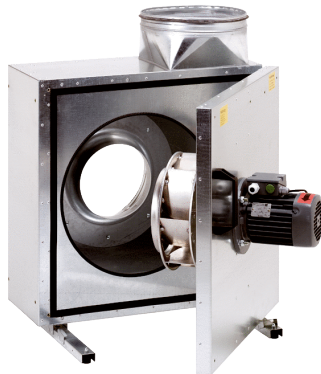


# EKR 20-3 EC



## Short description

Sound-insulated exhaust air box, DN 200, single-phase AC, EC technology

## Application examples

Extraction hood, Canteen kitchen, Workplace air extraction system

Article number 0080.0633

## Technical data

Air flow volume	2.200 m <sup>3</sup> /h
Rotating speed	4.000 1/min
Impeller type	radial
Air direction	Air extraction
Speed controllable	✓
Type of voltage	Alternating current
Rated voltage	230 V
Frequency	50 Hz
Nominal output	693 W
I <sub>max</sub>	3,2 A
Degree of protection	IP 54
Installation site	Wall / ceiling / Floor
Type of installation	Surface-mounted
Installation position	vertical / horizontal
Material	Sheet steel, galvanised
Colour	Silver
Weight	28 kg
Weight including packaging	33,43 kg
Connection diameter	200 mm
Nominal size	200 mm
Suitable for nominal size	200 mm
Length	492 mm
Width	492 mm
Height	574 mm
Depth	480 mm
Width with packaging	595 mm
Height with packaging	660 mm
Depth with packaging	590 mm
Airstream temperature at I <sub>Max</sub>	120 °C

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Ambient temperature	-20 °C up to 50 °C
Packing unit	1 piece
Range	E
GTIN (EAN)	4012799806332

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

Total efficiency $\eta$	63 %
Efficiency category	static
VSD necessary	Yes
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.	0080.0633
$P_{BEP}$ / Air volume $_{BEP}$ / $P_{fs, BEP}$	0,5 kW / 1.116 m <sup>3</sup> /h
$n_{BEP}$	12 1/min
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	see mounting instructions
$P_f, BEP$	858 Pa
Sound power level $L_{WA7}$	80 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
$L_{WA2}$ (dB(A))	–	–	–	–	–	–	–	–	80
$L_{WA5}$ (dB(A))	–	–	–	–	–	–	–	–	85
$L_{WA6}$ (dB(A))	–	–	–	–	–	–	–	–	85

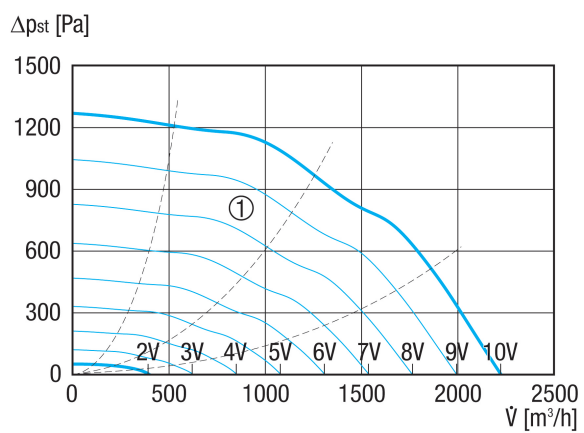
$L_{WA2}$ = housing sound power level in dB.

$L_{WA5}$ = free inlet sound power level in dB.

$L_{WA6}$ = free outlet sound power level in dB.

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## Characteristic curve



① Auxiliary characteristics for control voltage 3–10 V

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Dimensioned drawing [mm]

