

# ESR 16-2 S



## Short description

Sound-insulated ventilation box with swivelling fan, DN 160, alternating current

## Application examples

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

Article number 0080.0618

## Technical data

|   |                         |
|---|-------------------------|
| Air flow volume                           | 550 m <sup>3</sup> /h   |
| Rotating speed                            | 2.530 1/min             |
| Speed controllable                        | ✓                       |
| Type of voltage                           | Alternating current     |
| Rated voltage                             | 230 V                   |
| Nominal output                            | 95 W                    |
| I <sub>nom</sub>                          | 0,41 A                  |
| I <sub>max</sub>                          | 0,5 A                   |
| Degree of protection                      | IP X4                   |
| Housing material                          | Sheet steel, galvanised |
| Weight                                    | 17,9                    |
| Weight including packaging                | 19,54 kg                |
| Swivelling fan                            | ✓                       |
| Nominal size                              | 160 mm                  |
| Width with packaging                      | 495 mm                  |
| Height with packaging                     | 320 mm                  |
| Depth with packaging                      | 635 mm                  |
| Airstream temperature at nominal current  | -20 °C up to 80 °C      |
| Airstream temperature at I <sub>Max</sub> | 80 °C                   |
| Ambient temperature                       | -20 °C up to 80 °C      |
| Packing unit                              | 1 piece                 |
| Range                                     | C                       |
| GTIN (EAN)                                | 4012799806189           |

## Sound power level in octave range

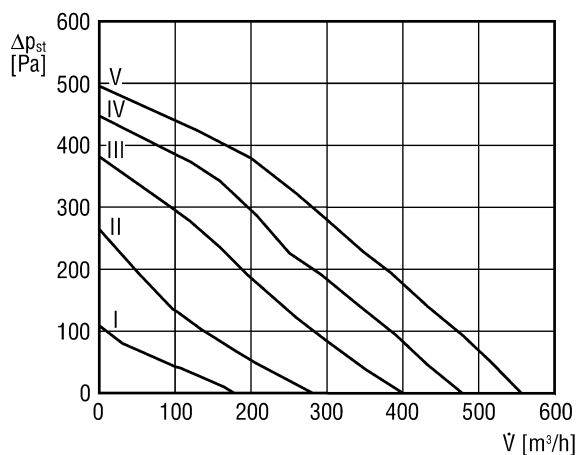
|  | 63 Hz | 125 Hz | 250 Hz | 500 Hz | 1 kHz | 2 kHz | 4 kHz | 8 kHz | Total |
|--|-------|--------|--------|--------|-------|-------|-------|-------|-------|
| <b>L<sub>WA5, S5</sub></b><br><b>(dB(A))</b> | –     | 40     | 49     | 49     | 41    | 40    | 38    | 28    | 53    |

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|--|-------|--------|--------|--------|-------|-------|-------|-------|-------|
| <b>L<sub>WA6, S5</sub></b><br><b>(dB(A))</b> | –     | 50     | 58     | 67     | 65    | 62    | 58    | 45    | 70    |
| <b>L<sub>WA2, S5</sub></b><br><b>(dB(A))</b> | –     | 43     | 45     | 49     | 34    | 29    | 27    | 21    | 51    |

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]

