

# DZS 35/4 B



## Short description

Axial wall fan with steel wall ring, DN 350, three-phase AC

## Application examples

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

Article number 0094.0018

## Technical data

Model	Steel wall ring
Air flow volume	2.840 m³/h
Air volume <sub>nom</sub>	1.950 m³/h (in opt. efficiency)
Pressure p <sub>fs, nom</sub>	70 Pa (in opt. efficiency)
Rotating speed n <sub>nom</sub>	1.380 1/min (in opt. efficiency)
Rotating speed	1.410 1/min
Impeller type	axial
Speed controllable	✓
Reversing capacity	✓
Type of voltage	Three-phase AC
Rated voltage	400 V
Frequency	50 Hz
Nominal output	133 W (in opt. efficiency)
I <sub>nom</sub>	0,35 A (in opt. efficiency)
I <sub>max</sub>	0,4 A
Degree of protection	IP 55
Insulation class	B
Pole-changeable	–
Mains cable	7 x 1,5 mm²
Installation site	Wall / Ceiling
Type of installation	Surface-mounted
Installation position	horizontal / vertical
Material	Sheet steel, galvanised
Colour	Silver
Weight	6,55 kg
Weight including packaging	9,13 kg
Nominal size	350 mm
Width	525 mm
Height	525 mm

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Depth	248 mm
Width with packaging	615 mm
Height with packaging	615 mm
Depth with packaging	400 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)	4012799940180

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

Total efficiency $\eta$	28,5 %
Measurement category	A
Efficiency category	static
Efficiency level N	40,4
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.	0094.0018
$P_{BEP}$ / Air volume $_{BEP}$ / $P_{Is, BEP}$	0,133 kW / 1.950 m <sup>3</sup> /h / 70 Pa
$\eta_{BEP}$	1.380 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 $_{L_{WA7}}$	69 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))	–	–	–	–	–	–	–	–	53
$L_{WA7, S2}$ (dB(A))	–	–	–	–	–	–	–	–	61
$L_{WA7, S3}$ (dB(A))	–	–	–	–	–	–	–	–	65
$L_{WA7, S4}$ (dB(A))	–	–	–	–	–	–	–	–	67
$L_{WA7, S5}$ (dB(A))	30	43	56	61	63	65	61	50	69

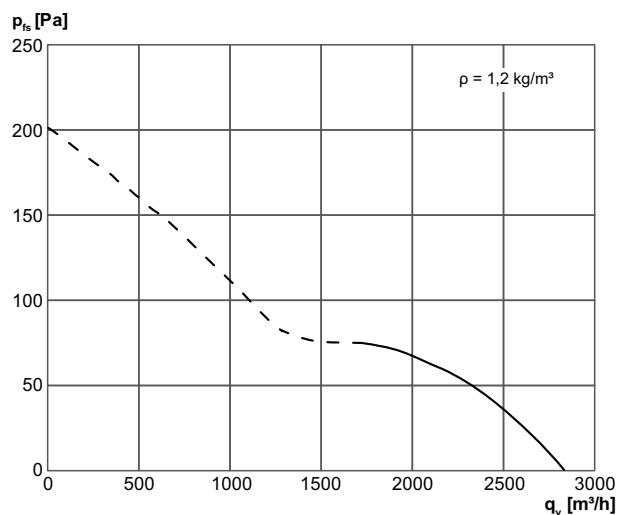
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	63 Hz	125 Hz	250 Hz	500 Hz	1 kHz	2 kHz	4 kHz	8 kHz	Total
$L_{WA8, S1}$ (dB(A))	51	57	61	64	70	71	72	70	60
$L_{WA8, S2}$ (dB(A))	—	—	—	—	—	—	—	—	74
$L_{WA8, S3}$ (dB(A))	—	—	—	—	—	—	—	—	76
$L_{WA8, S4}$ (dB(A))	—	—	—	—	—	—	—	—	77
$L_{WA8, S5}$ (dB(A))	—	—	—	—	—	—	—	—	77

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

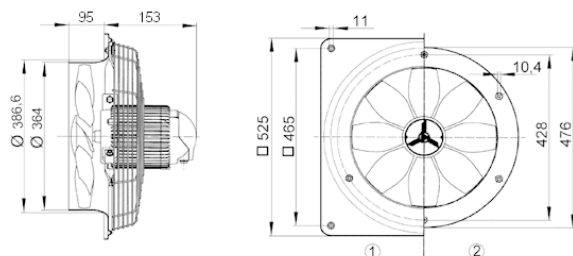
$L_{WA8}$  = housing and free outlet sound power level in dB.

### Characteristic curve



### Dimensioned drawing [mm]

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



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