REF100-11/14/2H-215 ebmpapst 24VDC 100mm Centrifugal Fan Datasheet

Brand: ebmpapst

SKU: 921790142685

Category: Axial & Centrifugal Fans

Price: **$342.99**

E-mail: sales@equipspares.com

Web: https://www.equipspares.com

Product Page:
https://www.equipspares.com/product/ref100-11-14-2h-215-ebmpapst-24vdc-100mm-centrifugal-fan

Product Description

The ebmpapst REF100-11/14/2H-215 is a Centrifugal Fan engineered for demanding industrial thermal management. Utilizing an advanced DC motor architecture, this unit minimizes thermal impedance while maximizing structural rigidity through its robust housing design. The aerodynamic impeller is optimized for high static pressure applications, ensuring efficient heat dissipation in restricted environments. Featuring precision ball bearings, the REF100-11/14/2H-215 offers exceptional operational longevity and reliability. Its integrated electronic commutation provides seamless power delivery across the specified voltage range, making it an ideal solution for critical cooling requirements where failure is not an option.

Model Number: REF100-11/14/2H-215
Brand: ebmpapst
Product Type: Centrifugal Fan
Rated Voltage: 24VDC
Voltage Range: 16.0 - 26.4 VDC
Rated Current: 590mA
Power: 14.2W
Rated Speed: 5400 RPM
Bearing Type: Ball Bearing
Max. Air Flow: 50.62 CFM (86.0 m^3/h / 1.43 m^3/min)

Max. Static Pressure: 35.69 mmH_2O (350.0 Pa / 1.41 inH_2O)
Dimensions: 100 x 100 x 25 mm
Weight: 160g
Life Expectancy: 70,000 hours
Noise Level: 58.0 dB(A)
Insulation Class: Class E
Housing Material: UL94V-0 Plastic
Blade Material: UL94V-0 Plastic
Protection: Locked Rotor Protection, Reverse Polarity Protection
Operating Temperature: -20 to +70 C
Certifications: VDE, UL, CSA, CE

The REF100-11/14/2H-215 is extensively utilized in industrial automation and telecommunications infrastructure. Its high static pressure capability makes the REF100-11/14/2H-215 particularly effective for cooling dense server racks, power supply units, and CNC control cabinets. Additionally, it is frequently integrated into medical diagnostic equipment and frequency inverters where consistent airflow is vital for maintaining system integrity.

Supplemental Images


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