

- 1 **D+H Mechatronic (english)**
- 1.1 **ZA Series - Drives**
- 1.1.1 **Rack and pinion drive - ZA 105/500-K**

230 V AC / 30 VA / 1000 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, flaps and skylights. Can be used for openings for smoke exhaust; D+H Euro SHEV in accordance with EN 12101-2; and for daily ventilation. Direct control via 230 V AC. Particularly quiet daily ventilation mode. Electronic limit stop and overload cut-off protect the element and the drive from damage. The power supply can be connected either from below or above. The drive unit can also be changed from left to right

Technical data:

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

Performance: 27 W / 30 VA

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

Force of pressure: 1000 N (note pressure load diagram)

+ 20 % cut-off reserve (temporary)

Tensile force: 1000 N

Nominal locking force **: Max. 1400 N (1100 N ***)

Service life: > 20000 double strokes *

Stroke: 500 mm

OPEN running speed: 10 mm/s

CLOSED running speed: 10 mm/s

Type of protection: IP 65

Emission sound pressure level: $L_pA \leq 51$ dB(A)

Temperature range: -15 °C (-5 °C ***) till +75 °C

Fire resistance: B300 (30 min / 300 °C)

Opening mechanic: Stainless steel rack (V2A), maintenance -free

Housing tube: Aluminium, powder-coated, white aluminium (~ RAL 9006)

Housing motor: Polycarbonate, grey (~ RAL 7035)

Connection: 2.5 m silicone cable

Dimensions (WxHxD):

Tube 662 x 30 x 30 mm

Housing motor 160 x 104 x 46 mm

Re = 1000 double strokes

Le = 20000 double strokes *

* 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, eyebolt (6 mm eye), instruction for use

Brand: D+H Mechatronic AG

Type: ZA 105/500-K

[Planning Support](#)

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Quantity: Stk Preis: € TP: €

