

4715KL-05W-B20-E00 NMB 24VDC 120x120x38mm Axial Fan Datasheet



Brand: NMB

SKU: 966780526141

Category: Axial & Centrifugal Fans

Price: \$19.99

E-mail: sales@equipspares.com

Web: <https://www.equipspares.com>

Product Page:

<https://www.equipspares.com/product/4715kl-05w-b20-e00-nmb-24vdc-120x120x38mm-axial-fan>

Product Description

The NMB 4715KL-05W-B20-E00 is a precision-engineered DC Axial Fan designed for critical thermal management in industrial environments. Manufactured by MinebeaMitsumi, this unit utilizes an advanced double ball bearing architecture to minimize friction and extend operational service life under continuous load. The aerodynamic impeller design optimizes static pressure capabilities while maintaining low acoustic signatures, ensuring efficient heat dissipation. Constructed with high-grade materials to enhance structural rigidity, the fan delivers consistent airflow performance, effectively reducing thermal impedance in high-density electronic enclosures and power conversion systems.

Model Number: 4715KL-05W-B20-E00

Brand: NMB-MAT (MinebeaMitsumi)

Product Type: DC Axial Fan

Rated Voltage: 24 VDC

Voltage Range: 14.0 - 27.6 VDC

Rated Current: 0.28 A

Input Power: 6.72 W

Rated Speed: 2600 RPM

Bearing Type: Double Ball Bearing

Max. Air Flow: 88.2 CFM (150 m³/h / 2.5 m³/min)

Max. Static Pressure: 5.6 mmH₂O (54.9 Pa / 0.22 inH₂O)

Dimensions: 119 x 119 x 38 mm

Weight: 260 g

Life Expectancy: 100,000 Hours at 25°C

Noise Level: 38.0 dB(A)

Housing Material: Reinforced Plastic (UL94V-0)

Impeller Material: Reinforced Plastic (UL94V-0)

Termination: 2-Wire Lead (Red +, Black -)

Operating Temperature: -10°C to +70°C

Storage Temperature: -40°C to +70°C

Ingress Protection: IP20

Protection: Locked Rotor Protection, Reverse Polarity Protection

Mounting Orientation: Any

This cooling solution is specifically engineered for demanding industrial applications, including variable frequency drive (VFD) inverters and elevator control systems. The 4715KL-05W-B20-E00 ensures reliable thermal regulation within server racks and telecommunication cabinets where continuous operation is mandatory. By maintaining optimal operating temperatures, the 4715KL-05W-B20-E00 protects sensitive electronic components from overheating, making it an ideal choice for CNC machinery and automation control panels requiring robust ventilation.

Supplemental Images

