

DZS 25/4 B Ex t



Short description

Axial wall-mounted fan with steel wall ring, DN250, three-phase AC, explosion-proof, medium: dust

Article number 0094.0203

Technical data

Model	Steel wall ring
Air flow volume	950 m ³ /h
Rotating speed	1.475 1/min
Speed controllable	✓
Reversing capacity	✓
Type of voltage	Three-phase AC
Rated voltage	400 V
Frequency	50 Hz
Nominal output	38 W
cosφ	0,28
I _{nom}	0,19 A
I _{max} at U _{Nominal}	0,19 A
Degree of protection	IP 64
Insulation class	F
Type of installation	Surface-mounted
Material	Sheet steel, galvanised
Colour	galvanised
Weight	7,7 kg
Weight including packaging	7,76 kg
Nominal size	250 mm
Width	400 mm
Height	400 mm
Depth	245 mm
Width with packaging	365 mm
Height with packaging	315 mm
Depth with packaging	365 mm
EX designation in accordance with the ATEX Directive	Ex II 2 D
EX designation in accordance with standard	Ex tb IIIC T135°C Db IP64 X / Ex h IIIC T135°C Db X
Ta ambient temperature	-40 °C ≤ Ta ≤ +60 °C

DZS 25/4 B Ex t

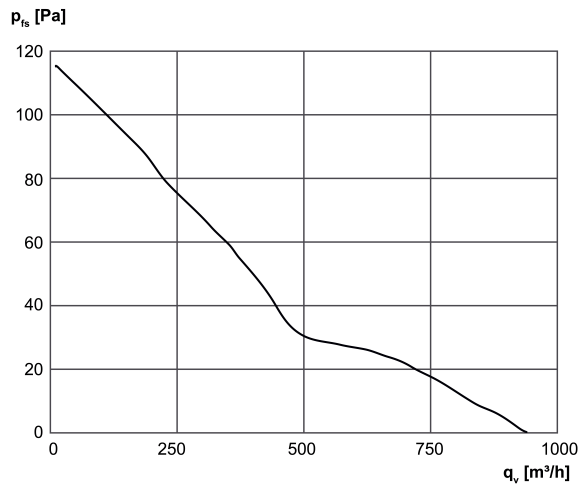
I _A /I _N	3,7
Time t _A	450 sek
Operating mode	S1
PTC DIN 44082	M 100
EC type examination certificate	TÜV-A 19 ATEX0102 X, IECEx EPS 19.0018X
Temperature class	T200°C
Temperature class of insulating materials Th. Cl.	155 (F)
Packing unit	1 piece
Range	G
GTIN (EAN)	4012799942030

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))	-	-	-	-	-	-	-	-	65

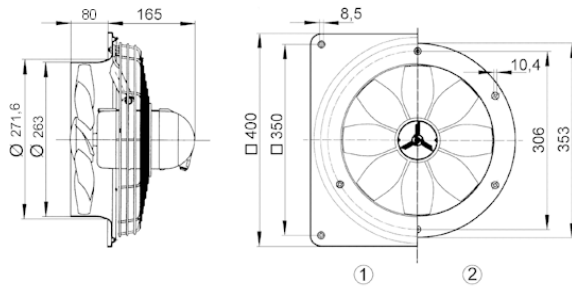
L_{WA7}= housing and free inlet sound power level in dB.

Characteristic curve



DZS 25/4 B Ex t

Dimensioned drawing [mm]



① Steel wall plate = EZQ/DZQ version

② Steel wall ring = EZS/DZS version

The air flow direction is marked.

Standard exhaust air mode, air flow direction with air drawn across motor.