W2E200-HH38-06 ebmpapst 230VAC 255x80mm Axial Fan Datasheet

Brand: ebmpapst

SKU: 1000218889328

Category: Axial & Centrifugal Fans

Price: **$212.99**

E-mail: sales@equipspares.com

Web: https://www.equipspares.com

Product Page:
https://www.equipspares.com/product/w2e200-hh38-06-ebmpapst-230vac-255x80mm-axial-fan

Product Description

The ebmpapst W2E200-HH38-06 is a robust AC Axial Fan designed specifically for high-load industrial thermal management. Engineered with an external rotor shaded-pole motor integrated into a die-cast aluminum housing, this unit offers exceptional structural rigidity and efficient heat dissipation. The aerodynamic impeller geometry minimizes thermal impedance while optimizing airflow throughput against system resistance. Featuring a precision ball bearing system, the W2E200-HH38-06 ensures operational stability and extended service life, making it a critical component for maintaining thermal equilibrium in power electronics and automation assemblies.

Model Number: W2E200-HH38-06
Brand: ebmpapst
Product Type: AC Axial Fan
Rated Voltage: 230 VAC
Frequency: 50 / 60 Hz
Voltage Range: 200 - 240 VAC
Rated Current: 0.29 / 0.35 A
Power Input: 64 / 80 W
Rated Speed: 2550 / 2800 RPM
Max. Air Flow: 460 CFM (780 m^3/h)
Max. Static Pressure: 15.0 mmH_2O (147 Pa)

Bearing Type: Ball Bearing
Dimensions: 225 x 225 x 80 mm (Input Ref: 255x80mm)
Housing Material: Die-Cast Aluminum
Impeller Material: Sheet Steel (Black Coated)
Operating Temperature: -25 to +75 °C
Termination: Terminal Block / Lead Wire
Weight: 2.1 kg
Ingress Protection: IP44
Motor Protection: Thermal Overload Protector
Phase: Single Phase
Life Expectancy: 40,000 Hours (40°C)
Mounting: Flange Mount

The W2E200-HH38-06 is extensively utilized in critical industrial applications, particularly for the cooling of variable frequency drives (VFDs) and heavy-duty power inverters. Its high airflow capacity makes it ideal for dissipating heat in dense server cabinets, CNC machine control panels, and telecommunication base stations. By ensuring consistent airflow, the W2E200-HH38-06 prevents component overheating and thermal shutdowns in continuous-operation manufacturing environments and power distribution units.

Supplemental Images