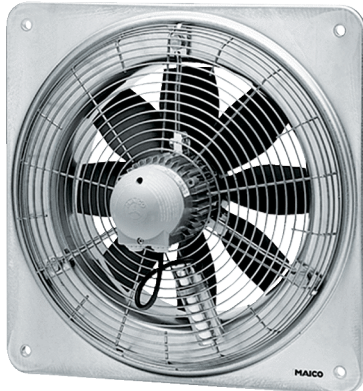


DZQ 40/42 B



Short description

Axial wall fan with square wall plate, DN 400, three-phase AC, pole-changeable

Application examples

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

Article number 0083.0067

Technical data

Model	Square wall plate
Air flow volume	4.490 m ³ /h / 8.960 m ³ /h
Air volume _{nom}	3.270 m ³ /h / 6.700 m ³ /h (in opt. efficiency)
Pressure p _{fs, nom}	95 Pa - 350 Pa (in opt. efficiency)
Rotating speed n _{nom}	1.480 1/min - 2.920 1/min (in opt. efficiency)
Rotating speed	1.518 1/min / 2.944 1/min
Impeller type	axial
Speed controllable	✓
Reversing capacity	✓
Type of voltage	Three-phase AC
Rated voltage	400 V
Frequency	50 Hz
Nominal output	245 W / 1.585 W (in opt. efficiency)
I _{nom}	0,75 A / 2,6 A (in opt. efficiency)
I _{max}	4,3 A
Degree of protection	IP 55
Insulation class	F
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	22,42 kg
Weight including packaging	25,42 kg
Nominal size	400 mm

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Width	580 mm
Height	580 mm
Depth	336 mm
Width with packaging	610 mm
Height with packaging	610 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)	4012799830672

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

Total efficiency η	41,1 %
Measurement category	A
Efficiency category	static
Efficiency level N	46,2
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.	0083.0067
P_{BEP} / Air volume $_{BEP}$ / $P_{fs, BEP}$	1,585 kW / 6.700 m ³ /h / 350 Pa
n_{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 $_{L_{WA7}}$	78 dB(A) / 94 dB(A)

Sound power level in octave range

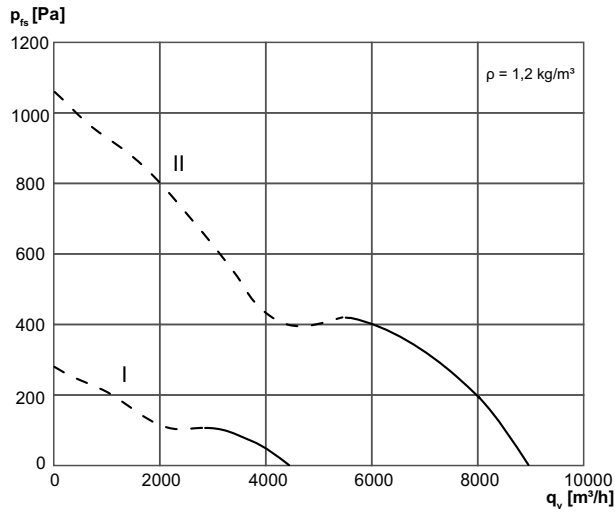
	63 Hz	125 Hz	250 Hz	500 Hz	1 kHz	2 kHz	4 kHz	8 kHz	Total
$L_{WA7, low}$ (dB(A))	34	49	68	73	72	72	67	58	78
$L_{WA7, high}$ (dB(A))	53	68	70	92	88	89	85	78	95
$L_{WA8, low}$ (dB(A))	52	60	70	71	73	74	74	70	80
$L_{WA8, high}$ (dB(A))	69	76	79	92	91	91	90	86	97

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

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L_{WAB} = 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

