

KA1725-3200D24B FG KAKU 24VDC 172x150x51mm Axial Fan Datasheet



Brand: KAKU

SKU: 703045833649

Category: Axial & Centrifugal Fans

Price: \$68.99

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Product Page:

<https://www.equipspares.com/product/ka1725-3200d24b-fg-kaku-24vdc-172x150x51mm-axial-fan>

Product Description

The KAKU KA1725-3200D24B FG is a high-performance Axial Fan engineered for rigorous industrial thermal management applications. Featuring a robust DC motor and a precision ball bearing architecture, this unit delivers exceptional rotational stability and longevity under continuous operation. The aerodynamic impeller design is optimized to reduce turbulence while maximizing static pressure, effectively lowering thermal impedance in high-density electronic enclosures. Constructed with structural rigidity in mind, the fan housing ensures durability against vibration and environmental stress, making it an ideal solution for critical cooling requirements.

Model Number: KA1725-3200D24B FG

Brand: KAKU

Product Type: Axial Fan

Rated Voltage: 24VDC

Voltage Range: 14.0 - 27.6 VDC

Rated Current: 0.55A

Input Power: 13.2W

Rated Speed: 3200 RPM

Bearing Type: Dual Ball Bearing

Max. Air Flow: 235.0 CFM (399.2 m³/h / 6.65 m³/min)

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

Dimensions: 172x150x51mm

Noise Level: 53.0 dB(A)

Frame Material: Aluminum Die-Cast

Impeller Material: Thermoplastic PBT (UL94V-0)

Termination: 3-Wire Lead

Signal Output: FG (Frequency Generator)

Operating Temperature: -10°C to +70°C

Storage Temperature: -40°C to +70°C

Life Expectancy: 50,000 Hours at 25°C

Weight: 820g

Ingress Protection: IP20

This thermal management component is widely utilized in industrial automation setups, specifically for cooling variable frequency drives and power inverters. The KA1725-3200D24B FG is essential for maintaining safe operating temperatures in server cabinets, CNC control panels, and telecommunications rectifiers. By ensuring consistent airflow, the KA1725-3200D24B FG protects sensitive electronics from overheating, thereby enhancing system reliability and preventing costly downtime in manufacturing and medical equipment sectors.

Supplemental Images

