

# AG06024MX257103 ADDA 24VDC 60x60x25mm Hypro Axial Fan Datasheet



**Brand:** ADDA

**SKU:** 990921555570

**Category:** Axial & Centrifugal Fans

**Price:** \$12.99

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Product Page:

<https://www.equipspares.com/product/ag06024mx257103-adda-24vdc-60x60x25mm-hypro-axial-fan>

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## Product Description

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The ADDA AG06024MX257103 is a precision-engineered DC axial fan designed for critical thermal management in industrial electronics and power conversion systems. Utilizing ADDA's proprietary Hypro bearing technology, this unit bridges the gap between sleeve and ball bearings, offering extended service life, reduced frictional coefficients, and superior oil retention. The aerodynamic impeller geometry is optimized to minimize turbulence while maintaining consistent airflow against static pressure resistance, ensuring efficient heat dissipation. Engineered with a robust PBT frame structure, the AG06024MX257103 ensures structural rigidity and low vibration operation. Its efficient DC motor design contributes to lower power consumption and improved thermal impedance, making it an ideal solution for continuous duty cycles in demanding environments requiring reliable cooling performance.

Model Number: AG06024MX257103

Brand: ADDA

Product Type: DC Axial Fan

Rated Voltage: 24VDC

Voltage Range: 21.6 - 26.4 VDC

Rated Current: 0.09 A

Power Input: 2.16 W

Rated Speed: 4500 RPM

Bearing Type: Hypro Bearing

Max. Air Flow: 23.2 CFM (39.4 m<sup>3</sup>/h / 0.65 m<sup>3</sup>/min)

Max. Static Pressure: 4.8 mmH<sub>2</sub>O (47.0 Pa / 0.19 inH<sub>2</sub>O)

Dimensions: 60x60x25mm

Weight: 56 g

Noise Level: 33.0 dB(A)

Frame Material: PBT (UL94V-0)

Impeller Material: PBT (UL94V-0)

Termination: 2-Wire Lead

Operating Temperature: -10°C to +70°C

Storage Temperature: -40°C to +70°C

Life Expectancy: 40,000 Hours at 40°C

Ingress Protection: IP20

Insulation Resistance: >10M Ohm at 500VDC

Dielectric Strength: 500VAC for 1 Minute

Motor Protection: Impedance Protected, Reverse Polarity Protection

Rotation: Counter-clockwise (viewed from blade)

Airflow Direction: Struts to Label

The AG06024MX257103 is specifically engineered for integration into variable frequency drives (VFDs) and industrial inverter systems where consistent thermal regulation is paramount. Its compact footprint allows for seamless installation in high-density control cabinets and server rack enclosures. Beyond power electronics, the AG06024MX257103 serves effectively in telecommunications equipment, CNC machinery control panels, and medical instrumentation, ensuring sensitive components remain within optimal operating temperature ranges to prevent thermal throttling or component failure.

## Supplemental Images

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