

- 1 **D+H Mechatronic (english)**
- 1.1 **SDS 2**
- 1.1.1 **Skylight system - SDS-2-DU-24V**

#### **24 V DC / Special production according to customer requirements**

##### **Performance features:**

For opening and closing skylights for ventilation and smoke extraction 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 extraction 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:**

Operating voltage: 24 V DC /  $\pm 15\%$   
Current consumption: 4 A  
Force of pressure: 3000 N  
Tensile force: 3000 N  
Nominal locking force: 2200 N  
Service life: > 10000 double strokes  
OPEN running speed: 7.1 mm/s  
OPEN running speed : 7.1 mm/s  
Wind load class: 1500 Pa \* \*\*  
Snow load class: 500 Pa \* \*\*  
Type of protection: IP 64  
Temperature range: -5 °C bis +75 °C  
Fire resistance: B300 (30 min / 300 °C)  
Connection: 2.5 m silicone cable

\* 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.

Brand: D+H Mechatronic AG

Type: SDS-2-DU-24V

#### [Planning Support](#)

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