**Centrifugal roof fan DRD V 90/6**

Features

Centrifugal roof fan for direct or ducted air extraction of commercial and industrial buildings.

Vertical air outlet.

Low noise level.

Housing made of galvanised sheet steel.

Plastic weather protection hood.

Motor outside of the air flow.

Suitable for temperature ranges from -20 °C to + 80 °C.

Sturdy eyebolts enable transport by crane.

Motor

Three-phase AC motor.

Degree of protection 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:

Versions with an operating frequency for 60 Hz.

Technical data

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| Article: | DRD V 90/6 |
| Air flow volume: | 29.986 m³/h |
| Rotating speed: | 970 1/min |
| Impeller type: | radial |
| Speed controllable: | ✔ |
| Reversing capacity: | - |
| Type of voltage: | Three-phase AC |
| Rated voltage: | 400 V |
| Frequency: | 50 Hz |
| Nominal output: | 5.500 W |
| Inom: | 11,4 A |
| Degree of protection: | IP 55 |
| Insulation class: | F |
| Pole-changeable: | - |
| Installation site: | Roof |
| Installation position: | vertical |
| Housing material: | Sheet steel, galvanised |
| Impeller material: | Sheet steel, galvanised |
| Colour: | grey |
| Weight: | 258 kg |
| Weight including packaging: | 268 kg |
| Nominal size: | 900 mm |
| Width: | 1.600 mm |
| Height: | 1.180 mm |
| Depth: | 1.600 mm |
| Width with packaging: | 1.700 mm |
| Height with packaging: | 1.985 mm |
| Depth with packaging: | 1.700 mm |
| Airstream temperature at IMax: | -20 °C up to 80 °C |
| PTC DIN 44082: | M 100 |
| Packing unit: | 1 piece |
| Range: | C |
| GTIN (EAN): | 4012799730736 |
| Article number: | 0073.0073 |

Manufacturer: MAICO

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