

# EZQ 20/4 E Ex e



## Short description

Axial wall-mounted fan with square wall plate, DN200, AC, explosion-proof, medium: gas

## Application examples

Environment with explosion hazard (zone 1 and 2), Dye shop, Battery room, Laboratory, Workplace

Article number 0083.0850

## Technical data

|  |                         |
|--|-------------------------|
| Model                                    | Square wall plate       |
| Air flow volume                          | 440 m <sup>3</sup> /h   |
| Rotating speed                           | 1.340 1/min             |
| Impeller type                            | axial                   |
| Speed controllable                       | –                       |
| Reversing capacity                       | –                       |
| Type of voltage                          | Alternating current     |
| Rated voltage                            | 230 V                   |
| Frequency                                | 50 Hz                   |
| Nominal output                           | 45 W                    |
| cosφ                                     | 0,61                    |
| I <sub>nom</sub>                         | 0,32 A                  |
| I <sub>max</sub> at U <sub>Nominal</sub> | 0,32 A                  |
| Degree of protection                     | IP 64                   |
| Insulation class                         | B                       |
| Installation site                        | Wall / Ceiling          |
| Type of installation                     | Surface-mounted         |
| Installation position                    | vertical / horizontal   |
| Material                                 | Sheet steel, galvanised |
| Housing material                         | Sheet steel, galvanised |
| Colour                                   | galvanised              |
| Weight                                   | 3,95 kg                 |
| Weight including packaging               | 4,95 kg                 |
| Nominal size                             | 200 mm                  |
| Width                                    | 345 mm                  |
| Height                                   | 345 mm                  |
| Depth                                    | 170,5 mm                |
| Width with packaging                     | 420 mm                  |
| Height with packaging                    | 420 mm                  |

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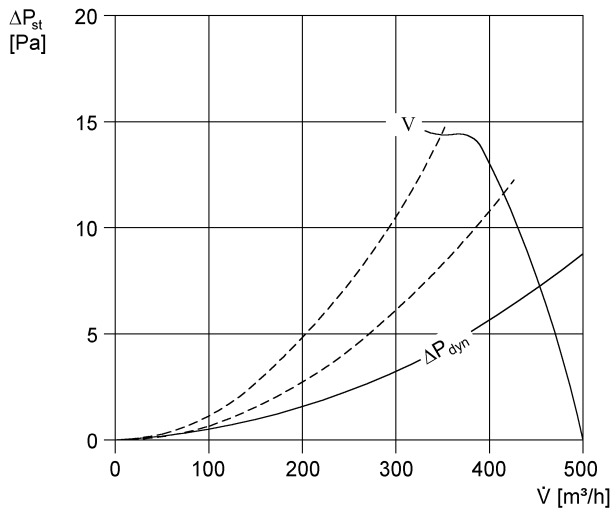
|  |  |
|--|--|
| Depth with packaging                                 | 300 mm   |
| EX designation in accordance with the ATEX Directive | Ex II 2 G  |
| EX designation in accordance with standard           | Ex eb IIB + H <sub>2</sub> T3 Gb / Ex h IIB + H <sub>2</sub> T3 Gb |
| Ta ambient temperature                               | -20 °C ≤ Ta ≤ +40 °C   |
| I <sub>A</sub> /I <sub>N</sub>                       | 1,5  |
| Time t <sub>E</sub>                                  | 300 sek  |
| Operating mode                                       | S1   |
| EC type examination certificate                      | TÜV-A 18ATEX0053 X, IECEx EPS 19.0021X                             |
| Temperature class                                    | T3   |
| Temperature class of insulating materials Th. Cl.    | 130 (B)  |
| Packing unit   | 1 piece  |
| Range  | C  |
| GTIN (EAN)   | 4012799838500  |

## Sound power level in octave range

|                                   | 63 Hz | 125 Hz | 250 Hz | 500 Hz | 1 kHz | 2 kHz | 4 kHz | 8 kHz | Total |
|-----------------------------------|-------|--------|--------|--------|-------|-------|-------|-------|-------|
| L <sub>WA7, high</sub><br>(dB(A)) | -     | -      | -      | -      | -     | -     | -     | -     | 57    |

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

## Characteristic curve



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Dimensioned drawing [mm]

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

