GR31C-ZIK.DC.CR ZIEHL-ABEGG 480V 2.5kW Centrifugal Fan Datasheet

Brand: Ziehl-Abegg

SKU: 1038094460612

Category: Axial & Centrifugal Fans

Price: **$1,692.99**

E-mail: sales@equipspares.com

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Product Page:
https://www.equipspares.com/product/gr31c-zik-dc-cr-ziehl-abegg-480v-2-5kw-centrifugal-fan

Product Description

The ZIEHL-ABEGG GR31C-ZIK.DC.CR is a 315 mm centrifugal fan operating at a nominal 380-480 V and 2.5 kW, delivering a primary output of 3000 CFM at a maximum speed of 3640 rpm. Engineered with a high-performance ZAmid composite impeller and coated in RAL5002 ultra marine-blue, the unit integrates an MK116-ZIK.07.UA motor with active temperature management. The hardware features a 3-phase mains supply interface, integrated ECblue electronics, and achieves a total pressure of 2.523 in.wg. while maintaining an IE5 efficiency class and IP55 protection rating.

GR31C-ZIK.DC.CR Specifications
Model Number: GR31C-ZIK.DC.CR
Article Number: 116232 / 116232/A01
Motor Number: MK116-ZIK.07.UA
Brand: ZIEHL-ABEGG
Product Category: Centrifugal Fan / EC Plug Fan
Series: Cpro ECblue
Impeller Diameter: 315 mm
Nominal Voltage: 3~ 380-480 V
Frequency: 50/60 Hz
Power Input: 2.5 kW
Nominal Current: 4.0 - 3.2 A

Maximum Speed: 3640 rpm
Airflow Volume: 3000 CFM
Static Pressure: 2.000 in.wg.
Total Pressure: 2.523 in.wg.
Efficiency Class: IE5
Protection Rating: IP55
Thermal Class: THCL155
Maximum Ambient Temperature: 60 °C
Impeller Material: ZAmid (High Performance Composite)
Coating Color: RAL5002 (Ultra Marine-Blue)
Acoustics (Suction Side): 90 - 94 dB
Acoustics (Pressure Side): 97 - 98 dB
Dimensions (W x H x D): 17.72 x 17.72 x 11.34 in
Product Weight: 37.5 lb
Thermal Protection: Active Temperature Management

GR31C-ZIK.DC.CR Applications

Primary applications include integration into high-capacity frequency inverter cooling systems, CNC spindle thermal management units, and industrial HVAC control panels. Deployed within telecom base station heat exchangers and automated drive cabinet ventilation arrays, this component ensures precise thermal regulation for high-density power electronics.

Supplemental Images