

**1 D+H Mechatronic (english)****1.1 SDS 3****1.1.1 Skylight system - SDS 3-1000-1****24 V DC****Performance features:**

For opening and closing skylights for ventilation and smoke extraction applications;  
Service life inspected with at least 10000 opening cycles for ventilation and an additional 1000 opening cycles for smoke extraction in accordance with EN 12101-2;  
Flexible Installation for an clearance dimension of 1000 mm - 1200 mm;  
Incl. emergency unlocking;  
Optimal aerodynamic values by quick opening to 170°;  
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;  
Expandable with signal module and BSY+ module;  
Power supply for 230 V AC also expandable;  
Extension-Kit for 2000 mm available;

**Technical data:**

Operating voltage: 24 V DC /  $\pm 15\%$   
Current consumption: 4 A  
Force of pressure: 2200 N  
Tensile force: 500 N  
Nominal locking force: 3400 N  
Service life: > 10000 double strokes  
OPEN running speed: 170° / 60s  
CLOSE running speed : 170° / 60s  
Wind load class: 1500 Pa \* \*\*  
Snow load class: 750 Pa \* \*\*  
Type of protection: IP 54  
Temperature range: (- 25 °C \*\*\* -5 °C till +75 °C  
Fire resistance: B300 (30 min / 300 °C)

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

\*\* Values for skylight size of 2.25 m<sup>2</sup> (1.5 m x 1.5 m) at a skylight weight of 50 kg.

Change proportional for deviating dome sizes with compatible domes.

\*\*\* on request

Brand: D+H Mechatronic AG

Type: SDS 3-1000-1

[Planning Support](#)

**Artikelnr.:** 27.903.02

**Quantity:** ..... **Stk**    **Preis:** ..... **€**    **TP:** ..... **€**