1608VL-S5W-B69-BE1 NMB-MAT 24VDC 40x40x20mm 3-Wire Axial Fan Datasheet

Brand: NMB

SKU: 968824048070

Category: Axial & Centrifugal Fans

Price: **$32.99**

E-mail: sales@equipspares.com

Web: https://www.equipspares.com

Product Page:
https://www.equipspares.com/product/1608vl-s5w-b69-be1-nmb-mat-24vdc-40x40x20mm-3-wire-axial-fan

Product Description

The NMB-MAT 1608VL-S5W-B69-BE1 is a precision-engineered DC axial fan designed for critical thermal management in industrial automation systems. Featuring a robust Double Ball Bearing architecture, this unit ensures long-term structural rigidity and operational stability under continuous loads. The 24VDC motor utilizes advanced aerodynamic impeller geometry to optimize airflow while minimizing thermal impedance within compact enclosures. Specifically configured for Fanuc systems, it includes a specialized 3-wire interface for real-time speed monitoring and feedback, ensuring system reliability in demanding manufacturing environments.

Model Number: 1608VL-S5W-B69-BE1
Brand: NMB-MAT (MinebeaMitsumi)
Product Type: DC Axial Fan
Rated Voltage: 24VDC
Voltage Range: 14.0 - 27.6 VDC
Rated Current: 0.09 A
Input Power: 2.16 W
Rated Speed: 8500 RPM
Bearing Type: Double Ball Bearing
Max. Air Flow: 9.5 CFM (16.1 m^3/h / 0.27 m^3/min)
Max. Static Pressure: 6.0 mmH_2O (58.8 Pa / 0.24 inH_2O)

Dimensions: 40x40x20mm
Weight: 25 g
Life Expectancy: 60,000 Hours at 25°C
Noise Level: 34.0 dB(A)
Housing Material: Polybutylene Terephthalate (PBT) UL94V-0
Impeller Material: Polybutylene Terephthalate (PBT) UL94V-0
Termination: 3-Wire with Fanuc Specific Connector
Speed Control: Tachometer Output (Sensor)
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: Locked Rotor Protection, Polarity Protection
Application: Fanuc CNC Systems, Servo Amplifiers

This cooling solution is primarily deployed within Fanuc CNC control systems and servo amplifier modules where precise thermal regulation is mandatory. The 1608VL-S5W-B69-BE1 integrates seamlessly into industrial control cabinets, providing essential airflow to prevent component overheating in automated machining centers. Operators frequently utilize the 1608VL-S5W-B69-BE1 for maintenance and repair of robotic controllers, power supplies, and rack-mounted instrumentation, ensuring uninterrupted production cycles in high-vibration industrial settings.

Supplemental Images