

ESR 25-2



Short description

Sound-insulated ventilation box, DN 250, alternating current

Article number 0080.0059

Technical data

| | |
|------------------------------------|-------------------------|
| Air flow volume | 1.100 m³/h |
| Speed controllable | ✓ |
| Type of voltage | Alternating current |
| Rated voltage | 230 V |
| Nominal output | 290 W |
| I_{nom} | 0,9 A |
| I_{max} | 1,3 A |
| Degree of protection | IP 44 |
| Insulation class | F |
| Installation position | vertical / horizontal |
| Housing material | Sheet steel, galvanised |
| Weight including packaging | 21,076 kg |
| Nominal size | 250 mm |
| Width | 480 mm |
| Height | 285 mm |
| Depth | 580 mm |
| Width with packaging | 620 mm |
| Height with packaging | 325 mm |
| Depth with packaging | 500 mm |
| Airstream temperature at I_{Max} | -20 °C up to 50 °C |
| Packing unit | 1 piece |
| Range | C |
| GTIN (EAN) | 4012799800590 |

Sound power level in octave range

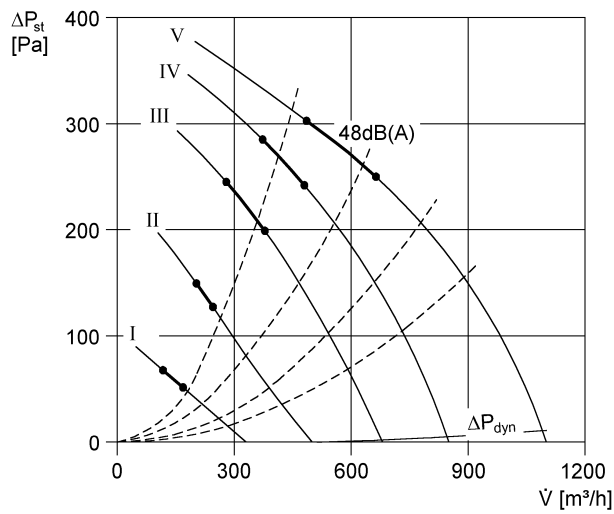
| | 63 Hz | 125 Hz | 250 Hz | 500 Hz | 1 kHz | 2 kHz | 4 kHz | 8 kHz | Total |
|--|-------|--------|--------|--------|-------|-------|-------|-------|-------|
| L_{WA2, S5} (dB(A)) | – | 46 | 41 | 39 | 34 | 31 | 36 | 33 | 48 |

ESR 25-2

| | 63 Hz | 125 Hz | 250 Hz | 500 Hz | 1 kHz | 2 kHz | 4 kHz | 8 kHz | Total |
|--|-------|--------|--------|--------|-------|-------|-------|-------|-------|
| L_{WA5, S5} (dB(A)) | – | 55 | 54 | 50 | 46 | 48 | 51 | 46 | 60 |
| L_{WA6, S5} (dB(A)) | – | 55 | 59 | 63 | 69 | 68 | 67 | 63 | 74 |

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



ESR 25-2

Dimensioned drawing [mm]

