PLP rack and pinion drive - freely configurable - ZA-1-PLP

24 V DC / Special production according to customer requirements

Performance features:
Electromotive drive unit for opening and closing of windows, flaps and skylights.
The drive is equipped with microprocessor-controlled motor electronic.
Programmable drive functions (stroke limitation, force, speed) and performance features on site 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.
Particularly quiet drive in ventilation mode due to reduced running speed.
Electronic limit stop and overload cut-off protect the element and the drive unit from damage.
The power supply can be connected either from below or above.
The drive unit can also be changed from left to right. **Extension functions:**
Option "HS" - High-Speed option for SHEV application possible
Option "OT" - Reduced swivel range by omitting the tube
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 "W" - Weatherproof for outdoor use
Option "WS" - Swimming pool protected for use in swimming pools
Option "special colour" - Colour coating for perfect integration into façade optics according to RAL, DB, NCS

Technical data:
Supply: 24 V DC / ±15 %
Current consumption:
0.5 A (ZA-0300-1-PLP) (1.2 A with HS)
1 A (ZA-0800-1-PLP) (2 A with HS)
1.2 A (ZA-1000-1-PLP) (2.2 A with HS)
1.4 A (ZA-1500-1-PLP) (2.5 A with HS)
Duty cycle: 30 % (ON: 3 min. / OFF: 7 min.)
Force of pressure:
300 N (ZA-0300-1-PLP)
800 N (ZA-0800-1-PLP)
1000 N (ZA-1000-1-PLP)
1500 N (ZA-1500-1-PLP)
Cut-off reserve: +20% (short-term)
Tensile force:
300 N (ZA-0300-1-PLP)
800 N (ZA-0800-1-PLP)
1000 N (ZA-1000-1-PLP)
1000 N (ZA-1500-1-PLP)
Nominal locking force **: Max. 1400 N (1100 N ***)
Service life: > 20000 double strokes *
Stroke: 100 mm - 1500 mm
OPEN running speed: 7.1 mm/s
OPEN running speed - SHEV: 8 mm/s
OPEN running speed - HS: 17 mm/
CLOSED running speed: 7.1 mm/s
Type of protection: IP65
Emission sound pressure level:
LpA ≤ 51 dB(A)
LpA ≤ 60.5 dB(A) (with HS)
Temperature range: -15 °C (-5 °C ***) till +75 °C
Fire resistance: B300 (30 min / 300 °C)
Housing: Aluminium / Polycarbonate
Colour: Special colour according to RAL/DB/NCS
Connection: Silicone cable
W x H x D:
Tube 225-1662 (stroke-dependent) x 30 x 30 mm
Housing Motor (based on tube) 160 x 104 x 46 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: ZA-1-PLP
Art. No.: 27.005.00

Quantity: ..... psc Price: ..... GBP TP: ..... GBP

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

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.