

# C8015H24BPLP1B Pelko Motors 24VDC 80x80x15mm Axial Fan Datasheet



**Brand:** PELKO Motors

**SKU:** 748359802625

**Category:** Axial & Centrifugal Fans

**Price:** \$8.99

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Product Page:

<https://www.equipspares.com/product/c8015h24bplp1b-pelko-motors-24vdc-80x80x15mm-axial-fan>

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## Product Description

The Pelko Motors C8015H24BPLP1B is a precision-engineered DC axial fan designed for space-constrained industrial cooling applications requiring reliable thermal management. This unit features a slim 15mm profile within an 80mm thermoplastic frame, utilizing a robust dual ball bearing architecture to ensure extended operational service life and reduced frictional heat generation. The aerodynamic impeller geometry is optimized to balance airflow against static pressure, maintaining structural rigidity under continuous load. Engineered for 24VDC systems, it delivers consistent performance with a current draw of 0.12A, making it an ideal solution for mitigating thermal impedance in electronic enclosures and compact machinery.

Model Number: C8015H24BPLP1B

Brand: Pelko Motors

Product Type: DC Axial Fan

Rated Voltage: 24VDC

Voltage Range: 14.0 - 27.6 VDC

Rated Current: 0.12 A

Power: 2.88 W

Rated Speed: 3500 RPM

Bearing Type: Dual Ball Bearing

Max. Air Flow: 35.0 CFM (59.4 m<sup>3</sup>/h / 0.99 m<sup>3</sup>/min)

Max. Static Pressure: 3.50 mmH<sub>2</sub>O (34.3 Pa / 0.14 inH<sub>2</sub>O)

Dimensions: 80 x 80 x 15 mm

Weight: 65 g

Life Expectancy: 50,000 Hours at 40°C

Noise Level: 34.0 dB(A)

Housing Material: Thermoplastic PBT (UL94V-0)

Blade Material: Thermoplastic PBT (UL94V-0)

Termination: Lead Wires

Operating Temperature: -10°C to +70°C

Storage Temperature: -40°C to +70°C

Ingress Protection: IP20

Insulation Class: Class A

Safety Certifications: CE, UL, TUV

Mounting Orientation: Any

The C8015H24BPLP1B is frequently integrated into telecommunications equipment and low-profile server racks where vertical space is at a premium. Its slim form factor allows for efficient heat dissipation in compact power supply units and industrial automation control panels. Engineers rely on the C8015H24BPLP1B for its durability in continuous-duty cycles, ensuring critical components in medical instrumentation and network switches remain within safe operating temperature ranges.

## Supplemental Images

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