

ERD V 35/4 Ex



Short description

Centrifugal roof fan, vertical air outlet, nominal power 0.25 kW, single-phase AC, for use in potentially explosive atmospheres, medium: gas

Application examples

Industrial building, Commercial hall

Article number 0073.0545

Technical data

Air flow volume	3.643 m ³ /h
Rotating speed	1.460 1/min
Impeller type	radial
Speed controllable	–
Reversing capacity	–
Type of voltage	Alternating current
Rated voltage	230 V
Frequency	50 Hz
Nominal output	250 W
I _{nom}	1,75 A
Degree of protection	IP 55
Insulation class	F
Pole-changeable	–
Installation site	Roof
Installation position	vertical
Material	Sheet steel, galvanised
Housing material	Sheet steel, galvanised
Colour	grey
Weight	30 kg
Weight including packaging	39 kg
Size	350
Width	800 mm
Height	630 mm
Depth	800 mm
Width with packaging	810 mm
Height with packaging	645 mm
Depth with packaging	810 mm
EX designation in accordance with the ATEX Directive	Ex II 2 G
EX designation in accordance with standard	Ex db IIB+H2 T4 Gb X / Ex h IIB+H2 T4 Gb X

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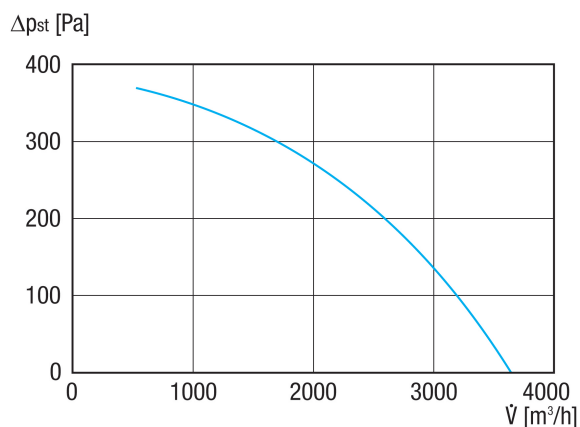
Ta ambient temperature	-20 °C ≤ Ta ≤ +60 °C
Operating mode	S1
PTC DIN 44082	M 100
Temperature class	T4
Packing unit	1 piece
Range	G
GTIN (EAN)	4012799735458

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, S5} (dB(A))	43	71	73	76	74	71	70	65	81

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

Characteristic curve



Dimensioned drawing [mm]

