

# ESR 40-2



## Short description

Sound-insulated ventilation box, DN 400, alternating current

## Application examples

Commercial premises, Showroom, Office, Changing room, Foreman's office

Article number 0080.0616

## Technical data

Air flow volume	2.500 m <sup>3</sup> /h
Rotating speed	1.200 1/min
Speed controllable	✓
Type of voltage	Alternating current
Rated voltage	230 V
Nominal output	980 W
I <sub>nom</sub>	3 A
I <sub>max</sub>	4,7 A
Degree of protection	IP X4
Insulation class	F
Housing material	Sheet steel, galvanised
Weight	44 kg
Weight including packaging	46,88 kg
Nominal size	400 mm
Width with packaging	825 mm
Height with packaging	525 mm
Depth with packaging	695 mm
Airstream temperature at nominal current	-20 °C up to 50 °C
Airstream temperature at I <sub>Max</sub>	-20 °C up to 50 °C
Packing unit	1 piece
Range	C
GTIN (EAN)	4012799806165

## Sound power level in octave range

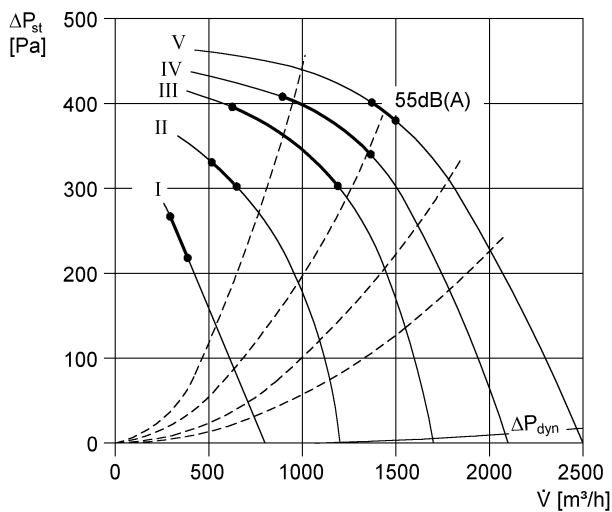
	63 Hz	125 Hz	250 Hz	500 Hz	1 kHz	2 kHz	4 kHz	8 kHz	Total
<b>L<sub>WA2, S5</sub></b> <b>(dB(A))</b>	–	56	54	45	39	37	35	30	58

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	63 Hz	125 Hz	250 Hz	500 Hz	1 kHz	2 kHz	4 kHz	8 kHz	Total
<b>L<sub>WA5, S1</sub></b> <b>(dB(A))</b>	–	46	40	32	36	34	29	19	48
<b>L<sub>WA5, S2</sub></b> <b>(dB(A))</b>	–	53	48	41	44	46	43	41	56
<b>L<sub>WA5, S3</sub></b> <b>(dB(A))</b>	–	55	55	48	53	54	54	44	61
<b>L<sub>WA5, S4</sub></b> <b>(dB(A))</b>	–	60	60	52	58	58	58	59	66
<b>L<sub>WA5, S5</sub></b> <b>(dB(A))</b>	–	60	65	69	69	67	66	57	71
<b>L<sub>WA6, S1</sub></b> <b>(dB(A))</b>	–	42	46	50	50	47	42	28	55
<b>L<sub>WA6, S2</sub></b> <b>(dB(A))</b>	–	53	54	61	59	58	56	45	65
<b>L<sub>WA6, S3</sub></b> <b>(dB(A))</b>	–	58	62	69	68	66	66	58	74
<b>L<sub>WA6, S4</sub></b> <b>(dB(A))</b>	–	64	67	73	74	71	71	64	79
<b>L<sub>WA6, S5</sub></b> <b>(dB(A))</b>	–	70	73	76	79	76	75	69	84

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.

## Characteristic curve



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Dimensioned drawing [mm]

