**Diagonal fan HDR 10 EC**

Special features

Highly efficient duct fan, made of high-quality plastic (PP).

Suitable for industrial and residential installations.

With integrated mounting bracket for quick and easy fan mounting.

Powerful diagonal impeller with downstream stator for high output.

Modular design with optimised flow technology and acoustics results in very quiet operation.

Reduced space requirement due to compact dimensions.

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

Connection sockets on the outlet and inlet sides correspond to the prevailing standard duct diameters.

Quick and easy inspection and maintenance of the fan by opening the clamps.

IP 44 degree of protection.

EC motor

Highly efficient EC internal rotor motor.

HDR 10 EC to HDR 16 EC: three-stage.

HDR 20 EC and HDR 25 EC: infinitely variable speed control.

Thermal overload protection as a standard feature.

Robust motor with humidity protection and ball bearing, maintenance-free.

Thermal class 130 (B).

Mounting instructions

Can be fitted in any position.

Electrical connection

Externally fitted terminal box with cable entry grommet.

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 free outlet. To do this, fit an optional SGR protective grille.

Technical data

|  |  |
| --- | --- |
| Article: | HDR 10 EC |
| Air flow volume: | 326 m³/h |
| Rotating speed: | 2.430 1/min |
| Impeller type: | diagonal |
| Speed controllable: | ✔ |
| Reversing capacity: | - |
| Type of voltage: | Alternating current |
| Rated voltage: | 230 V |
| Frequency: | 50 Hz/60 Hz |
| Nominal output: | 18 W in opt. efficiency |
| Inom: | 0,15 A in opt. efficiency |
| Imax: | 0,21 A |
| Degree of protection: | IP 44 |
| Insulation class: | B |
| Installation position: | vertical / horizontal |
| Material: | PP plastic |
| Housing material: | Polypropylene |
| Colour: | grey |
| Weight: | 1,92 kg |
| Weight including packaging: | 2,45 kg |
| Nominal size: | 100 mm |
| Width: | 235 mm |
| Height: | 244,5 mm |
| Depth: | 295 mm |
| Width with packaging: | 255 mm |
| Height with packaging: | 245 mm |
| Depth with packaging: | 310 mm |
| Airstream temperature at IMax: | 50 °C |
| Packing unit: | 1 piece |
| Range: | E |
| GTIN (EAN): | 4012799805403 |
| Article number: | 0080.0540 |

Manufacturer: MAICO

HDR 10 EC Diagonal fan