

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 m² (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](#)

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