RER160-28/12NM-164 ebm-papst 12VDC 176mm 7.5W Centrifugal Fan Datasheet

Brand: ebmpapst

SKU: 1009834594384

Category: Axial & Centrifugal Fans

Price: **$125.99**

E-mail: sales@equipspares.com

Web: https://www.equipspares.com

Product Page:
https://www.equipspares.com/product/rer160-28-12nm-164-ebm-papst-12vdc-176mm-7-5w-centrifugal-fan

Product Description

The ebm-papst RER160-28/12NM-164 is a precision-engineered DC Centrifugal Fan designed for high-efficiency thermal management in compact industrial spaces. Featuring a robust backward-curved impeller and advanced motor technology, this unit optimizes aerodynamic performance while maintaining structural rigidity and low thermal impedance. The integration of a double ball bearing system ensures long-term reliability and reduced mechanical friction, making it ideal for continuous operation in demanding environments. Its specialized design delivers consistent static pressure capabilities relative to its power consumption profile.

Model Number: RER160-28/12NM-164
Brand: ebm-papst
Product Type: DC Centrifugal Fan
Rated Voltage: 12 VDC
Voltage Range: 7 - 14 VDC
Rated Current: 625 mA
Power Consumption: 7.5 W
Bearing Type: Double Ball Bearing
Dimensions: 176 mm (Diameter) x 54 mm (Depth)
Impeller Material: Glass-fiber reinforced plastic (PA)

Housing Material: Glass-fiber reinforced plastic (PBT)
Direction of Rotation: Clockwise (viewed toward rotor)
Mounting: Central mounting via hub
Weight: Approx. 1.0 kg
Operating Temperature: -20 to +70 Degrees Celsius
Condition: Used (Dismantled/OEM)

The RER160-28/12NM-164 is specifically engineered for critical cooling applications in industrial automation and electronics where space and reliability are premium factors. Common deployment scenarios include server rack ventilation, variable frequency drive (VFD) cooling, and thermal regulation in medical diagnostic equipment. The RER160-28/12NM-164 ensures consistent airflow in high-static pressure environments, making it suitable for telecommunications cabinets and CNC machinery control panels where component longevity is paramount.

Supplemental Images


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