

- 1 **D+H Mechatronic (english)**
- 1.1 **KA Series - BSY+ drives**
- 1.1.1 **BSY+ chain drive set - KA 34/800-BSY+ Set**

24 V DC / 2x 1 A / 2x 300 N / 800 mm stroke

Performance features:

2 electromotive drive units, as a set, for mounting on the window frame profile or sash profile. Drive for electromotive opening and closing of windows and flaps with high weights. The drive is equipped with microprocessor-controlled motor and synchronous electronic BSY+ for a precise synchronous running at a window element. Drive functions and performance features are individually programmable via the D+H software SCS. Can be used for openings for smoke exhaust; D+H Euro SHEV in accordance with EN 12101-2; and for daily ventilation. High-speed function (HS) for especially fast opening windows in case of fire (SHEV). Particularly quiet function in ventilation mode. Multi-stage anti-trap protection system regularly on board and via D+H software adjustable. In order to reduce the permanent load on the gasket, a relief of pressure on window gasket is performed after the elements have been closed. Power supply and BSY+ signals can be looped through the drives. The power supply can be connected either from left or right.

Technical data:

(per drive)

Operating voltage: 24 V DC / $\pm 15\%$

Current consumption: 1 A

Duty cycle: 30 % (ON: 3 min. / OFF: 7 min.)

Force of pressure: 300 N (note pressure load diagram)

+ 20 % cut-off reserve (temporary)

Tensile force: 300 N

Nominal locking force **: Max. 2600 N (2000 N ***)

Service life: 20000 double strokes *

Stroke length: 800 mm

OPEN running speed: 11.8 mm/s

OPEN running speed - SHEV: 12.2 mm/s

CLOSED running speed: 11.8 mm/s

Type of protection: IP 32

Emission sound pressure level: $L_pA \leq 70$ 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): 646 x 40 x 59 mm

* For vertical use, please consult with D+H Sales!

** Depending on the mounting

*** In accordance with VdS 2580

Scope of supply:

2 drive units with 2.5 m silicone connection cable, instruction for use

Brand: D+H Mechatronic AG

Type: KA 34/800-BSY+ Set

[Planning Support](#)

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