

DZS 40/2 B



Short description

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

Application examples

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

Article number 0094.0061

Technical data

Model	Steel wall ring
Air flow volume	8.920 m ³ /h
Air volume _{nom}	6.680 m ³ /h (in opt. efficiency)
Pressure p _{fs, nom}	360 Pa (in opt. efficiency)
Rotating speed n _{nom}	2.920 1/min (in opt. efficiency)
Rotating speed	2.949 1/min
Impeller type	axial
Speed controllable	–
Reversing capacity	✓
Type of voltage	Three-phase AC
Rated voltage	400 V
Frequency	50 Hz
Nominal output	1.550 W (in opt. efficiency)
I _{nom}	2,6 A (in opt. efficiency)
I _{max}	4,1 A
Degree of protection	IP 55
Insulation class	F
Pole-changeable	–
Mains cable	7 x 1,5 mm ²
Installation site	Wall / Ceiling
Type of installation	Surface-mounted
Installation position	horizontal / vertical
Material	Sheet steel, galvanised
Colour	Silver
Weight	19,52 kg
Weight including packaging	22,25 kg
Nominal size	400 mm
Width	580 mm
Height	580 mm

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Depth	345 mm
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)	4012799940616

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

Total efficiency η	43 %
Measurement category	A
Efficiency category	static
Efficiency level N	48,1
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.	0094.0061
P_{BEP} / Air volume $_{BEP}$ / $P_{fs, BEP}$	1,555 kW / 6.680 m ³ /h / 360 Pa
η_{BEP}	2.920 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}	94 dB(A)

Sound power level in octave range

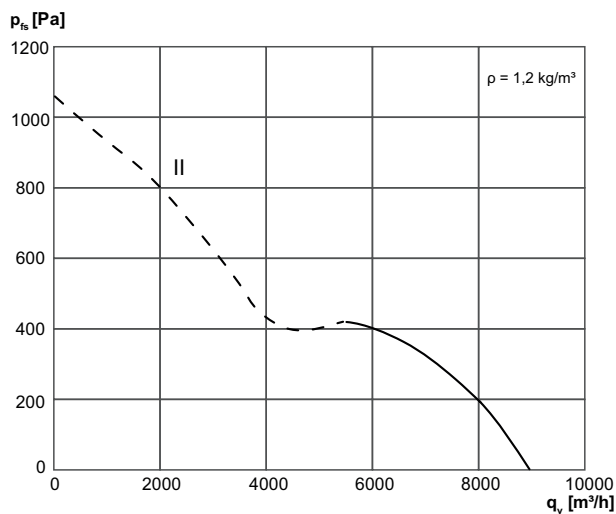
	63 Hz	125 Hz	250 Hz	500 Hz	1 kHz	2 kHz	4 kHz	8 kHz	Total
$L_{WA7, S5}$ (dB(A))	52	69	69	93	88	89	85	78	94
$L_{WA8, S5}$ (dB(A))	69	76	78	91	91	91	90	87	97

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

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

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Characteristic curve



Dimensioned drawing [mm]

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

