

12038FB-B3N-WPD-1 NMB 230VAC 120x120x38mm Axial Fan Datasheet



Brand: NMB

SKU: [1031610350196](#)

Category: Axial & Centrifugal Fans

Price: **\$185.99**

E-mail: sales@equipspares.com

Web: <https://www.equipspares.com>

Product Page:

<https://www.equipspares.com/product/12038fb-b3n-wpd-1-nmb-230vac-120x120x38mm-axial-fan>

Product Description

NMB 12038FB-B3N-WPD-1 is a 120 x 120 x 38 mm AC axial fan operating at 230 VAC with a power consumption of 16.5 W and a maximum airflow of 102.4 CFM. The unit features a robust aluminum die-cast frame and a UL 94V-0 plastic impeller mounted on a dual ball bearing system for extended service life. It incorporates a shaded pole induction motor with integrated thermal protection and utilizes a 3-wire lead termination for electrical interface. The mechanical design includes an integrated metal finger guard and standard mounting holes for secure installation.

12038FB-B3N-WPD-1 Specifications

Model: 12038FB-B3N-WPD-1

Brand: NMB (MinebeaMitsumi)

Category: AC Axial Fan

Dimensions: 120 x 120 x 38 mm

Nominal Voltage: 230 VAC

Frequency: 50 / 60 Hz

Input Power: 16.5 / 14.5 W

Rated Current: 0.14 / 0.12 A

Rotational Speed: 2500 / 2850 RPM

Max Airflow: 88.2 / 102.4 CFM

Max Static Pressure: 66.6 / 86.2 Pa

Noise Level: 40 / 44 dB

Bearing Type: Dual Ball Bearing

Frame Material: Aluminum

Impeller Material: Plastic (UL 94V-0)

Termination: 3-wire Lead Wires

Motor Protection: Thermal Protected

Operating Temperature: -10 to +70 °C

Storage Temperature: -40 to +70 °C

Mass: 530 g

Safety Approvals: UL, CSA, VDE, CE

12038FB-B3N-WPD-1 Applications

Primary applications include integration into Rittal electrical enclosures, CNC machine tool control cabinets, and industrial server racks. Deployed within telecommunications base stations and power supply cooling systems to maintain thermal equilibrium in high-density electronic assemblies.

Supplemental Images

