4114N/2HHP-365 ebm-papst 24VDC 119x119x38mm Axial Fan Datasheet

Brand: ebmpapst

SKU: 723978028792

Category: Axial & Centrifugal Fans

Price: **$94.99**

E-mail: sales@equipspares.com

Web: https://www.equipspares.com

Product Page:
https://www.equipspares.com/product/4114n-2hhp-365-ebm-papst-24vdc-119x119x38mm-axial-fan

Product Description

The ebm-papst 4114N/2HHP-365 is a high-performance DC Axial Fan engineered for critical thermal management in industrial and IT infrastructure. Designed with a robust die-cast aluminum housing and a fiberglass-reinforced PA plastic impeller, this unit offers exceptional structural rigidity and vibration damping. The advanced DC motor technology utilizes precision ball bearings to ensure low thermal impedance and extended operational longevity under continuous load. Its aerodynamic blade geometry is optimized to deliver high airflow while maintaining efficiency, making the 4114N/2HHP-365 a reliable solution for systems requiring significant static pressure capabilities.

Model Number: 4114N/2HHP-365
Brand: ebm-papst
Product Type: DC Axial Fan
Rated Voltage: 24 VDC
Voltage Range: 16.0 - 30.0 VDC
Rated Current: 0.50 A
Power Input: 13.0 W
Rated Speed: 6000 RPM
Max. Air Flow: 176.5 CFM (300 m^3/h)
Max. Static Pressure: 1.08 inH_2O (270 Pa)
Dimensions: 119 x 119 x 38 mm

Weight: 0.39 kg (0.86 lbs)
Bearing Type: Ball Bearing
Noise Level: 60 dB(A)
Life Expectancy: 70,000 hours (40°C)
Operating Temperature: -20°C to +70°C
Housing Material: Die-cast Aluminum
Impeller Material: PA Plastic (UL 94 V-0)
Ingress Protection: IP20
Termination: Lead Wires
Direction of Rotation: Clockwise (viewed toward rotor)
Airflow Direction: Intake over struts
Motor Protection: Reverse Polarity, Locked Rotor Protection
Approvals: UL, CSA, VDE, CE

The 4114N/2HHP-365 is widely implemented in high-density server environments and telecommunications infrastructure where reliable heat dissipation is paramount. Its high static pressure capabilities make it particularly suitable for cooling power inverters, medical imaging devices, and industrial control cabinets with high component density. By integrating the 4114N/2HHP-365 into forced-air cooling systems, engineers can ensure the thermal stability of sensitive electronics in demanding operational conditions.

Supplemental Images