BG1203-B058-P00-L5 NMB-MAT 24VDC 120x32mm Blower Datasheet

Brand: NMB

SKU: 1016320975936

Category: Axial & Centrifugal Fans

Price: **$21.99**

E-mail: sales@equipspares.com

Web: https://www.equipspares.com

Product Page:
https://www.equipspares.com/product/bg1203-b058-p00-l5-nmb-mat-24vdc-120x32mm-blower

Product Description

NMB-MAT BG1203-B058-P00-L5 is a 24VDC 120x32mm Blower optimized for high-impedance industrial environments requiring concentrated airflow. This centrifugal blower features a robust DC brushless motor with dual ball bearing architecture, ensuring long-term structural rigidity and minimal thermal impedance during continuous operation. The aerodynamic impeller design is engineered to overcome significant backpressure in restricted enclosures. Operating at a rated current of 1.30A, this unit delivers high-velocity discharge suitable for localized cooling. It serves as a high-performance replacement fan for precision industrial control equipment and large-format printing systems where maintaining stable operating temperatures is critical for component longevity.

Model Number: BG1203-B058-P00-L5
Brand: NMB-MAT
Product Type: Centrifugal Blower
Rated Voltage: 24 VDC
Voltage Range: 12.0 - 27.6 VDC
Rated Current: 1.30 A
Power: 31.2 W
Rated Speed: 3500 RPM
Bearing Type: Dual Ball Bearing

Max. Air Flow: 42.4 CFM (1.20 m^3/min)
Max. Static Pressure: 34.2 mmH_2O (335 Pa / 1.35 inH_2O)
Dimensions: 120 x 120 x 32 mm
Weight: 250 g
Life Expectancy: 50,000 Hours at 25°C
Housing Material: Plastic (UL94V-0)
Blade Material: Plastic (UL94V-0)
Noise Level: 58.0 dB
Termination: 3-Lead Wires
Speed Control: PWM / Tachometer Output
Protection: Locked Rotor Protection, Reverse Polarity Protection
Insulation Class: Class E
Operating Temperature: -10 to +70 °C

BG1203-B058-P00-L5 Applications

1. Large-Format Inkjet Printers: Provides high static pressure to stabilize media suction and facilitate rapid ink drying across the print bridge.
2. Industrial VFD Enclosures: Efficiently evacuates heat from high-density power electronics by overcoming the internal resistance of compact drive cabinets.
3. Server Rack Exhaust: Ideal as a replacement fan for 2U/3U chassis where lateral airflow is required to vent hot spots in high-impedance configurations.

Supplemental Images