

AD0712HX-A70GL ADDA 12VDC 70x70x25mm Hypro Bearing Axial Fan Datasheet



Brand: ADDA

SKU: [989978808120](#)

Category: Axial & Centrifugal Fans

Price: **\$11.99**

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Product Page:

<https://www.equipspares.com/product/ad0712hx-a70gl-adda-12vdc-70x70x25mm-hypro-bearing-axial-fan>

Product Description

The ADDA AD0712HX-A70GL is a precision-engineered DC Axial Fan designed for critical thermal management in industrial and computing environments. Utilizing ADDA's proprietary Hypro Bearing technology, this unit bridges the gap between sleeve and ball bearings, offering extended service life and reduced oil loss through a specialized seal and oil recirculation system. The 70mm chassis features an optimized impeller geometry that balances high static pressure with volumetric airflow, ensuring efficient heat dissipation across high-density components. Constructed with a UL94V-0 rated PBT frame and impeller, the fan maintains structural rigidity under thermal stress, minimizing vibration and resonance. This model is specifically calibrated for applications requiring a reliable thermal impedance solution with a compact footprint.

Model Number: AD0712HX-A70GL

Brand: ADDA

Product Type: DC Axial Fan

Rated Voltage: 12 VDC

Voltage Range: 10.8 - 13.2 VDC

Rated Current: 0.19 A

Power Consumption: 2.28 W

Rated Speed: 3900 RPM

Bearing Type: Hypro Bearing (Hydraulic)
Max. Air Flow: 33.0 CFM (56.0 m³/h / 0.93 m³/min)
Max. Static Pressure: 4.5 mmH₂O (44.1 Pa / 0.177 inH₂O)
Dimensions: 70 x 70 x 25 mm
Noise Level: 34.4 dB(A)
Weight: 86 g
Frame Material: PBT (UL94V-0)
Impeller Material: PBT (UL94V-0)
Termination: 2-Wire Leads (Red/Black)
Operating Temperature: -10°C to +70°C
Storage Temperature: -40°C to +70°C
Life Expectancy: 40,000 Hours at 40°C
Safety Certifications: UL, CUL, TUV, CE

The AD0712HX-A70GL is widely utilized in compact server chassis, network switchgear, and industrial power supply units where space is at a premium but airflow cannot be compromised. Its robust Hypro bearing design makes the AD0712HX-A70GL particularly suitable for 24/7 operation in telecommunications equipment and medical instrumentation, providing consistent cooling performance to prevent thermal throttling in sensitive electronics.

Supplemental Images

