

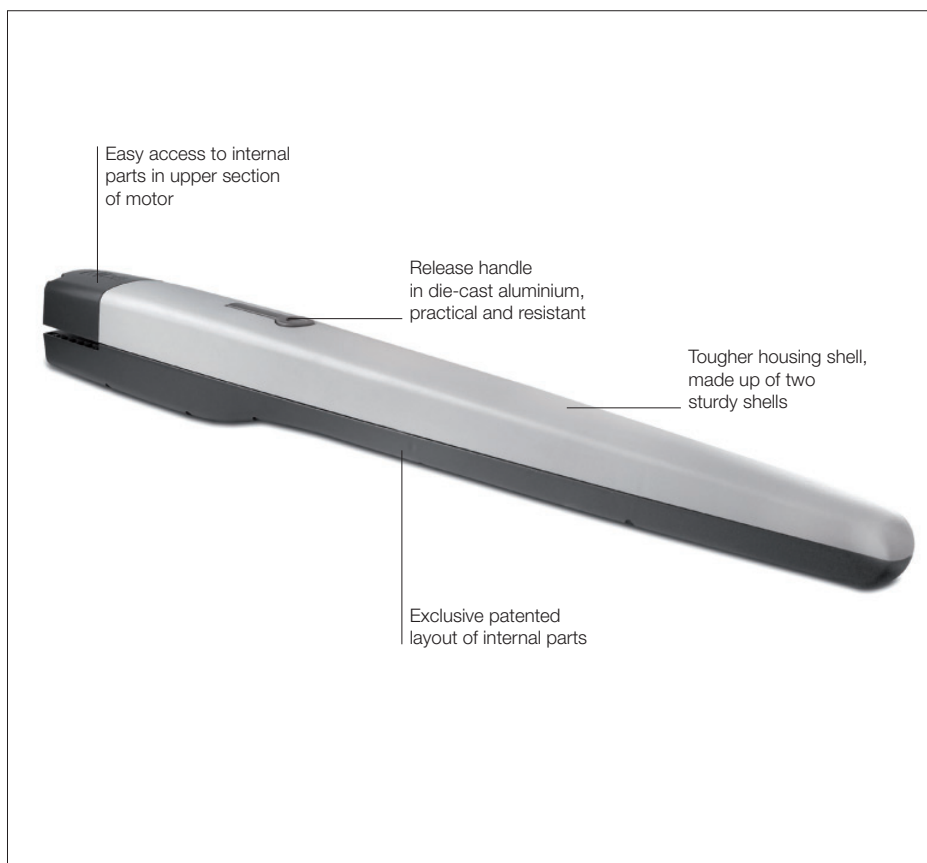


The most complete and innovative  
range to automate swing gates.



**Nice**





Code	Description
<b>TO7024</b>	Irreversible, 24 Vdc, with magnetic encoder, mechanical stop on opening and closing

## For swing gates with leaves up to 7 m.

Electromechanical gear motor, surface mounted, powered at 24 Vdc, with magnetic encoder. Ideal for industrial installations, designed for intensive use.

### Compatible for operation with Solemyo and Opera systems.

#### New third generation models:

quality and durability thanks to the housing, made up of two tough aluminium shells with polyester paint finish; more resistant to atmospheric agents.

Internal moving parts completely in steel, light alloys and technopolymers.

#### Reliable and silent:

patented layout of internal parts.

#### Lead nut in bronze

for strength and silent operation.

#### Generously sized and practical connection compartment:

rapid and easy access from above to internal parts located in the upper section of the motor.

#### Control unit Moonclever MC824H,

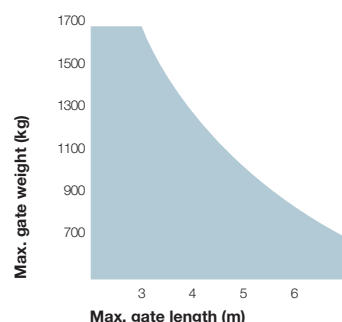
with BlueBUS technology:

- simple programming, by means of a single key;
- self-learning of opening and closing limit positions;
- automatic fault diagnostics;
- programming of pause time;
- pedestrian pass door;
- deceleration on opening and closing;
- obstacle detection with dual technology;
- operation in event of power failure by means of optional rechargeable batteries (PS324);
- provision for connection of latest generation resistive sensitive edges.

## Technical specifications

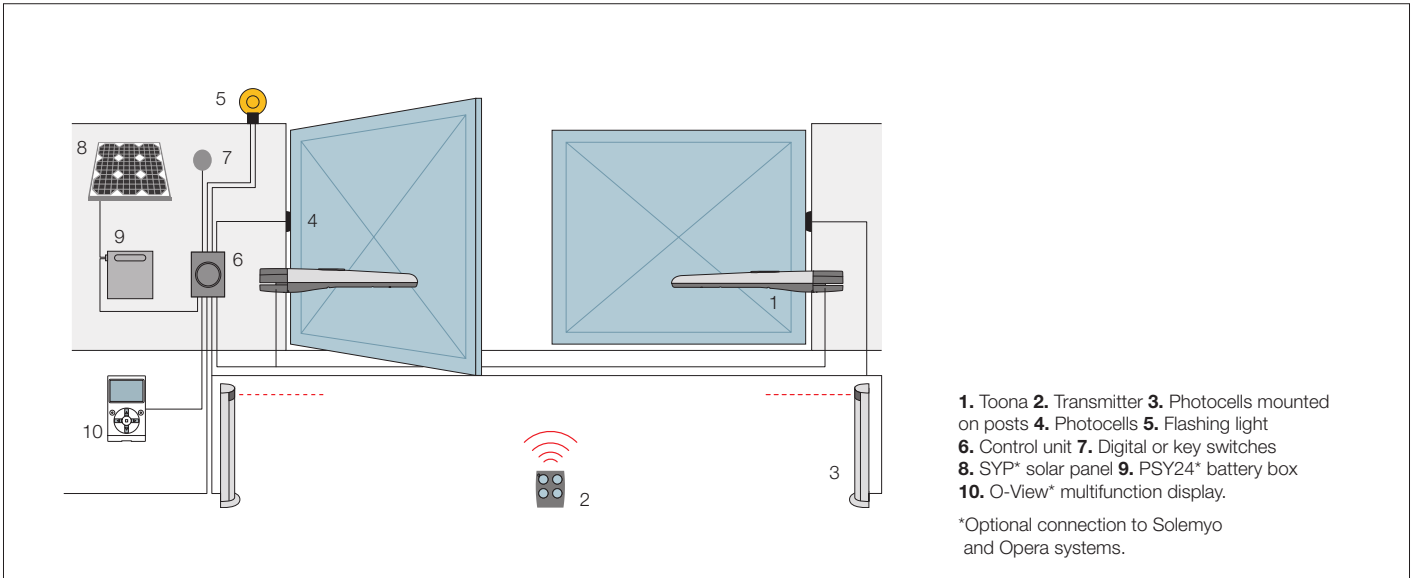
Code	TO7024
<b>Electrical data</b>	
Power supply (Vac 50 Hz)	-
Power supply (Vdc)	24
Absorption (A)	5
Power (W)	120
<b>Performance data</b>	
Speed (m/s)	0.013
Force (N)	2700
Work cycle (cycles/hour)	41
<b>Dimensional and general data</b>	
Protection level (IP)	44
Working temp. (°C Min/Max)	-20 ÷ +50
Dimensions (mm)	1200x128x150 h
Weight (kg)	15

## Utilisation limits



The shape, the height of the gate and the weather conditions can considerably reduce the values shown in the graph to the side.

## Example of general setup with safety including solar



## Optional Accessories



**PLA10**  
Vertical 12 V electric lock (required for gates longer than 3 m).



**PLA11**  
Horizontal 12 V electric lock (required for gates longer than 3 m).



**TS**  
Signboard.



**MLBT**  
Flashing indicator light.



**OXI**  
Plug-in receiver



**MOCF**  
Aluminium post for photocells



**PS324**  
24 V battery with integrated battery charger.



**MOTXR**  
Wireless keypad



**F210B & FA1**  
Photo safety beam with vandal resistant cover



**ON2**  
Transmitter 433.92 MHz, 2 channel



**ABF**  
Tuned 433.92MHz aerial



**OPLA**  
Wireless wall button for multiple functions

## Solemyo system

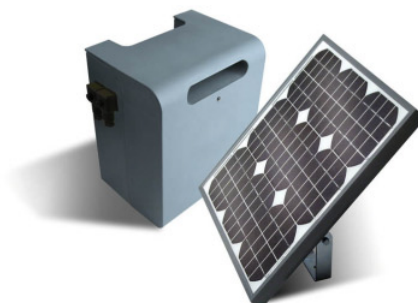


The solar power kit Solemyo to automate gates, garage doors or barrier gates, including those located far from the power mains and without the need for costly and invasive excavation work.

## Opera system



The innovative Opera system enables the installer to manage, program and control automation systems, also remotely, simply and safely, with significant savings in time.



Solemyo solar kit



O-View programmer is used by the installer to advance features and fine tune motor functions.



## Certified quality.

Safety, quality, reliability and durability are priorities for Nice. All Nice Products in fact comply with the provisions of the **European Directives** governing construction.

## Service

Dealers who offer Nice products to their customers believe in the value of quality; providing service that satisfies all the needs and wishes of customers, before and after sales, is a duty. Contact a Nice specialist with complete trust!



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