

04028DE-26N-BTK-1 NMB 26VDC 40x40x28mm Inverter Cooling Fan Datasheet



Brand: NMB

SKU: [988247083586](#)

Category: Axial & Centrifugal Fans

Price: **\$18.99**

E-mail: sales@equipspares.com

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Product Description

The NMB 04028DE-26N-BTK-1 is a compact Axial Fan engineered for high-reliability thermal management in industrial inverter systems and dense electronic enclosures. Utilizing advanced DC brushless motor technology and a precision dual ball bearing architecture, this unit ensures minimal friction and extended operational longevity under continuous load. The aerodynamic impeller design optimizes airflow while maintaining significant static pressure, effectively overcoming high thermal impedance in restricted spaces. Constructed with a robust Polybutylene Terephthalate (PBT) frame, the fan offers superior structural rigidity and resistance to environmental stress, making it an ideal solution for critical cooling applications requiring consistent performance and durability.

Model Number: 04028DE-26N-BTK-1

Brand: NMB Technologies (MinebeaMitsumi)

Product Type: DC Axial Fan

Rated Voltage: 26 VDC

Voltage Range: 14.0 - 27.6 VDC

Rated Current: 0.20 A

Input Power: 5.20 W

Rated Speed: 13500 RPM

Bearing Type: Precision Dual Ball Bearing

Max. Air Flow: 24.7 CFM (42.0 m³/h / 0.70 m³/min)

Max. Static Pressure: 21.5 mmH₂O (210 Pa / 0.85 inH₂O)

Dimensions: 40 x 40 x 28 mm

Weight: 50 g

Life Expectancy: 100,000 Hours (L10 at 25°C)

Noise Level: 54.0 dB(A)

Housing Material: Polybutylene Terephthalate (PBT) UL94V-0

Impeller Material: Polybutylene Terephthalate (PBT) UL94V-0

Ingress Protection: IP40

Termination: 3-Wire Lead with Connector

Operating Temperature: -10°C to +70°C

Storage Temperature: -40°C to +70°C

Speed Control: Tachometer Output (FG Signal)

Safety Protection: Locked Rotor Protection, Reverse Polarity Protection

Mounting Orientation: Any

The 04028DE-26N-BTK-1 is specifically engineered for high-density electronics cooling, finding its primary application in variable frequency drives (VFDs) and industrial power inverters. Its compact form factor and high static pressure capabilities make the 04028DE-26N-BTK-1 an essential component for server rack power supplies, CNC machinery control units, and precision medical instrumentation where reliable thermal dissipation is critical for preventing component failure.

Supplemental Images

