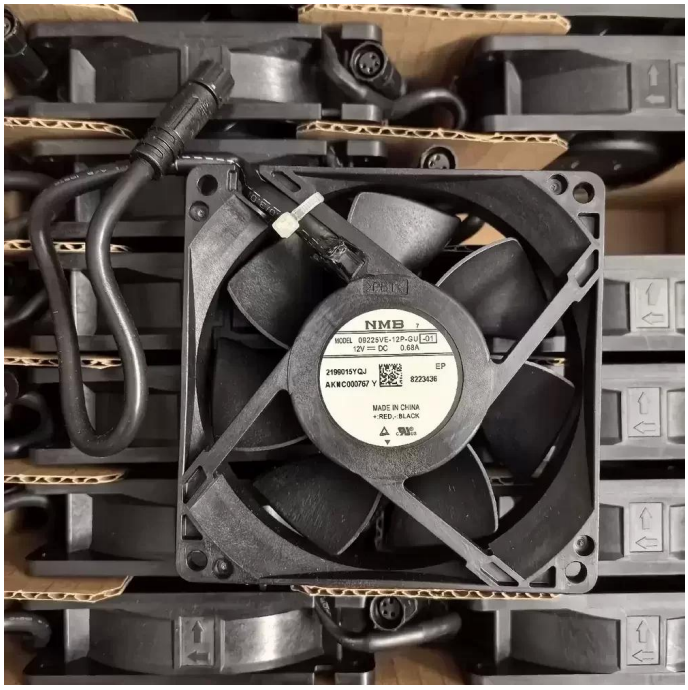
09225VE-12P-GU-01 NMB 12VDC 92x92x25mm DC Cooling Fan Datasheet



Brand: NMB

SKU: 877970201443

Category: Axial & Centrifugal Fans

Price: **$19.99**

E-mail: sales@equipspares.com

Web: https://www.equipspares.com

Product Page:
https://www.equipspares.com/product/09225ve-12p-gu-01-nmb-12vdc-92x92x25mm-dc-cooling-fan

Product Description

The NMB 09225VE-12P-GU-01 is a precision-engineered DC Axial Fan designed for critical thermal management applications requiring sustained high-static pressure and airflow. Utilizing advanced aerodynamic impeller geometry, this unit optimizes airflow efficiency while minimizing turbulence-induced noise, making it ideal for high-impedance enclosures. The robust construction features a reinforced thermoplastic frame providing exceptional structural rigidity, ensuring stability under high-RPM operation. At its core, the motor assembly integrates a premium Double Ball Bearing system, significantly reducing friction and thermal impedance to extend operational service life. This 92mm cooling solution delivers reliable performance in demanding industrial environments where heat dissipation is paramount.

Model Number: 09225VE-12P-GU-01
Brand: NMB-MAT (Minebea)
Product Type: DC Axial Fan
Rated Voltage: 12 VDC
Voltage Range: 7.0 - 13.2 VDC
Rated Current: 0.68 A
Input Power: 8.16 W
Rated Speed: 4400 RPM
Bearing Type: Double Ball Bearing

Max. Air Flow: 84.75 CFM (143.9 m^3/h / 2.40 m^3/min)
Max. Static Pressure: 11.2 mmH_2O (109.8 Pa / 0.44 inH_2O)
Dimensions: 92 x 92 x 25 mm
Weight: 110 g
Life Expectancy: 100,000 Hours (L10 at 25°C)
Noise Level: 46.5 dB(A)
Housing Material: PBT Plastic (UL94V-0)
Impeller Material: PBT Plastic (UL94V-0)
Ingress Protection: IP40
Insulation Class: Class E
Operating Temperature: -10°C to +70°C
Storage Temperature: -40°C to +70°C
Termination: 3-Wire Lead (Red +, Black -, White Tach/Signal)
Mounting Orientation: Any
Certifications: UL, CSA, TUV, CE, RoHS

The 09225VE-12P-GU-01 is engineered for deployment in high-density electronic enclosures such as rack-mounted servers and telecommunications base stations where forced air convection is essential. Its high-torque motor makes it suitable for industrial automation equipment, CNC machinery, and power supply units requiring consistent thermal regulation. Additionally, the 09225VE-12P-GU-01 serves effectively in medical instrumentation and network switchgear, maintaining optimal operating temperatures to prevent component degradation and ensure system reliability.

Supplemental Images


NMB
MODEL 09225VE-12P-GU -01
12V ⎓ DC 0.68A
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MADE IN CHINA
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