624H ebm-papst 24VDC 60x60x25mm Cooling Axial Fan Datasheet

Brand: ebmpapst

SKU: 728021574633

Category: Axial & Centrifugal Fans

Price: **$92.99**

E-mail: sales@equipspares.com

Web: https://www.equipspares.com

Product Page:
https://www.equipspares.com/product/624h-ebm-papst-24vdc-60x60x25mm-cooling-axial-fan

Product Description

The ebm-papst 624H is a compact DC Axial Fan engineered for precision thermal management in space-constrained industrial environments. Utilizing ebm-papst's proprietary motor technology, this unit delivers consistent airflow with optimized static pressure capabilities. The chassis is constructed from glass-fiber reinforced PBT, ensuring structural rigidity and resistance to thermal stress. Designed with an advanced Sintec bearing system, the 624H minimizes mechanical friction and acoustic noise while maintaining operational longevity. Its aerodynamic impeller geometry reduces turbulence, enhancing thermal impedance efficiency for sensitive electronic components.

Model Number: 624H
Brand: ebm-papst
Product Type: DC Axial Fan
Rated Voltage: 24 VDC
Voltage Range: 12 - 28 VDC
Rated Current: 0.08 A
Power Consumption: 1.9 W
Rated Speed: 4550 RPM
Bearing Type: Sintec Sleeve Bearing
Max. Air Flow: 24.7 CFM (42 m^3/h)
Max. Static Pressure: 0.20 inH_2O (50 Pa)

Dimensions: 60 x 60 x 25 mm
Weight: 85 g
Noise Level: 28 dB(A)
Housing Material: Glass-fiber reinforced PBT (UL94V-0)
Impeller Material: Glass-fiber reinforced PA (UL94V-0)
Operating Temperature: -20 to +70 °C
Life Expectancy: 85,000 Hours @ 20°C
Termination: 2-Wire Leads (Red/Blue)
Ingress Protection: IP20
Direction of Rotation: Clockwise viewed toward rotor

The 624H is specifically calibrated for high-density electronic cooling applications where reliability is paramount. Frequently integrated into variable frequency drive inverters and industrial automation control panels, this fan ensures optimal operating temperatures for power semiconductors. The 624H also serves effectively in compact server racks, telecommunications equipment, and medical diagnostic devices, providing sustained airflow to prevent thermal throttling in critical hardware.

Supplemental Images