

# AD0824HB-F71DS ADDA 24VDC 80x80x38mm PWM Control Axial Fan Datasheet



**Brand:** ADDA

**SKU:** 758659618483

**Category:** Axial & Centrifugal Fans

**Price:** \$17.99

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Product Page:

<https://www.equipspares.com/product/ad0824hb-f71ds-adda-24vdc-80x80x38mm-pwm-control-axial-fan>

## Product Description

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The ADDA AD0824HB-F71DS is a Axial Fan engineered for demanding thermal management environments. Utilizing a brushless DC motor architecture, this unit integrates dual ball bearing systems to minimize thermal impedance and ensure long-term structural rigidity under continuous operation. The aerodynamic impeller design is optimized for high static pressure, facilitating efficient heat dissipation in restricted airflow paths. With integrated PWM speed control and tachometer feedback, the AD0824HB-F71DS provides precise cooling modulation, making it an essential component for industrial systems requiring robust reliability and sophisticated thermal regulation.

Model Number: AD0824HB-F71DS

Brand: ADDA

Product Type: Axial Fan

Rated Voltage: 24VDC

Voltage Range: 14.0 - 27.6 VDC

Rated Current: 0.40 A

Power: 9.6 W

Rated Speed: 5500 RPM

Bearing Type: Dual Ball Bearing

Max. Air Flow: 62.23 CFM (105.7 m<sup>3</sup>/h / 1.76 m<sup>3</sup>/min)

Max. Static Pressure: 9.81 mmH<sub>2</sub>O (96.24 Pa / 0.39 inH<sub>2</sub>O)

Dimensions: 80x80x38mm

Weight: 185 g

Life Expectancy: 70000 hours

Speed Control: PWM

Output Signal: Tachometer

Noise Level: 48.0 dB(A)

Housing Material: Plastic (UL94V-0)

Blade Material: Plastic (UL94V-0)

Termination: 4 Lead Wires

Operating Temperature: -10 to +70 C

Protection: Locked Rotor Protection, Reverse Polarity Protection

Certifications: UL, CUL, TUV, CE

The AD0824HB-F71DS is specifically designed for integration into high-performance server racks and telecommunications infrastructure where consistent airflow is critical. In industrial CNC machinery and medical diagnostic equipment, the AD0824HB-F71DS provides the necessary static pressure to overcome internal resistance. Its robust construction ensures stability in power inverter cooling and automated control systems.

## Supplemental Images

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