

# DAQ 71/6 Ex



## Short description

Axial wall fan with square wall plate, DN 710, three-phase AC, explosion-proof, nominal power 0.71 kW, medium: gas

## Application examples

explosion-proof industrial applications, Process exhaust air

Article number 0073.0338

## Technical data

|  |   |
|--|---|
| Model  | Differentiation in nominal widths and number of poles |
| Air flow volume                                      | 13.251 m <sup>3</sup> /h                              |
| Rotating speed                                       | 960 1/min   |
| Impeller type  | axial   |
| Speed controllable                                   | ✓   |
| Reversing capacity                                   | –   |
| Type of voltage                                      | Three-phase AC  |
| Rated voltage  | 400 V   |
| Frequency  | 50 Hz   |
| Nominal output                                       | 750 W   |
| I <sub>nom</sub>                                     | 2,7 A   |
| Degree of protection                                 | IP 55   |
| Insulation class                                     | F   |
| Pole-changeable                                      | –   |
| Installation site                                    | Wall / ceiling  |
| Installation position                                | Horizontal  |
| Material   | Sheet steel, galvanised                               |
| Housing material                                     | Steel   |
| Colour   | Silver  |
| Weight   | 35 kg   |
| Weight including packaging                           | 39 kg   |
| Nominal size   | 710 mm  |
| Width  | 850 mm  |
| Height   | 465 mm  |
| Depth  | 850 mm  |
| Width with packaging                                 | 860 mm  |
| Height with packaging                                | 485 mm  |
| Depth with packaging                                 | 860 mm  |
| EX designation in accordance with the ATEX Directive | Ex II 2 G   |

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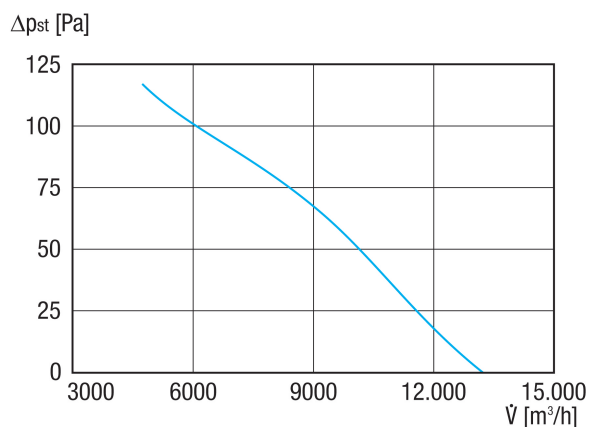
|  |  |
|--|--|
| EX designation in accordance with standard | Ex db IIB+H2 T4 Gb X / Ex h IIB+H2 T4 Gb X |
| Ta ambient temperature                     | -20 °C ≤ Ta ≤ +40 °C                       |
| Operating mode                             | S1   |
| PTC DIN 44082                              | M 100                                      |
| Temperature class                          | T4   |
| Packing unit                               | 1 piece                                    |
| Range                                      | C  |
| GTIN (EAN)                                 | 4012799733386                              |

## Sound power level in octave range

|  | 63 Hz | 125 Hz | 250 Hz | 500 Hz | 1 kHz | 2 kHz | 4 kHz | 8 kHz | Total |
|--|-------|--------|--------|--------|-------|-------|-------|-------|-------|
| <b>L<sub>WA5, S5</sub></b><br><b>(dB(A))</b> | 49,3  | 69,3   | 74,3   | 73,3   | 78,3  | 81,3  | 74,3  | 62,3  | 67,1  |

L<sub>WA5</sub>= free inlet sound power level in dB.

## Characteristic curve



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Dimensioned drawing [mm]

