AS12024HB389100 ADDA 24VDC 120x120x38mm 2.1A Axial Fan Datasheet

Brand: ADDA

SKU: 758953157435

Category: Axial & Centrifugal Fans

Price: **$27.99**

E-mail: sales@equipspares.com

Web: https://www.equipspares.com

Product Page:
https://www.equipspares.com/product/as12024hb389100-adda-24vdc-120x120x38mm-2-1a-axial-fan

Product Description

The ADDA AS12024HB389100 is a high-performance DC Axial Fan engineered for critical thermal management in demanding industrial environments. Featuring a robust brushless DC motor and a precision Ball Bearing system, this unit is designed to sustain high rotational speeds and deliver exceptional airflow against significant static pressure. The 9-blade impeller geometry is optimized to minimize turbulence while maximizing air throughput, effectively lowering thermal impedance in high-density enclosures. Constructed with durable thermoplastic materials, the AS12024HB389100 ensures structural rigidity and long-term reliability under continuous heavy-duty operation, making it an ideal solution for applications requiring rapid heat dissipation and consistent performance.

Model Number: AS12024HB389100
Brand: ADDA
Product Type: DC Axial Fan
Rated Voltage: 24VDC
Voltage Range: 14.0 - 27.6 VDC
Rated Current: 2.10 A
Power Input: 50.4 W
Rated Speed: 4800 RPM
Bearing Type: Ball Bearing
Max. Air Flow: 210.0 CFM (356.8 m^3/h / 5.94 m^3/min)

Max. Static Pressure: 22.5 mmH_2O (220.6 Pa / 0.88 inH_2O)
Dimensions: 120 x 120 x 38 mm
Weight: 380 g
Noise Level: 62.0 dB(A)
Impeller Material: PBT (UL94V-0)
Housing Material: PBT (UL94V-0)
Termination: 2-Wire Leads
Operating Temperature: -10°C to +70°C
Life Expectancy: 70,000 Hours at 40°C
Ingress Protection: IP20
Safety Certifications: UL, CUL, TUV, CE

The AS12024HB389100 is specifically calibrated for high-impedance applications such as variable frequency drive (VFD) inverters and industrial automation control panels. Its high-static pressure capabilities make the AS12024HB389100 suitable for forced-air cooling in dense server racks, telecommunications equipment, and power supply units where maintaining optimal component temperatures is critical for system stability and longevity.

Supplemental Images


ADDA
DC BRUSHLESS
MODEL AS12024HB389100
DC 24V
2.10A
ADDA CORP.
EP
3ZK3
AB
K
UK
CA