

2410VL-S5W-B59-BE2 NMB 24VDC 60x60x25mm DC Axial Fan Datasheet



Brand: NMB

SKU: 988991758058

Category: Axial & Centrifugal Fans

Price: **\$34.99**

E-mail: sales@equipspares.com

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

Product Page:

<https://www.equipspares.com/product/2410vl-s5w-b59-be2-nmb-24vdc-60x60x25mm-dc-axial-fan>

Product Description

The NMB 2410VL-S5W-B59-BE2 is a precision-engineered DC axial fan designed for critical thermal management in industrial electronics and automation systems. Utilizing advanced dual ball bearing architecture, this unit ensures minimal frictional resistance and extended operational longevity under continuous duty cycles, significantly outperforming sleeve bearing alternatives in high-temperature environments. The aerodynamic impeller design optimizes static pressure delivery while maintaining a low acoustic profile, making it suitable for high-density component cooling where structural rigidity is paramount. Specifically calibrated as a direct replacement for the Fanuc A90L-0001-0581, it features superior thermal impedance characteristics and a dedicated sensor output for real-time speed monitoring. The motor assembly is housed in a flame-retardant reinforced plastic frame, providing essential stability and reliability in harsh manufacturing conditions.

Model Number: 2410VL-S5W-B59-BE2

Brand: NMB Technologies (MinebeaMitsumi)

Cross Reference: Fanuc A90L-0001-0581

Product Type: DC Axial Fan

Rated Voltage: 24 VDC

Voltage Range: 12.0 - 27.6 VDC

Rated Current: 0.11 A

Input Power: 2.64 W

Rated Speed: 4500 RPM
Bearing Type: Dual Ball Bearing
Max. Air Flow: 23.0 CFM (39.0 m³/h / 0.65 m³/min)
Max. Static Pressure: 5.6 mmH₂O (54.9 Pa / 0.22 inH₂O)
Dimensions: 60 x 60 x 25 mm
Weight: 65 g
Life Expectancy: 60,000 Hours at 25°C
Noise Level: 34.0 dB(A)
Housing Material: PBT Plastic (UL94V-0)
Impeller Material: PBT Plastic (UL94V-0)
Termination: 3-Wire Lead (with Sensor)
Sensor Type: Locked Rotor / Tachometer Signal
Operating Temperature: -10°C to +70°C
Storage Temperature: -40°C to +70°C
Insulation Resistance: 10M Ohm Min. at 500VDC
Dielectric Strength: 700VAC for 1 Second
Protection: Auto Restart / Polarity Protection
Mounting: Flange Type

Designed for rigorous industrial environments, the 2410VL-S5W-B59-BE2 is frequently deployed in CNC machinery and servo amplifier cooling systems. Its specific electrical profile makes it an ideal component for maintaining optimal operating temperatures in Fanuc control cabinets, power supplies, and spindle motor drives. Maintenance engineers rely on the 2410VL-S5W-B59-BE2 for its reliability in preventing thermal shutdowns in automated manufacturing lines, telecommunications equipment, and precision instrumentation racks where consistent airflow is non-negotiable.

Supplemental Images

