

CY-6023L-20 TOSHIBA 12VDC 0.23A 60mm Centrifugal Blower Datasheet



Brand: Toshiba

SKU: [1024842630964](#)

Category: Axial & Centrifugal Fans

Price: **\$18.99**

E-mail: sales@equipspares.com

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

Product Page:

<https://www.equipspares.com/product/cy-6023l-20-toshiba-12vdc-0-23a-60mm-centrifugal-blower>

Product Description

TOSHIBA CY-6023L-20 is a 12VDC 60mm Blower optimized for high-impedance thermal management in confined enclosures. This specialized centrifugal unit utilizes a brushless DC motor architecture to ensure consistent torque and reduced electromagnetic interference. Designed with structural rigidity to withstand continuous operation, the CY-6023L-20 features a precision-engineered impeller that maximizes static pressure to overcome the airflow resistance typical of dense optical assemblies. Operating at 230mA, this blower provides the necessary thermal dissipation for sensitive electronics while maintaining a compact 60mm footprint. Its three-wire configuration allows for integrated tachometer feedback, ensuring system controllers can monitor rotational velocity to prevent thermal runaway in critical hardware.

Model Number: CY-6023L-20

Brand: TOSHIBA

Product Type: Centrifugal Blower

Rated Voltage: 12 VDC

Voltage Range: 10.2 - 13.8 VDC

Rated Current: 0.23 A

Power: 2.76 W

Rated Speed: 3200 RPM

Bearing Type: Precision Sleeve

Max. Air Flow: 5.8 CFM

Max. Static Pressure: 12.4 mmH₂O

Dimensions: 60 x 60 x 23 mm

Weight: 45 g

Life Expectancy: 30000 hours at 40 C

Speed Control: Tachometer / Signal Output

Termination: 3 Lead Wires

Housing Material: UL94V-0 Thermoplastic PBT

Blade Material: UL94V-0 Thermoplastic PBT

Insulation Class: Class A

Operating Temperature: -10 to +70 C

Storage Temperature: -40 to +75 C

Protection Features: Locked Rotor Protection, Reverse Polarity Protection

CY-6023L-20 Applications

1. DLP Projector Light Engines: High static pressure overcomes the dense thermal impedance of internal optical filters and lamp modules.
2. Compact Multimedia Projectors: Ideal replacement fan for maintaining low-vibration cooling in portable projection units.
3. Medical Imaging Equipment: Precise airflow delivery for localized cooling of sensor arrays in space-constrained diagnostic tools.

Supplemental Images

