

# 100 VKO1 turbo



Axial inline fans, for exhaust or supply ventilation

- Maximum airflow: 137
- Sound pressure level LpA at 3 m: 37
- Motor type: AC
- Casing material: Plastic

|   | Unit of measurement     | 100 VKO1 turbo |
|---|-------------------------|----------------|
| Connected air duct size                     | mm                      | 100            |
| Speed                                       | -                       | 1              |
| Minimum supply voltage                      | V                       | 220            |
| Maximum supply voltage                      | V                       | 240            |
| Power supply frequency                      | Hz                      | 50/60          |
| Rated power                                 | W                       | 16             |
| Unit current                                | A                       | 0.1            |
| Maximum airflow                             | m <sup>3</sup> /h       | 137            |
| Sound pressure level LpA at 3 m             | dB(A)                   | 37             |
| Weight                                      | kg                      | 0.49           |
| Ambient air temperature min                 | °C                      | 1              |
| Ambient air temperature max                 | °C                      | 40             |
| Ingress protection rating                   | -                       | IPX4           |
| ErP compliance                              | -                       | 2016           |
| Cold - Specific energy consumption (SEC)    | kWh/(m <sup>2</sup> /a) | 31             |
| SEC Class Cold                              | -                       | B              |
| Average - Specific energy consumption (SEC) | kWh/(m <sup>2</sup> /a) | 15             |
| SEC Class Average                           | -                       | E              |
| Warm - Specific energy consumption (SEC)    | kWh/(m <sup>2</sup> /a) | 5              |
| SEC Class Warm                              | -                       | F              |
| Unit category                               | -                       | RVU            |

|  |                       |                |
|--|-----------------------|----------------|
| Type of ventilation unit                           | -                     | Unidirectional |
| Type of drive installed                            | -                     | Multi-speed    |
| Type of heat recovery system                       | -                     | None           |
| Maximum flow rate                                  | m <sup>3</sup> /h     | 137            |
| Electric power input                               | W                     | 16             |
| Reference flow rate                                | m <sup>3</sup> /s     | 0.027          |
| Specific power input (SPI)                         | W/(m <sup>3</sup> /h) | 0.075          |
| Control typology                                   | -                     | Manual control |
| Maximum external leakage rates                     | %                     | 2.7            |
| Cold - The annual electricity consumption (AEC)    | kWh/a                 | 100            |
| Average - The annual electricity consumption (AEC) | kWh/a                 | 100            |
| Warm - Jährlicher Stromverbrauch (JSV)             | kWh/a                 | 100            |
| Cold - The annual heating saved (AHS)              | kWh/a                 | 3400           |
| The annual heating saved (AHS) Average             | kWh/a                 | 1700           |
| The annual heating saved (AHS) Warm                | kWh/a                 | 800            |
| Declared typology                                  | -                     | RVU UVU        |
| Sound power level                                  | dB(A)                 | 57             |

## Dimensions

| ØD  | Ød | L   | L1 |
|-----|----|-----|----|
| 100 | 59 | 100 | 10 |

