

DZS 50/6 B Ex t



Short description

Axial wall-mounted fan with steel wall ring, DN500, three-phase AC, explosion-proof, medium: dust

Article number 0094.0213

Technical data

Model	Steel wall ring
Air flow volume	5.320 m ³ /h
Rotating speed	960 1/min
Speed controllable	✓
Reversing capacity	✓
Type of voltage	Three-phase AC
Rated voltage	400 V
Frequency	50 Hz
Nominal output	165 W
cosφ	0,41
I _{nom}	0,56 A
I _{max} at U _{Nominal}	0,73 A
Degree of protection	IP 64
Insulation class	F
Type of installation	Surface-mounted
Material	Sheet steel, galvanised
Colour	galvanised
Weight	14,3 kg
Weight including packaging	18,53 kg
Nominal size	500 mm
Width	700 mm
Height	700 mm
Depth	270 mm
Width with packaging	720 mm
Height with packaging	720 mm
Depth with packaging	420 mm
EX designation in accordance with the ATEX Directive	Ex II 2 D
EX designation in accordance with standard	Ex tb IIIB T135°C Db IP64 X / Ex h IIIB T135°C Db X
Ta ambient temperature	-20 °C ≤ Ta ≤ +40 °C

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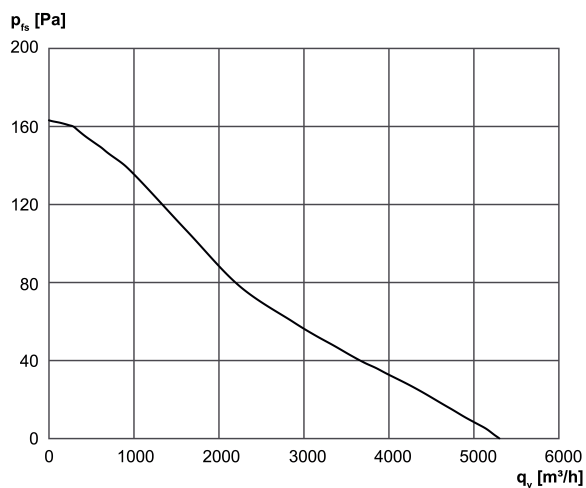
I _A /I _N	3,1
Time t _A	240 sek
Operating mode	S1
PTC DIN 44082	M 100
EC type examination certificate	TÜV-A 19 ATEX0102 X, IECEx EPS 19.0018X
Temperature class	T135°C
Temperature class of insulating materials Th. Cl.	155 (F)
Packing unit	1 piece
Range	C
GTIN (EAN)	4012799942139

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))	-	-	-	-	-	-	-	-	73

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

