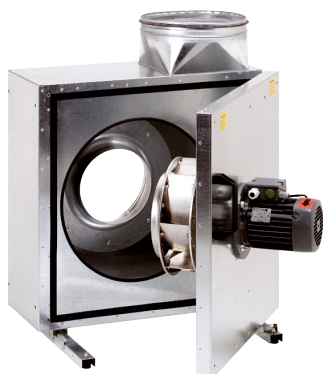


# EKR 31



## Short description

Sound-insulated ventilation box, DN 315, single-phase AC

## Application examples

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

Article number 0080.0921

## Technical data

Air flow volume	3.650 m <sup>3</sup> /h
Rotating speed	2.755 1/min
Speed controllable	✓
Type of voltage	Alternating current
Frequency	50 Hz
Nominal output	880 W
I <sub>nom</sub>	4 A
I <sub>max</sub>	4,7 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	65 kg
Weight including packaging	62 kg
Swivelling fan	✓
Nominal size	315 mm
Width with packaging	890 mm
Height with packaging	800 mm
Depth with packaging	765 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)	4012799809210

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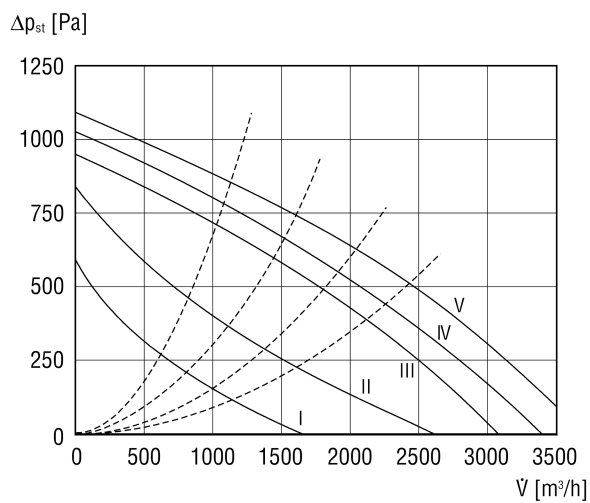
Sound power level in octave range

	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>	–	37	43	38	33	37	34	28	46
<b>L<sub>WA2</sub>, S2</b> <b>(dB(A))</b>	–	49	47	49	45	48	44	35	55
<b>L<sub>WA2</sub>, S3</b> <b>(dB(A))</b>	–	53	57	49	54	54	50	44	61
<b>L<sub>WA2</sub>, S4</b> <b>(dB(A))</b>	–	56	58	52	56	58	54	47	64
<b>L<sub>WA2</sub>, S5</b> <b>(dB(A))</b>	–	56	59	53	62	64	58	50	68
<b>L<sub>WA5</sub>, S1</b> <b>(dB(A))</b>	–	48	52	53	48	52	48	34	59
<b>L<sub>WA5</sub>, S2</b> <b>(dB(A))</b>	–	62	65	67	60	60	60	53	71
<b>L<sub>WA5</sub>, S3</b> <b>(dB(A))</b>	–	62	74	72	68	67	66	62	78
<b>L<sub>WA5</sub>, S4</b> <b>(dB(A))</b>	–	64	77	76	70	71	69	65	81
<b>L<sub>WA5</sub>, S5</b> <b>(dB(A))</b>	–	64	79	78	73	73	72	67	83
<b>L<sub>WA6</sub>, S1</b> <b>(dB(A))</b>	–	48	49	50	52	52	45	33	58
<b>L<sub>WA6</sub>, S2</b> <b>(dB(A))</b>	–	57	62	64	64	64	60	52	70
<b>L<sub>WA6</sub>, S3</b> <b>(dB(A))</b>	–	63	71	68	71	71	67	61	77
<b>L<sub>WA6</sub>, S4</b> <b>(dB(A))</b>	–	66	76	72	74	74	69	64	81
<b>L<sub>WA6</sub>, S5</b> <b>(dB(A))</b>	–	67	77	73	76	72	72	66	82

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]

