

- 1 **D+H Mechatronic (english)**
- 1.1 **SDS 2**
- 1.1.1 **Skylight system - SDS-2-DU-230V-Set**

### **230 V AC / Special production according to customer requirements**

#### **Performance features:**

For opening and closing skylights for ventilation and smoke extraction applications;  
System consisting of 2 drive units and 2 skylight-specific installation sets;  
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;  
Direct control via 230 V AC;

#### **Technical data:**

(per drive unit

Operating voltage: 230 V AC / +10/-15 %

Performance: 110 W /145 VA

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

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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 m². Change proportional for deviating dome sizes with compatible domes.

Brand: D+H Mechatronic AG

Type: SDS-2-DU-230V-Set

#### [Planning Support](#)

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