

DZQ 60/84 B



Short description

Axial wall fan with square wall plate, DN 600, three-phase AC, pole-changeable

Application examples

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

Article number 0083.0164

Technical data

| | |
|---------------------------------|---|
| Model | Square wall plate |
| Air flow volume | 7.490 m ³ /h / 14.970 m ³ /h |
| Air volume _{nom} | 5.480 m ³ /h / 10.790 m ³ /h (in opt. efficiency) |
| Pressure p _{fs, nom} | 52 Pa - 210 Pa (in opt. efficiency) |
| Rotating speed n _{nom} | 720 1/min - 1.425 1/min (in opt. efficiency) |
| Rotating speed | 727 1/min / 1.449 1/min |
| Impeller type | axial |
| Speed controllable | ✓ |
| Reversing capacity | ✓ |
| Type of voltage | Three-phase AC |
| Rated voltage | 400 V |
| Frequency | 50 Hz |
| Nominal output | 250 W / 1.600 W (in opt. efficiency) |
| I _{nom} | 1 A / 3 A (in opt. efficiency) |
| I _{max} | 4,3 A |
| Degree of protection | IP 55 |
| Insulation class | F |
| Pole-changeable | ✓ |
| Number of poles at high speed | 4 |
| Number of poles at low speed | 8 |
| Mains cable | 7 x 1,5 mm ² |
| Installation site | Wall / Ceiling |
| Type of installation | Surface-mounted |
| Installation position | horizontal / vertical |
| Material | Sheet steel, galvanised |
| Colour | Silver |
| Weight | 32,94 kg |
| Weight including packaging | 38,5 kg |
| Nominal size | 600 mm |

DZQ 60/84 B

| | |
|--|--------------------|
| Width | 820 mm |
| Height | 820 mm |
| Depth | 401 mm |
| Width with packaging | 850 mm |
| Height with packaging | 850 mm |
| Depth with packaging | 435 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) | 4012799831648 |

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

| | |
|--|--|
| Total efficiency η | 39,3 % |
| Measurement category | A |
| Efficiency category | static |
| Efficiency level N | 44,4 |
| 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. | 0083.0164 |
| P_{BEP} / Air volume $_{BEP}$ / $P_{fs, BEP}$ | 1,6 kW / 10.790 m ³ /h / 210 Pa |
| η_{BEP} | 1.425 1/min |
| Specific ratio | ≈ 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} | 71 dB(A) / 87 dB(A) |

Sound power level in octave range

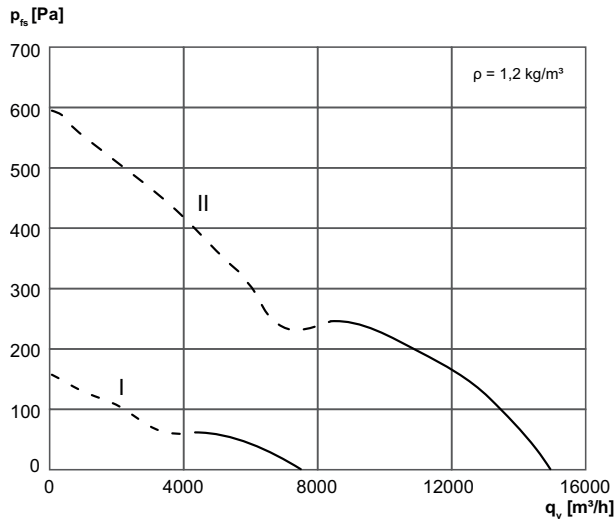
| | 63 Hz | 125 Hz | 250 Hz | 500 Hz | 1 kHz | 2 kHz | 4 kHz | 8 kHz | Total |
|----------------------------|-------|--------|--------|--------|-------|-------|-------|-------|-------|
| $L_{WA7, low}$ (dB(A)) | 60 | 69 | 77 | 80 | 84 | 82 | 82 | 78 | 71 |
| $L_{WA7, high}$ (dB(A)) | 43 | 56 | 74 | 79 | 84 | 81 | 77 | 68 | 87 |
| $L_{WA8, low}$ (dB(A)) | - | - | - | - | - | - | - | - | 76 |
| $L_{WA8, high}$ (dB(A)) | - | - | - | - | - | - | - | - | 89 |

L_{WA7} = housing and free inlet sound power level in dB.

DZQ 60/84 B

L_{WA8} = 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

