BY9225HE2 BOYANG 220VAC 92x92x25mm Axial Fan Datasheet

SKU: 900957930905

Category: Axial & Centrifugal Fans

Price: **$11.99**

E-mail: sales@equipspares.com

Web: https://www.equipspares.com

Product Page: https://www.equipspares.com/product/by9225he2-boyang-220vac-92x92x25mm-axial-fan

Product Description

The BOYANG BY9225HE2 is a precision-engineered EC Axial Fan designed for critical thermal management applications requiring high efficiency and reliability. Featuring advanced Electronically Commutated (EC) motor technology, this unit combines the high-performance characteristics of DC brushless motors with the direct compatibility of AC mains power. The 92mm frame houses a robust motor architecture that ensures reduced thermal impedance and superior structural rigidity. Optimized for continuous industrial operation, the BY9225HE2 delivers consistent high-volume airflow while maintaining a low 5W power profile, making it an exceptional solution for reducing energy consumption in high-density electronic enclosures.

Model Number: BY9225HE2
Brand: BOYANG
Product Type: EC Axial Fan
Rated Voltage: 220VAC
Frequency: 50/60 Hz
Power: 5.0 W
Rated Speed: 2800 RPM
Bearing Type: Precision Ball Bearing
Max. Air Flow: 52.0 CFM (88.3 m^3/h)
Max. Static Pressure: 5.8 mmH_2O (56.8 Pa)
Dimensions: 92 x 92 x 25 mm

Weight: 250 g
Life Expectancy: 50,000 Hours @ 40°C
Motor Technology: Brushless EC (Electronically Commutated)
Housing Material: Thermoplastic PBT (UL94V-0)
Blade Material: Thermoplastic PBT (UL94V-0)
Operating Temperature: -10°C to +70°C
Termination: Lead Wires
Ingress Protection: IP44
Mounting Orientation: Any

The BY9225HE2 is engineered for versatile deployment in rigorous industrial and commercial cooling environments. Its primary utility lies in server cabinet ventilation, CNC machine control panels, and electronic chassis heat dissipation where space is limited but airflow demand is high. The robust EC motor design allows the BY9225HE2 to operate reliably in telecommunications equipment and power supply units, ensuring component longevity through effective thermal regulation. Additionally, this model is frequently utilized in compact HVAC auxiliary systems and medical instrumentation cooling.

Supplemental Images