KA Series   Chain drives

D+H

KA 34

24 V DC

The KA 34 SHEV chain drive with 300 N of force is suitable for mounted installation. Can be used nearly anywhere thanks to a variety of bracket solutions.

Performance features

+ Can be used for openings for smoke exhaust; D+H Euro SHEV in accordance with EN 12101-2; and for daily ventilation

+ With motor electronics controlled via microprocessor

+ High-speed function (HS) for especially fast opening windows in case of fire (SHEV)

+ Special chain stabilisation

+ Pressure applications up to 700 mm, application tension stroke lengths >1000 mm possible

+ Relief of pressure on window gasket after closing process

+ Programmable drive functions and different drive parameters

+ Running speed in CLOSED direction decreases to 5 mm/s (passive closing edge protection)

+ Time-controlled reversing when an obstacle is detected in the CLOSED direction (active closing edge protection)

Approvals / Certificates

Find out about permission details from your D+H Partner.

VdS
G 503007

DEKRA
5014068.18005-1

EN 12101-2

Article also available with the following permissions under other article numbers. Technical data may deviate.

CNBOP-PIB

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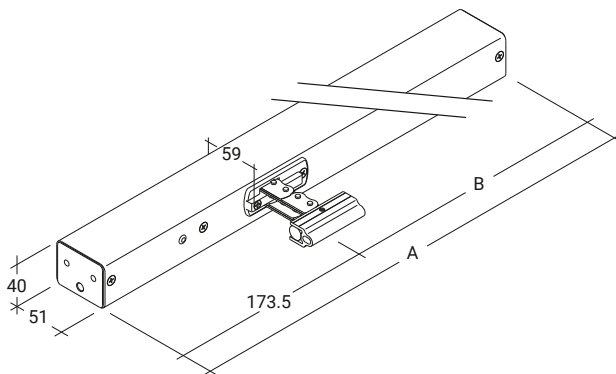# Technical data

	KA 34
Supply	24 V DC / ±15 % / 1 A
Duty cycle	30 % (ON: 3 min. / OFF: 7 min.)
Force of pressure	300 N
Tensile force	300 N
Nominal locking force **	Max. 2600 N (2000 N ***)
Service life	20000 double strokes *
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	LpA ≤ 70 dB(A)
Temperature range	-15 °C (-5 °C ***) … +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
Art. No.	26.000.00

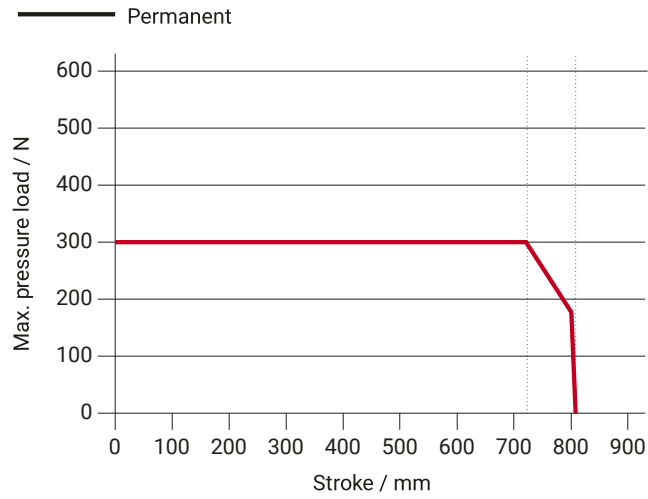* For vertical use, please consult with D+H Sales!

** Depending on the mounting, *** in accordance with VdS 2580

Dimensions

All specifications in mm

Pressure load diagram

Legend: ▬▬ Permanent

Y-axis: Max. pressure load / N (0, 100, 200, 300, 400, 500, 600)

X-axis: Stroke / mm (0, 100, 200, 300, 400, 500, 600, 700, 800, 900)

Possible applications

- **+** Mounted installation
- **+** Frame mounting
- **+** Sash mounting

- **+** Application force
- **+** Application tension