W2130-AA03-71 ebm-papst 230VAC 130mm AC Axial Fan Datasheet

Brand: ebmpapst

SKU: 837355903106

Category: Axial & Centrifugal Fans

Price: **$192.99**

E-mail: sales@equipspares.com

Web: https://www.equipspares.com

Product Page:
https://www.equipspares.com/product/w2130-aa03-71-ebm-papst-230vac-130mm-ac-axial-fan

Product Description

The ebm-papst W2130-AA03-71 is a robust AC Axial Fan designed for demanding industrial environments requiring consistent thermal management. Utilizing advanced external rotor motor technology, this unit offers superior aerodynamic efficiency and reduced acoustic signatures compared to conventional designs. The construction features a die-cast aluminum housing that ensures high structural rigidity and effective heat dissipation, minimizing thermal impedance during continuous operation. Engineered with precision ball bearings, the W2130-AA03-71 delivers reliable performance and extended service life, making it an optimal solution for critical cooling applications where durability is paramount.

Model Number: W2130-AA03-71
Brand: ebm-papst
Product Type: AC Axial Fan
Rated Voltage: 230 VAC
Frequency: 50 / 60 Hz
Voltage Range: 207 - 253 VAC
Rated Current: 0.30 A
Power Consumption: 45 W
Rated Speed: 2800 RPM
Bearing Type: Ball Bearing

Max. Air Flow: 225.0 CFM (380 m^3/h / 6.33 m^3/min)
Max. Static Pressure: 15.2 mmH_2O (150 Pa / 0.60 inH_2O)
Dimensions: 130 mm (Blade Diameter)
Housing Material: Die-Cast Aluminum
Blade Material: Sheet Steel, Black Coated
Weight: 1.1 kg
Life Expectancy: 40,000 Hours (at 40°C)
Motor Protection: Thermal Overload Protector (TOP)
Ingress Protection: IP54
Insulation Class: Class B
Noise Level: 55 dB(A)
Operating Temperature: -25°C to +70°C
Storage Temperature: -40°C to +80°C
Termination: Lead Wires
Mounting Orientation: Any
Certifications: CE, UL, CSA, VDE
Direction of Rotation: Counter-clockwise (seen on rotor)

The W2130-AA03-71 is extensively utilized in industrial automation and power electronics sectors, specifically for cooling control cabinets and server racks. Its robust design makes it suitable for ventilation in welding machines, variable frequency drives, and photovoltaic inverters where heat density is high. The W2130-AA03-71 ensures operational stability in telecommunications infrastructure and medical devices, providing reliable airflow to prevent component overheating in continuous duty cycles.

Supplemental Images


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ebmpapst
W2S130-AA03-71
230V~ 50/60Hz 0.31/0.25A 45/39W 2800/2650min-1
Made by ebm-papst
Thermally protected
230V~ 50/60Hz 45/39W 2800/2250min-1