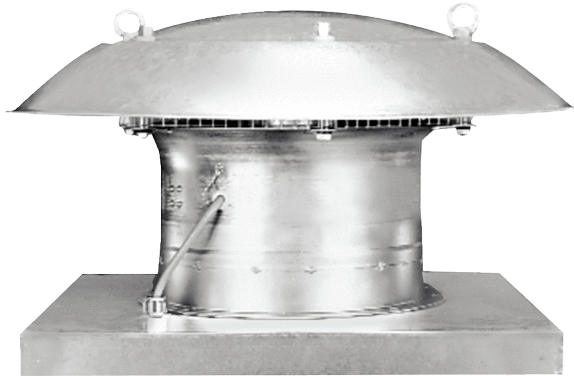


EZD 50/6 B



Short description

Axial roof fan, horizontal air outlet, DN 500, alternating current

Application examples

Production facility, Workplace, Commercial premises, Restaurant, Showroom

Article number 0087.0211

Technical data

Air flow volume	4.040 m ³ /h
Air volume $q_{v, nom}$	2.560 m ³ /h (in opt. efficiency)
Pressure $p_{fs, nom}$	55 Pa (in opt. efficiency)
Rotating speed n_{nom}	945 1/min (in opt. efficiency)
Rotating speed	947 1/min
Impeller type	axial
Speed controllable	✓
Reversing capacity	✓
Type of voltage	Alternating current
Rated voltage	230 V
Frequency	50 Hz
Nominal output	245 W (in opt. efficiency)
I_{nom}	1,1 A (in opt. efficiency)
I_{max}	1,3 A
Degree of protection	IP 55
Insulation class	B
Installation site	Roof
Installation position	vertical
Material	Sheet steel, galvanised
Colour	Silver
Weight	33 kg
Weight including packaging	40 kg
Nominal size	500 mm
Width	940 mm
Height	940 mm
Depth	420 mm
Width with packaging	941 mm
Height with packaging	941 mm
Depth with packaging	510 mm

EZD 50/6 B

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)	4012799872115

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

Total efficiency η	30,1 %
Measurement category	C
Efficiency category	static
Efficiency level N	40,3
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.	0087.0211
P_{BEP} / Air volume $_{BEP}$ / $P_{fs, BEP}$	0,245 kW / 4.350 m ³ /h / 61 Pa
n_{BEP}	945 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}	79 dB(A)

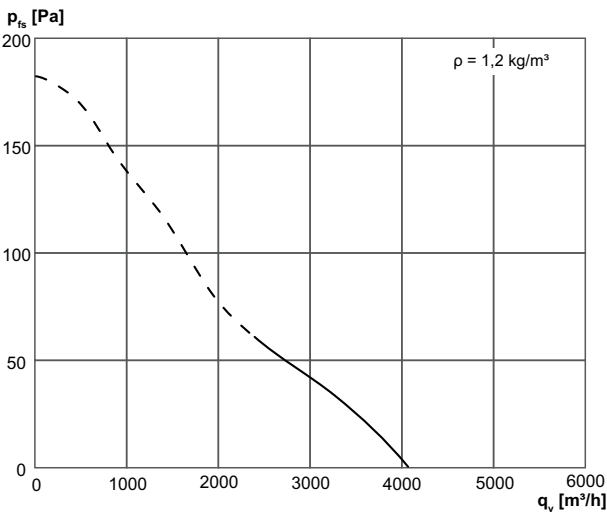
Sound power level in octave range

	63 Hz	125 Hz	250 Hz	500 Hz	1 kHz	2 kHz	4 kHz	8 kHz	Total
$L_{WA7, S5}$ (dB(A))	50	64	71	71	75	72	67	57	79

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

EZD 50/6 B

Characteristic curve



EZD 50/6 B

Dimensioned drawing [mm]

