DZR 25/2 B Ex e





Short description

Axial duct fan, DN250, three-phase AC, explosion-proof, medium: gas

Application examples

Environment with explosion hazard (zone 1 and 2), Workshop, Storage facility, Laboratory, Workplace air extraction system

Article number 0086.0702

Technical data

Air flow volume	1.950 m³/h				
Rotating speed	2.880 1/min				
Impeller type	axial				
Speed controllable	✓				
Reversing capacity	✓				
Type of voltage	Three-phase AC				
Rated voltage	400 V				
Frequency	50 Hz				
Nominal output	130 W				
cosφ	0,65				
I _{nom}	0,28 A				
I _{max} at U _{Nominal}	0,4 A				
Degree of protection	IP 64				
Insulation class	F				
Installation position	vertical / horizontal				
Material	Sheet steel, galvanised				
Housing material	Sheet steel, galvanised				
Colour	galvanised				
Weight	8,59 kg				
Weight including packaging	9,51 kg 250 mm				
Nominal size					
Width	372 mm				
Height	372 mm				
Depth	300 mm				
Width with packaging	420 mm				
Height with packaging	430 mm				
Depth with packaging	330 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				



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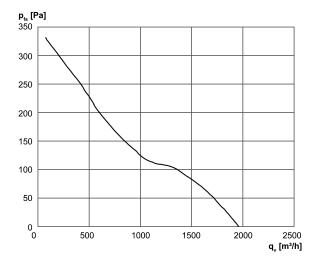
Ta ambient temperature	-20 °C ≤ Ta ≤ +40 °C				
I _A /I _N	6,1				
Time t _A	69 sek				
Operating mode	S1				
PTC DIN 44082	M 100				
EC type examination certificate	TÜV-A 19 ATEX0103 X, IECEx EPS 19.0019X T4				
Temperature class					
Temperature class of insulating materials Th. Cl.	155 (F)				
Packing unit	1 piece				
Range	С				
GTIN (EAN)	4012799867029				

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	-	-	-	-	-	-	-	-	81
(dB(A))									

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

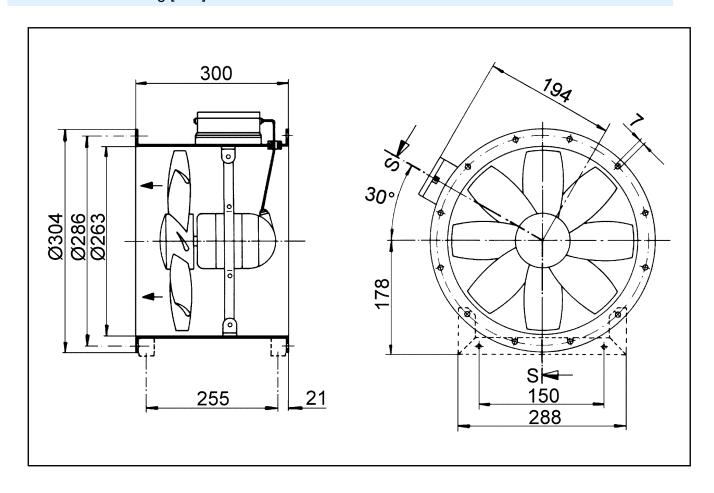
Characteristic curve



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Dimensioned drawing [mm]



Number of flange holes: 6