T795CG Royal Fan 200VAC 120x120x38mm High Temp AC Fan Datasheet

Brand: Royal Fan

SKU: 837268755388

Category: Axial & Centrifugal Fans

Price: **$65.99**

E-mail: sales@equipspares.com

Web: https://www.equipspares.com

Product Page:
https://www.equipspares.com/product/t795cg-royal-fan-200vac-120x120x38mm-high-temp-ac-fan

Product Description

The Royal Fan T795CG is a robust AC axial fan engineered for rigorous industrial thermal management. Utilizing a shaded pole induction motor architecture, this unit delivers consistent airflow with optimized thermal impedance characteristics. The construction features a high-durability aluminum die-cast frame paired with polycarbonate impellers, ensuring structural rigidity and resistance to deformation under thermal stress. Designed for high-temperature environments, the T795CG integrates precision ball bearings to minimize frictional losses and extend operational service life, making it an ideal solution for continuous duty cycles in demanding electrical enclosures and machinery.

Model Number: T795CG
Brand: Royal Fan (Ikura)
Product Type: AC Axial Fan
Rated Voltage: 200 VAC
Frequency: 50 / 60 Hz
Input Power: 36 / 31 W
Rated Current: 0.25 / 0.21 A
Rated Speed: 2700 / 3100 RPM
Max. Air Flow: 95.3 / 109.5 CFM (2.7 / 3.1 m^3/min)
Max. Static Pressure: 7.9 / 8.9 mmH_2O (78 / 88 Pa)

Bearing Type: Double Ball Bearing
Dimensions: 120 x 120 x 38 mm
Frame Material: Aluminum Die-Cast (Black Paint)
Blade Material: Polycarbonate (Glass Fiber Reinforced)
Noise Level: 42 / 46 dB(A)
Operating Temperature: -10°C to +70°C
Storage Temperature: -40°C to +70°C
Life Expectancy: 25,000 Hours (at 60°C)
Motor Protection: Impedance Protected
Dielectric Strength: 1500 VAC for 1 minute
Insulation Resistance: 100 MΩ min. at 500 VDC
Termination: Terminal Type / Lead Wire
Weight: 550 g
Ingress Protection: IP20

The T795CG is specifically engineered for high-reliability applications within industrial automation and power distribution sectors. Common deployments include cooling control panels, server racks, and heavy-duty power supplies where consistent thermal dissipation is critical. The T795CG excels in environments requiring sustained operation at elevated temperatures, such as CNC machinery cabinets and telecommunications infrastructure, ensuring sensitive components remain within safe operating limits.

Supplemental Images