

EZS 20/4 E Ex e



Short description

Axial wall-mounted fan with steel wall ring, DN200, AC, explosion-proof, medium: gas

Application examples

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

Article number 0094.0200

Technical data

Model	Steel wall ring
Air flow volume	440 m ³ /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 _{nom}	0,33 A
I _{max} at U _{Nominal}	0,34 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	3,36 kg
Weight including packaging	4,02 kg
Nominal size	200 mm
Width	345 mm
Height	345 mm
Depth	170,5 mm
Width with packaging	320 mm
Height with packaging	320 mm

EZS 20/4 E Ex e

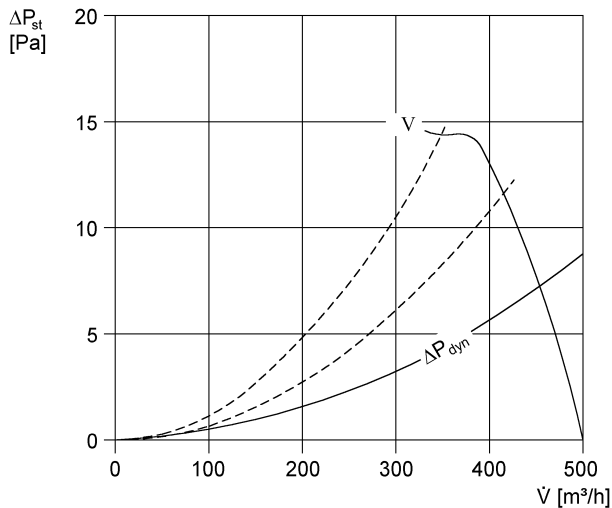
Depth with packaging	280 mm
EX designation in accordance with the ATEX Directive	Ex II 2 G
EX designation in accordance with standard	Ex eb IIB + H ₂ T3 Gb / Ex h IIB + H ₂ T3 Gb
Ta ambient temperature	-20 °C ≤ Ta ≤ +40 °C
I _A /I _N	1,5
Time t _E	300 sek
Operating mode	S1
EC type examination certificate	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)	4012799942009

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))	-	-	-	-	-	-	-	-	57

L_{WA7}= housing and free inlet sound power level in dB.

Characteristic curve



EZS 20/4 E Ex e

Dimensioned drawing [mm]

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

