**Centrifugal roof fan DRD HT 80/8 2V**

Features

High temperature centrifugal roof fan for direct or ducted air extraction of commercial and industrial buildings.

Horizontal air outlet.

High efficiency.

Low noise level.

Housing made of galvanised sheet steel.

Aluminium weather protection hood with openings for engine cooling.

Simple installation.

The motor is outside the air flow.

Suitable for the high temperature from +65 °C to +200 °C

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

Centrifugal impellers are statically and dynamically balanced.

Motor

Asynchronous three-phase AC motors.

IP 55 degree of protection.

Two-level, three-phase AC, Y/Δ circuit.

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 for standard temperature ranges of 100 °C.

Technical data

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| Article: | DRD HT 80/8 2V |
| Air flow volume: | 15.000 m³/h / 20.000 m³/h |
| Rotating speed: | 720 1/min / 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: | 2.600 W / 3.700 W |
| Inom: | 8,43 A / 9,32 A |
| Degree of protection: | IP 55 |
| Insulation class: | F |
| Pole-changeable: | ✔ |
| Installation site: | Roof |
| Installation position: | vertical |
| Housing material: | Aluminium/galvanised sheet steel |
| Impeller material: | Sheet steel, galvanised |
| Colour: | Silver |
| Weight: | 145 kg |
| Weight including packaging: | 157 kg |
| Nominal size: | 800 mm |
| Width: | 815 mm |
| Height: | 950 mm |
| Depth: | 1.100 mm |
| Width with packaging: | 1.150 mm |
| Height with packaging: | 1.100 mm |
| Depth with packaging: | 1.150 mm |
| Airstream temperature at IMax: | 65 °C up to 150 °C |
| PTC DIN 44082: | M 100 |
| Packing unit: | 1 piece |
| Range: | C |
| GTIN (EAN): | 4012799730279 |
| Article number: | 0073.0027 |

Manufacturer: MAICO

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