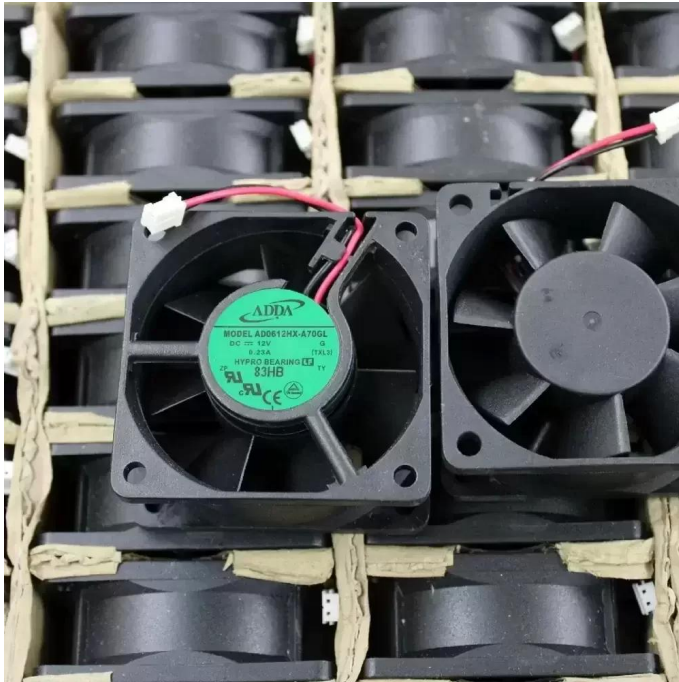


AD0612HX-A70GL ADDA 12VDC 60x60x25mm Hypro Bearing Axial Fan Datasheet



Brand: ADDA

SKU: 810647564206

Category: Axial & Centrifugal Fans

Price: \$11.99

E-mail: sales@equipspares.com

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

Product Page:

<https://www.equipspares.com/product/ad0612hx-a70gl-adda-12vdc-60x60x25mm-hypro-bearing-axial-fan>

Product Description

The ADDA AD0612HX-A70GL is a precision-engineered DC Axial Fan designed for critical thermal management applications requiring a balance of performance and longevity. Utilizing ADDA's proprietary Hypro Bearing technology, this unit bridges the gap between sleeve and ball bearing architectures, offering reduced friction coefficients and extended operational life while maintaining a cost-effective profile. The aerodynamic impeller design minimizes turbulence-induced noise while maximizing static pressure capabilities, ensuring efficient heat dissipation in high-density enclosures. Constructed with a robust thermoplastic frame, the AD0612HX-A70GL maintains structural rigidity under thermal stress, optimizing airflow delivery and reducing system thermal impedance for prolonged operational stability.

Model Number: AD0612HX-A70GL

Brand: ADDA

Product Type: DC Axial Fan

Rated Voltage: 12VDC

Voltage Range: 10.8 - 13.2 VDC

Rated Current: 0.23 A

Power Consumption: 2.76 W

Rated Speed: 4600 RPM

Bearing Type: Hypro Bearing

Max. Air Flow: 23.2 CFM (39.4 m³/h / 0.65 m³/min)

Max. Static Pressure: 5.33 mmH₂O (52.3 Pa / 0.21 inH₂O)

Dimensions: 60x60x25mm

Weight: 58 g

Noise Level: 34.0 dB(A)

Life Expectancy: 40,000 Hours @ 40°C

Frame Material: PBT Thermoplastic (UL94V-0)

Impeller Material: PBT Thermoplastic (UL94V-0)

Operating Temperature: -10°C to +70°C

Storage Temperature: -40°C to +70°C

Termination: Lead Wires (UL1007 AWG24)

Ingress Protection: IP20

Safety Certifications: UL, CUL, TUV, CE

Protection: Impedance Protected

The AD0612HX-A70GL is engineered for deployment in compact electronic assemblies requiring consistent forced-air cooling, such as 1U server power supplies, network switches, and industrial automation control panels. Its compact 60mm footprint allows for integration into tight chassis environments where space is at a premium but thermal loads are significant. Additionally, the AD0612HX-A70GL serves as a reliable component in medical instrumentation and telecommunications equipment, providing the necessary airflow to prevent component throttling and ensure continuous system reliability.

Supplemental Images

