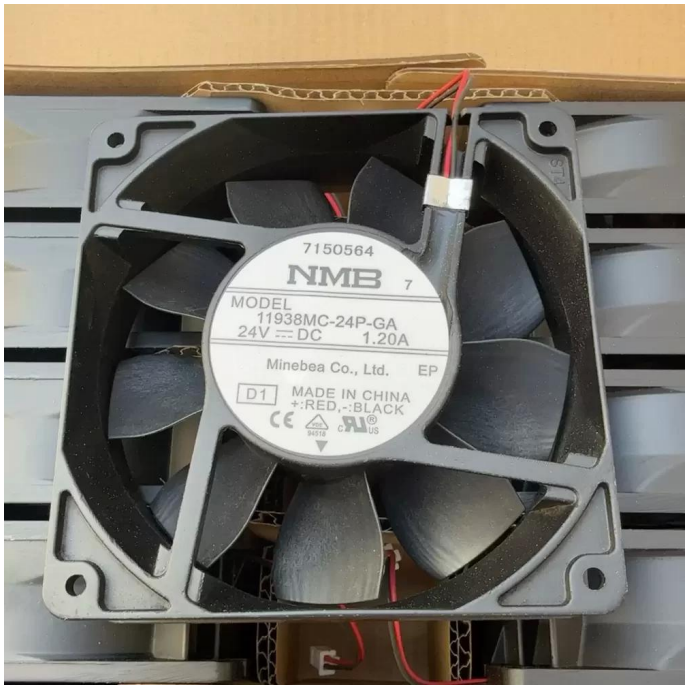
11938MC-24P-GA-D1 NMB 24VDC 120x120x38mm Axial Fan Datasheet



Brand: NMB

SKU: 976529189019

Category: Axial & Centrifugal Fans

Price: **$51.99**

E-mail: sales@equipspares.com

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Product Page:
https://www.equipspares.com/product/11938mc-24p-ga-d1-nmb-24vdc-120x120x38mm-axial-fan

Product Description

The NMB 11938MC-24P-GA-D1 is a precision-engineered Axial Fan designed for critical thermal management in high-density industrial environments. Utilizing advanced DC motor technology paired with a robust Dual Ball Bearing architecture, this unit ensures minimal friction and extended operational longevity under continuous high-speed loads. The aerodynamic impeller design optimizes static pressure capabilities while maintaining structural rigidity, effectively lowering thermal impedance within enclosed systems. Its high-current configuration makes it an ideal solution for demanding cooling requirements where reliability, airflow efficiency, and performance stability are paramount.

Model Number: 11938MC-24P-GA-D1
Brand: NMB-MAT (MinebeaMitsumi)
Product Type: DC Axial Fan
Rated Voltage: 24VDC
Operating Voltage Range: 14.0 - 27.6 VDC
Rated Current: 1.20 A
Input Power: 28.8 W
Rated Speed: 4800 RPM
Max. Air Flow: 190.0 CFM (322.8 m^3/h)
Max. Static Pressure: 22.5 mmH_2O (220 Pa / 0.88 inH_2O)

Bearing Type: Dual Ball Bearing
Dimensions: 120x120x38mm
Frame Material: Reinforced Plastic (UL94V-0)
Impeller Material: Plastic (UL94V-0)
Noise Level: 58.5 dB(A)
Life Expectancy: 70,000 Hours at 40°C
Termination: 3-Wire Lead with Connector
Operating Temperature: -10°C to +70°C
Storage Temperature: -40°C to +70°C
Ingress Protection: IP20
Safety Approvals: UL, cUL, TUV, CE
Weight: 290g

This cooling solution is specifically engineered for high-heat dissipation scenarios such as variable frequency drive (VFD) inverters and industrial automation control panels. The 11938MC-24P-GA-D1 excels in maintaining optimal operating temperatures within server racks and telecommunications equipment, preventing thermal throttling in continuous-duty cycles. Additionally, the 11938MC-24P-GA-D1 is frequently integrated into CNC machinery and heavy-duty power supply units where consistent airflow and high static pressure are required to overcome system resistance.

Supplemental Images