



For swing gates with leaves up to 5 m.

Electromechanical gear motor, surface mounted.

Also available in 24 Vdc version, with magnetic encoder.

Ideal for residential and industrial use.

Reliable: 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.

Silent: patented layout of internal parts and lead nut in bronze.

Generously sized and practical connection compartment: rapid and easy access from above to internal parts located in the upper section of the motor.

Simple installation and maintenance, with built-in capacitor.

TO5024I ideal for intensive work load, thanks to the torque of 2200 Nm, can work on continuous duty on large sized gates.

Recommended control units:

Mindy A3, A3F, A6, A6F, A60, A700F; for TO5024 and TO5024I Moonclever MC824H.

24 Vdc version with magnetic encoder.

Perfect for intensive use, compatible with the control unit Moonclever MC824H:

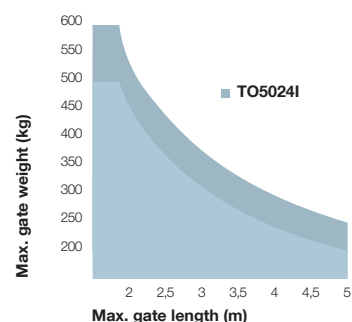
- simple programming, by means of a single key;
- self-learning of opening and closing limit positions;
- automatic fault diagnostics;
- programming of pause time;
- pedestrian pass door;
- deceleration on opening and closing;
- obstacle detection with dual technology;
- operation in event of power failure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

Code	Description	Pack/pallet
TO5024	Irreversible, 24 Vdc, with magnetic encoder, mechanical stop on opening	20
TO5024I	Irreversible, 24 Vdc, with magnetic encoder, mechanical stop on opening; for intensive use	20
TO5015	Irreversible, 230 Vac, low speed, with limit switch on opening	20
TO5016	Irreversible, 230 Vac, low speed, with limit switch on opening and closing	20
TO5605	Reversible, 230 Vac, high speed, with limit switch on opening	20

Technical specifications

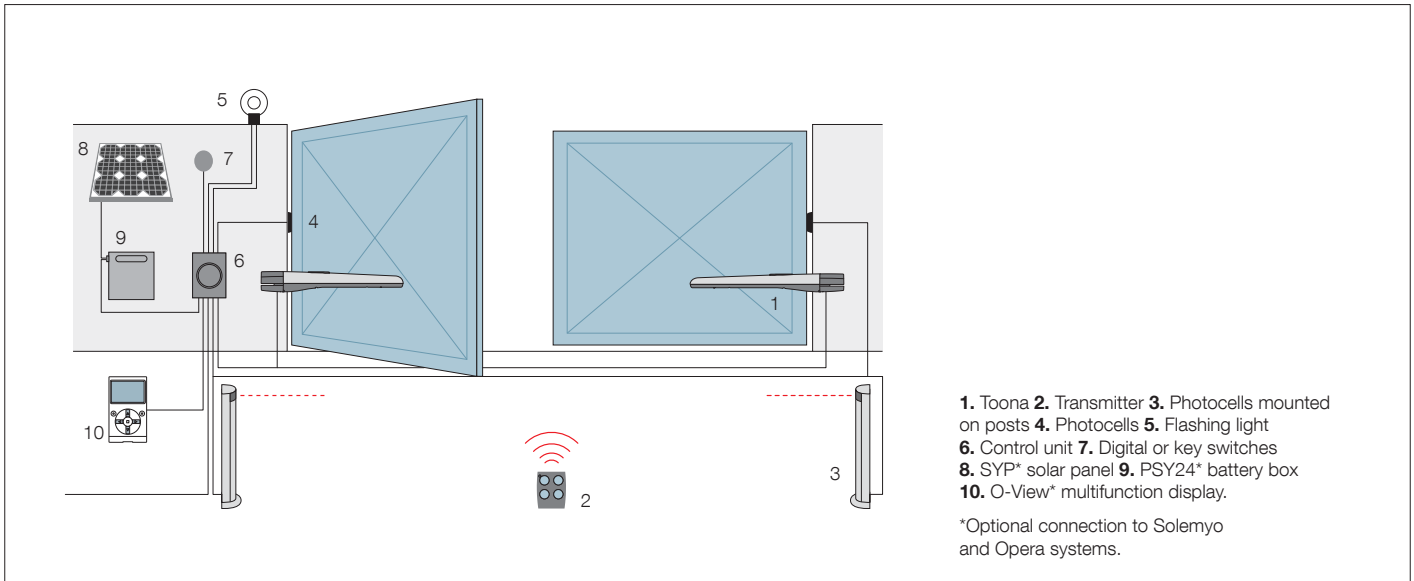
Code	TO5024	TO5024I	TO5015	TO5016	TO5605
Electrical data					
Power supply (Vac 50 Hz)*	-		230		
Power supply (Vdc)	24	-			
Absorption (A)	5	1.5		1.3	
Power (W)	120	340		300	
Performance data					
Speed (m/s)	0.016	0.013		0.016	
Force (N)	1800	2200	1800		
Work cycle (cycles/hour)	95**	75***	54		50
Dimensional and general data					
Protection level (IP)	44				
Working temp. (°C Min/Max)	-20 ÷ +50				
Dimensions (mm)	965x115x105 h				
Weight (kg)	7				

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. Use in windy areas 230 Vac models.

*60 Hz version available on request. ** With optimal installation. *** The reduction in number of manoeuvres with respect to the version TO5024 depends solely on the lower manoeuvre speed.



Accessories

Total interchangeability with the series Moby: identical positions and fixing brackets

PLA6 Rear bracket 250 mm long. Pc/pack 1	PLA8 Screw-adjustable front bracket. Pc/pack 1	PLA10 Vertical 12 V electric lock (required for gates longer than 3 m). Pc/pack 1	PLA11 Horizontal 12 V electric lock (required for gates longer than 3 m). Pc/pack 1	PLA13 Mechanical travel stops for closing and opening manoeuvres. Pc/pack 4	TS Signboard. Pc/pack 1

Accessory

For 24 Vdc version

PS324
24 V battery
with integrated
battery charger.
Pc/pack 1

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. See pages 186/187

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. See pages 140/141

Nice recommends customers order products in pallets in order to facilitate storage and delivery, and ensure packs are uniform. The number of packs per single pallet has been specified for this reason. Approximate draft.