

- 1 D+H Mechatronic (english)**
- 1.1 SHD Series - Drives**
- 1.1.1 BSY+ side-hung vent drive - SHD 54/450-BSY+ (M2)**

24 V DC / 1 A / 500 N / 450 mm stroke

Performance features:

Electromotive drive unit for opening and closing of side-hung vent windows;
The drive is equipped with motor electronics controlled via microprocessor;
Drive functions and performance features are individually programmable;
Can be used for openings for smoke exhaust; D+H Euro SHEV in accordance with EN 12101-2;
and for daily ventilation;
Particularly quiet drive in daily ventilation mode;
For sash sizes up to 1.2 x 2 m;
Opening the windows to 65° in less than 30 sec.;
Electronic limit stop and overload cut-off;
With integrated force and position control;
Special chain stabilisation;
Locking mechanism for the window in conjunction with window locking drive (optional);

Technical data:

Operating voltage: 24 V DC / $\pm 15\%$
Current consumption: 1 A
Duty cycle: 30 % (ON: 3 min. / OFF: 7 min.)
Configuration: Main 2
Force of pressure: 500 N
Tensile force: 500 N
Service life: 20000 double strokes
Stroke length: 450 mm
OPEN running speed: 11.8 mm/s.
OPEN running speed - SHEV: 15.2 mm/s
CLOSED running speed: 11.8 mm/s
Type of protection: IP 50
Emission sound pressure level: $L_p A \leq 70$ dB(A)
Temperature range: -15 °C (-5 °C *) till +75 °C
Fire resistance: B300 (30 min / 300 °C)
Housing: Aluminium
Surface: Powder-coated
Colour: White aluminium (~ RAL 9006)
Connection: 2.5 m silicone cable
Dimensions (WxHxD): 500 x 40 x 115 mm

* In accordance with VdS 2580

Scope of supply:

Drive unit with 2.5 m silicone connection cable, incl. bracket set, instruction for use

Brand: D+H Mechatronic AG
Type: SHD 54/450-BSY+ Set

[Planning Support](#)

Artikelnr.: 23.050.81

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

