



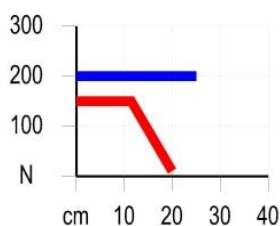
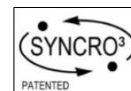
KIMO 202 | Chain actuator 200N

A flush-mounted electric chain actuator for awning windows and hopper windows. KIMO 202 is NEKOS's answer to demands for concealed installations inside window frames with ever smaller profiles.

- KIMO 202 is a latest generation actuator equipped with a microprocessor to manage all its innovative functions. Exceptional technical features allow high performances to a such a small actuator.
- The actuator is already integrated with implemented synchronization (Syncro³ - Patent) which permits to design systems up to eight actuators without any control unit, as a simple dip-switch selection activates the synchronization.
- Three strokes immediately and easily selectable through dip-switch. Progressive starting ramp and overload protection over the entire stroke.
- Relax function, with release of tension on mechanical parts after each stop by power absorption.
- Designed to be silent and with small dimension for minimum environmental impact thanks also to the patented three-link chain produced by Nekos in its plant.
- Flush-mounted window brackets allow the motor to be inspected, even if the window is closed or during a power outage.
- Sturdy structure made of high strength composite material with fiberglass. Kimo 202 is the smallest actuator for windows available on the market.
- Combined with the **K-LOCK** and the perimeter fittings, it provides a burglar-proof window lock.
- Extremely silent (40 dB(A)) with really compact dimensions: just 21 mm thickness, 27 mm depth and 353 mm length.

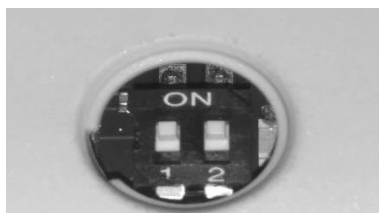
PATENTED

EP1723303 - EP2574823 - EP1770385



— Trazione

— Spinta



APPLICATIONS
VASISTAS FRAME
OUTWARD FRAME
PIVOTING FRAME

TO BE USED WITH:

K-LOCK
AUX
KL and KL-R CONTROL UNITS
MODIX 2/4/6
MY-SUN1 and MY-SUN3
ALI'SW

TECHNICAL FEATURES (Functional and mechanical)

Electric actuator with a three-link articulated chain (NEKOS Patent), enclosed in a housing made of high-strength composite material with glass fibre, suitable for opening and closing awning and hopper windows.

Traction power 200 N, thrust 150 N (100 mm) (see diagram). Operates at low voltage (24V DC).

Three selectable opening strokes by dip-switch: 100, 170 and 250mm

Stroke-end at closing with power absorption and with protection against overload.

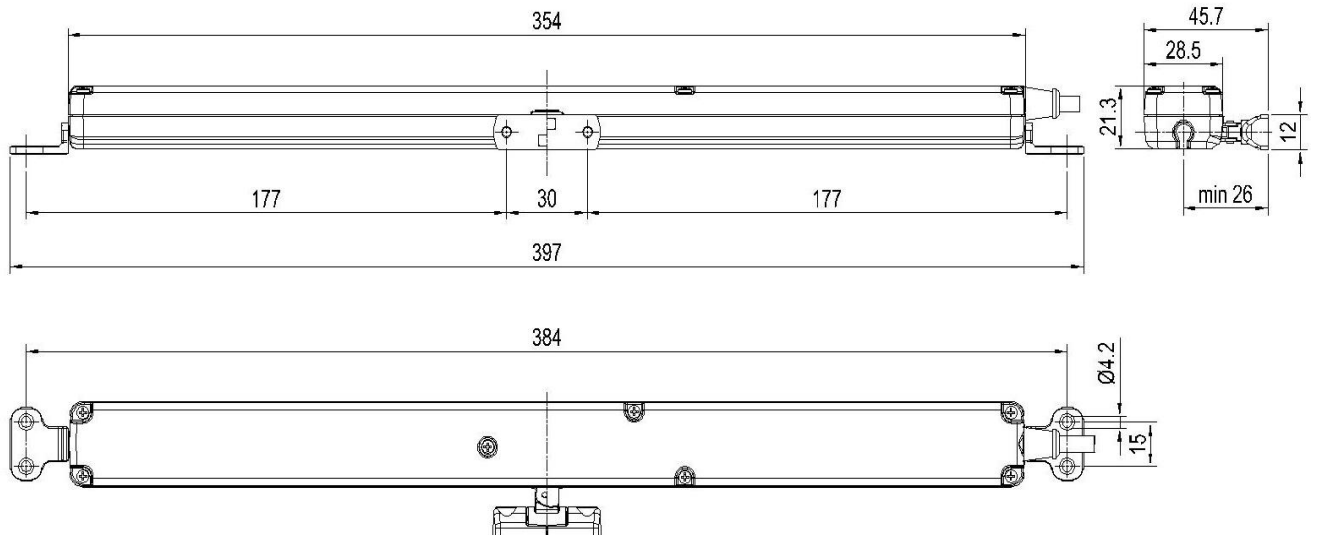
The actuator can be combined with **AUX** accessory for motors operating at 24V DC and with the K-LOCK electromechanical lock while in Syncro³ mode.

Electronic synchronization up to eight actuators (NEKOS Patent) including the combination with the K-LOCK electromechanical lock. Kimo 202 can be connected to **AUX** accessory, which is complementary for natural ventilation systems using motors operating at 24V DC.

Supplied complete with pivoting support brackets for concealed installation and sash connection bracket.

Complies with EU directives (EMC Directive, Low Voltage Directive).

Available in: Black (RAL9005), Grey (RAL9006), White (RAL9010).



MODEL	KIMO 202 24V		
Force exerted by traction	200 N	Protection index for electrical devices	IP42
Force exerted by thrust	150 N	Soft Stop	NO
Strokes	100 / 170 / 250 mm	Relax function	YES
Syncro ³ synchronization	YES (max. 8)	Adjustment of connection to window frame	At absorption of power
Power supply voltage	24V DC	Parallel powering of two or more motors	YES (Max. 20)
Rated absorbed current at nominal load	0,50 A	Length of power cable	2 m
Power absorbed at nominal load	12 W	Stroke-end at opening	Electronic by dip-switches
No load speed	4 mm/s	Stroke-end at closing	At absorption of power
Duration of no load max. stroke	63 s	Protection against overload	At absorption of power
Electrical insulation	Class III (SELV)	Static holding force	1000 N
Duty cycle	5 cycles	Dimensions	21x28,5x354 mm
Operating temperature	-20 °C ÷ +70 °C	Weight (without brackets)	0,450 Kg

CODE MODEL

6050551	Chain actuator KIMO 202 24V – BLACK
6050552	Chain actuator KIMO 202 24V - WHITE
6050553	Chain actuator KIMO 202 24V – GREY