

PLP chain drive - freely configurable - KA-PLP**24 V DC / Special production according to customer requirements****Performance features:**

Electromotive drive unit for mounted installation on the window frame profile or sash profile.

Drive for electromotive opening and closing of windows and flaps.

The drive is equipped with microprocessor-controlled motor electronic.

Drive functions and different drive parameters are individually programmable via Powerline (PLP) and 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).

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.

The power supply can be connected either from left or right.

Extension functions:

Option "CP" - Customized drive function programming, e.g. operation speed, force and stroke

Option "HP" - Stroke programming

Option "LS" - Low-speed programming in CLOSE direction 5 mm/s

Option "SBD/SBU" - Corrosion protected, hardened steel chain in side bow design for low sash heights

Option "SA" - End position message "switch OPEN"

Option "SZ" - End position message "switch CLOSED"

Option "SA-SZ" - End position message "switch OPEN" und "switch CLOSED"

Option "special colour" - Colour coating for perfect integration into façade optics according to RAL, DB, NCS

Technical data:

Supply: 24 V DC / $\pm 15\%$

Current consumption:

1 A (KA 34)

1.4 A (KA 54)

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

Force of pressure:

300 N (KA 34)

500 N (KA 54)

Cut-off reserve: +20% (short-term)

Tensile force:

300 N (KA 34)

500 N (KA 54)

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

Service life: 20000 double strokes *

Stroke: 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: $L_p \leq 70$ dB(A)

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

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

Housing: Aluminium

Colour: Special colour according to RAL/DB/NCS

Connection: Silicone cable

W x H x D: 421-902 (stroke-dependent) 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 silicone connection cable, instruction for use

Brand: D+H

Type: KA-PLP

Art. No.: 26.000.00

Quantity: pcs **Price:** EUR **TP:** EUR

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

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

Important information:

This product description does not constitute a tender. The responsibility for compliance with public procurement law requirements lies with the tendering planner or architect.

Installation and commissioning in accordance with the manufacturer's instructions.

Subject to technical changes.