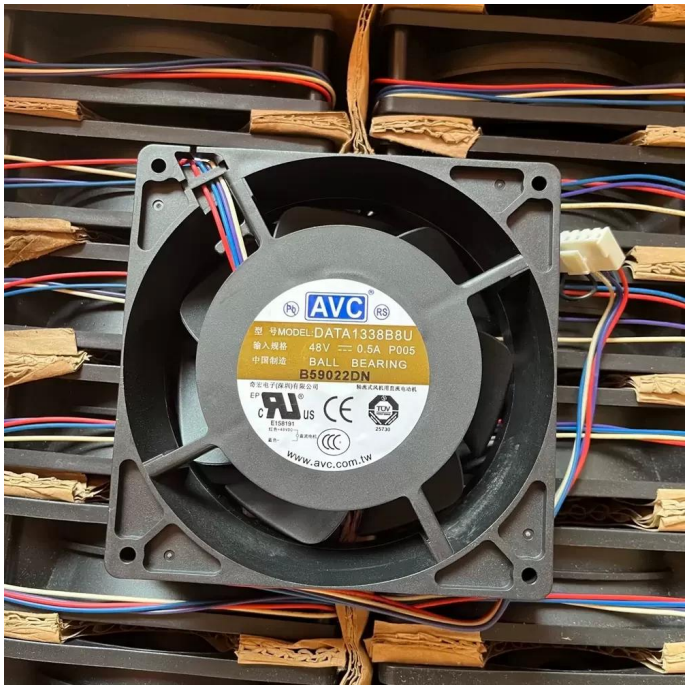
DATA1338B8U-P005 AVC 48VDC 127x127x38mm Server Axial Fan Datasheet



Brand: AVC

SKU: 925224854745

Category: Axial & Centrifugal Fans

Price: **$16.99**

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Product Page:
https://www.equipspares.com/product/data1338b8u-p005-avc-48vdc-127x127x38mm-server-axial-fan

Product Description

The AVC DATA1338B8U-P005 is a precision-engineered DC axial fan designed for critical thermal management in high-density server environments. Utilizing advanced Dual Ball Bearing technology, this 48VDC unit ensures exceptional rotational stability and extended operational lifespan under continuous load. The 127mm frame features a reinforced thermoplastic construction that minimizes vibration and optimizes structural rigidity. Its aerodynamic impeller design maximizes static pressure delivery, effectively overcoming high thermal impedance in restricted chassis spaces. This model integrates sophisticated motor control for efficient power consumption, making it an ideal solution for industrial computing and telecommunications infrastructure requiring reliable heat dissipation.

Model Number: DATA1338B8U-P005
Brand: AVC
Product Type: DC Axial Fan
Rated Voltage: 48VDC
Voltage Range: 28.0 - 56.0 VDC
Rated Current: 0.50 A
Input Power: 24.0 W
Rated Speed: 4200 RPM
Max. Air Flow: 190.0 CFM (322.8 m^3/h)
Max. Static Pressure: 18.5 mmH_2O (181.4 Pa)

Dimensions: 127 x 127 x 38 mm
Bearing Type: Dual Ball Bearing
Noise Level: 56.5 dBA
Housing Material: Thermoplastic PBT (UL94V-0)
Impeller Material: Thermoplastic PBT (UL94V-0)
Termination: 4-Wire Leads with Connector
Speed Control: PWM / Tachometer Output
Operating Temperature: -10°C to +70°C
Storage Temperature: -40°C to +70°C
Life Expectancy: 70,000 Hours at 40°C
Ingress Protection: IP20
Safety Approvals: UL, CUL, TUV, CE
Weight: 380 g

The DATA1338B8U-P005 is specifically engineered for high-demand cooling applications within enterprise-grade hardware. Primary deployments include rack-mounted server chassis and blade servers where maintaining optimal operating temperatures is critical for data integrity. The DATA1338B8U-P005 also serves effectively in telecommunications base stations and network switchgear, providing the necessary airflow to dissipate heat from high-density component arrays. Its robust design ensures reliability in continuous-duty industrial automation systems and power supply units.

Supplemental Images