

# AG06012HB159B02 ADDA 12VDC 60x60x25mm PWM Axial Fan Datasheet



**Brand:** ADDA

**SKU:** 949084642129

**Category:** Axial & Centrifugal Fans

**Price:** **\$11.99**

---

**E-mail:** [sales@equipspares.com](mailto:sales@equipspares.com)

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

---

Product Page:

<https://www.equipspares.com/product/ag06012hb159b02-adda-12vdc-60x60x25mm-pwm-axial-fan>

---

## Product Description

---

The ADDA AG06012HB159B02 is a precision-engineered DC Axial Fan designed for high-reliability thermal management systems. Utilizing advanced brushless motor technology, this unit ensures consistent torque delivery and minimized electromagnetic interference. The rotor is supported by a robust dual ball bearing architecture, significantly enhancing structural rigidity and operational lifespan under continuous load. Its aerodynamic impeller design optimizes static pressure capabilities while maintaining a balanced thermal impedance profile, making it suitable for dense electronic enclosures requiring efficient heat dissipation.

Model Number: AG06012HB159B02

Brand: ADDA

Product Type: DC Axial Fan

Rated Voltage: 12 VDC

Voltage Range: 10.2 - 13.8 VDC

Rated Current: 0.18 A

Input Power: 2.16 W

Rated Speed: 4500 RPM

Bearing Type: Dual Ball Bearing

Max. Air Flow: 23.5 CFM (39.9 m<sup>3</sup>/h / 0.66 m<sup>3</sup>/min)

Max. Static Pressure: 5.8 mmH<sub>2</sub>O (56.8 Pa / 0.23 inH<sub>2</sub>O)

Dimensions: 60 x 60 x 25 mm

Weight: 72 g

Life Expectancy: 70,000 Hours at 40°C

Termination: 4-Wire Leads

Speed Control: PWM (Pulse Width Modulation)

Wire Assignment: Red(+), Black(-), Yellow(FG), Blue(PWM)

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

Noise Level: 34.0 dB-A

Safety Certifications: UL, CUL, TUV, CE

This cooling solution is engineered for critical industrial applications such as rack-mounted server chassis, telecommunications switching equipment, and precision medical instrumentation. The AG06012HB159B02 provides the necessary airflow to maintain optimal operating temperatures in compact power supply units and industrial automation controllers. By integrating the AG06012HB159B02, system integrators ensure long-term reliability in environments where thermal stability is paramount and space is restricted.

## Supplemental Images

---

