

# EZS 25/2 B



## Short description

Axial wall fan with steel wall ring, DN 250, single-phase AC

## Application examples

Production facility, Commercial premises, Garage, Building container, Storage facility

Article number 0094.0001

## Technical data

Model	Steel wall ring
Air flow volume	2.100 m <sup>3</sup> /h
Air volume <sub>nom</sub>	1.470 m <sup>3</sup> /h (in opt. efficiency)
Pressure p <sub>fs, nom</sub>	135 Pa (in opt. efficiency)
Rotating speed n <sub>nom</sub>	2.770 1/min (in opt. efficiency)
Rotating speed	2.833 1/min
Impeller type	axial
Speed controllable	✓
Reversing capacity	✓
Type of voltage	Alternating current
Rated voltage	230 V
Frequency	50 Hz
Nominal output	185 W (in opt. efficiency)
I <sub>nom</sub>	0,75 A (in opt. efficiency)
I <sub>max</sub>	1,1 A
Degree of protection	IP 55
Insulation class	F
Pole-changeable	–
Installation site	Wall / Ceiling
Type of installation	Surface-mounted
Installation position	horizontal / vertical
Material	Sheet steel, galvanised
Colour	Silver
Weight	6,39 kg
Weight including packaging	7,02 kg
Nominal size	250 mm
Width	400 mm
Height	400 mm
Depth	281 mm

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Width with packaging	365 mm
Height with packaging	310 mm
Depth with packaging	365 mm
Airstream temperature at nominal current	-20 °C up to 60 °C
Airstream temperature at $I_{Max}$	-20 °C up to 60 °C
Packing unit	1 piece
Range	C
GTIN (EAN)	4012799940012

## Technical data according to ErP in Best Efficiency Point (BEP)

Total efficiency $\eta$	29,8 %
Measurement category	A
Efficiency category	static
Efficiency level N	40,8
VSD necessary	No
Year of manufacture	see rating plate
Manufacturer's name / official registration number / manufacturer's place of establishment	Maico Elektroapparate-Fabrik GmbH / Freiburg registration court, HRB 601233 / Villingen-Schwenningen
Art. No.	0094.0001
$P_{BEP}$ / Air volume $_{BEP}$ / $P_{fs, BEP}$	0,185 kW / 1.470 m <sup>3</sup> /h / 135 Pa
$n_{BEP}$	2.770 1/min
Specific ratio	$\approx 1$
Information about dismantling and disposal	see mounting instructions
Information about installation, operation and repairs	see mounting instructions
Objects used to measure efficiency which are not described by the measurement category	-
Sound power level $_{L_{WA5}}$	80 dB(A)
Sound power level $_{L_{WA7}}$	80 dB(A)

## Sound power level in octave range

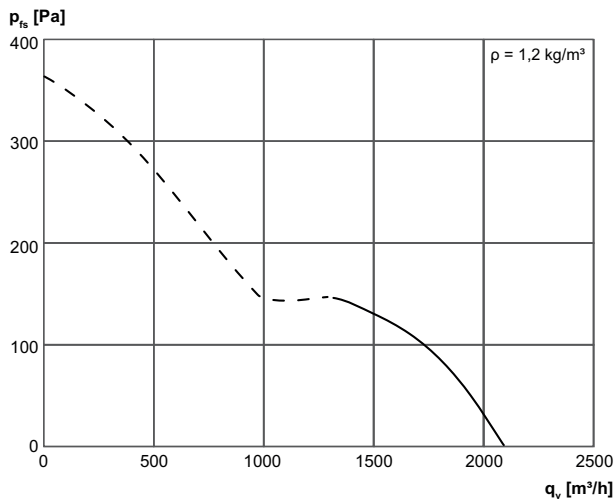
	63 Hz	125 Hz	250 Hz	500 Hz	1 kHz	2 kHz	4 kHz	8 kHz	Total
<b><math>L_{WA7, S1}</math> (dB(A))</b>	23	40	48	54	54	55	51	39	60
<b><math>L_{WA7, S2}</math> (dB(A))</b>	30	47	60	60	67	66	64	54	71
<b><math>L_{WA7, S3}</math> (dB(A))</b>	38	51	65	67	72	72	69	61	77
<b><math>L_{WA7, S4}</math> (dB(A))</b>	40	54	61	72	74	74	71	62	79
<b><math>L_{WA7, S5}</math> (dB(A))</b>	38	59	57	73	75	75	72	64	80

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	63 Hz	125 Hz	250 Hz	500 Hz	1 kHz	2 kHz	4 kHz	8 kHz	Total
<b>L<sub>WA8, S1</sub></b> <b>(dB(A))</b>	31	44	49	54	61	62	64	61	68
<b>L<sub>WA8, S2</sub></b> <b>(dB(A))</b>	49	53	63	63	71	71	72	69	77
<b>L<sub>WA8, S3</sub></b> <b>(dB(A))</b>	53	59	67	68	75	75	75	72	81
<b>L<sub>WA8, S4</sub></b> <b>(dB(A))</b>	51	56	63	74	77	76	76	73	82
<b>L<sub>WA8, S5</sub></b> <b>(dB(A))</b>	55	62	62	75	78	78	78	75	84

L<sub>WA7</sub>= housing and free inlet sound power level in dB.  
 L<sub>WA8</sub>= housing and free outlet sound power level in dB.

## Characteristic curve



## Dimensioned drawing [mm]

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

