**Centrifugal blower GRK R 31/4 D**

Features

Centrifugal blower made of plastic.

Powerful fans for industrial applications.

Suitable for conveying corrosive and acidic media.

For simple and direct mounting on a duct system.

Low noise level and high efficiency.

The motor is outside the air flow.

The motor base made of epoxy-coated sheet steel, for mounting the fan, is included in the scope of delivery.

Housing made of plastic.

Standard orientation for LG 270° housing.

Suitable for temperature ranges from -15 °C to +70 °C.

Centrifugal impellers with backward curved blades made of polypropylene.

Three-phase AC motor

Asynchronous three-phase AC motors.

Protection class IP55.

S1 operating mode (continuous operation).

Speed controllable with frequency converter.

Permissible frequency range for speed control with frequency converter 20-50 Hz.

The temperature in the fan motor is monitored by PTC thermistors. The PTC thermistors must be connected to a release system, that permanently disconnects the fan from the power supply if the temperature is too high.

Electrical connection

Connection in the terminal box on the motor.

Special versions

The following special versions are available on request, at an extra cost:

Version for explosion-proof areas.

Technical data

|  |  |
| --- | --- |
| Article: | GRK R 31/4 D |
| Air flow volume: | 2.250 m³/h |
| Rotating speed: | 1.440 1/min |
| Impeller type: | radial |
| Speed controllable: |  ✔  |
| Reversing capacity: |  -  |
| Type of voltage: | Three-phase AC |
| Rated voltage: | 400 V |
| Frequency: | 50 Hz |
| Nominal output: | 250 W |
| Inom: | 0,85 A |
| Degree of protection: | IP 55 |
| Insulation class: | F |
| Pole-changeable: |  -  |
| Installation site: | Duct connection |
| Installation position: | Horizontal |
| Housing material: | Plastic, polyethylene |
| Impeller material: | Plastic, polyethylene |
| Colour: | Light grey |
| Weight: | 45 kg |
| Weight including packaging: | 68 kg |
| Width: | 527 mm |
| Height: | 640 mm |
| Depth: | 560 mm |
| Width with packaging: | 1.200 mm |
| Height with packaging: | 800 mm |
| Depth with packaging: | 790 mm |
| Airstream temperature at IMax: | -15 °C up to 70 °C |
| PTC DIN 44082: | M 100 |
| Packing unit: | 1 piece |
| Range: | C |
| GTIN (EAN): | 4012799735199 |
| Article number: | 0073.0519 |

Manufacturer: MAICO

GRK R 31/4 D Centrifugal blower