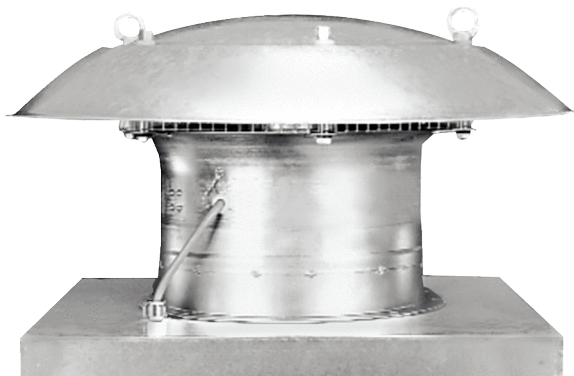


DZD 30/2 B



Short description

Axial roof fan, horizontal air outlet, DN 300, three-phase AC

Application examples

Production facility, Workplace, Commercial premises, Restaurant, Showroom

Article number 0087.0216

Technical data

| | |
|--|--|
| Air flow volume | 3.100 m ³ /h |
| Air volume e_{nom} | 2.040 m ³ /h (in opt. efficiency) |
| Pressure $p_{fs, nom}$ | 135 Pa (in opt. efficiency) |
| Rotating speed n_{nom} | 2.830 1/min (in opt. efficiency) |
| Rotating speed | 2.920 1/min |
| Impeller type | axial |
| Speed controllable | ✓ |
| Reversing capacity | ✓ |
| Type of voltage | Three-phase AC |
| Rated voltage | 400 V |
| Frequency | 50 Hz |
| Nominal output | 380 W (in opt. efficiency) |
| I_{nom} | 0,85 A (in opt. efficiency) |
| I_{max} | 1 A |
| Degree of protection | IP 55 |
| Insulation class | B |
| Mains cable | 7 / 1,5 mm ² |
| Installation site | Roof |
| Installation position | vertical |
| Material | Sheet steel, galvanised |
| Weight | 20,1 kg |
| Nominal size | 300 mm |
| Width | 660 mm |
| Height | 660 mm |
| Depth | 375 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 |

DZD 30/2 B

| | |
|------------|---------------|
| GTIN (EAN) | 4012799872160 |
|------------|---------------|

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

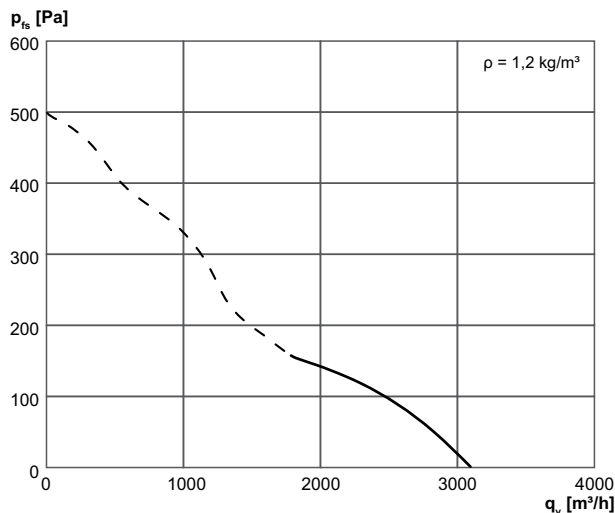
| | |
|--|--|
| Total efficiency η | 34,3 % |
| Measurement category | C |
| Efficiency category | static |
| Efficiency level N | 43,2 |
| Year of manufacture | see rating plate |
| Manufacturer's name / official registration number / manufacturer's place of establishment | Maico Elektroapparate-Fabrik GmbH / Freiburg registration court, HRB 601233 / Villingen-Schwenningen |
| Art. No. | 0087.0216 |
| P_{BEP} / Air volume $_{BEP}$ / $P_{fs, BEP}$ | 0,385 kW / 2.640 m ³ /h / 180 Pa |
| n_{BEP} | 2.830 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 | Calculation of energy efficiency without protective grille and roof cowl. |
| Sound power level $_{L_{WA7}}$ | 89 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)) | 53 | 62 | 81 | 80 | 89 | 87 | 82 | 74 | 89 |

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

Characteristic curve



DZD 30/2 B

Dimensioned drawing [mm]

