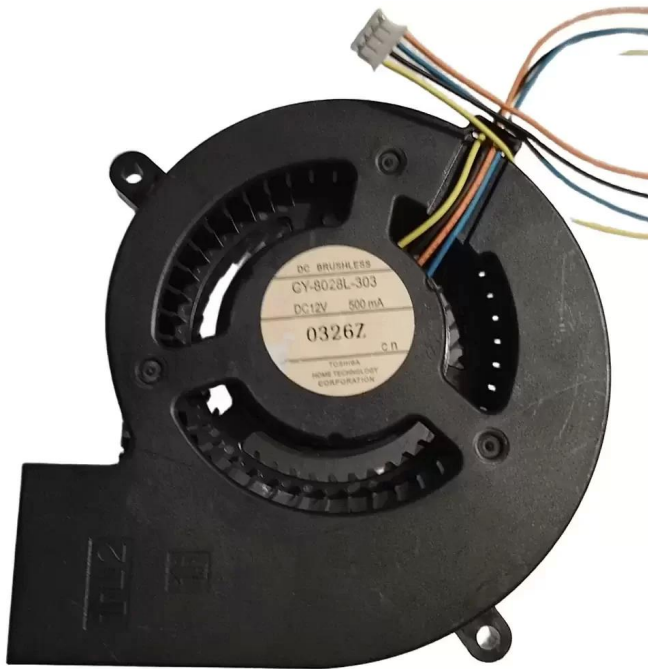


# CY-8028L-303 Toshiba 12VDC 80x80x28mm Projector Blower Fan Datasheet



**Brand:** Toshiba

**SKU:** [1020764375290](#)

**Category:** Axial & Centrifugal Fans

**Price:** **\$27.99**

**E-mail:** [sales@equipspares.com](mailto:sales@equipspares.com)

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

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Product Page:

<https://www.equipspares.com/product/cy-8028l-303-toshiba-12vdc-80x80x28mm-projector-blower-fan>

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## Product Description

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The Toshiba CY-8028L-303 is a high-precision DC centrifugal blower fan engineered for critical thermal management in projection systems and compact industrial enclosures. Operating at a rated 12VDC with a 500mA current draw, this 80x80x28mm cooling solution delivers concentrated airflow to dissipate heat from internal components effectively. The CY-8028L-303 features a specialized 4-wire interface, enabling advanced pulse width modulation (PWM) for dynamic speed control and real-time tachometer feedback. This industrial cooling fan is optimized for high static pressure requirements, ensuring consistent performance in environments with significant airflow resistance, making it an essential component for maintaining optimal operating temperatures in high-lumen equipment.

Model Number: CY-8028L-303

Brand: Toshiba

Product Type: Centrifugal Blower Fan

Rated Voltage: 12VDC

Voltage Range: 10.2 - 13.8 VDC

Rated Current: 0.50A

Power: 6.0W

Rated Speed: High Speed

Bearing Type: Dual Ball Bearing

Max. Air Flow: High Volume Centrifugal Output

Max. Static Pressure: High Static Pressure Blower Design

Dimensions: 80x80x28mm

Weight: 95g

Life Expectancy: 50,000 Hours at 40C

Speed Control: 4-Wire PWM (Pulse Width Modulation)

Feedback: Tachometer / Frequency Generator Signal

Termination: 4-Pin Connector

Housing Material: UL94V-0 PBT Plastic

Blade Material: UL94V-0 PBT Plastic

Operating Temperature: -10C to +70C

Storage Temperature: -40C to +75C

Protection Features: Locked Rotor Protection, Reverse Polarity Protection

The Toshiba CY-8028L-303 is primarily utilized as a dedicated thermal solution for high-end digital projectors and specialized optical equipment. In these applications, the CY-8028L-303 provides the necessary static pressure to force air through dense internal heat sinks and lamp modules. Beyond projection technology, the CY-8028L-303 is frequently integrated into medical diagnostic devices and compact server nodes where directional cooling and precise speed modulation are required to prevent component throttling.

## Supplemental Images

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