

# ESR 40/1



## Short description

Sound-insulated ventilation box, DN 400, single-phase AC

Article number 0080.0287

## Technical data

Air flow volume	2.500 m <sup>3</sup> /h
Rotating speed	1.200 1/min
Speed controllable	–
Nominal output	585 W
I <sub>nom</sub>	3 A
I <sub>max</sub>	3 A
Degree of protection	IP X4
Insulation class	F
Weight	40,14
Nominal size	400 mm
Airstream temperature at I <sub>Max</sub>	50 °C
Packing unit	1 piece
Range	C
GTIN (EAN)	4012799802877

## Sound power level in octave range

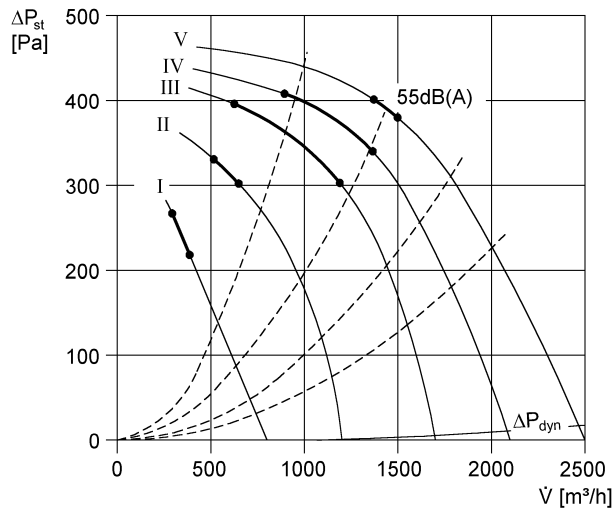
	63 Hz	125 Hz	250 Hz	500 Hz	1 kHz	2 kHz	4 kHz	8 kHz	Total
L <sub>WA2, S5</sub> (dB(A))	–	56	54	45	39	37	35	30	58
L <sub>WA5, S1</sub> (dB(A))	–	46	40	32	36	34	29	19	48
L <sub>WA5, S2</sub> (dB(A))	–	53	48	41	44	46	43	41	56
L <sub>WA5, S3</sub> (dB(A))	–	55	55	48	53	54	54	44	61
L <sub>WA5, S4</sub> (dB(A))	–	60	60	52	58	58	58	59	66

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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, 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]

