

TA15052HBL-2 CSDF 230VAC 172x150x51mm AC Axial Fan

SKU: TA15052HBL-2

Price: \$16.00

Categories: Fans

Tags: CSDF

Product Link:

<https://www.electspares.com/product/ta15052hbl-2-csdf-230vac-172x150x51mm-ac-axial-fan/>

Product Description

The CSDF TA15052HBL-2 is a high-performance 230VAC AC Axial Fan featuring a rugged elliptical housing with dimensions of 172 x 150 x 51 mm. Specifically engineered for mission-critical cooling in heavy-duty truck radiators and industrial cabinets, this 150 mm unit is driven by an external rotor motor with maintenance-free dual ball bearings and a 2-wire lead wire connection. Operating on a 230 VAC supply, it delivers a Max. Power Consumption of 38 W (50 Hz) / 35 W (60 Hz) and a Max. Current Draw of 0.22 A / 0.19 A at a rated speed of 2700 / 2800 RPM. This unit provides a Max. Air Flow of 212.0 CFM (360.2 m³/h / 6.00 m³/min) and a Max. Static Pressure of 16.50 mmH₂O (161.8 Pa / 0.65 inAq). Featuring a high-strength aluminum alloy housing and a thermoplastic PBT impeller (UL 94V-0), it ensures superior thermal management and an extended service life in continuous S1 environments at the end.

TA15052HBL-2 Fan Parameters

Model Number: TA15052HBL-2

Manufacturer: CSDF

Type: AC Axial Fan

Dimensions: 172 x 150 x 51 mm

Weight: 920 g

Bearing Type: Dual ball bearing

Nominal Voltage: 230 VAC

Phase: 1~

Frequency: 50 / 60 Hz

Current Draw: 0.22 / 0.19 A

Max. Power Consumption: 38 / 35 W

Rated Speed: 2700 / 2800 RPM

Max. Air Flow: 198.0 / 212.0 CFM (336.4 / 360.2 m³/h / 5.61 / 6.00 m³/min)

Max. Static Pressure: 14.80 / 16.50 mmH₂O (145.1 / 161.8 Pa / 0.58 / 0.65 inAq)

Noise Level: 52 / 55 dB(A)

Impeller Material: Thermoplastic PBT (UL 94V-0)

Housing Material: Die-cast aluminum alloy, painted black

Direction of Rotation: Counter-clockwise (viewed toward rotor)

Direction of Airflow: Suction over struts

Insulation Class: "B"

Motor Protection: Impedance protected

Connection: 2-Wire Lead Wires (UL 1007, AWG 22)

Dielectric Strength: 1500 VAC for 1 minute between housing and terminal

Mode: S1

Protection Class: I

Operating Temperature: -20 to +70 °C

Storage Temperature: -40 to +80 °C

Standard Compliance: UL; CE; RoHS; TUV

Application

The CSDF TA15052HBL-2 fan is the primary cooling component for heavy-duty truck engine compartments, industrial control cabinets, and large-scale power supply systems requiring high-volume 230V AC axial airflow via a simplified 2-wire connection.

Product Images







Scan for product details:

