KA1238-4000D24B KAKU 24VDC 120x120x38mm Axial Fan Datasheet

Brand: KAKU

SKU: 815783396484

Category: Axial & Centrifugal Fans

Price: **$25.99**

E-mail: sales@equipspares.com

Web: https://www.equipspares.com

Product Page:
https://www.equipspares.com/product/ka1238-4000d24b-kaku-24vdc-120x120x38mm-axial-fan

Product Description

The KAKU KA1238-4000D24B is a robust DC Axial Fan engineered for demanding industrial thermal management applications. Featuring a precision Ball Bearing architecture, this unit ensures minimized friction and extended operational longevity under continuous load conditions. The aerodynamic impeller design optimizes airflow dynamics to reduce thermal impedance within high-density enclosures while maintaining structural rigidity. Constructed with high-grade flame-retardant materials, it offers superior resistance to environmental stressors, making it an ideal solution for critical cooling requirements where reliability and consistent performance are paramount.

Model Number: KA1238-4000D24B
Brand: KAKU
Product Type: DC Axial Fan
Rated Voltage: 24VDC
Voltage Range: 14.0 - 27.6 VDC
Rated Current: 0.64 A
Power: 15.36 W
Rated Speed: 4000 RPM
Bearing Type: Ball Bearing
Max. Air Flow: 150.0 CFM (254.8 m^3/h / 4.24 m^3/min)
Max. Static Pressure: 12.5 mmH_2O (122.5 Pa / 0.49 inH_2O)

Dimensions: 120 x 120 x 38 mm
Weight: 330 g
Life Expectancy: 50,000 Hours @ 25°C
Noise Level: 48.0 dBA
Housing Material: Thermoplastic PBT (UL94V-0)
Blade Material: Thermoplastic PBT (UL94V-0)
Termination: 2-Wire Leads
Operating Temperature: -10°C to +70°C
Storage Temperature: -40°C to +70°C
Ingress Protection: IP20
Insulation Class: Class B
Mounting Orientation: Any

This high-performance cooling solution is specifically calibrated for integration into industrial automation systems, including CNC machinery control panels and heavy-duty power supply units. The KA1238-4000D24B excels in telecommunications cabinets and server racks where consistent airflow is critical for component stability. Additionally, the KA1238-4000D24B is frequently utilized in medical instrumentation and renewable energy inverters, ensuring optimal thermal regulation in confined spaces.

Supplemental Images