AS08024HB385BB2 ADDA 24VDC 80x80mm PWM Control Axial Fan Datasheet

Brand: ADDA

SKU: 899343472709

Category: Axial & Centrifugal Fans

Price: **$17.99**

E-mail: sales@equipspares.com

Web: https://www.equipspares.com

Product Page:
https://www.equipspares.com/product/as08024hb385bb2-adda-24vdc-80x80mm-pwm-control-axial-fan

Product Description

The ADDA AS08024HB385BB2 is a high-performance DC Axial Fan engineered for critical industrial thermal management applications. Utilizing advanced DC brushless motor technology and a robust Dual Ball Bearing architecture, this unit ensures exceptional structural rigidity and operational longevity. Its aerodynamic impeller design is optimized to minimize thermal impedance while maximizing static pressure and airflow, making it the premier choice for high-density electronic enclosures and power conversion systems requiring aggressive cooling capabilities.

Model Number: AS08024HB385BB2
Brand: ADDA
Product Type: DC Axial Fan
Rated Voltage: 24 VDC
Voltage Range: 16.0 - 26.4 VDC
Rated Current: 2.50 A
Power: 60.0 W
Rated Speed: 9500 RPM
Bearing Type: Dual Ball Bearing
Max. Air Flow: 135.5 CFM (230.2 m^3/h / 3.84 m^3/min)
Max. Static Pressure: 36.8 mmH_2O (360.8 Pa / 1.45 inH_2O)
Dimensions: 80 x 80 x 38 mm

Weight: 225 g
Life Expectancy: 70000 Hours at 40°C
Speed Control: PWM (Pulse Width Modulation)
Termination: 4-Wire Lead
Housing Material: PBT Plastic (UL94V-0)
Blade Material: PBT Plastic (UL94V-0)
Ingress Protection: IP55
Operating Temperature: -10°C to +70°C
Storage Temperature: -40°C to +70°C
Safety Certifications: UL, CUL, TUV, CE

The AS08024HB385BB2 is specifically designed for high-load industrial environments, including variable frequency drive (VFD) inverters and high-capacity server power supplies. This fan's substantial static pressure rating allows the AS08024HB385BB2 to effectively push air through dense components in CNC machinery and telecommunications rectifiers, ensuring optimal thermal regulation and system reliability under continuous duty cycles.

Supplemental Images