AD0812HB-A70GL ADDA 12VDC 80x80x25mm Cooling Axial Fan Datasheet

Brand: ADDA

SKU: 798685278501

Category: Axial & Centrifugal Fans

Price: **$30.99**

E-mail: sales@equipspares.com

Web: https://www.equipspares.com

Product Page:
https://www.equipspares.com/product/ad0812hb-a70gl-adda-12vdc-80x80x25mm-cooling-axial-fan

Product Description

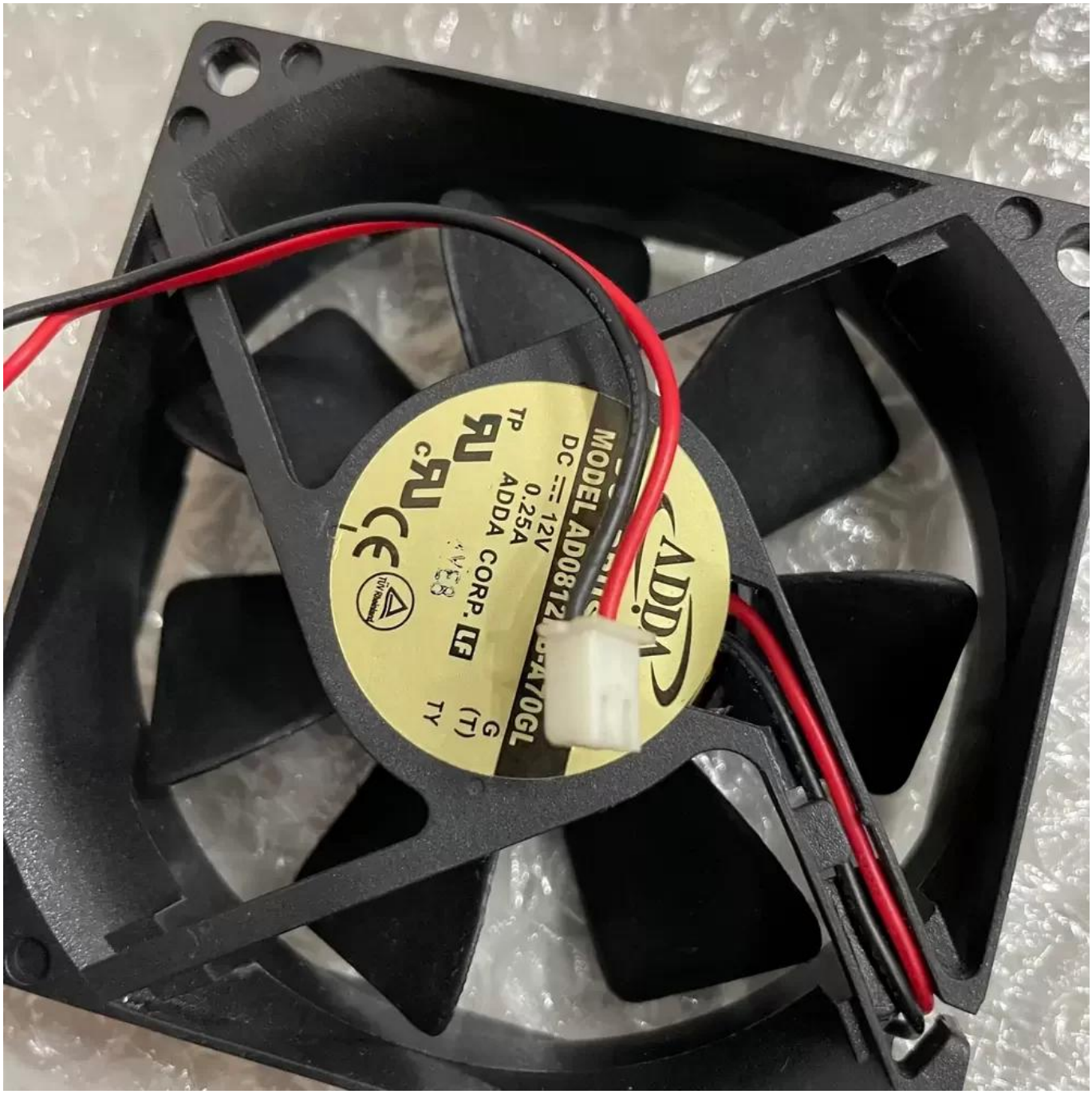
The ADDA AD0812HB-A70GL is a precision-engineered DC Axial Fan designed for critical thermal management in industrial and automotive applications. Utilizing advanced DC brushless motor technology combined with a robust Two Ball Bearing architecture, this unit ensures minimal friction and extended operational service life under continuous load. The aerodynamic impeller design optimizes airflow efficiency while maintaining a low thermal impedance profile, making it highly effective for high-density component cooling. Constructed with high-grade PBT thermoplastic, the housing offers superior structural rigidity and resistance to environmental stress, ensuring reliability in demanding operational environments.

Model Number: AD0812HB-A70GL
Brand: ADDA
Product Type: DC Axial Fan
Rated Voltage: 12 VDC
Voltage Range: 10.8 - 13.2 VDC
Rated Current: 0.25 A
Power Consumption: 3.00 W
Rated Speed: 3200 RPM
Bearing Type: Two Ball Bearing
Max. Air Flow: 41.0 CFM (69.6 m^3/h / 1.16 m^3/min)

Max. Static Pressure: 3.81 mmH_2O (37.36 Pa / 0.15 inH_2O)
Dimensions: 80 x 80 x 25 mm
Weight: 86 g
Noise Level: 34.0 dB(A)
Housing 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: 70,000 Hours at 40°C
Direction of Rotation: Counter-clockwise
Motor Protection: Impedance Protected
Certifications: UL, CUL, TUV, CE

The AD0812HB-A70GL is frequently deployed in specialized automotive equipment, specifically serving as a replacement cooling solution for ARB twin-cylinder air compressors and pumps. Its compact 80mm form factor and high static pressure capabilities make it ideal for restricted spaces found in server racks, telecommunications enclosures, and industrial power supplies. Additionally, the AD0812HB-A70GL is utilized in CNC machinery control panels and medical instrumentation where reliable, long-term thermal dissipation is critical to system integrity.

Supplemental Images


MODEL AD0812
DC 12V
0.25A
ADDA CORP.
TP
TY
ADDA