**Centrifugal roof fan DRD H 80/6**

Features

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

Horizontal 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.

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

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.

Safety instructions

The fan may only be operated only if the protection against accidental contact with the impeller is guaranteed in accordance with DIN EN ISO 13857.

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 H 80/6 |
| Air flow volume: | 22.664 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: | 3.000 W |
| Inom: | 7 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: | 220 kg |
| Weight including packaging: | 230 kg |
| Nominal size: | 800 mm |
| Width: | 1.100 mm |
| Height: | 1.150 mm |
| Depth: | 1.100 mm |
| Width with packaging: | 1.440 mm |
| Height with packaging: | 1.440 mm |
| Depth with packaging: | 1.385 mm |
| Airstream temperature at IMax: | -20 °C up to 80 °C |
| PTC DIN 44082: | M 100 |
| Packing unit: | 1 piece |
| Range: | C |
| GTIN (EAN): | 4012799730606 |
| Article number: | 0073.0060 |

Manufacturer: MAICO

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