

04028DA-12S-BAF NMB 12VDC 40x40x28mm 1.0A Axial Fan Datasheet



Brand: NMB

SKU: 710288538471

Category: Axial & Centrifugal Fans

Price: **\$14.99**

E-mail: sales@equipspares.com

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

Product Page:

<https://www.equipspares.com/product/04028da-12s-baf-nmb-12vdc-40x40x28mm-1-0a-axial-fan>

Product Description

The NMB 04028DA-12S-BAF is a precision-engineered DC axial fan designed for extreme thermal management applications requiring high static pressure and airflow density. Manufactured by MinebeaMitsumi, this unit features a robust thermoplastic housing and an advanced aerodynamic impeller profile optimized to minimize thermal impedance in restricted environments. Utilizing a high-efficiency DC brushless motor system paired with durable ball bearing architecture, it ensures structural rigidity and operational stability even at rotational speeds reaching 22,000 RPM. The 04028DA-12S-BAF delivers exceptional cooling performance, making it suitable for high-density electronics and industrial machinery.

Model Number: 04028DA-12S-BAF

Brand: NMB (MinebeaMitsumi)

Product Type: DC Axial Fan

Rated Voltage: 12 VDC

Voltage Range: 4.0 - 12.0 VDC

Rated Current: 1.0 A

Operating Current (12V): 0.8 A

Operating Current (5V): 0.45 A

Power Consumption: 12.0 W

Rated Speed (12V): 22000 RPM

Rated Speed (5V): 11000 RPM

Dimensions: 40 x 40 x 28 mm

Bearing Type: Dual Ball Bearing

Motor Type: DC Brushless

Housing Material: Reinforced Plastic (UL94V-0)

Impeller Material: Reinforced Plastic (UL94V-0)

Mounting Orientation: Any

Termination: Lead Wires

Application: Server Cooling, RC Models, Component Diagnostics

This high-velocity cooling solution is engineered for applications demanding rapid heat dissipation, such as server rack enclosures and telecommunications equipment. The 04028DA-12S-BAF is frequently utilized in specialized electronics repair, specifically for motherboard and CPU cooling during diagnostic operations where immediate temperature reduction is critical. Additionally, the compact yet powerful output of the 04028DA-12S-BAF makes it a preferred choice for high-performance RC models and custom ventilation systems requiring significant static pressure to overcome airflow resistance.

Supplemental Images

