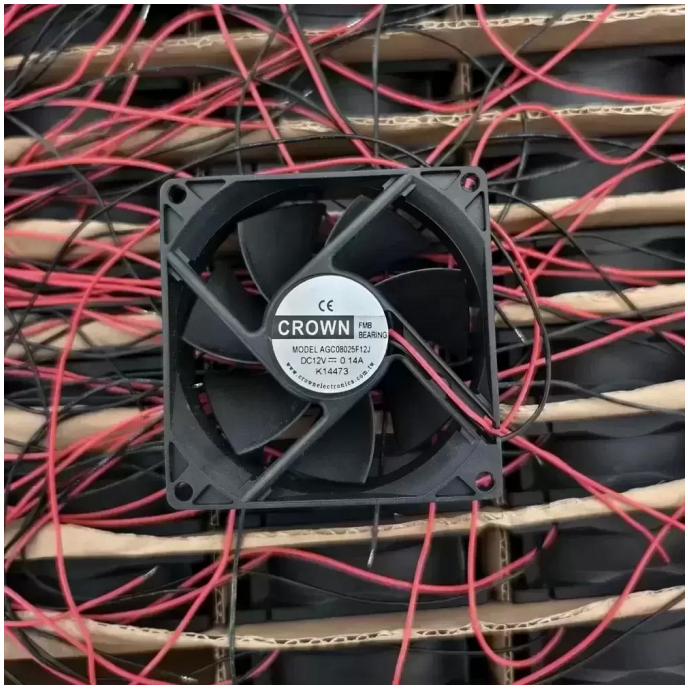
AGE08025F24J CROWN 24VDC 80x80x25mm Dual Ball Axial Fan Datasheet



Brand: CROWN

SKU: 1012800762331

Category: Axial & Centrifugal Fans

Price: **$13.99**

E-mail: sales@equipspares.com

Web: https://www.equipspares.com

Product Page:
https://www.equipspares.com/product/age08025f24j-crown-24vdc-80x80x25mm-dual-ball-axial-fan

Product Description

The CROWN AGE08025F24J is a precision-engineered Axial Fan designed for high-reliability industrial cooling applications. Utilizing advanced DC motor technology paired with a robust Dual Ball Bearing system, this unit ensures minimized friction and extended operational lifespan under continuous load. The aerodynamic impeller design optimizes airflow while maintaining structural rigidity, effectively reducing thermal impedance in dense electronic enclosures. Engineered for stability, it provides consistent thermal management for critical components requiring sustained heat dissipation.

Model Number: AGE08025F24J
Brand: CROWN
Product Type: Axial Fan
Rated Voltage: 24 VDC
Voltage Range: 14.0 - 27.6 VDC
Rated Current: 0.14 A
Power: 3.36 W
Rated Speed: 3200 RPM
Bearing Type: Dual Ball Bearing
Max. Air Flow: 42.5 CFM (72.2 m^3/h / 1.20 m^3/min)
Max. Static Pressure: 4.8 mmH_2O (47.1 Pa / 0.19 inH_2O)

Dimensions: 80 x 80 x 25 mm
Weight: 86 g
Life Expectancy: 70,000 Hours at 40°C
Noise Level: 34.5 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
Mounting Orientation: Any

The AGE08025F24J is specifically calibrated for demanding thermal environments such as variable frequency drives (inverters), industrial chassis, and server rack cooling systems. Its robust construction makes it ideal for DIY electronic projects requiring sustained airflow and reliability. Additionally, the AGE08025F24J serves as a critical component in telecommunications equipment and power supply units where consistent heat dissipation is mandatory to prevent thermal throttling.

Supplemental Images