AD0812HX-A70GL ADDA 12VDC 0.25A 80x80x25mm Axial Fan Datasheet

Brand: ADDA

SKU: 988351302247

Category: Axial & Centrifugal Fans

Price: **$11.99**

E-mail: sales@equipspares.com

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Product Page:
https://www.equipspares.com/product/ad0812hx-a70gl-adda-12vdc-0-25a-80x80x25mm-axial-fan

Product Description

The ADDA AD0812HX-A70GL is a high-efficiency DC axial fan engineered to provide robust thermal dissipation in space-constrained industrial applications. Featuring ADDA's patented Hypro Bearing system, this model delivers a superior balance between operational longevity and acoustic performance by minimizing internal friction and mechanical wear compared to standard sleeve bearings. The impeller design is optimized to generate significant airflow while overcoming system impedance, ensuring critical components maintain thermal equilibrium. Built with a flame-retardant PBT frame, the AD0812HX-A70GL offers exceptional structural rigidity and reliability, making it an ideal solution for continuous-duty cooling requirements in diverse electronic environments.

Model Number: AD0812HX-A70GL
Brand: ADDA Corporation
Product Type: DC Axial Fan
Rated Voltage: 12 VDC
Voltage Range: 10.8 - 13.2 VDC
Rated Current: 0.25 A
Input Power: 3.00 W
Rated Speed: 3200 RPM
Bearing Type: Hypro Bearing (Hydraulic)
Max. Air Flow: 38.60 CFM (65.58 m^3/h / 1.09 m^3/min)

Max. Static Pressure: 3.56 mmH_2O (34.91 Pa / 0.14 inH_2O)
Dimensions: 80 x 80 x 25 mm
Weight: 86 g
Life Expectancy: 40,000 Hours at 40°C
Noise Level: 34.4 dB-A
Housing Material: PBT Plastic (UL94V-0)
Impeller Material: PBT Plastic (UL94V-0)
Termination: 2-Wire Leads (Red/Black)
Operating Temperature: -10°C to +70°C
Storage Temperature: -40°C to +70°C
Safety Certifications: UL, CUL, TUV, CE

The AD0812HX-A70GL is widely utilized in chassis cooling for industrial workstations and rack-mounted telecommunications hardware requiring consistent airflow. Engineers frequently specify the AD0812HX-A70GL for integration into medical instrumentation, power supply units, and automated control cabinets, where its durable construction ensures uninterrupted thermal regulation for sensitive power modules and processors.

Supplemental Images


ADDA
MODEL AD0812HX-A70GL
DC 12V
0.25A
ZD
(SFCD9LT)
HYPRO BEARING
TP
TY
58W4