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

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

|  |  |
| --- | --- |
| Article: | ERR 16/1 S |
| Air flow volume: | 720 m³/h |
| Rotating speed: | 2.625 1/min |
| Impeller type: | radial |
| Speed controllable: | ✔ |
| Reversing capacity: | - |
| SEC average: | -9 kWh/(m²\*a) |
| Energy efficiency class: | F |
| Type of voltage: | Alternating current |
| Rated voltage: | 230 / 220 V |
| Frequency: | 50 Hz/60 Hz |
| Nominal output: | 112 W |
| Imax: | 0,5 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: | 4,31 kg |
| Weight including packaging: | 5,16 kg |
| Nominal size: | 160 mm |
| Width: | 250 mm |
| Height: | 237 mm |
| Depth: | 210 mm |
| Width with packaging: | 390 mm |
| Height with packaging: | 390 mm |
| Depth with packaging: | 300 mm |
| Airstream temperature at nominal current: | -20 °C up to 60 °C |
| Airstream temperature at IMax: | -20 °C up to 60 °C |
| Packing unit: | 1 piece |
| Range: | C |
| GTIN (EAN): | 4012799802747 |
| Article number: | 0080.0274 |

Manufacturer: MAICO

ERR 16/1 S Centrifugal duct fan