**Axial roof fan DAD 63/4**

Features

Axial roof fan for commercial and industrial buildings as well as large-volume rooms and systems.

Suitable for extracting large volumes of air.

High efficiency.

Low noise level.

Simple installation.

Connection to ducts possible.

Protection class IP 55.

Suitable for temperature ranges from - 15 °C to + 50 °C.

Housing made of epoxy-coated sheet steel.

Axial impeller made of glass fibre-reinforcing polyamide.

Motor

Asynchronous three-phase AC motors.

Protection class IP 55.

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

Connection to terminal block in the housing.

Special versions

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

Versions with aluminium weather protection hood (max. up to nominal width 800).

Versions with aluminium impellers.

Versions with double polarity.

Technical data

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| Article: | DAD 63/4 |
| Air flow volume: | 13.274 m³/h |
| Air volumenom: | 8.294 m³/h in opt. efficiency |
| Pressure pfs, nom: | 176 Pa in opt. efficiency |
| Rotating speed nnom: | 1.440 1/min in opt. efficiency |
| Rotating speed: | 1.440 1/min |
| Impeller type: | axial |
| Speed controllable: | ✔ |
| Reversing capacity: | - |
| Type of voltage: | Three-phase AC |
| Rated voltage: | 400 V |
| Frequency: | 50 Hz |
| Nominal output: | 1.100 W |
| Inom: | 2,5 A |
| Degree of protection: | IP 55 |
| Insulation class: | F |
| Pole-changeable: | - |
| Installation site: | Roof |
| Installation position: | Vertical |
| Housing material: | Sheet steel, galvanised |
| Impeller material: | Polyamide |
| Colour: | grey |
| Weight: | 59 kg |
| Weight including packaging: | 65 kg |
| Nominal size: | 630 mm |
| Width: | 1.100 mm |
| Height: | 565 mm |
| Depth: | 1.100 mm |
| Width with packaging: | 1.200 mm |
| Height with packaging: | 800 mm |
| Depth with packaging: | 1.200 mm |
| Airstream temperature at IMax: | -15 °C up to 50 °C |
| PTC DIN 44082: | M 100 |
| Packing unit: | 1 piece |
| Range: | C |
| GTIN (EAN): | 4012799730743 |
| Article number: | 0073.0074 |

Manufacturer: MAICO

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