624/39HHP EBM-PAPST 24VDC 60x60x25mm PWM Axial Fan Datasheet

Brand: ebmpapst

SKU: 878006429503

Category: Axial & Centrifugal Fans

Price: **$62.99**

E-mail: sales@equipspares.com

Web: https://www.equipspares.com

Product Page:
https://www.equipspares.com/product/624-39hhp-ebm-papst-24vdc-60x60x25mm-pwm-axial-fan

Product Description

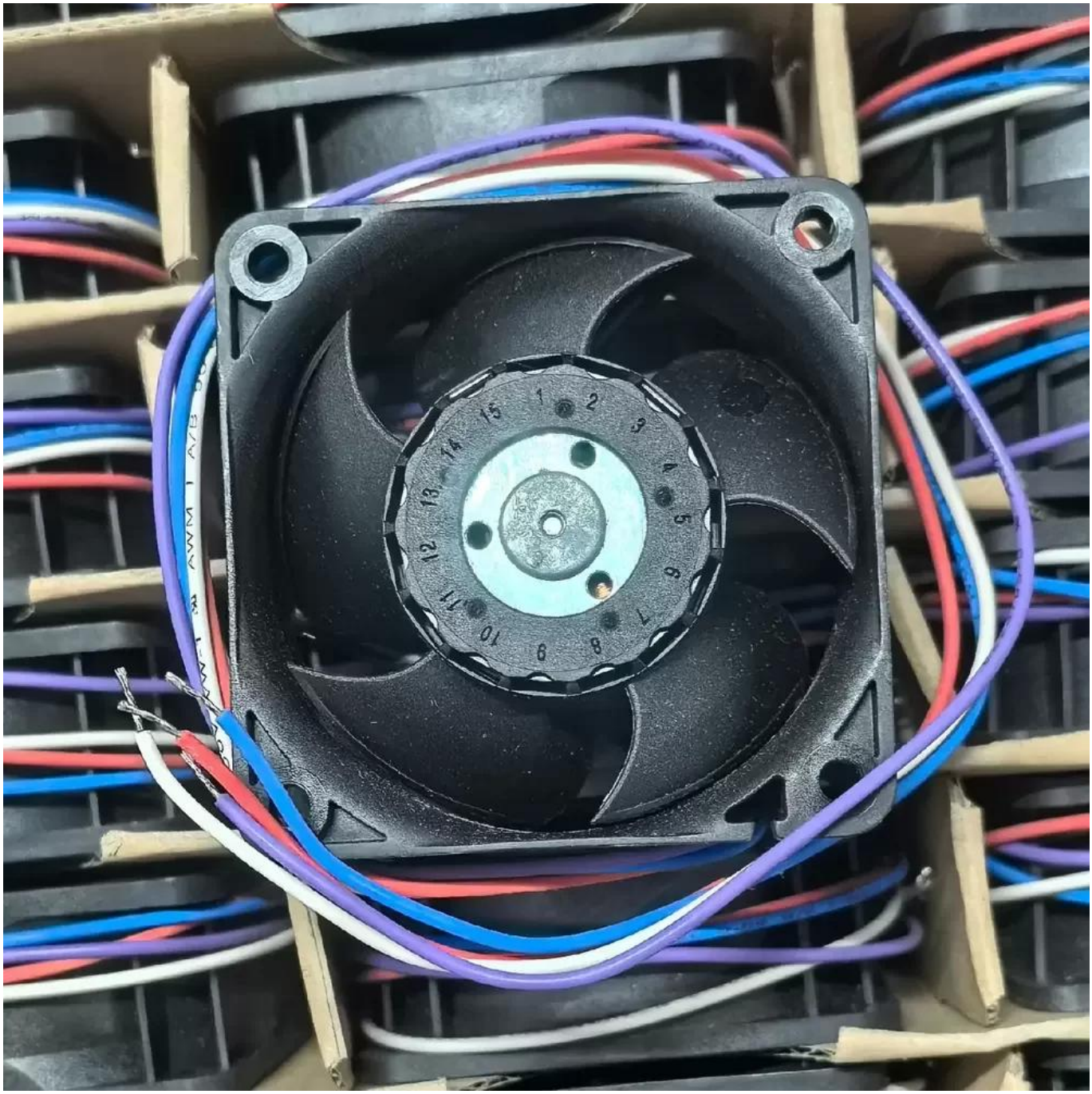
The EBM-PAPST 624/39HHP is a DC Axial Fan engineered for precision thermal management in high-density electronic environments. Utilizing advanced electronically commutated motor technology and a robust ball bearing architecture, this unit ensures minimal thermal impedance and extended operational longevity. The aerodynamic impeller design optimizes static pressure capabilities while maintaining structural rigidity under high-load conditions. Featuring Pulse Width Modulation (PWM) speed control, it allows for dynamic airflow regulation, making it an ideal solution for critical cooling applications requiring consistent performance and reliability.

Model Number: 624/39HHP
Brand: EBM-PAPST
Product Type: DC Axial Fan
Rated Voltage: 24 VDC
Voltage Range: 18.0 - 28.0 VDC
Rated Current: 0.16 A
Power Consumption: 3.7 W
Rated Speed: 8200 RPM
Bearing Type: Ball Bearing
Max. Air Flow: 33.5 CFM (57 m^3/h / 0.95 m^3/min)
Max. Static Pressure: 11.73 mmH_2O (115 Pa / 0.46 inH_2O)

Dimensions: 60x60x25mm
Weight: 0.085 kg
Life Expectancy: 70,000 Hours at 40°C (L10)
Speed Control: PWM (Pulse Width Modulation)
Noise Level: 46 dB(A)
Housing Material: Glass-fiber reinforced PBT plastic (UL94V-0)
Impeller Material: Glass-fiber reinforced PA plastic
Operating Temperature: -20°C to +70°C
Storage Temperature: -40°C to +80°C
Ingress Protection: IP20
Termination: Lead wires (AWG 22, TR 64)
Motor Protection: Reverse Polarity, Locked Rotor Protection
Certifications: CE, CSA, UL, VDE

Designed for demanding industrial environments, the 624/39HHP excels in maintaining optimal operating temperatures for sensitive electronics. This compact cooling solution is frequently deployed in variable frequency drive (VFD) inverters, server rack enclosures, and precision medical instrumentation. The 624/39HHP provides the necessary airflow to dissipate heat effectively in compact spaces, ensuring the longevity and stability of automation control systems and telecommunications equipment where continuous duty cycles are mandatory.

Supplemental Images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