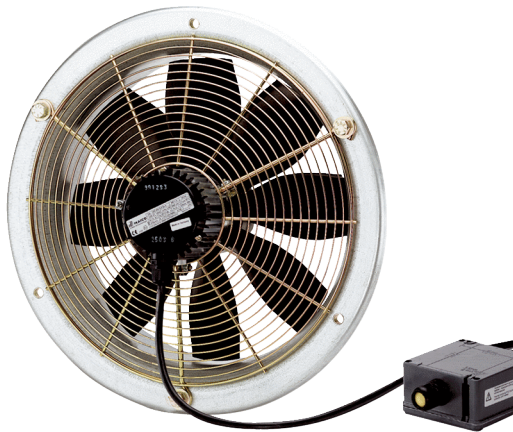


DZS 50/6 B Ex e



Short description

Axial wall fan with steel wall ring, DN 500, three-phase AC, explosion proof

Application examples

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

Article number 0094.0128

Technical data

Model	Steel wall ring
Air flow volume	5.320 m ³ /h
Rotating speed	960 1/min
Impeller type	axial
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 54
Insulation class	F
Installation site	Wall / Ceiling
Type of installation	Surface-mounted
Installation position	vertical / horizontal
Housing material	Sheet steel, galvanised
Weight	14,3 kg
Nominal size	500 mm
Width	700 mm
Height	700 mm
Depth	270 mm
EX designation in accordance with the ATEX Directive	Ex II 2 G
EX designation in accordance with standard	Ex e IIB + H ₂ T4 Gb
Ta ambient temperature	-20 °C ≤ Ta ≤ +40 °C
I _A /I _N	3,1
Time t _A	240 sek

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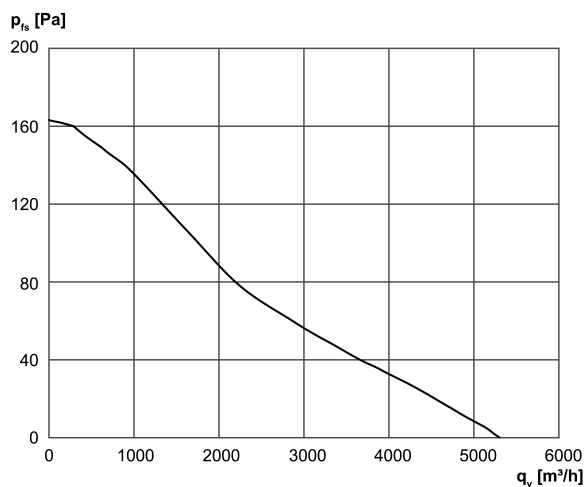
Operating mode	S1
PTC DIN 44082	M 100
EC type examination certificate	EX5 03 06 39250 007
Temperature class	T4
Temperature class of insulating materials Th. Cl.	155 (F)
Packing unit	1 piece
Range	C
GTIN (EAN)	4012799941286

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



DZS 50/6 B Ex e

Dimensioned drawing [mm]

- ① Steel wall plate = EZQ/DZQ model
- ② Steel wall ring = EZS/DZS model

