AGC12025B12M CROWN 12VDC 0.35A 120x120x25mm Axial Fan Datasheet

Brand: CROWN

SKU: 978576710948

Category: Axial & Centrifugal Fans

Price: **$12.99**

E-mail: sales@equipspares.com

Web: https://www.equipspares.com

Product Page:
https://www.equipspares.com/product/agc12025b12m-crown-12vdc-0-35a-120x120x25mm-axial-fan

Product Description

The CROWN AGC12025B12M is a precision-engineered DC Axial Fan designed for critical thermal management in industrial electronics. Utilizing a robust DC brushless motor architecture paired with a durable ball bearing system, this unit ensures consistent rotational stability and reduced frictional heat generation. The aerodynamic impeller design optimizes airflow while maintaining structural rigidity under continuous operation. Engineered for high thermal impedance environments, the device features a standard 120mm frame profile, making it an ideal solution for systems requiring reliable heat dissipation and long-term operational integrity.

Model Number: AGC12025B12M
Brand: CROWN
Product Type: DC Axial Fan
Rated Voltage: 12VDC
Voltage Range: 7.0 - 13.8 VDC
Rated Current: 0.35 A
Power Consumption: 4.2 W
Rated Speed: 2600 RPM
Bearing Type: Dual Ball Bearing
Max. Air Flow: 89.0 CFM (151.2 m^3/h / 2.52 m^3/min)
Max. Static Pressure: 4.5 mmH_2O (44.1 Pa / 0.18 inH_2O)

Dimensions: 120 x 120 x 25 mm
Weight: 160 g
Life Expectancy: 50,000 Hours @ 40°C
Noise Level: 38.0 dBA
Housing Material: PBT Thermoplastic (UL94V-0)
Impeller Material: PBT Thermoplastic (UL94V-0)
Termination: 3-Wire Lead
Signal Output: Tachometer / Speed Sensor
Operating Temperature: -10°C to +70°C
Storage Temperature: -40°C to +70°C
Motor Protection: Impedance Protected, Reverse Polarity Protection
Ingress Protection: IP20

The AGC12025B12M is specifically calibrated for integration into high-density electronic enclosures, including server rack cooling modules, telecommunications switching gear, and industrial automation control panels. Its robust airflow characteristics make the AGC12025B12M suitable for forced convection in power supply units and CNC machinery, where consistent thermal regulation is paramount to preventing component failure and ensuring system longevity.

Supplemental Images