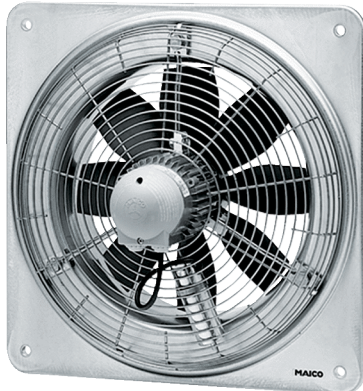


# EZQ 25/2 B



## Short description

Axial wall fan with square wall plate, DN 250, single-phase AC

## Application examples

Production facility, Commercial premises, Garage, Building container, Storage facility

Article number 0083.0104

## Technical data

|                                 |                                              |
|---------------------------------|----------------------------------------------|
| Model                           | Square wall plate                            |
| Air flow volume                 | 2.100 m <sup>3</sup> /h                      |
| Air volume <sub>nom</sub>       | 1.470 m <sup>3</sup> /h (in opt. efficiency) |
| Pressure p <sub>fs, nom</sub>   | 135 Pa (in opt. efficiency)                  |
| Rotating speed n <sub>nom</sub> | 2.770 1/min (in opt. efficiency)             |
| Rotating speed                  | 2.833 1/min                                  |
| Impeller type                   | axial                                        |
| Speed controllable              | ✓                                            |
| Reversing capacity              | ✓                                            |
| Type of voltage                 | Alternating current                          |
| Rated voltage                   | 230 V                                        |
| Frequency                       | 50 Hz                                        |
| Nominal output                  | 185 W (in opt. efficiency)                   |
| I <sub>nom</sub>                | 0,75 A (in opt. efficiency)                  |
| I <sub>max</sub>                | 1,1 A                                        |
| Degree of protection            | IP 55                                        |
| Insulation class                | F                                            |
| Installation site               | Wall / Ceiling                               |
| Type of installation            | Surface-mounted                              |
| Installation position           | horizontal / vertical                        |
| Material                        | Sheet steel, galvanised                      |
| Colour                          | Silver                                       |
| Weight                          | 4,255 kg                                     |
| Weight including packaging      | 8,202 kg                                     |
| Nominal size                    | 250 mm                                       |
| Width                           | 400 mm                                       |
| Height                          | 400 mm                                       |
| Depth                           | 259 mm                                       |
| Width with packaging            | 420 mm                                       |

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|                                          |                    |
|------------------------------------------|--------------------|
| Height with packaging                    | 420 mm             |
| Depth with packaging                     | 300 mm             |
| Airstream temperature at nominal current | -20 °C up to 60 °C |
| Airstream temperature at $I_{Max}$       | -20 °C up to 60 °C |
| Packing unit                             | 1 piece            |
| Range                                    | C                  |
| GTIN (EAN)                               | 4012799831044      |

## Technical data according to ErP in Best Efficiency Point (BEP)

|                                                                                            |                                                                                                      |
|--------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|
| Total efficiency $\eta$                                                                    | 29,8 %                                                                                               |
| Measurement category                                                                       | A                                                                                                    |
| Efficiency category                                                                        | static                                                                                               |
| Efficiency level N                                                                         | 40,8                                                                                                 |
| VSD necessary                                                                              | No                                                                                                   |
| Year of manufacture                                                                        | see rating plate                                                                                     |
| Manufacturer's name / official registration number / manufacturer's place of establishment | Maico Elektroapparate-Fabrik GmbH / Freiburg registration court, HRB 601233 / Villingen-Schwenningen |
| Art. No.                                                                                   | 0083.0104                                                                                            |
| $P_{BEP}$ / Air volume $_{BEP}$ / $P_{fs, BEP}$                                            | 0,185 kW / 1.470 m <sup>3</sup> /h / 135 Pa                                                          |
| $n_{BEP}$                                                                                  | 2.770 1/min                                                                                          |
| Specific ratio                                                                             | $\approx 1$                                                                                          |
| Information about dismantling and disposal                                                 | see mounting instructions                                                                            |
| Information about installation, operation and repairs                                      | see mounting instructions                                                                            |
| Objects used to measure efficiency which are not described by the measurement category     | -                                                                                                    |
| Sound power level $L_{WA7}$                                                                | 80 dB(A)                                                                                             |

## Sound power level in octave range

|                          | 63 Hz | 125 Hz | 250 Hz | 500 Hz | 1 kHz | 2 kHz | 4 kHz | 8 kHz | Total |
|--------------------------|-------|--------|--------|--------|-------|-------|-------|-------|-------|
| $L_{WA7, S1}$<br>(dB(A)) | 23    | 40     | 48     | 54     | 54    | 55    | 51    | 39    | 60    |
| $L_{WA7, S2}$<br>(dB(A)) | 30    | 47     | 60     | 60     | 67    | 66    | 64    | 54    | 71    |
| $L_{WA7, S3}$<br>(dB(A)) | 38    | 51     | 65     | 67     | 72    | 72    | 69    | 61    | 77    |
| $L_{WA7, S4}$<br>(dB(A)) | 40    | 54     | 61     | 72     | 74    | 74    | 71    | 62    | 79    |
| $L_{WA7, S5}$<br>(dB(A)) | 38    | 59     | 57     | 73     | 75    | 75    | 72    | 64    | 80    |
| $L_{WA8, S1}$<br>(dB(A)) | 31    | 44     | 49     | 54     | 61    | 62    | 64    | 61    | 68    |

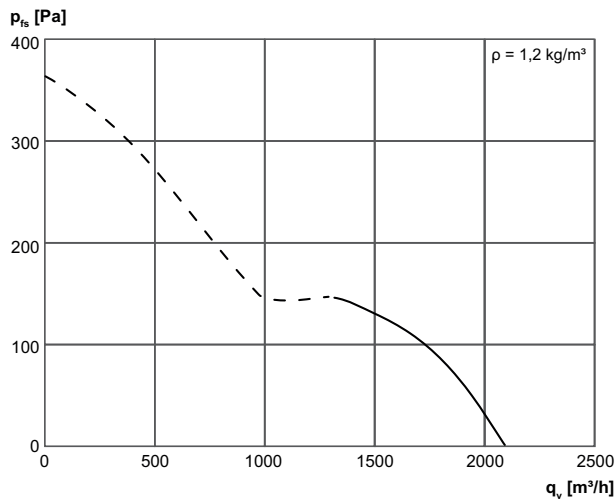
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|                                              | 63 Hz | 125 Hz | 250 Hz | 500 Hz | 1 kHz | 2 kHz | 4 kHz | 8 kHz | Total |
|----------------------------------------------|-------|--------|--------|--------|-------|-------|-------|-------|-------|
| <b>L<sub>WA8, S2</sub></b><br><b>(dB(A))</b> | 49    | 53     | 63     | 63     | 71    | 71    | 72    | 69    | 77    |
| <b>L<sub>WA8, S3</sub></b><br><b>(dB(A))</b> | 53    | 59     | 67     | 68     | 75    | 75    | 75    | 72    | 81    |
| <b>L<sub>WA8, S4</sub></b><br><b>(dB(A))</b> | 51    | 56     | 63     | 74     | 77    | 76    | 76    | 73    | 82    |
| <b>L<sub>WA8, S5</sub></b><br><b>(dB(A))</b> | 55    | 62     | 62     | 75     | 78    | 78    | 78    | 75    | 84    |

L<sub>WA7</sub>= housing and free inlet sound power level in dB.

L<sub>WA8</sub>= housing and free outlet sound power level in dB.

### Characteristic curve



### Dimensioned drawing [mm]

- ① Steel wall plate = EZQ/DZQ model
- ② Steel wall ring = EZS/DZS model

