

2408VL-S5W-B79-BE1 NMB 24VDC 60x60x20mm Axial Fan Datasheet



Brand: NMB

SKU: [1004716587591](#)

Category: Axial & Centrifugal Fans

Price: **\$39.99**

E-mail: sales@equipspares.com

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

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<https://www.equipspares.com/product/2408vl-s5w-b79-be1-nmb-24vdc-60x60x20mm-axial-fan>

Product Description

The NMB 2408VL-S5W-B79-BE1 is a precision-engineered DC axial fan designed for high-reliability industrial cooling applications, specifically serving as the OEM component for Fanuc A90L-0001-0576 systems. This unit features a robust dual ball bearing architecture that ensures minimized friction and extended operational longevity under continuous load. The aerodynamic impeller design optimizes airflow while maintaining low acoustic noise, effectively managing thermal impedance within dense electronic enclosures. Constructed with high-rigidity thermoplastic, the frame withstands vibrational stress, making it ideal for CNC machinery and servo amplifier cooling where structural integrity and consistent performance are paramount.

Model Number: 2408VL-S5W-B79-BE1

Fanuc Model: A90L-0001-0576

Brand: NMB-MAT (MinebeaMitsumi)

Product Type: DC Axial Fan

Rated Voltage: 24 VDC

Voltage Range: 12.0 - 27.6 VDC

Rated Current: 0.15 A

Input Power: 3.60 W

Rated Speed: 6800 RPM

Bearing Type: Dual Ball Bearing

Max. Air Flow: 26.5 CFM (45.0 m³/h / 0.75 m³/min)
Max. Static Pressure: 7.6 mmH₂O (74.5 Pa / 0.30 inH₂O)
Dimensions: 60 x 60 x 20 mm
Weight: 60 g
Life Expectancy: 60,000 Hours @ 25°C
Termination: 3-Wire with Fanuc Dedicated Connector
Housing Material: PBT Plastic (UL94V-0)
Impeller Material: PBT Plastic (UL94V-0)
Operating Temperature: -10°C to +70°C
Storage Temperature: -40°C to +70°C
Protection: Locked Rotor Protection, Polarity Protection
Safety Approvals: UL, CSA, TUV, CE

The 2408VL-S5W-B79-BE1 is extensively utilized in industrial automation environments, particularly within Fanuc CNC control cabinets and servo amplifier modules where consistent thermal regulation is critical. Maintenance engineers frequently deploy the 2408VL-S5W-B79-BE1 to replace aging cooling units in robotic controllers and precision machining centers, ensuring protection against overheating in continuous-duty manufacturing lines.

Supplemental Images

