

- 1 **D+H Mechatronic (english)**
- 1.1 **KA Series - BSY+ drives**
- 1.1.1 **BSY+ chain drive set - KA-K-BSY+ Set - freely configurable**

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

#### **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. 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. Direct control via 230 V AC.

#### **Technical data:**

(per drive)

Operating voltage: 230 V AC / +10/-15 % / 50 Hz

Performance:

45 W / 75 VA (KA 34)

75 W / 115 VA (KA 54)

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

Configuration: **Main or Sub**

Design: **Right or Left**

Force of pressure:

300 N (KA 34)

500 N (KA 54)

(note pressure load diagram)

+ 20 % cut-off reserve (temporary)

Tensile force:

300 N (KA 34)

500 N (KA 54)

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

Service life: 20000 double strokes \*

Stroke length: **350 mm - 1300 mm**

OPEN running speed: 11.8 mm/s

OPEN running speed - SHEV:

12.2 mm/s (KA 34)

13.3 mm/s (KA 54)

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: **on request**

Colour: **on request**

Connection: Silicone cable

Dimensions (WxHxD): **560-1041 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 silicone connection cable, instruction for use

Brand: D+H Mechatronic AG

Type: KA-K-BSY+ Set

*The D+H partner on site is at your disposal for design variants.*

[Planning Support](#)

**Artikelnr.:** 26.007.00

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