4114N/39H7P-021 ebm-papst 24VDC 119x119x38mm 90W Axial Fan Datasheet

Brand: ebmpapst

SKU: 893265253249

Category: Axial & Centrifugal Fans

Price: **$60.99**

E-mail: sales@equipspares.com

Web: https://www.equipspares.com

Product Page:
https://www.equipspares.com/product/4114n-39h7p-021-ebm-papst-24vdc-119x119x38mm-90w-axial-fan

Product Description

The ebm-papst 4114N/39H7P-021 is a high-performance Axial Fan engineered for demanding industrial thermal management applications requiring exceptional air movement capabilities. This unit features a robust DC motor architecture paired with precision ball bearings to ensure operational longevity and structural rigidity under high-stress conditions. With a substantial power rating of 90W, it delivers superior airflow capabilities, effectively overcoming significant system thermal impedance in densely packed electronic enclosures. The aerodynamic design of the impeller minimizes turbulence while maximizing static pressure, making it an ideal solution for critical cooling requirements where reliability and power density are paramount.

Model Number: 4114N/39H7P-021
Brand: ebm-papst
Product Type: Axial Fan
Rated Voltage: 24VDC
Voltage Range: 16.0 - 30.0 VDC
Rated Current: 3.8 A
Power: 90 W
Dimensions: 119 x 119 x 38 mm
Bearing Type: Ball Bearing
Housing Material: Metal / Composite

Impeller Material: Fiberglass-reinforced PA plastic
Termination: Lead Wires
Origin: Hungary
Mounting Orientation: Any
Operating Temperature: -20 to +65 °C
Ingress Protection: IP20 (Standard)

The 4114N/39H7P-021 is specifically designed for high-density electronic environments such as telecommunications base stations and enterprise server racks where rapid heat dissipation is critical. Its high-power profile allows the 4114N/39H7P-021 to effectively cool power supply units, industrial automation control panels, and medical imaging equipment. This fan is also frequently utilized in CNC machinery and heavy-duty ventilation systems requiring sustained high-static pressure performance to maintain optimal operating temperatures.

Supplemental Images