

EZS 40/4 B



Short description

Axial wall fan with steel wall ring, DN 400, single-phase AC

Application examples

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

Article number 0094.0009

Technical data

Model	Steel wall ring
Air flow volume	4.350 m ³ /h
Air volume _{nom}	3.060 m ³ /h (in opt. efficiency)
Pressure p _{fs, nom}	88 Pa (in opt. efficiency)
Rotating speed n _{nom}	1.380 1/min (in opt. efficiency)
Rotating speed	1.426 1/min
Impeller type	axial
Speed controllable	✓
Reversing capacity	✓
Type of voltage	Alternating current
Rated voltage	230 V
Frequency	50 Hz
Nominal output	249 W (in opt. efficiency)
I _{nom}	1,1 A (in opt. efficiency)
I _{max}	1,5 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	8,27 kg
Weight including packaging	11,08 kg
Nominal size	400 mm
Width	580 mm
Height	580 mm
Depth	275 mm

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Width with packaging	615 mm
Height with packaging	615 mm
Depth with packaging	400 mm
Airstream temperature at nominal current	60 °C
Airstream temperature at I_{Max}	-20 °C up to 60 °C
Packing unit	1 piece
Range	C
GTIN (EAN)	4012799940098

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

Total efficiency η	30 %
Measurement category	A
Efficiency category	static
Efficiency level N	40,2
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.	0094.0009
P_{BEP} / Air volume $_{BEP}$ / $P_{fs, BEP}$	0,249 kW / 3.060 m ³ /h / 88 Pa
n_{BEP}	1.380 1/min
Specific ratio	≈ 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 $_{L_{WA7}}$	81 dB(A)

Sound power level in octave range

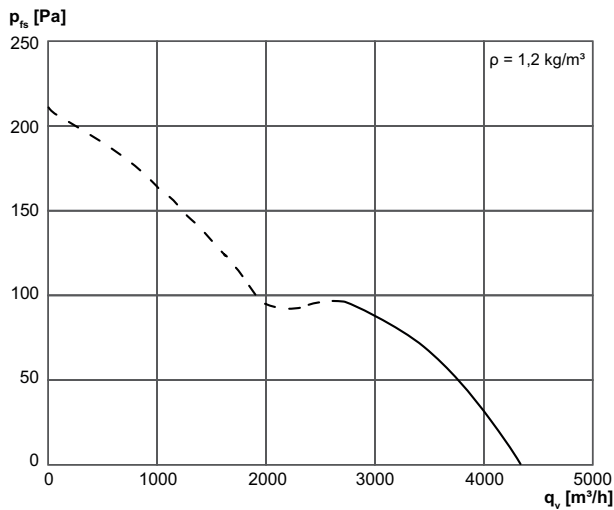
	63 Hz	125 Hz	250 Hz	500 Hz	1 kHz	2 kHz	4 kHz	8 kHz	Total
$L_{WA7, S1}$ (dB(A))	35	45	42	46	49	50	41	26	55
$L_{WA7, S2}$ (dB(A))	31	59	51	56	59	61	55	43	65
$L_{WA7, S3}$ (dB(A))	39	71	58	62	65	67	62	52	74
$L_{WA7, S4}$ (dB(A))	41	75	63	65	67	68	65	55	77
$L_{WA7, S5}$ (dB(A))	44	79	67	67	69	69	66	56	81
$L_{WA8, S1}$ (dB(A))	38	46	43	46	49	50	41	27	55

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	63 Hz	125 Hz	250 Hz	500 Hz	1 kHz	2 kHz	4 kHz	8 kHz	Total
L_{WA8, S2} (dB(A))	46	59	55	59	68	69	70	68	75
L_{WA8, S3} (dB(A))	54	72	65	67	72	73	74	72	80
L_{WA8, S4} (dB(A))	54	76	66	68	75	75	77	75	83
L_{WA8, S5} (dB(A))	55	80	69	70	76	77	79	76	85

L_{WA7}= housing and free inlet sound power level in dB.
 L_{WA8}= 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

