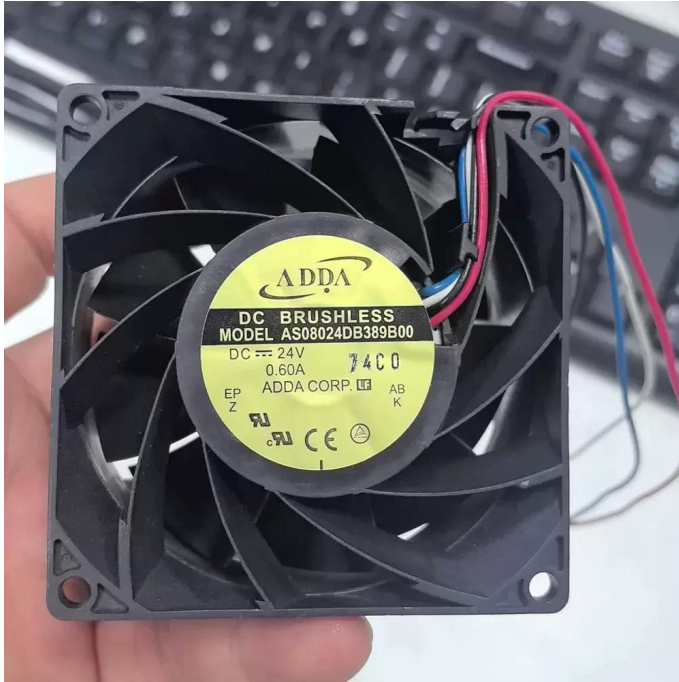


AS08024DB389B00 ADDA 24VDC 80x80x38mm PWM Axial Fan Datasheet



Brand: ADDA

SKU: [979408372859](#)

Category: Axial & Centrifugal Fans

Price: **\$25.99**

E-mail: sales@equipspares.com

Web: <https://www.equipspares.com>

Product Page:

<https://www.equipspares.com/product/as08024db389b00-adda-24vdc-80x80x38mm-pwm-axial-fan>

Product Description

The ADDA AS08024DB389B00 is a high-performance DC Axial Fan engineered for critical thermal management in industrial environments. Utilizing advanced brushless DC motor technology and a robust Double Ball Bearing architecture, this unit ensures minimized friction and extended operational longevity under continuous load. The aerodynamic impeller design is optimized to reduce thermal impedance while maintaining structural rigidity at high rotational speeds. Designed for precision cooling, the AS08024DB389B00 delivers superior static pressure capabilities, making it an ideal solution for high-density electronic enclosures requiring efficient heat dissipation and reliable airflow stability.

Model Number: AS08024DB389B00

Brand: ADDA

Product Type: DC Axial Fan

Rated Voltage: 24VDC

Voltage Range: 14.0 - 27.6 VDC

Rated Current: 0.60 A

Power Input: 14.4 W

Rated Speed: 5800 RPM

Bearing Type: Double Ball Bearing

Max. Air Flow: 85.2 CFM (144.7 m³/h / 2.41 m³/min)

Max. Static Pressure: 16.5 mmH₂O (161.8 Pa / 0.65 inH₂O)

Dimensions: 80 x 80 x 38 mm

Weight: 175 g

Life Expectancy: 70,000 Hours at 40°C

Speed Control: PWM (Pulse Width Modulation)

Termination: 4-Wire Lead with Connector

Wire Configuration: Red (+), Black (-), Yellow (Tach), Blue (PWM)

Housing Material: PBT Plastic (UL94V-0)

Impeller Material: PBT Plastic (UL94V-0)

Operating Temperature: -10°C to +70°C

Storage Temperature: -40°C to +70°C

Noise Level: 52.0 dB(A)

Safety Certifications: UL, CUL, TUV, CE

The AS08024DB389B00 is specifically designed for demanding industrial applications such as variable frequency drives (VFDs) and heavy-duty inverters where consistent high-pressure airflow is mandatory. This cooling solution is frequently integrated into server rack enclosures, telecommunications cabinets, and precision CNC machinery to prevent thermal throttling. By maintaining optimal operating temperatures, the AS08024DB389B00 ensures the reliability of power supplies and automation controllers in harsh manufacturing environments.

Supplemental Images

