

# C4010H24BPLB1b-7 Pelko Motors 24VDC 40x40x10mm Axial Fan Datasheet



**Brand:** PELKO Motors

**SKU:** [916626846544](#)

**Category:** Axial & Centrifugal Fans

**Price:** **\$7.99**

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Product Page:

<https://www.equipspares.com/product/c4010h24bplb1b-7-pelko-motors-24vdc-40x40x10mm-axial-fan>

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## Product Description

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The Pelko Motors C4010H24BPLB1b-7 is a compact Axial Fan engineered for high-density electronic environments requiring efficient thermal management. Utilizing a robust Double Ball Bearing system reinforced with a copper middle tube, this unit ensures exceptional structural rigidity and reduced friction coefficients, significantly extending operational lifespan under continuous load. The 24VDC motor architecture is optimized for stable torque delivery, minimizing electromagnetic interference while maintaining consistent airflow. Designed with precision-molded thermoplastic impellers, the C4010H24BPLB1b-7 balances aerodynamic efficiency with acoustic performance, making it an ideal solution for mitigating thermal impedance in space-constrained industrial enclosures and telecommunications hardware.

Model Number: C4010H24BPLB1b-7

Brand: Pelko Motors

Product Type: DC Axial Fan

Rated Voltage: 24VDC

Voltage Range: 14.0 - 27.6 VDC

Rated Current: 0.10 A

Power Input: 2.40 W

Rated Speed: 6500 RPM

Bearing Type: Double Ball Bearing (Copper Core)

Max. Air Flow: 7.8 CFM (13.25 m<sup>3</sup>/h / 0.22 m<sup>3</sup>/min)  
Max. Static Pressure: 5.2 mmH<sub>2</sub>O (51 Pa / 0.20 inH<sub>2</sub>O)  
Dimensions: 40 x 40 x 10 mm  
Weight: 18 g  
Life Expectancy: 70,000 Hours at 40°C  
Noise Level: 28.5 dB(A)  
Housing Material: PBT (UL94V-0)  
Impeller Material: PBT (UL94V-0)  
Operating Temperature: -10°C to +70°C  
Storage Temperature: -40°C to +70°C  
Termination: Lead Wires  
Protection: Impedance Protected, Reverse Polarity

The C4010H24BPLB1b-7 is specifically calibrated for critical cooling applications within compact industrial assemblies where reliability is paramount. Common deployments include 1U server rack power supplies, network switches, and embedded automation controllers. The C4010H24BPLB1b-7 also serves effectively in medical diagnostic equipment and CNC control interfaces, providing consistent airflow to dissipate heat from sensitive ICs and power transistors without occupying excessive internal volume.

## Supplemental Images

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