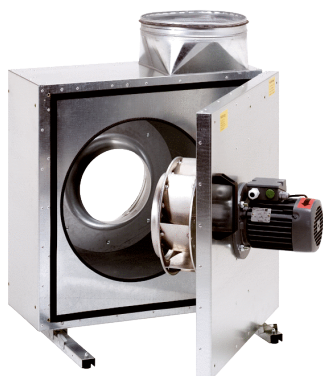


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Short description

Sound-insulated exhaust air box, DN 315, alternating current

Application examples

Extraction hood, Canteen kitchen, Workplace air extraction system, Machine extraction unit

Article number 0080.0884

Technical data

Air flow volume	3.400 m ³ /h
Air volume _{nom}	1.934 m ³ /h (in opt. efficiency)
Pressure p _{fs, nom}	716 Pa (in opt. efficiency)
Rotating speed n _{nom}	2.723 1/min (in opt. efficiency)
Rotating speed	2.890 1/min
Speed controllable	✓
Type of voltage	Alternating current
Rated voltage	230 V
Frequency	50 Hz
Nominal output	722 W (in opt. efficiency)
I _{nom}	3,2 A (in opt. efficiency)
I _{max}	4,1 A
Degree of protection	IP X4
Insulation class	F
Mains cable	5 x 1,5 mm ²
Installation position	vertical / horizontal
Material	Sheet steel, galvanised
Housing material	Sheet steel, galvanised
Colour	Silver
Weight	40,89 kg
Weight including packaging	51 kg
Swivelling fan	✓
Nominal size	315 mm
Width	692 mm
Height	692 mm
Depth	568 mm
Width with packaging	740 mm
Height with packaging	700 mm
Depth with packaging	780 mm

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Airstream temperature at I_{Max}	-20 °C up to 120 °C
Ambient temperature	80 °C
Packing unit	1 piece
Range	C
GTIN (EAN)	4012799808848

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

Total efficiency η	50,8 %
Measurement category	A
Efficiency category	static
Efficiency level N	62,9
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.	0080.0884
P_{BEP} / Air volume $_{BEP}$ / $P_{fs, BEP}$	0,709 kW / 1.934 m ³ /h / 716 Pa
n_{BEP}	2.723 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	-
I_{BEP}	3,1 A
Sound power level $_{L_{WA5}}$	80 dB(A)

Sound power level in octave range

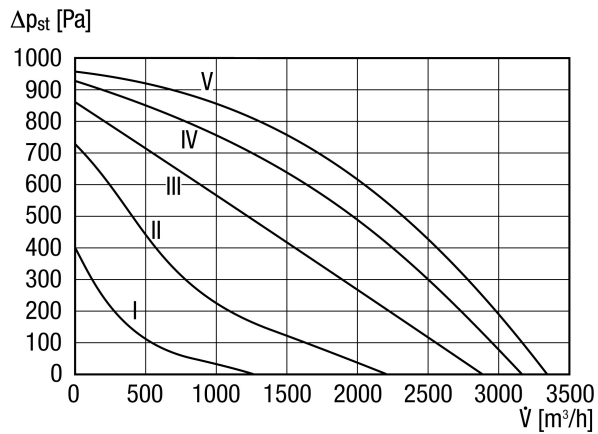
	63 Hz	125 Hz	250 Hz	500 Hz	1 kHz	2 kHz	4 kHz	8 kHz	Total
$L_{WA2, S1}$ (dB(A))	44	48	46	45	47	51	40	31	55
$L_{WA2, S2}$ (dB(A))	49	55	59	57	59	59	54	48	65
$L_{WA2, S3}$ (dB(A))	48	57	65	60	64	64	60	54	70
$L_{WA2, S4}$ (dB(A))	51	59	67	61	67	65	62	56	72
$L_{WA2, S5}$ (dB(A))	56	59	69	63	72	67	63	58	75
$L_{WA5, S1}$ (dB(A))	33	52	52	59	55	59	58	44	64
$L_{WA5, S2}$ (dB(A))	44	58	65	71	68	67	67	64	76

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	63 Hz	125 Hz	250 Hz	500 Hz	1 kHz	2 kHz	4 kHz	8 kHz	Total
L_{WA5}, S3 (dB(A))	48	64	72	76	74	72	71	67	81
L_{WA5}, S4 (dB(A))	48	66	74	78	76	74	72	68	82
L_{WA5}, S5 (dB(A))	54	66	76	80	78	75	74	70	85
L_{WA6}, S1 (dB(A))	61	74	79	78	79	79	75	69	86
L_{WA6}, S2 (dB(A))	59	72	78	75	77	77	74	68	84
L_{WA6}, S3 (dB(A))	57	65	75	74	77	77	75	70	83
L_{WA6}, S4 (dB(A))	56	65	78	78	81	80	77	72	86
L_{WA6}, S5 (dB(A))	56	65	82	80	83	82	79	75	89

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.

Characteristic curve



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Dimensioned drawing [mm]

