

# KATO ADV Radio

## Remote-controlled Actuator 230V

- KATO ADV Radio is the radio-controlled evolution of the KATO family.
- It has the same body but a different and evolved intelligence. Complete with a radio frequency receiver integrated in the actuator body, it is suitable for installation wherever there is a need for remote control, through the PIK Radio Remote Control unit with rolling code technology.
- It can be connected to a bidirectional up-down switch.
- Use together with the NRS1 rain detector allows automatic closing of the window by wire signal in the event of rain, without need for additional control units.

### PATENTED

EPI723303 - EPI723304B1



MODEL	KATO ADV RADIO
Thrust and traction force	300 N
Strokes (can be selected at any time)	100, 200, 300, 400 mm
Power supply voltage	110-230V~ 50/60Hz
Current consumption at nominal charge	0,31-0,24 A
Current consumption with no charge	0,084-0,042 A
Charge absorbed at nominal load	23-27 W
No load speed	15,7 mm/s
No load duration (400 mm)	25 s
Electrical insulation	Class II
Type of service	2 cycles

Working temperature	- 5 + 65 °C
Protection index for electrical devices	IP30
Adjustment of connection to window frame	Automatic definition of position
Holding nominal force (it can vary according to the chosen brackets)	1600 N
Connection in parallel of two or more motors	Yes
Stroke-end at opening	Electronic by means of dip-switches
Stroke-end at closing	At absorption of charge
Dimensions	386,5x59x37
Weight	1,00 kg

## APPLICATIONS

VASISTAS FRAME  
OUTWARD FRAME  
PIVOTING FRAME  
DOMES  
SKYLIGHTS  
ROOF FRAME

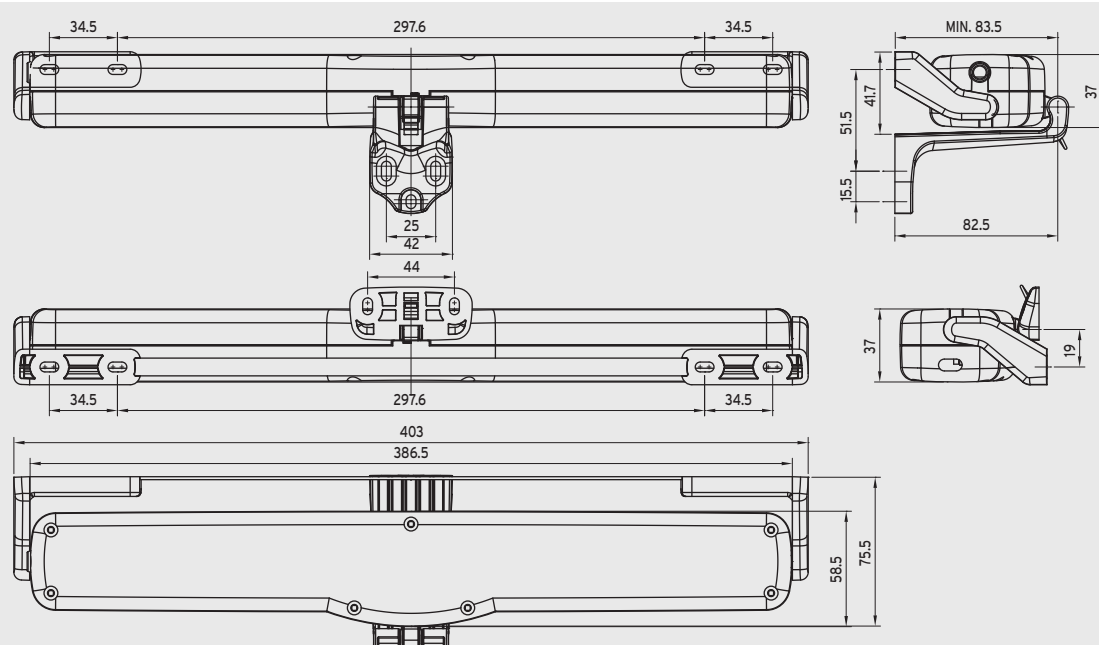
CODE	MODEL
6030580	KATO ADV Radio black
6030581	KATO ADV Radio white
6030582	KATO ADV Radio grey
7505021	NRS1 Heated Rain sensor
7505025	PIK Remote control

IMPORTANT: remote control and rain sensor are provided separately.



## KATO SERIES TECHNICAL CHARACTERISTICS (Functional and mechanical features)

- Electric actuator with a double-row four-link articulated chain enclosed in a sturdy composite material housing (glass fibre-reinforced polyamide). Suitable for opening awning windows, hopper windows, dome rooflights and dormers.
- Traction and thrust power 300N. Powered by 110-230V 50Hz or, alternatively, 24V DC Safety ELV (SELV) voltage.
- Supplied complete with screw-less quick coupling actuator mounting brackets (patented) and quick coupling/release awning or hopper window brackets (patented).
- Stroke-end: electronic opening stroke-end with variable strokes that can be selected at any time with the dip-switches. Closing stroke-end with power absorption.
- Can be connected in parallel. Complies with EU directives (EMC Directive, Low Voltage Directive).
- Standard colours: Black (ref. RAL9004) with black power cable, White (ref. RAL9003) and Grey (ref. RAL7047) with white cable.



### TO BE USED WITH:

**KATO and KATO SYNCRO<sup>3</sup> 24V:**  
BK-LOCK  
Series KL and Series KL-R  
MODIX 2/4/6  
MY-SUN1 and MY-SUN3

**KATO and KATO SYNCRO<sup>3</sup> 230V:**  
Series KH and Series KH-R  
RR2-M

**KATO ADV RADIO 230V:**  
PIK  
NRS1