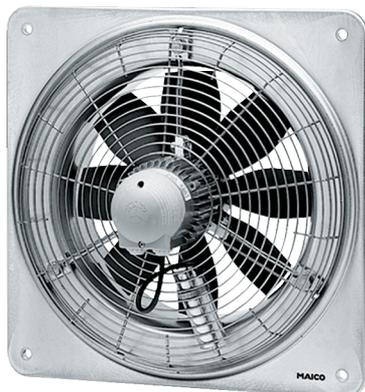


DZQ 35/42 B



Short description

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

Application examples

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

Article number 0083.0066

Technical data

Model	Square wall plate
Air flow volume	2.950 m ³ /h / 5.840 m ³ /h
Air volume _{nom}	1.990 m ³ /h / 4.250 m ³ /h (in opt. efficiency)
Pressure p _{fs, nom}	75 Pa - 255 Pa (in opt. efficiency)
Rotating speed n _{nom}	1.460 1/min - 2.830 1/min (in opt. efficiency)
Rotating speed	1.480 1/min / 2.927 1/min
Impeller type	axial
Speed controllable	✓
Reversing capacity	✓
Type of voltage	Three-phase AC
Rated voltage	400 V
Frequency	50 Hz
Nominal output	135 W / 810 W (in opt. efficiency)
I _{nom}	0,4 A / 1,4 A (in opt. efficiency)
I _{max}	2 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	12,67 kg
Weight including packaging	14,47 kg
Nominal size	350 mm

DZQ 35/42 B

Width	525 mm
Height	525 mm
Depth	283 mm
Width with packaging	540 mm
Height with packaging	540 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)	4012799830665

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

Total efficiency η	37,2 %
Measurement category	A
Efficiency category	static
Efficiency level N	44,1
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.	0083.0066
P _{BEP} / Air volume _{BEP} / P _{fs, BEP}	0,81 kW / 4.250 m ³ /h / 255 Pa
n_{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 L _{WA7}	73 dB(A) / 90 dB(A)

Sound power level in octave range

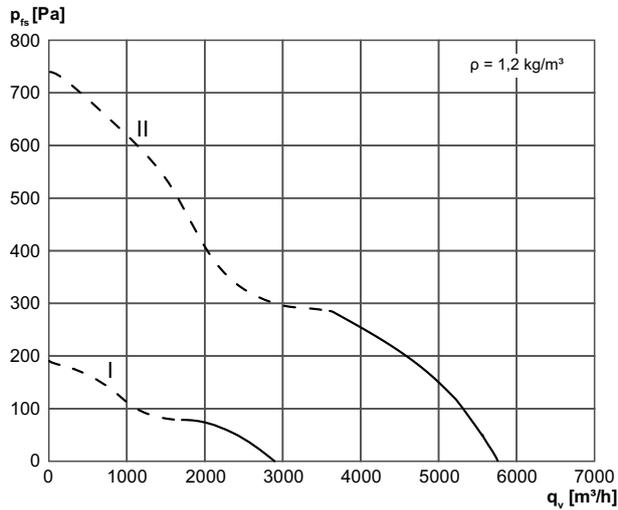
	63 Hz	125 Hz	250 Hz	500 Hz	1 kHz	2 kHz	4 kHz	8 kHz	Total
L_{WA7, low} (dB(A))	32	45	66	69	69	68	64	53	75
L_{WA7, high} (dB(A))	45	56	67	89	86	86	81	74	92
L_{WA8, low} (dB(A))	52	58	67	67	72	72	73	70	78
L_{WA8, high} (dB(A))	65	74	77	89	87	88	86	82	94

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

DZQ 35/42 B

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

