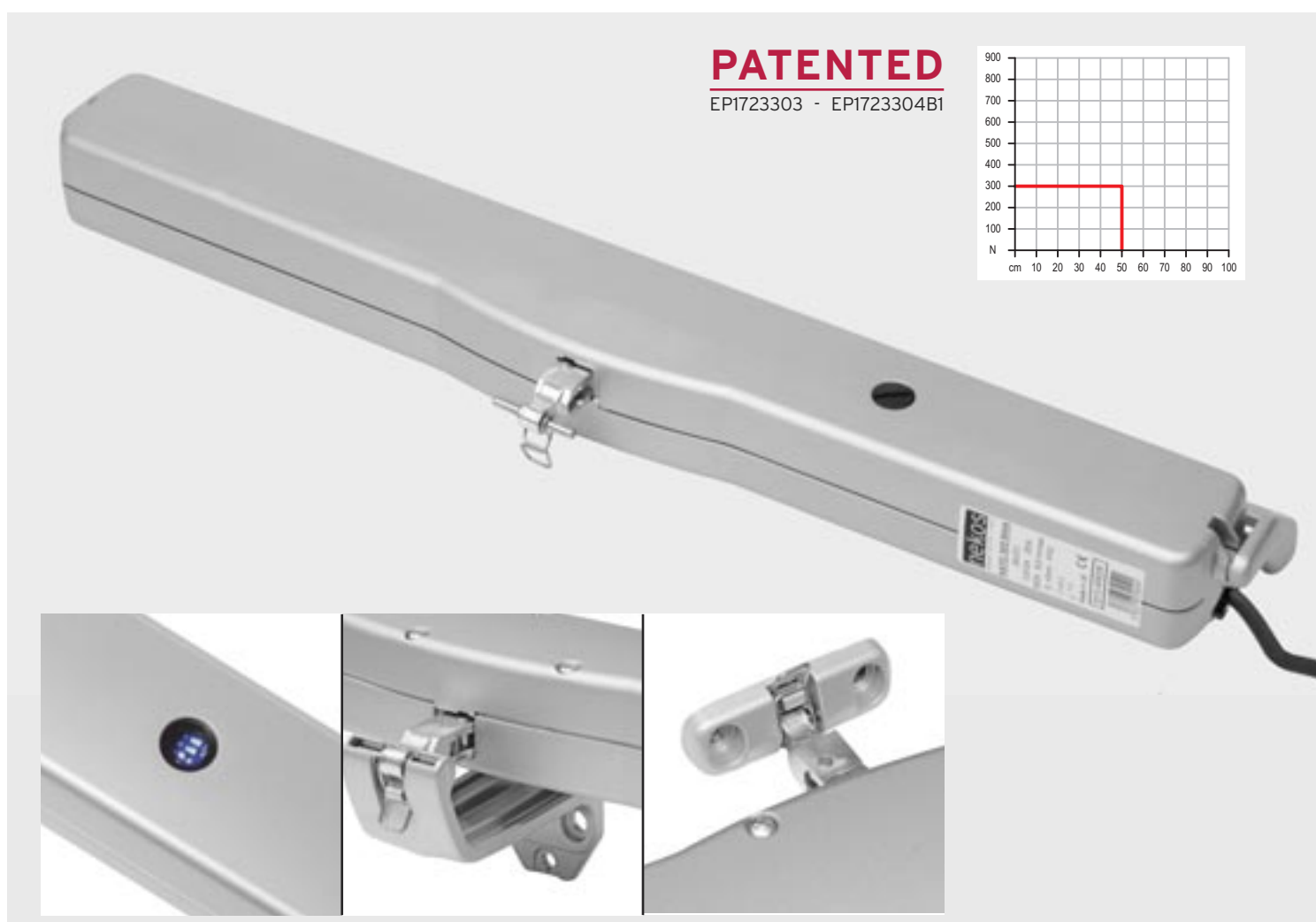


KATO305

Metal Chain actuator 300N

- The RWA version of KATO305 has passed the toughest heat and fire resistance tests indicated by standard EN 12101-2:2003-09 with flying colours, obtaining B 300 classification with certificate no. 13-000921 at the IFT testing institute in Rosenheim in 2013.
- KATO305 actuators ensure safety, quality, efficiency, reliability and simplicity of construction, in an attractive design for incorporation into state-of-the-art windows.
- They have new electronic technology with a microprocessor for position control and management of all phases of operation. The body is made of die cast aluminium and the brackets are zinc alloy.
- They are easy to install, thanks to quick-coupling installation on the support brackets and no need for screws or fixings (Nekos patented system); another Nekos patent is the quick release of the window for easy cleaning.
- Strokes can be selected through dip-switches.



APPLICATIONS

VASISTAS FRAME
OUTWARD FRAME
PIVOTING FRAME
DOMES
SKYLIGHTS
ROOF FRAME

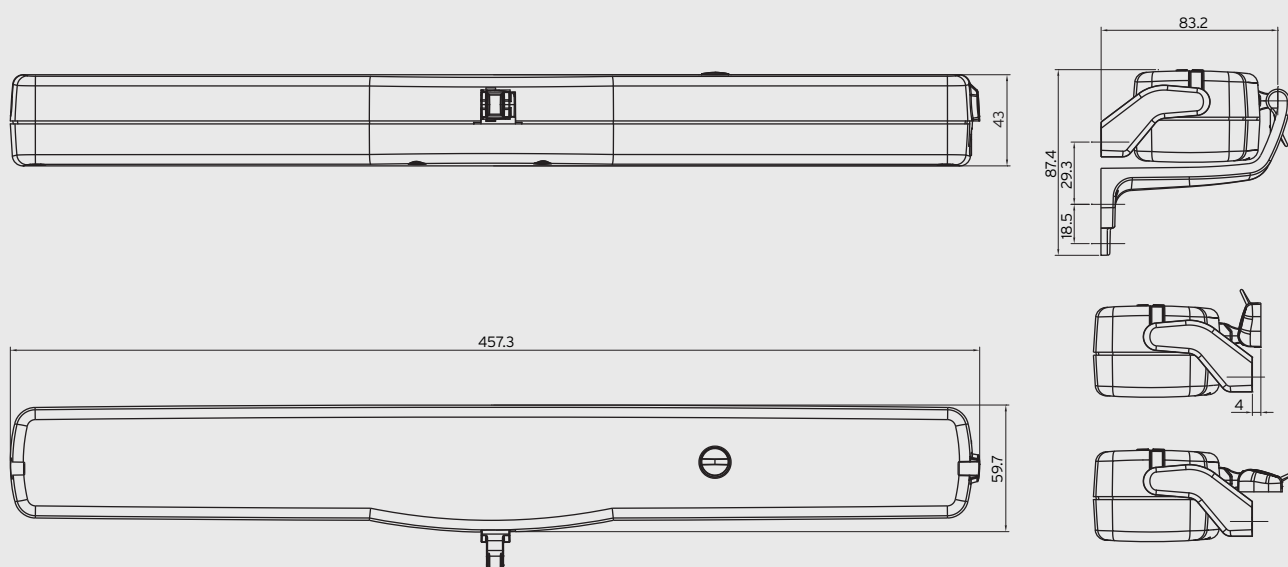
TO BE USED WITH:

KATO305|RWA 24V:
BK-LOCK
Series KL and Series KL-R
FV3 - FV6
FV 25-50-75
MODIX 2/4/6

KATO305|RWA
24VKATO305
230V

TECHNICAL CHARACTERISTICS (Functional and mechanical features)

- Electric linear actuator with double-row four-link articulated chain enclosed in a sturdy aluminium housing, suitable for opening awning windows, hopper windows, dome rooflights and dormers. Thrust and traction power 300 N.
- Built to operate at 110-230V 50/60Hz voltage or, for RWA systems, at 24V DC Safety ELV (SELV)-voltage, in accordance with European Standard EN12101-2.
- Supplied complete with universal quick-coupling, screw-less pivoting support brackets (patented).
- Electronic opening stroke-end with three strokes (200 - 300 - 500 mm), which can be selected at any time with dip switches; closing end-stroke with power absorption as protection against overload. Soft Stop and Relax Functions.
- Can be connected in parallel. Complies with EU directives (EMC Directive, Low Voltage Directive).
- Standard colours: Black (RAL9005) with black power cable, White (RAL9010) and Grey (RAL9006) with white cables. The 24V versions have a grey silicone cable.
- Window brackets must be requested separately.



MODEL	230V	RWA 24V
Thrust and traction force	300 N	
Strokes (can be selected at any time)	200, 300, 500 mm	
Power supply voltage	110-230V~ 50/60Hz	24V DC
Rated absorbed current	0,32 - 0,21 A	0,950 A
Power absorbed at nominal load	25-28 W	23 W
No load speed	9,2 mm/s	9,2 mm/s
Duration of no load stroke (500 mm)	54 s	54 s
Electrical insulation	Class II	Class III (Selv)
Type of service	2 cycles	5 cycles
Working temperature	- 5 + 65 °C	
Protection index for electrical devices	IP32	

Adjustment of connection to window frame	Automatic definition of position	
Connection in parallel of two or more motors	YES (max 10)	
Synchronised function	YES (mod. Syncro3- max 8)	
Holding nominal force (it can vary according to the chosen brackets)	2000 N	
Stroke-end at opening	Electronic by means of dip-switches	
Stroke-end at closing	At absorption of power	
Signalling 'window open/window closed'	No	
Length of power cable	2 m	
Dimensions	456x60x43 mm	
Weight	1,55 Kg	1,65 Kg

KATO305 230V: Series KH and Series KH-R RR2-M

CODE	MODEL
6031001	KATO 305 230V black
6031002	KATO 305 230V white
6031003	KATO 305 230V grey
6051001	KATO 305 RWA 24V black
6051002	KATO 305 RWA 24V white
6051003	KATO 305 RWA 24V grey