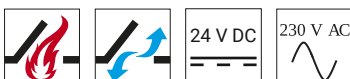


# SDS 2-DU-24V-Set



## Performance features

- + For opening and closing skylights for natural ventilation and smoke ventilation applications
- + System consisting of drive unit and skylight-specific installation set
- + With BSY+ motor and synchronised electronics controlled via microprocessor
- + Service life inspected with at least 20000 opening cycles for ventilation and an additional 1000 opening cycles for smoke ventilation in accordance with EN 12101-2
- + Optimal aerodynamic values by quick opening to 172°
- + Power transmission structurally optimised, therefore minimum strain on ventilator frame and hinges
- + High type of protection for drive unit; can therefore also be used under difficult ambient conditions
- + Quick installation and easy handling thanks to modules pre-installed at the factory
- + Installation sets available for many skylights

# Technical data

## Specification per drive unit

### SDS 2-DU-24V-Set

|                              |                              |
|------------------------------|------------------------------|
| <b>Supply</b>                | 24 V DC / $\pm 15\%$ / 4 A   |
| <b>Force of pressure</b>     | 3000 N                       |
| <b>Tensile force</b>         | 3000 N                       |
| <b>Nominal locking force</b> | 2200 N                       |
| <b>Service life</b>          | 20000 double strokes         |
| <b>OPEN running speed</b>    | 7.1 mm/s                     |
| <b>CLOSED running speed</b>  | 7.1 mm/s                     |
| <b>Wind load class</b>       | 1500 Pa * **                 |
| <b>Snow load class</b>       | 500 Pa * **                  |
| <b>Type of protection</b>    | IP 64                        |
| <b>Temperature range</b>     | -5 °C ... +75 °C             |
| <b>Fire resistance</b>       | B300 (30 min / 300 °C)       |
| <b>Connection</b>            | 2.5 m silicone cable         |
| <b>Weight</b>                | 36 kg                        |
| <b>Remark</b>                | 2 installation sets required |
| <b>Art. No.</b>              | 27.900.03                    |

\* In accordance with EN 12101-2 (inspected with various manufacturers)

\*\* Values for dome size 2.25 m<sup>2</sup>. Change proportional for deviating dome sizes with compatible domes.

# Example of application

