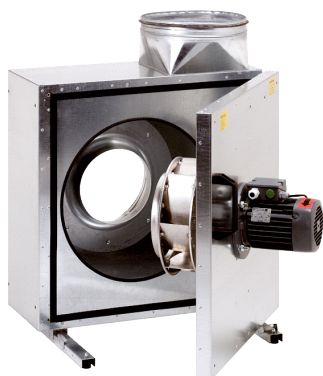


# EKR 25



## Short description

Sound-insulated ventilation box, DN 250, single-phase AC

## Application examples

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

Article number 0080.0920

## Technical data

Air flow volume	2.500 m <sup>3</sup> /h
Rotating speed	2.755 1/min
Speed controllable	✓
Type of voltage	Alternating current
Frequency	50 Hz
Nominal output	750 W
I <sub>nom</sub>	3,1 A
I <sub>max</sub>	4,3 A
Degree of protection	IP X4
Insulation class	F
Mains cable	5 x 1,5 mm <sup>2</sup>
Housing material	Sheet steel, galvanised
Weight	52 kg
Weight including packaging	50 kg
Swivelling fan	✓
Nominal size	250 mm
Width with packaging	795 mm
Height with packaging	740 mm
Depth with packaging	675 mm
Airstream temperature at nominal current	-20 °C up to 120 °C
Airstream temperature at I <sub>Max</sub>	-20 °C up to 120 °C
Ambient temperature	50 °C
Packing unit	1 piece
Range	C
GTIN (EAN)	4012799809203

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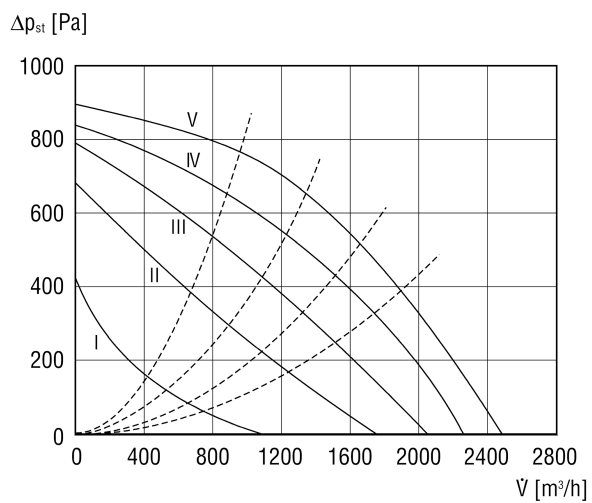
## Sound power level in octave range

	63 Hz	125 Hz	250 Hz	500 Hz	1 kHz	2 kHz	4 kHz	8 kHz	Total
<b>L<sub>WA2</sub>, S1</b> <b>(dB(A))</b>	–	32	33	29	29	36	28	23	40
<b>L<sub>WA2</sub>, S2</b> <b>(dB(A))</b>	–	41	42	44	45	48	42	33	52
<b>L<sub>WA2</sub>, S3</b> <b>(dB(A))</b>	–	53	52	48	53	55	50	42	60
<b>L<sub>WA2</sub>, S4</b> <b>(dB(A))</b>	–	51	50	52	56	58	53	46	62
<b>L<sub>WA2</sub>, S5</b> <b>(dB(A))</b>	–	50	53	54	59	60	55	49	64
<b>L<sub>WA5</sub>, S1</b> <b>(dB(A))</b>	–	41	44	48	43	44	39	32	52
<b>L<sub>WA5</sub>, S2</b> <b>(dB(A))</b>	–	57	63	71	65	65	63	57	74
<b>L<sub>WA5</sub>, S3</b> <b>(dB(A))</b>	–	58	66	75	69	68	66	61	78
<b>L<sub>WA5</sub>, S4</b> <b>(dB(A))</b>	–	58	67	76	70	70	68	62	79
<b>L<sub>WA5</sub>, S5</b> <b>(dB(A))</b>	–	59	68	76	71	70	68	63	79
<b>L<sub>WA6</sub>, S1</b> <b>(dB(A))</b>	–	40	43	45	45	47	39	32	52
<b>L<sub>WA6</sub>, S2</b> <b>(dB(A))</b>	–	51	56	60	60	62	57	51	67
<b>L<sub>WA6</sub>, S3</b> <b>(dB(A))</b>	–	60	62	68	68	69	65	60	74
<b>L<sub>WA6</sub>, S4</b> <b>(dB(A))</b>	–	61	64	72	71	72	68	63	78
<b>L<sub>WA6</sub>, S5</b> <b>(dB(A))</b>	–	63	66	74	74	75	70	66	80

L<sub>WA2</sub>= housing sound power level in dB.  
 L<sub>WA5</sub>= free inlet sound power level in dB.  
 L<sub>WA6</sub>= free outlet sound power level in dB.

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## Characteristic curve



## Dimensioned drawing [mm]

