7114N ebm-papst 24VDC 150x172x38mm Metal Axial Fan Datasheet

Brand: ebmpapst

SKU: 719608712961

Category: Axial & Centrifugal Fans

Price: **$209.99**

E-mail: sales@equipspares.com

Web: https://www.equipspares.com

Product Page:
https://www.equipspares.com/product/7114n-ebm-papst-24vdc-150x172x38mm-metal-axial-fan

Product Description

The ebm-papst 7114N is a robust DC Axial Fan engineered for demanding industrial thermal management. Featuring a full metal construction, this unit offers superior structural rigidity and resistance to high-temperature environments. The aerodynamic design of the metal impeller optimizes airflow while maintaining a stable thermal impedance profile. Utilizing precision ball bearing architecture, the motor ensures consistent operation and longevity under continuous load conditions, making it suitable for high-stress applications requiring reliable heat dissipation.

Model Number: 7114N
Brand: ebm-papst
Product Type: DC Axial Fan
Rated Voltage: 24 VDC
Voltage Range: 12.0 - 30.0 VDC
Rated Current: 0.50 A
Power Input: 12.0 W
Rated Speed: 2850 RPM
Bearing Type: Ball Bearing
Max. Air Flow: 211.9 CFM (360 m^3/h)
Max. Static Pressure: 14.5 mmH_2O (142 Pa / 0.57 inH_2O)
Dimensions: 150 x 172 x 38 mm

Weight: 0.90 kg
Noise Level: 55 dBA
Housing Material: Metal (Aluminum Die-Cast)
Impeller Material: Metal (Sheet Steel)
Termination: 2 Lead Wires
Operating Temperature: -25 to +72 °C
Storage Temperature: -40 to +80 °C
Life Expectancy: 80,000 Hours @ 40°C
Ingress Protection: IP20
Insulation Class: E
Direction of Rotation: Counter-clockwise viewed from rotor
Mounting Orientation: Any

Designed for critical cooling in power electronics, the 7114N is frequently utilized in variable frequency drives and heavy-duty inverters. Its rugged metal chassis makes it ideal for industrial automation cabinets and CNC machinery where durability is paramount. The 7114N ensures reliable heat dissipation in telecommunications infrastructure and server rack assemblies requiring high static pressure capabilities to overcome system resistance.

Supplemental Images


7114 N
24V ⎓ DC 0,5A 12W
(12 - 30V ⎓ DC 18W)
VP2
EP
ebmpapst
ebm-papst St.Georgen
Hungary (T)
21.20