**Centrifugal duct fan ERR 31/1**

Special features

Efficient centrifugal duct fan made of powder-coated sheet steel.

Suitable for industrial and residential installations.

Centrifugal impeller with backwards curved blades.

Quiet and powerful.

Reduced space requirement due to compact dimensions.

For direct installation between ducts, for ventilation or air extraction, depending on the installation position.

Round connection sockets on inlet and outlet side adapted to standard ducts.

Mounting foot available as accessory.

Air flow direction

Airstream and rotational directions are indicated by arrows marked on the fan housing

Motor

External rotor capacitor motor.

Operating capacitor in the terminal box is ready to be connected.

Speed controllable.

Thermal overload protection (temperature sensor in motor winding) as a standard feature.

The overload protection automatically switches the fan off in the event of overheating.

Robust motor with ball bearings, maintenance-free.

IP X4 degree of protection when installed in ventilation ducts with at least 1 m of duct on the inlet and outlet sides.

Installation information

Can be fitted in any position.

Use optional ELR flexible cuffs to prevent transfer of vibrations to the duct system.

Electrical connection

Externally fitted terminal box with cable guide bushes.

Safety information

The fan may be operated only if the protection against accidental contact with the impeller is guaranteed to be in accordance with DIN EN ISO 13857 for fans with free inlet or outlet. To do this, fit an optional SGR protective grille.

Technical data

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| Article: | ERR 31/1 |
| Air flow volume: | 1.370 m³/h |
| Rotating speed: | 2.760 1/min |
| Impeller type: | radial |
| Speed controllable: | ✔ |
| Reversing capacity: | - |
| Type of voltage: | Alternating current |
| Rated voltage: | 230 / 220 V |
| Frequency: | 50 Hz/60 Hz |
| Nominal output: | 258 W |
| Imax: | 1,14 A |
| Degree of protection: | IP X4 |
| Insulation class: | F |
| Pole-changeable: | - |
| Installation position: | vertical / horizontal |
| Material: | Sheet steel, powder coated |
| Housing material: | Sheet steel, powder coated |
| Colour: | Light grey |
| Weight: | 6,46 kg |
| Weight including packaging: | 7,62 kg |
| Nominal size: | 315 mm |
| Width: | 450 mm |
| Height: | 487 mm |
| Depth: | 295 mm |
| Width with packaging: | 470 mm |
| Height with packaging: | 470 mm |
| Depth with packaging: | 360 mm |
| Airstream temperature at nominal current: | -25 °C up to 60 °C |
| Airstream temperature at IMax: | -20 °C up to 60 °C at 60 Hz temperature -20°C to 25°C |
| Packing unit: | 1 piece |
| Range: | C |
| GTIN (EAN): | 4012799802785 |
| Article number: | 0080.0278 |

Manufacturer: MAICO

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