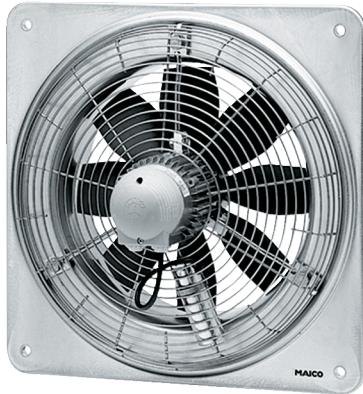


DZQ 25/42 B



Short description

Axial wall fan with square wall plate, DN 250, three-phase AC, pole-changeable

Application examples

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

Article number 0083.0142

Technical data

Model	Square wall plate
Air flow volume	1.050 m ³ /h / 2.190 m ³ /h
Air volume _{nom}	745 m ³ /h / 1.550 m ³ /h (in opt. efficiency)
Pressure p _{fs, nom}	35 Pa - 140 Pa (in opt. efficiency)
Rotating speed n _{nom}	1.430 1/min - 2.810 1/min (in opt. efficiency)
Rotating speed	1.450 1/min / 2.860 1/min
Impeller type	axial
Speed controllable	✓
Reversing capacity	✓
Type of voltage	Three-phase AC
Rated voltage	400 V
Frequency	50 Hz
Nominal output	38 W / 203 W (in opt. efficiency)
I _{nom}	0,1 A / 0,35 A (in opt. efficiency)
I _{max}	0,5 A
Degree of protection	IP 55
Insulation class	B
Pole-changeable	✓
Number of poles at high speed	2
Number of poles at low speed	4
Mains cable	5 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	6,05 kg
Weight including packaging	7 kg
Nominal size	250 mm

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Width	400 mm
Height	400 mm
Depth	239 mm
Width with packaging	420 mm
Height with packaging	420 mm
Depth with packaging	295 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)	4012799831426

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

Total efficiency η	29,7 %
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.	0083.0142
P _{BEP} / Air volume _{BEP} / P _{fs, BEP}	0,203 kW / 1.550 m ³ /h / 140 Pa
η_{BEP}	2.810 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}	63 dB(A) / 80 dB(A)

Sound power level in octave range

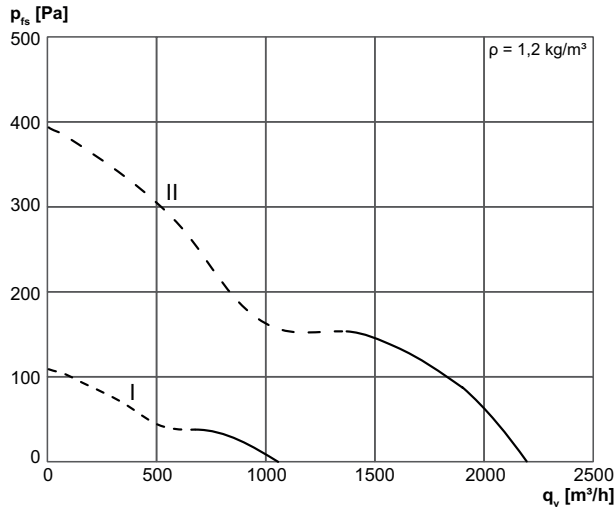
	63 Hz	125 Hz	250 Hz	500 Hz	1 kHz	2 kHz	4 kHz	8 kHz	Total
L _{WA7, low} (dB(A))	24	34	49	57	56	57	54	42	63
L _{WA7, high} (dB(A))	41	47	56	71	74	76	72	64	80
L _{WA8, low} (dB(A))	37	39	53	57	63	63	65	63	70
L _{WA8, high} (dB(A))	54	61	64	75	76	77	76	72	83

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

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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

