

# 1 D+H Mechatronic AG

## Company Information

D+H Mechatronic AG

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## 1.1 KA Series - Drives

### 1.1.1 Chain drive - KA 34/500-K



#### 230 V AC / 40 VA / 300 N / 500 mm stroke

##### Performance features:

Electromotive drive unit for mounting on the window frame profile or sash profile. Drive for electromotive opening and closing of windows and flaps. The drive is equipped with motor electronics controlled via microprocessor. Drive functions and performance features are pre-installed at the factory (according to customer specification). Passive and active anti-trap protection system comes standard and can be set via the D+H software SCS. 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. Particularly quiet function in daily ventilation mode. Direct control via 230 V AC.

##### Technical data:

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

Performance: 24 W / 40 VA

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: 500 mm

OPEN running speed: 12.1 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

Housing: Aluminium

Surface: Powder-coated

Colour: White aluminium (~ RAL 9006)

Connection: 2.5 m silicone cable

Dimensions (WxHxD): 635 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:**

Drive unit with 2.5 m silicone connection cable, instruction for use

Brand: D+H Mechatronic AG

Type: KA 34/500-K

<https://www.dh-partner.com/en/service/planning-support.html>

**Article number:** 26.005.15

**Quantity:** ..... pcs    **UP:** .....    **TP:** .....