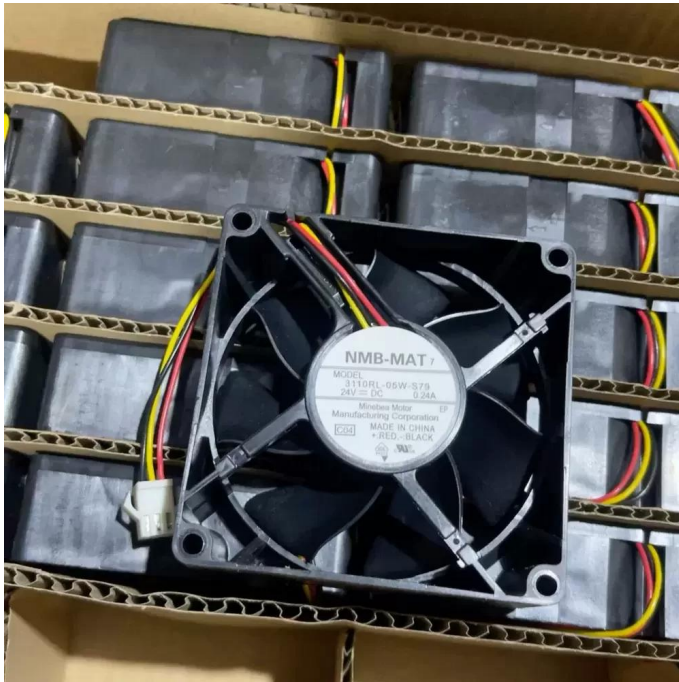


3110RL-05W-S79-C04 NMB-MAT 24VDC 80x80x25mm Axial Fan Datasheet



Brand: NMB

SKU: 1008521889146

Category: Axial & Centrifugal Fans

Price: \$16.99

E-mail: sales@equipspares.com

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

Product Page:

<https://www.equipspares.com/product/3110rl-05w-s79-c04-nmb-mat-24vdc-80x80x25mm-axial-fan>

Product Description

The NMB-MAT 3110RL-05W-S79-C04 is a precision-engineered Axial Fan designed for critical thermal management in industrial environments. Utilizing advanced DC motor technology coupled with a robust Double Ball Bearing system, this unit ensures exceptional longevity and structural rigidity under continuous operation. The aerodynamic impeller design optimizes airflow while minimizing acoustic resonance, resulting in a favorable thermal impedance profile. Engineered for reliability, the 3110RL-05W-S79-C04 maintains consistent performance parameters, making it an ideal solution for high-density electronic enclosures requiring efficient heat dissipation.

Model Number: 3110RL-05W-S79-C04

Brand: NMB-MAT

Product Type: DC Axial Cooling Fan

Rated Voltage: 24 VDC

Voltage Range: 14.0 - 27.6 VDC

Rated Current: 0.24 A

Input Power: 5.76 W

Rated Speed: 4500 RPM

Bearing Type: Double Ball Bearing

Max. Air Flow: 53.0 CFM (90.0 m³/h / 1.50 m³/min)

Max. Static Pressure: 8.8 mmH₂O (86.3 Pa / 0.35 inH₂O)

Dimensions: 80 x 80 x 25 mm

Weight: 95 g

Life Expectancy: 100,000 Hours at 25°C

Noise Level: 42.0 dB(A)

Housing Material: PBT Plastic (UL94V-0)

Impeller Material: PBT Plastic (UL94V-0)

Termination: 3-Wire Lead (Signal Output)

Operating Temperature: -10°C to +70°C

Storage Temperature: -40°C to +70°C

Ingress Protection: IP40

Safety Certifications: UL, CSA, TUV, VDE

Deploying the 3110RL-05W-S79-C04 within variable frequency drives (VFDs) and industrial inverters ensures optimal operating temperatures for sensitive power electronics. This cooling solution is equally effective in server rack assemblies, CNC machinery control panels, and telecommunications infrastructure where sustained airflow is critical. The 3110RL-05W-S79-C04 provides the necessary static pressure to overcome impedance in dense component layouts, safeguarding equipment against thermal throttling and extending the operational lifespan of mission-critical hardware.

Supplemental Images

