

# ESR 31-2



## Short description

Sound-insulated ventilation box, DN 315, alternating current

## Application examples

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

Article number 0080.0614

## Technical data

Air flow volume	2.000 m <sup>3</sup> /h (Required Delta p <sub>st</sub> min = 100 Pa)
Rotating speed	1.940 1/min
Speed controllable	✓
Type of voltage	Alternating current
Rated voltage	230 V
Nominal output	520 W
I <sub>nom</sub>	2,4 A
I <sub>max</sub>	2,7 A
Degree of protection	IP X4
Insulation class	F
Housing material	Sheet steel, galvanised
Weight	24,8 kg
Nominal size	315 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)	4012799806141

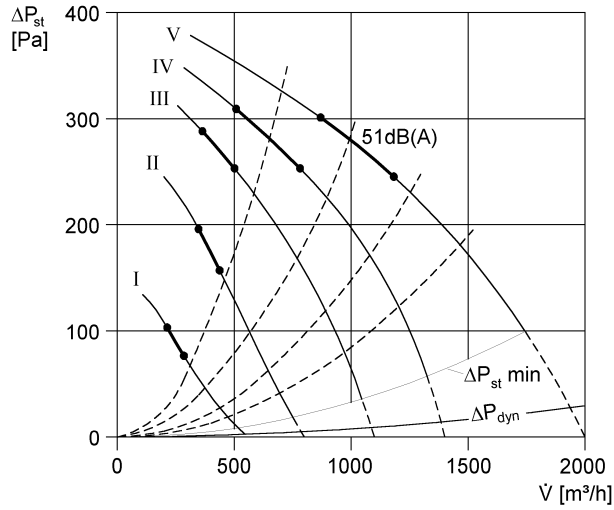
## Sound power level in octave range

	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>	–	49	43	43	38	34	37	33	51
<b>L<sub>WA5, S5</sub></b> <b>(dB(A))</b>	–	54	56	54	55	54	56	51	63
<b>L<sub>WA6, S5</sub></b> <b>(dB(A))</b>	–	54	60	64	72	71	71	67	77

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$L_{WA2}$ = 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]

