

# AS08024HB389100 ADDA 24VDC 80x80x38mm 1.5A Axial Fan Datasheet



**Brand:** ADDA

**SKU:** [685631519503](#)

**Category:** Axial & Centrifugal Fans

**Price:** **\$28.99**

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Product Page:

<https://www.equipspares.com/product/as08024hb389100-adda-24vdc-80x80x38mm-1-5a-axial-fan>

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## Product Description

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The ADDA AS08024HB389100 is a DC Axial Fan engineered for critical thermal management applications requiring rapid heat dissipation and superior airflow velocity. Utilizing an advanced brushless DC motor architecture combined with a precision dual ball bearing system, this unit ensures exceptional rotational stability and a reduced friction coefficient under continuous high-load conditions. The aerodynamic impeller design features structurally rigid thermoplastic blades optimized to maximize static pressure delivery while minimizing turbulent airflow noise, effectively overcoming high system impedance. This high-density cooling solution is specifically calibrated to reduce thermal resistance in enclosed electronics, offering robust reliability and extended operational service life in harsh industrial environments where component longevity is paramount.

Model Number: AS08024HB389100

Brand: ADDA

Product Type: DC Axial Fan

Rated Voltage: 24 VDC

Voltage Range: 16.0 - 28.0 VDC

Rated Current: 1.50 A

Power Input: 36.0 W

Rated Speed: 9000 RPM

Bearing Type: Dual Ball Bearing

Max. Air Flow: 128.5 CFM (218.3 m<sup>3</sup>/h / 3.63 m<sup>3</sup>/min)  
Max. Static Pressure: 28.5 mmH<sub>2</sub>O (279.5 Pa / 1.12 inH<sub>2</sub>O)  
Dimensions: 80 x 80 x 38 mm  
Weight: 215 g  
Life Expectancy: 70,000 Hours at 40°C  
Noise Level: 64.5 dB(A)  
Housing Material: PBT Thermoplastic (UL94V-0)  
Blade Material: PBT Thermoplastic (UL94V-0)  
Ingress Protection: IP55  
Insulation Class: Class A  
Operating Temperature: -10°C to +70°C  
Storage Temperature: -40°C to +75°C  
Termination: 2-Wire Lead (Red +, Black -)  
Wire Gauge: AWG24  
Safety Approvals: UL, cUL, TUV, CE  
Features: Locked Rotor Protection, Polarity Protection

Designed for high-demand industrial scenarios, the AS08024HB389100 serves as a critical component in variable frequency drives (VFDs) and heavy-duty power inverters where thermal density is substantial. This unit is frequently integrated into high-density server racks, telecom base stations, and CNC machinery control cabinets to maintain optimal operating temperatures. The AS08024HB389100 excels in forcing air through dense heatsinks and restricted enclosures, ensuring sensitive electronic components such as IGBT modules and microprocessors remain within safe thermal limits, thereby preventing system throttling or thermal shutdown in mission-critical infrastructure.

## Supplemental Images

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