AD1212DB-F9BGP ADDA 12VDC 120x120x38mm 4-Wire Axial Fan Datasheet

Brand: ADDA

SKU: 1013045986519

Category: Axial & Centrifugal Fans

Price: **$13.99**

E-mail: sales@equipspares.com

Web: https://www.equipspares.com

Product Page:
https://www.equipspares.com/product/ad1212db-f9bgp-adda-12vdc-120x120x38mm-4-wire-axial-fan

Product Description

The ADDA AD1212DB-F9BGP is a high-efficiency DC axial fan designed for critical thermal management in industrial environments. Engineered with a robust Double Ball Bearing system, this unit ensures long-term reliability and reduced frictional wear under continuous operation. The aerodynamic impeller design optimizes airflow while maintaining structural rigidity, effectively lowering thermal impedance in high-density enclosures. Featuring a 4-wire interface, it supports precise speed control and monitoring, making it ideal for dynamic cooling requirements in variable frequency drives and automation systems.

Model Number: AD1212DB-F9BGP
Brand: ADDA
Product Type: DC Axial Fan
Rated Voltage: 12VDC
Voltage Range: 7.0 - 13.8 VDC
Rated Current: 0.57 A
Power: 6.84 W
Rated Speed: 3000 RPM
Bearing Type: Double Ball Bearing
Max. Air Flow: 105.0 CFM (178.4 m^3/h / 2.97 m^3/min)
Max. Static Pressure: 8.1 mmH_2O (79.4 Pa / 0.32 inH_2O)

Dimensions: 120 x 120 x 38 mm
Termination: 4-Wire (Lead Wires)
Housing Material: PBT Plastic (UL94V-0)
Blade Material: PBT Plastic (UL94V-0)
Operating Temperature: -10°C to +70°C
Life Expectancy: 70,000 Hours @ 40°C
Ingress Protection: IP20
Condition: New, Original

The AD1212DB-F9BGP is specifically engineered for demanding industrial applications, including variable frequency drives (VFDs) and heavy-duty industrial control equipment. Its high static pressure capabilities make it suitable for forcing air through dense component arrays found in server racks and telecommunication cabinets. Additionally, the AD1212DB-F9BGP is utilized in power supply units and automation machinery where consistent thermal dissipation is critical to prevent system failure and extend component lifespan.

Supplemental Images


ADDA
DC BRUSHLESS
MODEL AD1212DB-F9BGP
DC 12V
0.57A
45A5
ZD
(FMQ487)
ADDA CORP.
TY
TP
Zeng Da ELectrical (Hui Zhou) Co., Ltd