**Centrifugal roof fan DRD 18 EC**

Features

Low energy consumption thanks to EC technology.

Attractive aluminium housing.

Easily detachable cover.

Galvanised protective grille on the discharge side with protection against accidental contact.

Sturdy eyebolts enable transport by crane.

Impeller with plastic blades curved to the rear, dynamically balanced at two levels, in accordance with performance level 6.3, DIN ISO 1940.

Motor

DC motor.

Rated voltage 230 V, 50 Hz.

Thermal overload protection as a standard feature.

Speed output.

0 - 10 V DC control input

Soft start.

IP X4 degree of protection with closed housing cover.

Electrical connection

In terminal box, easily accessible once housing cover has been removed.

Security instructions

The fan can be operated only if the protection against accidental contact with the impeller is guaranteed for fans with a free inlet.

Technical data

|  |  |
| --- | --- |
| Article: | DRD 18 EC |
| Air flow volume: | 950 m³/h |
| Rotating speed: | 1.990 1/min |
| Impeller type: | radial |
| Speed controllable: |  ✔  |
| Reversing capacity: |  -  |
| Type of voltage: | Alternating current |
| Rated voltage: | 230 V |
| Frequency: | 50 Hz |
| Nominal output: | 85 W |
| Imax: | 0,69 A |
| Degree of protection: | IP 54 |
| Installation site: | Roof |
| Installation position: | vertical |
| Material: | Aluminium |
| Weight: | 7,1 kg |
| Weight including packaging: | 9,94 kg |
| Nominal size: | 180 mm |
| Width: | 480 mm |
| Height: | 270 mm |
| Depth: | 480 mm |
| Width with packaging: | 615 mm |
| Height with packaging: | 370 mm |
| Depth with packaging: | 615 mm |
| Airstream temperature at IMax: | -25 °C up to 60 °C |
| Packing unit: | 1 piece |
| Range: | E |
| GTIN (EAN): | 4012799871705 |
| Article number: | 0087.0170 |

Manufacturer: MAICO

DRD 18 EC Centrifugal roof fan