1608VL-S5W-B6-BE2 NMB-MAT 24VDC 40x40x20mm 3-Wire Axial Fan Datasheet

Brand: NMB

SKU: 894889827279

Category: Axial & Centrifugal Fans

Price: **$34.99**

E-mail: sales@equipspares.com

Web: https://www.equipspares.com

Product Page:
https://www.equipspares.com/product/1608vl-s5w-b6-be2-nmb-mat-24vdc-40x40x20mm-3-wire-axial-fan

Product Description

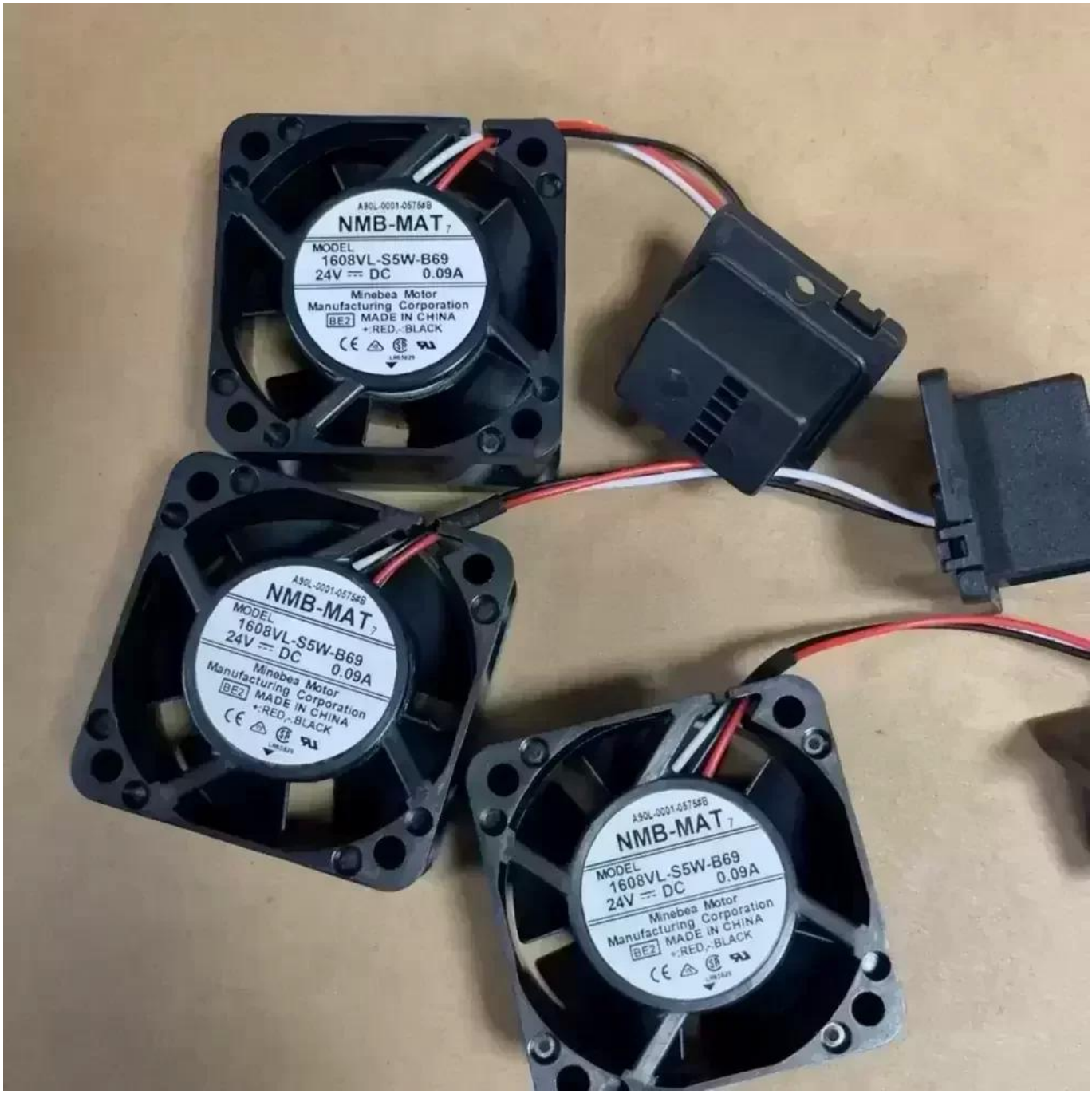
The NMB-MAT 1608VL-S5W-B6-BE2 is a precision-engineered DC Axial Fan designed for critical thermal management in industrial electronics and automation systems. Utilizing Minebea's proprietary dual ball bearing architecture, this unit ensures minimal friction and extended operational longevity under continuous load conditions. The aerodynamic impeller design optimizes airflow while maintaining low acoustic resonance, effectively reducing thermal impedance within high-density enclosures. Constructed with high-grade polymeric materials, the frame offers superior structural rigidity and resistance to environmental stressors, making it an ideal solution for demanding applications requiring reliable forced-air cooling and consistent static pressure.

Model Number: 1608VL-S5W-B6-BE2
Brand: NMB-MAT (Minebea)
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: Dual Ball Bearing
Max. Air Flow: 9.5 CFM (16.1 m^3/h / 0.27 m^3/min)

Max. Static Pressure: 6.6 mmH_2O (64.7 Pa / 0.26 inH_2O)
Dimensions: 40 x 40 x 20 mm
Weight: 40 g
Life Expectancy: 60,000 Hours (at 25°C)
Termination: 3-Wire (Lead Wire)
Speed Control: Tachometer Output (Signal)
Noise Level: 34.0 dBA
Housing Material: Plastic (UL94V-0)
Impeller Material: Plastic (UL94V-0)
Operating Temperature: -10°C to +70°C
Storage Temperature: -40°C to +70°C
Motor Protection: Locked Rotor Protection, Reverse Polarity Protection
Mounting Orientation: Any

This cooling solution is specifically engineered for integration into industrial automation systems, including FANUC CNC controllers and servo drive units where compact thermal regulation is essential. The 1608VL-S5W-B6-BE2 provides consistent airflow to dissipate heat from sensitive electronic components, preventing thermal throttling in server racks and telecommunication equipment. Maintenance engineers frequently utilize the 1608VL-S5W-B6-BE2 for retrofitting legacy machinery and medical instrumentation, ensuring operational stability in environments subject to vibration and continuous duty cycles.

Supplemental Images


NMB-MAT
MODEL
1608VL-S5W-B69
24V DC 0.09A
Minebea Motor
Manufacturing Corporation
BE2 MADE IN CHINA
+:RED,-:BLACK