405LX-K90

Price: \$9.99

Categories: Fans

Tags: ADDA

Product Link:

<https://www.electspares.com/product/ad0405lx-k90-adda-5v-dc-axial-fan-40mm/>

Product Description

The ADDA AD0405LX-K90 is a high-performance DC Axial Fan with dimensions of 40 x 40 x 7 mm. It operates on a nominal voltage of 5 VDC. The fan achieves a speed of 4500 RPM, consuming 0.25 W of power and drawing a maximum current of 0.05 A. It delivers a maximum air flow of 6.42 m³/h (3.78 CFM) and a maximum static pressure of 10.0 Pa (0.04 inAq). This 9-blade fan utilizes an ultra-quiet Sleeve Bearing system and is ideal for cooling compact electronic devices, embedded systems, and mini PCs with extremely limited vertical space.

AD0405LX-K90 Fan Parameters

Model: AD0405LX-K90

Manufacturer: ADDA

Type: MINI DC Axial Fan

Dimensions (measuring): 40 x 40 x 7 mm

Nominal Voltage: 5 VDC

Voltage Range: 4.5 VDC ~ 5.5 VDC

Speed: 4500 RPM

Power Consumption: 0.25 W

Current Draw: 0.05 A

Max. Airflow: 6.42 m³/h (3.78 CFM)

Max. Static Pressure: 10.0 Pa (0.04 inAq)

Noise Level: 19.5 dB(A)

Weight: 0.015 kg

Housing Material: Thermoplastic PBT (UL94V-0)

Impeller Material: Thermoplastic PBT (UL94V-0)

Number of Blades: 9

Bearing Type: Sleeve Bearing

Motor Design: Brushless DC Motor

Motor Protection: Locked Rotor Protection

Termination: 2 Wire Leads

Monitor Output: No

Service Life L10 at 40 °C: 30000 h

Min. Ambient Temperature: -10 °C

Max. Ambient Temperature: 70 °C

Approvals: UL, CE

Application

The ADDA AD0405LX-K90 fan is designed for compact, low-power applications requiring a super-slim profile and exceptionally quiet operation. Primary applications for the AD0405LX-K90 include cooling thin-profile single-board computers, portable electronic devices, ultra-slim hard drive enclosures, and miniature network components where minimal acoustic footprint and restricted space are paramount.

Product Images



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