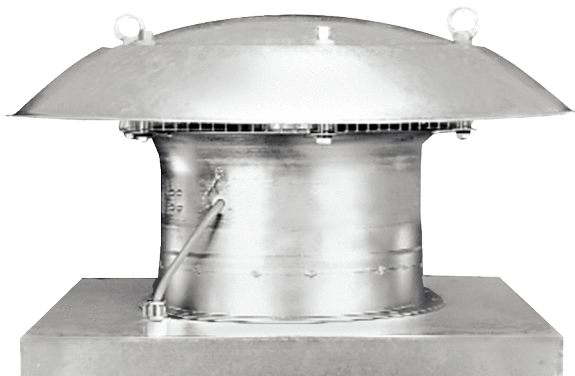


EZD 50/6 B



Short description

Axial roof fan, horizontal air outlet, DN 500, single-phase AC

Application examples

Production facility, Workplace, Commercial premises, Restaurant, Showroom

Article number 0087.0211

Technical data

| | |
|---------------------------------|--|
| Air flow volume | 4.040 m ³ /h |
| Air volume _{nom} | 2.560 m ³ /h (in opt. efficiency) |
| Pressure p _{fs, nom} | 55 Pa (in opt. efficiency) |
| Rotating speed n _{nom} | 945 1/min (in opt. efficiency) |
| Rotating speed | 947 1/min |
| Impeller type | axial |
| Speed controllable | ✓ |
| Reversing capacity | ✓ |
| Type of voltage | Alternating current |
| Rated voltage | 230 V |
| Frequency | 50 Hz |
| Nominal output | 245 W (in opt. efficiency) |
| I _{nom} | 1,1 A (in opt. efficiency) |
| I _{max} | 1,3 A |
| Degree of protection | IP 55 |
| Insulation class | B |
| Installation site | Roof |
| Installation position | vertical |
| Material | Sheet steel, galvanised |
| Colour | Silver |
| Weight | 33 kg |
| Weight including packaging | 40 kg |
| Nominal size | 500 mm |
| Width | 940 mm |
| Height | 940 mm |
| Depth | 420 mm |
| Width with packaging | 941 mm |
| Height with packaging | 941 mm |
| Depth with packaging | 510 mm |

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| | |
|--|--------------------|
| 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) | 4012799872115 |

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

| | |
|--|--|
| Total efficiency η | 30,1 % |
| Measurement category | C |
| Efficiency category | static |
| Efficiency level N | 40,3 |
| 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. | 0087.0211 |
| P_{BEP} / Air volume $_{BEP}$ / $P_{fs, BEP}$ | 0,245 kW / 4.350 m ³ /h / 61 Pa |
| n_{BEP} | 945 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 $_{L_{WA7}}$ | 79 dB(A) |

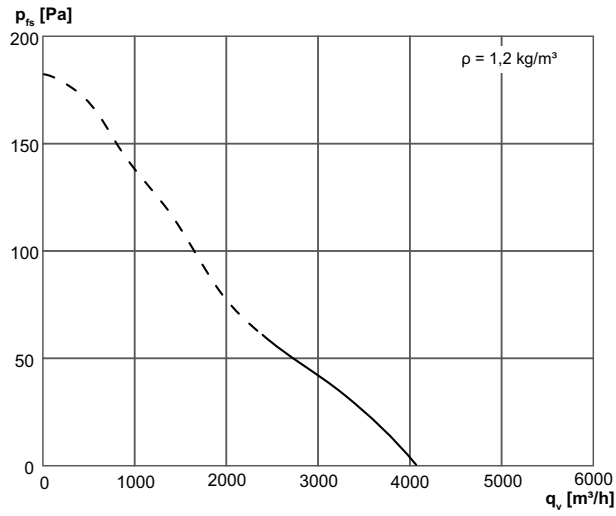
Sound power level in octave range

| | 63 Hz | 125 Hz | 250 Hz | 500 Hz | 1 kHz | 2 kHz | 4 kHz | 8 kHz | Total |
|---|-------|--------|--------|--------|-------|-------|-------|-------|-------|
| $L_{WA7, S5}$ (dB(A)) | 50 | 64 | 71 | 71 | 75 | 72 | 67 | 57 | 79 |

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

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Characteristic curve



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Dimensioned drawing [mm]

