DZD 40/4 B Ex e

Short description

Axial roof fan, horizontal air outlet, DN400, three-phase AC, explosion-proof, medium: gas

Application examples

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

Article number	0087.0805

Technical data

Air flow volume	3.200 m³/h
Rotating speed	1.465 1/min
Impeller type	axial
Air direction	Ventilation and air extraction
Speed controllable	✓
Reversing capacity	✓
Type of voltage	Three-phase AC
Rated voltage	400 V
Frequency	50 Hz
Nominal output	170 W
cosφ	0,45
I_{nom}	0,55 A
I_{max} at $U_{Nominal}$	0,7 A
Degree of protection	IP 64
Insulation class	F
Installation site	Roof
Installation position	vertical
Material	Sheet steel, galvanised
Housing material	Sheet steel, galvanised
Colour	galvanised
Weight	26,63 kg
Weight including packaging	32 kg
Nominal size	400 mm
Width	830 mm
Height	415 mm
Depth	830 mm
Width with packaging	865 mm
Height with packaging	460 mm
Depth with packaging	865 mm

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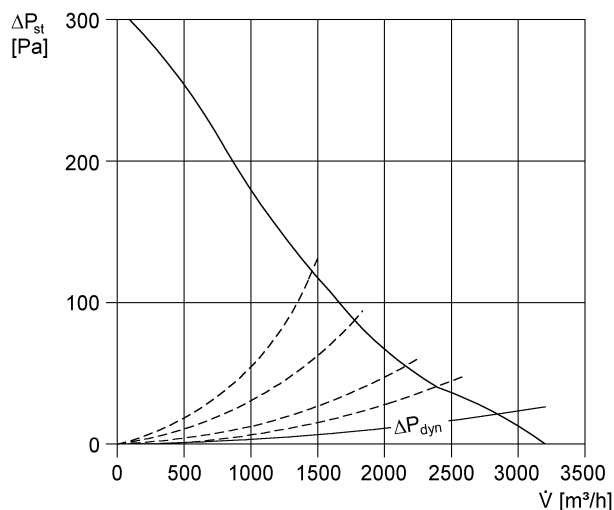
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EX designation in accordance with the ATEX Directive	Ex II 2 G
EX designation in accordance with standard	Ex eb IIB + H_2 T4 Gb / Ex h IIB + H_2 T4 Gb
Ta ambient temperature	-20 °C ≤ Ta ≤ +40 °C
I_A/I_N	5,7
Time t_A	110 sek
Operating mode	S1
PTC DIN 44082	M 100
EC type examination certificate	TÜV-A 19 ATEX0104 X, IECEx EPS 19.0020X
Temperature class	T4
Temperature class of insulating materials Th. Cl.	155 (F)
Packing unit	1 piece
Range	C
GTIN (EAN)	4012799878056

Sound power level in octave range

	63 Hz	125 Hz	250 Hz	500 Hz	1 kHz	2 kHz	4 kHz	8 kHz	Total
L_{WA5}, high (dB(A))	–	–	–	–	–	–	–	–	84

L_{WA5}= free inlet sound power level in dB.

Characteristic curve

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Dimensioned drawing [mm]

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