

# Ovo

## Automation for sectional doors up to 9 m<sup>2</sup>

### FR SECTIONAL DOORS UP TO 9 m<sup>2</sup>

Ovo is the new automation for garage doors by KINGgates. Available in 2 kits with pre-assembled 3 metres guide in a single piece or in 3 pieces of 1 metre each. Thanks to the 550 N torque of the motor, this device is the ideal solution to open and close sectional doors up to 9 m<sup>2</sup>.

**Fast installation:  
just a few minutes to  
assemble this automation:  
the guide is already  
completely assembled in  
a single-piece version while  
profiles are connected  
thanks to 2 strong groove  
joints in the 3-pieces version.**

The assembling of the motor group with the guide quickly occurs through 4 screws and in case of problems of encumbrance to the ceiling, the motor is designed to be angled of 90° with respect to the axle of the guide.

### SMOOTH MOVEMENT

The profiled steel strong guide it guarantees a smooth movement of the door during the opening and closing phases, while the use of the belt with steel core allows to get a low level of noisiness.

**The sturdiness of the guide  
in the 3-pieces version  
is guaranteed by 2 joints  
of printed steel.**

### RELIABLE ELECTRONICS

The electronic control unit Star OV is simple and complete. The learning of the travel limits is automatic and the speed can be regulated up to 14 cm/sec.

**The safety of the movement  
is guaranteed by the encoder  
control technology that  
foresees the inversion of the  
motion in case of impact  
according to the parameters  
described in the regulations.**



1.



2.



3.



4.

#### 1. ELECTRONICS

*Programming through buttons and integrated courtesy light.*

#### 2. DESIGN

*Minimum encumbrance thanks to the reduced dimensions of the motor group.*

#### 3. EASY ACCESS

*Comfortable access button to the electronic zone.*

#### 4. TROLLEY

*Strong and resistant, designed to allow an intuitive and sure unblocking manoeuvre.*



## OVO - TECHNICAL DATA

Mains power supply	(Vac)	230
Motor power	(W)	200
Torque	(N)	550
Speed	(m/second)	0.08 ÷ 0.14
Travel	(mm)	2500
Protection level	(IP)	40
Weight	(kg)	3
Max width of the garage door	(m)	3,7
Max height of the garage door	(m)	2.4
Work cycle	(%)	30
Max torque	(N)	550
Operating temperature	(°C)	-20 ÷ +50

# Ovo

## GEAR MOTORS - TECHNICAL SPECIFICATION

Code	Motor	Control unit	Radio receiver	Leds light	Encoder	Newton max.
Ovo Kit	24 Vdc	Star OV	•	•	•	550

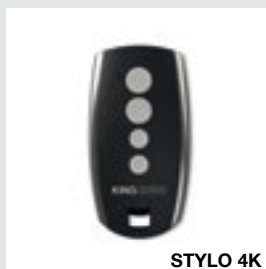
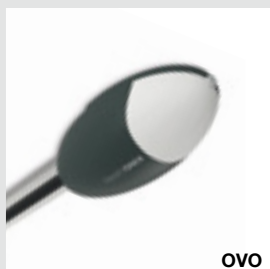
## RAILS - AVAILABLE VERSIONS

Code	Kind of transmission	Slide lenght	Door max height	Kind of rails
Ovo Kit 550 R13	Belt	3 m	2.4 m	1 x 3 m
Ovo Kit 550 R33		3 m	2.4 m	3 x 1 m

# Ovo Kit

## KIT - AVAILABLE VERSIONS

Code	Ovo 550	Rail Gro13 (1x3 m)	Rail Gro33 (3x1 m)	Stylo 4	Newton max
Ovo Kit 550 R13	•	•		• (1)	550
Ovo Kit 550 R33	•		•	• (1)	550



## ACCESSORIES



**ST GRO**  
Screw-on bracket  
for ceiling fastening



**SRO 01**  
Additional fastening  
brackets kit



**SRO 02**  
Extension bracket  
for pulling arc

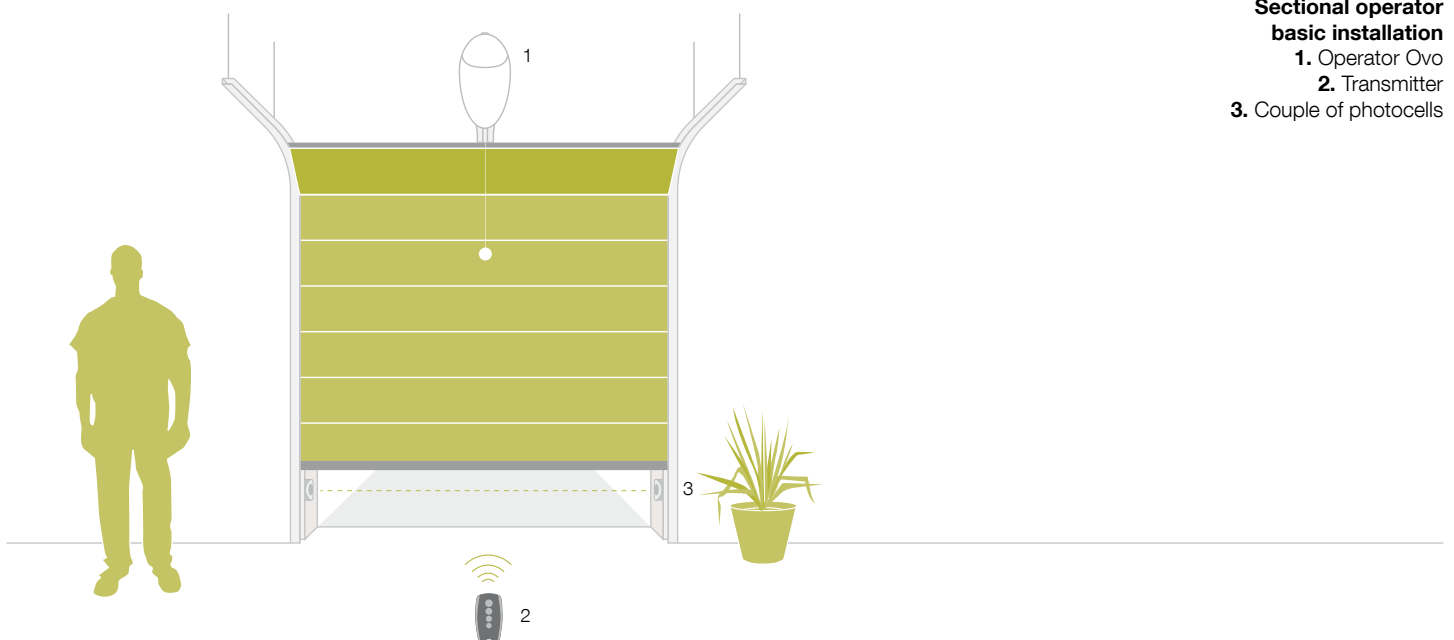


**SBLO 02**  
Unlocking system  
with metal cord



**STAR OV**  
Spare control unit for Ovo

## INSTALLATION DIAGRAM



**Sectional operator  
basic installation**  
1. Operator Ovo  
2. Transmitter  
3. Couple of photocells