614JH ebm-papst 24VDC 60x60x32mm 7.7W DC Axial Fan Datasheet

Brand: ebmpapst

SKU: 681038028246

Category: Axial & Centrifugal Fans

Price: **$79.99**

E-mail: sales@equipspares.com

Web: https://www.equipspares.com

Product Page:
https://www.equipspares.com/product/614jh-ebm-papst-24vdc-60x60x32mm-7-7w-dc-axial-fan

Product Description

The ebm-papst 614JH is a DC Axial Fan engineered for high-density thermal management applications requiring substantial airflow in a compact footprint. This unit utilizes an advanced electronically commutated (EC) external rotor motor integrated with a precision ball bearing system to ensure operational stability and reduced thermal impedance under continuous loads. The aerodynamic design of the impeller, constructed from glass-fiber reinforced PBT, optimizes static pressure capabilities while maintaining structural rigidity at high rotational speeds. Designed for industrial reliability, the 614JH delivers exceptional cooling performance with a robust power profile, making it suitable for critical electronic cooling environments.

Model Number: 614JH
Brand: ebm-papst
Product Type: DC Axial Fan
Rated Voltage: 24 VDC
Voltage Range: 12.0 - 31.5 VDC
Rated Current: 0.32 A
Power Consumption: 7.7 W
Rated Speed: 11700 RPM
Max. Air Flow: 41.2 CFM (70 m^3/h / 1.17 m^3/min)
Max. Static Pressure: 1.12 inH_2O (280 Pa / 28.5 mmH_2O)

Dimensions: 60x60x32 mm
Weight: 0.100 kg
Bearing Type: Ball Bearing
Noise Level: 53 dB(A)
Life Expectancy: 70,000 hrs at 40°C
Operating Temperature: -20°C to 70°C
Housing Material: Glass-fiber reinforced PBT (UL94V-0)
Impeller Material: Glass-fiber reinforced PBT (UL94V-0)
Termination: 2 Wire Leads (AWG 22, TR 64)
Direction of Rotation: Clockwise viewed toward rotor
Ingress Protection: IP20
Safety Approvals: VDE, CSA, UL, CE

The 614JH is specifically engineered for high-performance cooling in space-constrained industrial environments, such as variable frequency drives (VFDs) and compact server racks. Its high static pressure capabilities make the 614JH ideal for forcing air through dense fin arrays in inverters and telecommunications equipment where maintaining optimal thermal envelopes is critical for component longevity.

Supplemental Images