**Axial wall fan DZQ 100/12**

Features

For air extraction.

9-blade impellers made of plastic. Dynamically balanced at two levels, in accordance with performance level 6.3, DIN ISO 1940.

Protective grille on the intake side, yellow chromated, protection against accidental contact in accordance with DIN EN 294.

Air flow direction

For air extraction (clockwise rotation) only. Ventilation (anticlockwise operation) on request. See diagram.

Motor

Asynchronous motor.

For operation with frequency converter, see General Technical Information.

Not suitable for ventilating steam-saturated air.

Thermal overload protection as standard feature.

Potential-free terminal connections, which must be connected to an MV 25 protective motor switch or the control circuit of a contactor.

Electrical connection

To terminal block under the motor cover.

Safety instructions

The fan can be operated only if the protection against accidental contact with the impeller is guaranteed to be in accordance with DIN EN 294 for fans with a free inlet.

Special versions

The following special versions are available at extra cost on request:

Special voltages and frequencies.

Condensation drainage holes.

Fans with enhanced anti-corrosion protection.

Feasibility must be checked in each case.

Technical data

|  |  |
| --- | --- |
| Article: | DZQ 100/12 |
| Model: | Square wall plate |
| Air flow volume: | 22.000 m³/h |
| Rotating speed: | 465 1/min |
| Speed controllable: | ✔ |
| Type of voltage: | Three-phase AC |
| Rated voltage: | 400 V |
| Nominal output: | 650 W |
| Inom: | 1,8 A |
| Imax: | 1,95 A |
| Degree of protection: | IP 54 |
| Insulation class: | F |
| Mains cable: | 5 x 1,5 mm² |
| Installation position: | horizontal |
| Material: | Sheet steel, galvanised |
| Weight: | 76 |
| Nominal size: | 1.000 mm |
| Airstream temperature at nominal current: | 80 °C |
| Packing unit: | 1 piece |
| Range: | C |
| GTIN (EAN): | 4012799836469 |
| Article number: | 0083.0646 |

Manufacturer: MAICO

DZQ 100/12 Axial wall fan