AD0824HX-D71 ADDA 24VDC 80x80x15mm Hypro Axial Fan Datasheet

Brand: ADDA

SKU: 854533170083

Category: Axial & Centrifugal Fans

Price: **$11.99**

E-mail: sales@equipspares.com

Web: https://www.equipspares.com

Product Page:
https://www.equipspares.com/product/ad0824hx-d71-adda-24vdc-80x80x15mm-hypro-axial-fan

Product Description

The ADDA AD0824HX-D71 is a high-efficiency DC Axial Fan engineered for robust thermal management in space-constrained industrial enclosures. Featuring ADDA's advanced Hypro Bearing system, this model delivers a superior balance between operational longevity and acoustic performance compared to traditional sleeve bearings. The 80mm chassis is molded from flame-retardant thermoplastic, providing excellent structural rigidity and resistance to environmental stressors. Its aerodynamic impeller design maximizes static pressure capabilities, ensuring effective heat dissipation for sensitive electronic components. With a rated input of 24VDC, this cooling solution is optimized for reducing thermal impedance in power conversion systems.

Model Number: AD0824HX-D71
Brand: ADDA
Product Type: DC Axial Fan
Rated Voltage: 24VDC
Voltage Range: 21.6 - 26.4 VDC
Rated Current: 0.14 A
Power Consumption: 3.36 W
Rated Speed: 3200 RPM
Bearing Type: Hypro Bearing
Max. Air Flow: 35.0 CFM (59.4 m^3/h / 0.99 m^3/min)

Max. Static Pressure: 3.05 mmH_2O (29.9 Pa / 0.12 inH_2O)
Dimensions: 80x80x15mm
Weight: 62 g
Life Expectancy: 40000 Hours at 40°C
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
Ingress Protection: IP20
Safety Certifications: UL, CUL, TUV, CE

The AD0824HX-D71 is specifically tailored for deployment in industrial automation and power conversion equipment where vertical clearance is limited. Common implementations include variable frequency drives (VFDs), server rack cooling modules, and compact industrial inverters. By maintaining consistent airflow, the AD0824HX-D71 prevents overheating in telecommunications equipment and CNC control panels, ensuring system reliability during continuous operation.

Supplemental Images


ADDA
MODEL AD0824HX-D71
DC 24V
0.14A
HYPRO BEARING LF
ZP
561F
TY
G
(N)