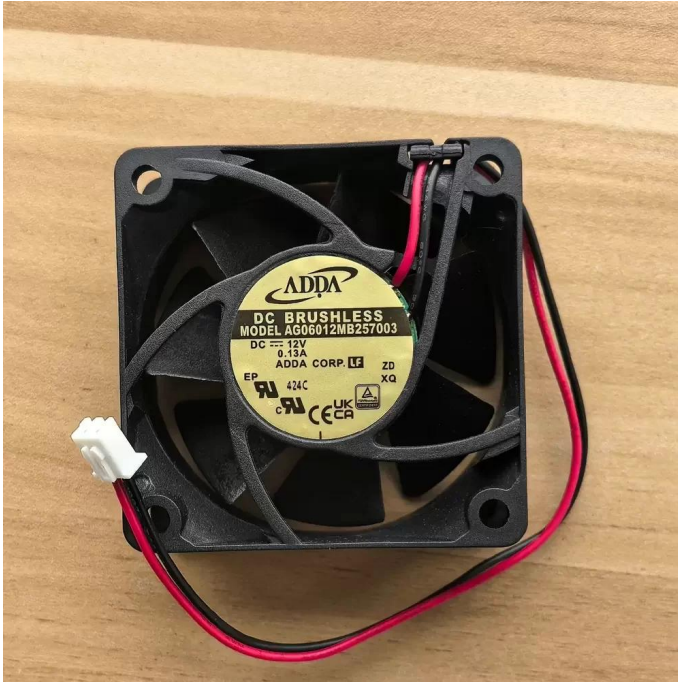


AG06012MB257003 ADDA 12VDC 60x60x25mm DC Axial Fan Datasheet



Brand: ADDA

SKU: [861399447544](#)

Category: Axial & Centrifugal Fans

Price: **\$7.99**

E-mail: sales@equipspares.com

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

Product Page:

<https://www.equipspares.com/product/ag06012mb257003-adda-12vdc-60x60x25mm-dc-axial-fan>

Product Description

The ADDA AG06012MB257003 is a DC Axial Fan engineered for precision thermal management in compact industrial enclosures. This unit features a robust Brushless DC motor architecture paired with a durable Ball Bearing system, ensuring consistent rotational stability and reduced friction over extended operational lifecycles. The aerodynamic impeller design is optimized to minimize turbulence while maximizing airflow efficiency, effectively lowering thermal impedance within high-density electronic assemblies. Constructed with high-grade thermoplastic housing, the AG06012MB257003 maintains structural rigidity under thermal stress, making it an ideal solution for critical cooling applications requiring reliability and sustained performance.

Model Number: AG06012MB257003

Brand: ADDA

Product Type: DC Axial Fan

Rated Voltage: 12VDC

Voltage Range: 10.8 - 13.2 VDC

Rated Current: 0.13 A

Input Power: 1.56 W

Rated Speed: 3900 RPM

Bearing Type: Ball Bearing

Max. Air Flow: 20.5 CFM (34.8 m³/h / 0.58 m³/min)

Max. Static Pressure: 3.81 mmH₂O (37.36 Pa / 0.15 inH₂O)

Dimensions: 60 x 60 x 25 mm

Weight: 58 g

Life Expectancy: 70,000 Hours at 40°C

Noise Level: 29.0 dB(A)

Housing Material: PBT (UL94V-0)

Impeller Material: PBT (UL94V-0)

Termination: 2-Wire Leads

Operating Temperature: -10°C to +70°C

Storage Temperature: -40°C to +70°C

Ingress Protection: IP20

Safety Certifications: UL, CUL, TUV, CE

The AG06012MB257003 is frequently utilized in compact electronic systems where space is at a premium but reliable airflow is non-negotiable. Common deployment environments include small form-factor power supplies, network switches, and industrial automation control panels. The AG06012MB257003 provides the necessary static pressure to force air through dense component layouts in medical instrumentation and telecommunications equipment, ensuring critical components remain within safe operating temperature ranges during continuous duty cycles.

Supplemental Images

