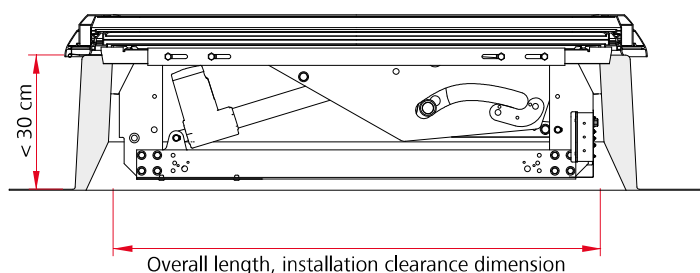


Dimensions



Technical data

	SDS 3-0800-1	SDS 3-1000-1	SDS 3-0800-5	SDS 3-1000-5
Supply	24 V DC / ±15 % / 5 A		230 V AC / +10 % ... -15 % / 140 VA	
Max. OPENING force incl. snow load	1980 N	2200 N	1980 N	2200 N
Max. CLOSING force (from 170°)	450 N	500 N	450 N	500 N
Nominal locking force on the lift arm	3000 N *	3400 N *	3000 N *	3400 N *
Service life	11000 double strokes			
OPEN running speed	170° / 60 s			
CLOSED running speed	170° / 60 s			
Wind load class	1500 Pa ** ***			
Snow load class	750 Pa ** ***			
Type of protection	IP 54			
Temperature range	-5 °C ... +75 °C			
Fire resistance	B300 (30 min / 300 °C)			
Connection	Electronic box, screw terminals			

* 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.

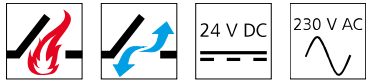
The value changes in proportion to changes in the skylight size and weight.

The skylights must be suitable for the loads.

Design

Type	Art. No.	Weight
SDS 3-0800-1	27.903.01	18.00 kg
SDS 3-1000-1	27.903.02	18.00 kg
SDS 3-0800-5	27.903.03	18.50 kg
SDS 3-1000-5	27.903.04	18.50 kg

SDS 3



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 3000 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
- » Basic systems available at lengths of 0.8 m and 1 m, installable in skylights with an installation clearance dimension of 0.8 m or more
- » System that can be expanded using modules with customer-specific installation sets and dimensions (up to 1.5 m; 1.5 m - 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)