**Centrifugal blower GRM HT 16/2**

Features

Centrifugal blower with metal housing for high temperatures.

Powerful fans for industrial applications.

For simple and direct mounting on a duct system.

The motor is outside the air flow.

Sheet steel housing.

Housing protected against weathering by epoxy coating.

Standard orientation for LG 270° housing.

The housing can be ordered in 45° increments if required.

Suitable for temperature ranges up to + 150 °C.

The intake flange, made of coated sheet steel, is included in the scope of delivery.

Centrifugal impellers with forward curved blades made of galvanised sheet steel.

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.

Safety instruction

Connection to terminal block in the housing.

Technical data

|  |  |
| --- | --- |
| Article: | GRM HT 16/2 |
| Air flow volume: | 2.318 m³/h |
| Rotating speed: | 2.880 1/min |
| Impeller type: | radial |
| Speed controllable: |  ✔  |
| Reversing capacity: |  -  |
| Type of voltage: | Three-phase AC |
| Rated voltage: | 400 V |
| Frequency: | 50 Hz |
| Nominal output: | 750 W |
| Inom: | 1,9 A |
| Imax: | 1,61 A |
| Degree of protection: | IP 55 |
| Insulation class: | F |
| Pole-changeable: |  -  |
| Installation site: | Duct connection |
| Installation position: | Horizontal |
| Housing material: | Steel, coated |
| Impeller material: | Sheet steel, galvanised |
| Colour: | Silver |
| Weight: | 17 kg |
| Weight including packaging: | 18 kg |
| Width: | 460 mm |
| Height: | 355 mm |
| Depth: | 318 mm |
| Width with packaging: | 520 mm |
| Height with packaging: | 480 mm |
| Depth with packaging: | 440 mm |
| Airstream temperature at IMax: | 150 °C |
| PTC DIN 44082: | M 100 |
| Packing unit: | 1 piece |
| Range: | C |
| GTIN (EAN): | 4012799732822 |
| Article number: | 0073.0282 |

Manufacturer: MAICO

GRM HT 16/2 Centrifugal blower