

# DZQ 50/6 B Ex t



## Short description

Axial wall-mounted fan with square wall plate, DN500, three-phase AC, explosion-proof, medium: dust

Article number 0083.0214

## Technical data

|  |   |
|--|---|
| Model  | Square wall plate                                   |
| Air flow volume                                      | 5.320 m <sup>3</sup> /h                             |
| Rotating speed                                       | 960 1/min   |
| Speed controllable                                   | ✓   |
| Reversing capacity                                   | ✓   |
| Type of voltage                                      | Three-phase AC                                      |
| Rated voltage  | 400 V   |
| Frequency  | 50 Hz   |
| Nominal output                                       | 165 W   |
| cosφ   | 0,41  |
| I <sub>nom</sub>                                     | 0,56 A  |
| I <sub>max</sub> at U <sub>Nominal</sub>             | 0,73 A  |
| Degree of protection                                 | IP 64   |
| Insulation class                                     | F   |
| Type of installation                                 | Surface-mounted                                     |
| Material   | Sheet steel, galvanised                             |
| Colour   | galvanised  |
| Weight   | 18,4 kg   |
| Weight including packaging                           | 22,36 kg  |
| Nominal size   | 500 mm  |
| Width  | 700 mm  |
| Height   | 700 mm  |
| Depth  | 269 mm  |
| Width with packaging                                 | 730 mm  |
| Height with packaging                                | 730 mm  |
| Depth with packaging                                 | 440 mm  |
| EX designation in accordance with the ATEX Directive | Ex II 2 D   |
| EX designation in accordance with standard           | Ex tb IIIB T135°C Db IP64 X / Ex h IIIB T135°C Db X |
| Ta ambient temperature                               | -20 °C ≤ Ta ≤ +40 °C                                |

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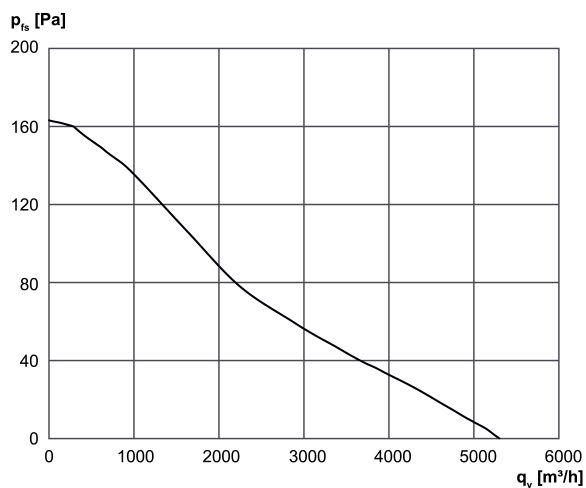
|   |   |
|---|---|
| I <sub>A</sub> /I <sub>N</sub>                    | 3,1                                     |
| Time t <sub>A</sub>                               | 240 sek                                 |
| Operating mode                                    | S1                                      |
| PTC DIN 44082                                     | M 100                                   |
| EC type examination certificate                   | TÜV-A 19 ATEX0102 X, IECEx EPS 19.0018X |
| Temperature class                                 | T135°C                                  |
| Temperature class of insulating materials Th. Cl. | 155 (F)                                 |
| Packing unit                                      | 1 piece                                 |
| Range   | C                                       |
| GTIN (EAN)  | 4012799832140                           |

## 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)) | -     | -      | -      | -      | -     | -     | -     | -     | 73    |

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

