

# DZQ 50/4 B Ex e



## Short description

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

## Application examples

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

Article number 0083.0185

## Technical data

Model	Square wall plate
Air flow volume	8.200 m <sup>3</sup> /h
Rotating speed	1.440 1/min
Impeller type	axial
Speed controllable	✓
Reversing capacity	✓
Type of voltage	Three-phase AC
Rated voltage	400 V
Frequency	50 Hz
Nominal output	420 W
cosφ	0,74
I <sub>nom</sub>	0,82 A
I <sub>max</sub> at U <sub>Nominal</sub>	1,83 A
Degree of protection	IP 64
Insulation class	F
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	24,12 kg
Weight including packaging	28,1 kg
Nominal size	500 mm
Width	700 mm
Height	700 mm
Depth	293,5 mm
Width with packaging	730 mm
Height with packaging	730 mm

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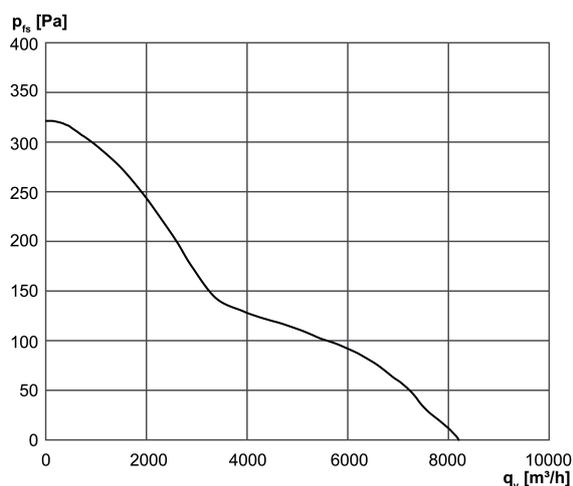
Depth with packaging	420 mm
EX designation in accordance with the ATEX Directive	Ex II 2 G
EX designation in accordance with standard	Ex eb IIB + H <sub>2</sub> T3 Gb / Ex h IIB + H <sub>2</sub> T3 Gb
Ta ambient temperature	-20 °C ≤ Ta ≤ +60 °C
I <sub>A</sub> /I <sub>N</sub>	4,6
Time t <sub>A</sub>	240 sek
Operating mode	S1
PTC DIN 44082	M 130
EC type examination certificate	TÜV-A 19 ATEX0102 X, IECEx EPS 19.0018X
Temperature class	T3
Temperature class of insulating materials Th. Cl.	155 (F)
Packing unit	1 piece
Range	C
GTIN (EAN)	4012799831853

## 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> (dB(A))	-	-	-	-	-	-	-	-	82

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

## Characteristic curve



# DZQ 50/4 B Ex e

Dimensioned drawing [mm]

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

