

# DZQ 35/2 B



## Short description

Axial wall fan with square wall plate, DN 350, three-phase AC

## Application examples

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

Article number 0083.0060

## Technical data

Model	Square wall plate
Air flow volume	5.750 m <sup>3</sup> /h
Air volume <sub>nom</sub>	4.040 m <sup>3</sup> /h (in opt. efficiency)
Pressure p <sub>fs, nom</sub>	260 Pa (in opt. efficiency)
Rotating speed n <sub>nom</sub>	2.830 1/min (in opt. efficiency)
Rotating speed	2.889 1/min
Impeller type	axial
Speed controllable	✓
Reversing capacity	✓
Type of voltage	Three-phase AC
Rated voltage	400 V
Frequency	50 Hz
Nominal output	760 W (in opt. efficiency)
I <sub>nom</sub>	1,3 A (in opt. efficiency)
I <sub>max</sub>	1,9 A
Degree of protection	IP 55
Insulation class	F
Pole-changeable	–
Mains cable	7 x 1,5 mm <sup>2</sup>
Installation site	Wall / Ceiling
Type of installation	Surface-mounted
Installation position	horizontal / vertical
Material	Sheet steel, galvanised
Colour	Silver
Weight	13,04 kg
Weight including packaging	14,85 kg
Nominal size	350 mm
Width	525 mm
Height	525 mm

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Depth	283 mm
Width with packaging	540 mm
Height with packaging	540 mm
Depth with packaging	320 mm
Airstream temperature at nominal current	-20 °C up to 60 °C
Airstream temperature at I <sub>Max</sub>	-20 °C up to 60 °C
Packing unit	1 piece
Range	C
GTIN (EAN)	4012799830603

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

Total efficiency $\eta$	38,4 %
Measurement category	A
Efficiency category	static
Efficiency level N	45,5
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.	0083.0060
P <sub>BEP</sub> / Air volume <sub>BEP</sub> / P <sub>is, BEP</sub>	0,76 kW / 4.040 m <sup>3</sup> /h / 260 Pa
$\eta_{BEP}$	2.830 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 <sub>L<sub>WA7</sub></sub>	90 dB(A)

## Sound power level in octave range

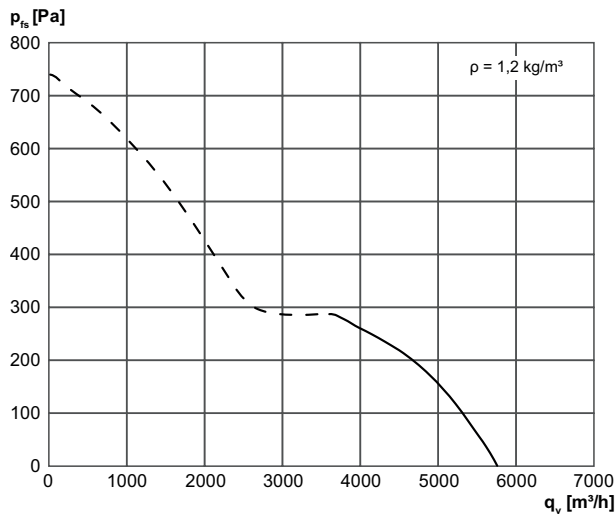
	63 Hz	125 Hz	250 Hz	500 Hz	1 kHz	2 kHz	4 kHz	8 kHz	Total
<b>L<sub>WA7, S1</sub></b> <b>(dB(A))</b>	-	-	-	-	-	-	-	-	80
<b>L<sub>WA7, S2</sub></b> <b>(dB(A))</b>	-	-	-	-	-	-	-	-	87
<b>L<sub>WA7, S3</sub></b> <b>(dB(A))</b>	-	-	-	-	-	-	-	-	89
<b>L<sub>WA7, S4</sub></b> <b>(dB(A))</b>	-	-	-	-	-	-	-	-	92
<b>L<sub>WA7, S5</sub></b> <b>(dB(A))</b>	50	60	68	90	87	87	82	75	93

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	63 Hz	125 Hz	250 Hz	500 Hz	1 kHz	2 kHz	4 kHz	8 kHz	Total
L <sub>WA8, S1</sub> (dB(A))	-	-	-	-	-	-	-	-	82
L <sub>WA8, S2</sub> (dB(A))	-	-	-	-	-	-	-	-	88
L <sub>WA8, S3</sub> (dB(A))	-	-	-	-	-	-	-	-	89
L <sub>WA8, S4</sub> (dB(A))	-	-	-	-	-	-	-	-	93
L <sub>WA8, S5</sub> (dB(A))	65	73	77	89	87	88	86	83	94

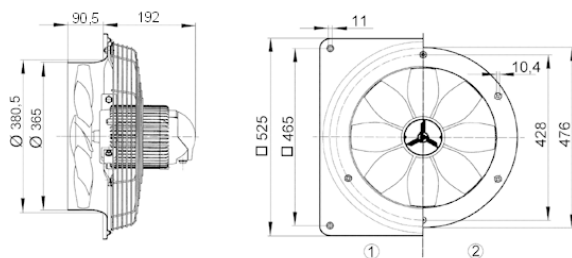
L<sub>WA7</sub>= housing and free inlet sound power level in dB.  
 L<sub>WA8</sub>= housing and free outlet sound power level in dB.

## Characteristic curve



## Dimensioned drawing [mm]

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



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