

1606KL-05W-B59-L00 NMB 24VDC 40x40x15mm DC Axial Fan Datasheet



Brand: NMB

SKU: 1047913854412

Category: Axial & Centrifugal Fans

Price: \$29.29

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Product Page:

<https://www.equipspares.com/product/1606kl-05w-b59-l00-nmb-24vdc-40x40x15mm-dc-axial-fan>

Product Description

NMB 1606KL-05W-B59-L00 is a 40 mm x 40 mm x 15 mm DC axial fan delivering a nominal 24 VDC operation and a maximum airflow of 8.1 CFM. Engineered with a durable plastic frame and impeller, this unit utilizes a precision ball bearing system to ensure a life expectancy of 60,000 hours at 25 °C. The hardware features a three-wire lead interface equipped with a locked rotor sensor for precise status monitoring, operating at 8000 RPM while generating 62.8 Pa of static pressure and 34 dB of acoustic noise.

1606KL-05W-B59-L00 Specifications

Model Number: 1606KL-05W-B59-L00

Brand: NMB Technologies

Product Category: DC Axial Fan

Frame Dimensions: 40 mm x 40 mm x 15 mm

Nominal Voltage: 24 VDC

Operating Voltage Range: 22.0 VDC to 25.2 VDC

Rated Current: 0.08 A (Max) / 0.062 A (Nominal)

Input Power: 1.5 W to 1.92 W

Maximum Fan Speed: 8000 RPM

Maximum Airflow: 8.1 CFM (0.23 m³/min)

Maximum Static Pressure: 0.25 In H₂O (62.8 Pa)

Acoustic Noise Level: 34 dB

Bearing Type: Ball Bearing

Life Expectancy: 60,000 Hours at 25 °C

Termination: Three-Wire Leads

Sensor Type: Locked Rotor Output

Frame Material: Plastic

Impeller Material: Plastic

Mass: 20 g

Product Status: End of Life

1606KL-05W-B59-L00 Applications

Primary applications include integration into compact industrial inverters, CNC spindle control cabinets, and telecom base station power supplies. Deployed within high-density server racks and automated diagnostic equipment, this fan provides targeted thermal management for localized heat sinks and enclosed PCB arrays.