3314GS-375 ebm-papst 24VDC 92x92x32mm 2.2W Axial Fan Datasheet

Brand: ebmpapst

SKU: 911665318842

Category: Axial & Centrifugal Fans

Price: **$34.99**

E-mail: sales@equipspares.com

Web: https://www.equipspares.com

Product Page:
https://www.equipspares.com/product/3314gs-375-ebm-papst-24vdc-92x92x32mm-2-2w-axial-fan

Product Description

The ebm-papst 3314GS-375 is a precision-engineered Axial Fan designed for critical thermal management applications requiring sustained airflow and high static pressure capabilities. Utilizing advanced electronically commutated DC motor technology, this unit optimizes energy efficiency while maintaining a compact thermal impedance profile. The construction features a robust fiberglass-reinforced plastic housing and impeller, ensuring structural rigidity and resistance to environmental stress. Engineered with a durable ball bearing system, the 3314GS-375 delivers reliable operation under continuous duty cycles, making it an ideal solution for industrial systems demanding consistent aerodynamic performance and longevity.

Model Number: 3314GS-375
Brand: ebm-papst
Product Type: DC Axial Fan
Rated Voltage: 24 VDC
Voltage Range: 12.0 - 28.0 VDC
Rated Current: 0.092 A (92 mA)
Power Consumption: 2.2 W
Rated Speed: 2650 RPM
Bearing Type: Ball Bearing System
Max. Air Flow: 47.1 CFM (80 m^3/h)

Max. Static Pressure: 4.0 mmH_2O (39 Pa / 0.16 inH_2O)
Dimensions: 92 x 92 x 32 mm
Weight: 0.19 kg (190 g)
Housing Material: PBT Plastic, Fiberglass Reinforced (UL94V-0)
Impeller Material: PA Plastic, Fiberglass Reinforced (UL94V-0)
Noise Level: 37 dB(A)
Life Expectancy: 70,000 hrs @ 40°C
Operating Temperature: -20°C to +75°C
Storage Temperature: -40°C to +80°C
Termination: 3-Wire Leads (Power + Tachometer/Signal)
Ingress Protection: IP20
Motor Protection: Reverse Polarity, Locked Rotor Protection
Direction of Rotation: Clockwise (viewed toward rotor)
Airflow Direction: Exhaust Over Struts
Origin: Hungary

The 3314GS-375 is frequently deployed in high-density electronic enclosures where space is at a premium but heat dissipation cannot be compromised. Common integration points include telecommunications switching gear, server rack cooling modules, and industrial automation control panels. The 3314GS-375 also serves effectively in medical diagnostic equipment and power supply ventilation, ensuring sensitive components remain within safe operating temperature ranges during prolonged operation.

Supplemental Images