**Centrifugal duct fan ERR 16/1 N**

Features

Centrifugal impeller with backwards curved blades.

Inlet and outlet side connection couplings for direct installation in ventilation ducts.

Mounting foot available as accessory.

Air flow direction

Airstream and rotational direction are marked by arrows on the terminal box.

Motor

External rotor-capacitor motor.

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

Speed controllable.

Thermal overload protection as a standard feature.

Robust motor with ball bearings, maintenance-free.

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

Mounting instructions

Can be fitted in any position.

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

Electrical connection

Externally fitted terminal box with cable entry grommet.

Safety instructions

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 a SGR protective grille.

Technical data

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| Article: | ERR 16/1 N |
| Air flow volume: | 416 m³/h |
| Rotating speed: | 1.525 1/min |
| Speed controllable: | ✔ |
| Reversing capacity: | - |
| Rated voltage: | 230 V |
| Frequency: | 50 Hz/60 Hz |
| Nominal output: | 56 W |
| Imax: | 0,55 A |
| Degree of protection: | IP X4 |
| Insulation class: | F |
| Installation position: | vertical / horizontal |
| Housing material: | Sheet steel |
| Colour: | powder-coated, similar to RAL 7001 |
| Weight: | 4,5 kg |
| Weight including packaging: | 5,535 kg |
| Nominal size: | 160 mm |
| Width with packaging: | 385 mm |
| Height with packaging: | 300 mm |
| Depth with packaging: | 385 mm |
| Airstream temperature at IMax: | -20 °C up to 60 °C |
| Packing unit: | 1 piece |
| Range: | E |
| GTIN (EAN): | 4012799808671 |
| Article number: | 0080.0867 |

Manufacturer: MAICO

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