

# KA2206-3200D24B RD-L KAKU 24VDC 220x60mm Axial Fan Datasheet



**Brand:** KAKU

**SKU:** [928181315635](#)

**Category:** Axial & Centrifugal Fans

**Price:** **\$67.99**

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Product Page:

<https://www.equipspares.com/product/ka2206-3200d24b-rd-l-kaku-24vdc-220x60mm-axial-fan>

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## Product Description

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The KAKU KA2206-3200D24B RD-L is a robust DC axial fan engineered for high-demand industrial thermal management. Featuring a precision ball bearing system, this unit ensures longevity and consistent performance under continuous operation. The 220mm round frame design optimizes aerodynamic throughput, delivering substantial static pressure to overcome impedance in densely packed enclosures. Powered by a 24VDC motor, it maintains high rotational stability while mitigating electromagnetic interference. The structural rigidity of the housing supports installation in harsh environments, making it an ideal solution for critical cooling applications requiring reliable heat dissipation and efficient airflow dynamics.

Model Number: KA2206-3200D24B RD-L

Brand: KAKU

Product Type: DC Axial Fan

Rated Voltage: 24VDC

Voltage Range: 20.4 - 27.6 VDC

Rated Current: 1.75 A

Power Consumption: 42.0 W

Rated Speed: 3200 RPM

Bearing Type: Dual Ball Bearing

Max. Air Flow: Approx. 360 CFM (611 m<sup>3</sup>/h)

Dimensions: 220mm x 220mm x 60mm (Round Frame)

Frame Material: Aluminum Die-Cast

Blade Material: Thermoplastic PBT (UL94V-0)

Noise Level: 63 dBA

Life Expectancy: 50,000 Hours at 25°C

Operating Temperature: -10°C to +70°C

Storage Temperature: -40°C to +70°C

Termination: Lead Wires

Sensor Output: RD (Rotation Detector / Alarm Signal)

Motor Protection: Polarity Protection; Locked Rotor Protection

Mounting Orientation: Any

Weight: Approx. 1.1 kg

Ingress Protection: IP20

Designed for rigorous industrial environments, the KA2206-3200D24B RD-L is frequently utilized in large-scale electrical cabinets, server racks, and telecommunications enclosures where heat density is a primary concern. The fan's high-capacity airflow makes it suitable for CNC machinery control panels and power supply units requiring forced convection. Additionally, the KA2206-3200D24B RD-L serves effectively in heat exchanger systems and automation equipment, ensuring components remain within safe operating temperature ranges to prevent thermal throttling or failure.

## Supplemental Images

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