



Performance features

- + For opening and closing skylights for ventilation and smoke extraction applications up to an opening angle of 170°
- + Outstandingly quiet drive for convenient daily ventilation
- + Up to 2200 N of max. system load (skylight incl. snow load) thanks to optional power pack
- + Maximum coupling weight of 90 kg (max. opening angle of 120°)
- + Electronic system for SA and SZ signalling that can have modules added to it, BSY+ (synchronous operation of 2 systems) and interface to the ACB Gateway
- + Maximum opening angle can be adjusted using D+H SCS software
- + SDS 3-1000 basic system for flexible use in a skylight at an installation clearance dimension of 1000 mm - 1200 mm
- + Emergency unlocking already integrated in basic system
- + System that can be expanded using modules with customer-specific installation sets and dimensions (up to 2 m)
- + Easy installation thanks to pre-installation of the brackets and convenient mounting from above
- + Mechanical locking mechanism for increased wind loads and burglary protection incl. emergency unlocking (optional)

Technical data

SDS 3-1000-1

Supply	24 V DC / $\pm 15\%$ / 4 A
Max. OPENING force incl. snow load	2200 N
Max. CLOSING force	500 N
Nominal locking force on the lift arm	3400 N *
Service life	11000 double strokes **
OPEN running speed	60 s
CLOSED running speed	60 s
Wind load class	1500 Pa ** ***
Snow load class	750 Pa ** ***
Type of protection	IP 54
Temperature range	(-25 °C ****) -5 °C ... +75 °C
Fire resistance	B300 (30 min / 300 °C)
Connection	Electronic box, screw terminals
Weight	18.5 kg
Art. No.	27.903.02

* Force at the outer edge of the skylight depends on the skylight dimensions

** Developed in accordance with EN 12101-2

*** Values for skylight size of 2.25 m² (1.5 m x 1.5 m) at a skylight weight of 50 kg.

The value changes in proportion to changes in the skylight size and weight.

The skylight must be suitable for the loads.

**** On request

Dimensions

All specifications in mm

