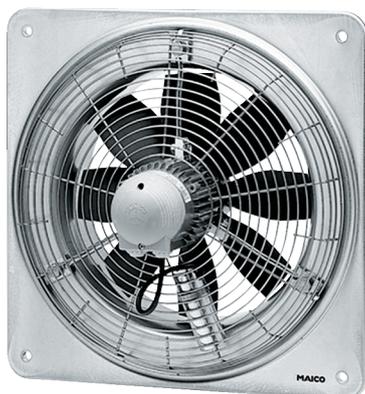


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Short description

Axial wall fan with square wall plate, DN 560, three-phase AC

Application examples

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

Article number 0083.0136

Technical data

Model	Square wall plate
Air flow volume	12.340 m ³ /h
Air volume _{nom}	8.430 m ³ /h (in opt. efficiency)
Pressure p _{fs, nom}	187 Pa (in opt. efficiency)
Rotating speed n _{nom}	1.390 1/min (in opt. efficiency)
Rotating speed	1.435 1/min
Impeller type	axial
Speed controllable	✓
Reversing capacity	✓
Type of voltage	Three-phase AC
Rated voltage	400 V
Frequency	50 Hz
Nominal output	1.170 W (in opt. efficiency)
I _{nom}	1,9 A (in opt. efficiency)
I _{max}	2,8 A
Degree of protection	IP 55
Insulation class	F
Pole-changeable	–
Mains cable	7 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	33,82 kg
Weight including packaging	39,38 kg
Nominal size	560 mm
Width	765 mm
Height	765 mm

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Depth	383 mm
Width with packaging	850 mm
Height with packaging	850 mm
Depth with packaging	435 mm
Airstream temperature at nominal current	-20 °C up to 80 °C
Airstream temperature at I _{Max}	-20 °C up to 60 °C
Packing unit	1 piece
Range	C
GTIN (EAN)	4012799831365

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

Total efficiency η	37,4 %
Measurement category	A
Efficiency category	static
Efficiency level N	43,3
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.	0083.0136
P _{BEP} / Air volume _{BEP} / P _{fs, BEP}	1,17 kW / 8.430 m ³ /h / 187 Pa
η_{BEP}	1.390 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}}	84 dB(A)

Sound power level in octave range

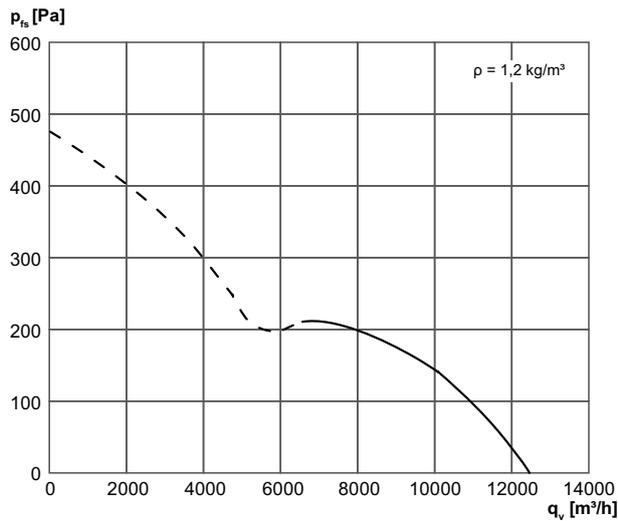
	63 Hz	125 Hz	250 Hz	500 Hz	1 kHz	2 kHz	4 kHz	8 kHz	Total
L_{WA7, S1} (dB(A))	-	-	-	-	-	-	-	-	63
L_{WA7, S2} (dB(A))	-	-	-	-	-	-	-	-	73
L_{WA7, S3} (dB(A))	-	-	-	-	-	-	-	-	78
L_{WA7, S4} (dB(A))	-	-	-	-	-	-	-	-	81
L_{WA7, S5} (dB(A))	42	57	71	77	79	80	75	65	84

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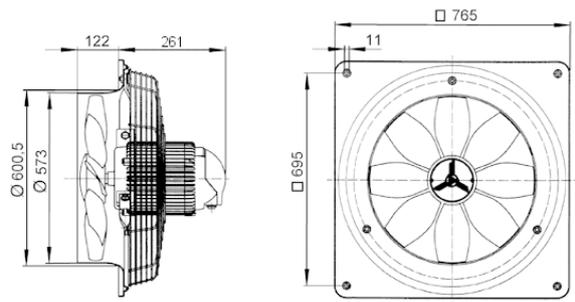
	63 Hz	125 Hz	250 Hz	500 Hz	1 kHz	2 kHz	4 kHz	8 kHz	Total
$L_{WA8, S1}$ (dB(A))	-	-	-	-	-	-	-	-	74
$L_{WA8, S2}$ (dB(A))	-	-	-	-	-	-	-	-	79
$L_{WA8, S3}$ (dB(A))	-	-	-	-	-	-	-	-	82
$L_{WA8, S4}$ (dB(A))	-	-	-	-	-	-	-	-	85
$L_{WA8, S5}$ (dB(A))	63	71	75	80	82	83	83	80	89

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]



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