RH28M-2DK.3F.1R Ziehl-Abegg 400V 0.53kW 280mm Centrifugal Fan Datasheet

Brand: Ziehl-Abegg

SKU: 960509072046

Category: Axial & Centrifugal Fans

Price: **$571.99**

E-mail: sales@equipspares.com

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Product Page:
https://www.equipspares.com/product/rh28m-2dk-3f-1r-ziehl-abegg-400v-0-53kw-280mm-centrifugal-fan

Product Description

Ziehl-Abegg RH28M-2DK.3F.1R is a 280 mm diameter centrifugal fan featuring a 3~ 400 V nominal voltage and 0.53 kW power input. The unit is constructed with an unpainted aluminium backward-curved impeller and an integrated AC motorized rotor. It operates at a nominal speed of 2750 rpm, generating a maximum airflow of 2600 m³/h and static pressure up to 780 Pa. The assembly includes a 105 cm lateral supply cable, ball bearings with long-time lubrication, and thermal contact motor protection.

RH28M-2DK.3F.1R Specifications
Model: RH28M-2DK.3F.1R
Brand: Ziehl-Abegg
Category: Centrifugal Fan
Impeller Diameter: 280 mm
Nominal Voltage: 3~ 230/400 V
Frequency: 50/60 Hz
Power Input (P1): 0.53 kW (50 Hz) / 0.86 kW (60 Hz)
Current: 0.95 A (50 Hz) / 1.25 A (60 Hz)
Speed: 2750 rpm (50 Hz) / 3220 rpm (60 Hz)
Max Air Flow: 2600 m³/h
Max Static Pressure: 780 Pa

Operating Temperature: -40 to +70 °C (50 Hz) / -40 to +50 °C (60 Hz)
Protection Class: IP 10
Thermal Class: 155
Impeller Material: Aluminium (unpainted)
Rotor Material: Aluminium
Bearing Type: Ball bearing with long-time lubrication
Balancing Quality: G 6.3
Motor Protection: Thermal contact
Electrical Connection: Lateral supply cable (105 cm)
Weight: 7.0 kg
Certifications: UL/CSA (MK092-2DK.10.U)

RH28M-2DK.3F.1R Applications

Primary applications include integration into railway climate control systems, industrial drying plants, and high-capacity inverter cooling modules. Deployed within HVAC air handling units and telecommunications thermal management systems requiring high static pressure and robust mechanical performance in extreme temperature ranges.

Supplemental Images


ZIEHL-ABEGG
Made in Germany
Einphasen - Wechselstrommotor mit Betriebskondensator und Thermokontakt.
Single phase A.C. motor with capacitor and thermostat.
Moteur monophasé avec condensateur permanent et thermocontact.
Rechtslauf
Clockwise
rotation à droite.
PE
L1
N