

# 4184NMCR-110 ebm-papst 24VDC 0.17A 119x119x38mm Axial Fan Datasheet



**Brand:** ebmpapst

**SKU:** 684860863198

**Category:** Axial & Centrifugal Fans

**Price:** **\$72.99**

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Product Page:

<https://www.equipspares.com/product/4184nmcr-110-ebm-papst-24vdc-0-17a-119x119x38mm-axial-fan>

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## Product Description

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The ebm-papst 4184NMCR-110 is a precision-engineered Axial Fan designed for critical thermal management applications requiring consistent airflow and high reliability. Utilizing advanced DC motor technology paired with a durable Ball Bearing architecture, this unit ensures minimal friction and extended operational longevity. The aerodynamic impeller design optimizes static pressure capabilities while maintaining a balanced acoustic profile, effectively reducing thermal impedance in dense electronic enclosures. Constructed with fiberglass-reinforced PBT housing, the 4184NMCR-110 offers superior structural rigidity and resistance to environmental stress, making it an ideal solution for continuous duty cycles in demanding industrial environments.

Model Number: 4184NMCR-110

Brand: ebm-papst

Product Type: Axial Fan

Rated Voltage: 24 VDC

Voltage Range: 12.0 - 30.0 VDC

Rated Current: 0.17 A

Power Consumption: 4.0 W

Rated Speed: 2800 RPM

Bearing Type: Ball Bearing

Max. Air Flow: 94.1 CFM (160 m<sup>3</sup>/h / 2.66 m<sup>3</sup>/min)

Max. Static Pressure: 6.12 mmH<sub>2</sub>O (60 Pa / 0.24 inH<sub>2</sub>O)

Dimensions: 119 x 119 x 38 mm

Weight: 0.25 kg

Life Expectancy: 80,000 Hours at 40°C

Noise Level: 44 dB(A)

Housing Material: Fiberglass-Reinforced PBT (UL94V-0)

Impeller Material: Fiberglass-Reinforced PA (UL94V-0)

Operating Temperature: -20°C to +75°C

Storage Temperature: -40°C to +80°C

Termination: 2-Wire Leads

Ingress Protection: IP20

Motor Protection: Reverse Polarity Protected; Locked Rotor Protection

Direction of Rotation: Clockwise (viewing rotor)

Airflow Direction: Struts to Hub (Exhaust)

Origin: Germany

The 4184NMCR-110 is engineered to support high-performance cooling in varied industrial sectors, including telecommunications infrastructure, server rack ventilation, and automated control cabinets. Its robust construction allows for seamless integration into CNC machinery and medical diagnostic equipment where consistent thermal regulation is paramount. By delivering reliable airflow, the 4184NMCR-110 ensures sensitive components remain within safe operating temperature ranges, preventing system failures in mission-critical hardware setups.

## Supplemental Images

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