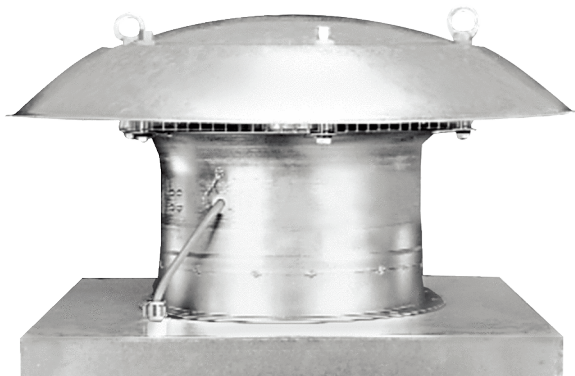


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Short description

Axial roof fan, horizontal air outlet, DN 250, three-phase AC

Application examples

Production facility, Workplace, Commercial premises, Restaurant, Showroom

Article number 0087.0213

Technical data

Air flow volume	1.840 m³/h
Air volume $q_{v, nom}$	1.100 m³/h (in opt. efficiency)
Pressure $p_{fs, nom}$	125 Pa (in opt. efficiency)
Rotating speed n_{nom}	2.830 1/min (in opt. efficiency)
Rotating speed	2.844 1/min
Impeller type	axial
Speed controllable	✓
Reversing capacity	✓
Type of voltage	Three-phase AC
Rated voltage	400 V
Frequency	50 Hz
Nominal output	170 W (in opt. efficiency)
I_{nom}	0,35 A (in opt. efficiency)
I_{max}	0,4 A
Degree of protection	IP 55
Insulation class	B
Mains cable	7 x 1,5 mm²
Installation site	Roof
Installation position	vertical
Material	Sheet steel, galvanised
Colour	Silver
Weight	14,19 kg
Weight including packaging	16,65 kg
Nominal size	250 mm
Width	570 mm
Height	570 mm
Depth	325 mm
Width with packaging	615 mm
Height with packaging	615 mm

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Depth with packaging	370 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)	4012799872139

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

Total efficiency η	29,2 %
Measurement category	C
Efficiency category	static
Efficiency level N	40,2
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.	0087.0213
P_{BEP} / Air volume $_{BEP}$ / $P_{fs, BEP}$	0,179 kW / 1.540 m ³ /h / 122 Pa
η_{BEP}	2.853 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	Calculation of energy efficiency without protective grille and roof cowl.
Sound power level L_{WA7}	91 dB(A)

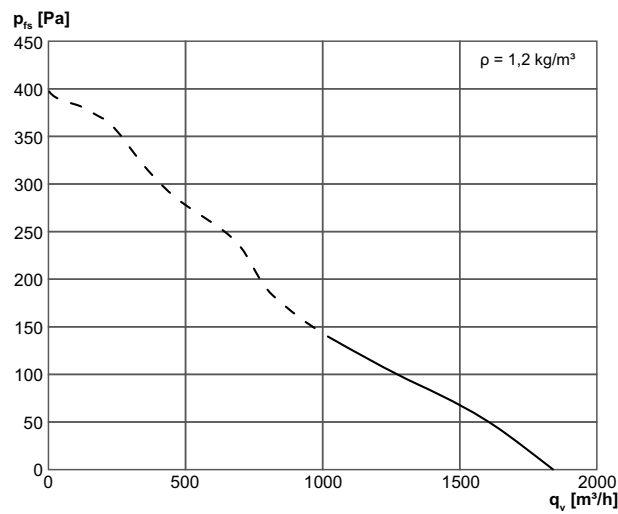
Sound power level in octave range

	63 Hz	125 Hz	250 Hz	500 Hz	1 kHz	2 kHz	4 kHz	8 kHz	Total
$L_{WA7, S5}$ (dB(A))	50	57	74	81	84	80	76	68	91

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

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Characteristic curve



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Dimensioned drawing [mm]

