PRODUCTDATA SHEET

DZQ 20/4 B Ex e

Short description

Axial wall-mounted fan with square wall plate, DN200, 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	0083.0170

Technical data

Model	Square wall plate
Air flow volume	540 m³/h
Rotating speed	1.490 1/min
Impeller type	axial
Speed controllable	✓
Reversing capacity	✓
Type of voltage	Three-phase AC
Rated voltage	400 V
Frequency	50 Hz
Nominal output	30 W
cosφ	0,22
I_{nom}	0,19 A
I_{max} at $U_{Nominal}$	0,19 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	7,1 kg
Weight including packaging	8,14 kg
Nominal size	200 mm
Width	345 mm
Height	345 mm
Depth	220,5 mm
Width with packaging	415 mm
Height with packaging	415 mm

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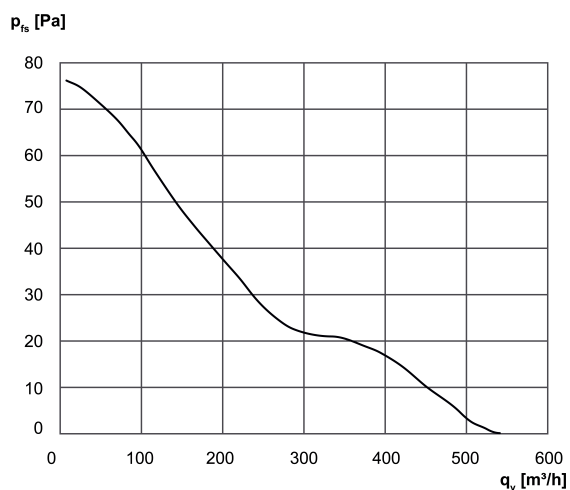
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Depth with packaging	300 mm
EX designation in accordance with the ATEX Directive	Ex II 2 G
EX designation in accordance with standard	Ex eb IIB + H_2 T4 Gb / Ex h IIB + H_2 T4 Gb
Ta ambient temperature	-20 °C ≤ Ta ≤ +40 °C
I_A/I_N	3,7
Time t_A	450 sek
Operating mode	S1
PTC DIN 44082	M 100
EC type examination certificate	TÜV-A 19 ATEX0102 X, IECEx EPS 19.0018X
Temperature class	T4
Temperature class of insulating materials Th. Cl.	155 (F)
Packing unit	1 piece
Range	C
GTIN (EAN)	4012799831709

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}, high (dB(A))	–	–	–	–	–	–	–	–	59

L_{WA7}= 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

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