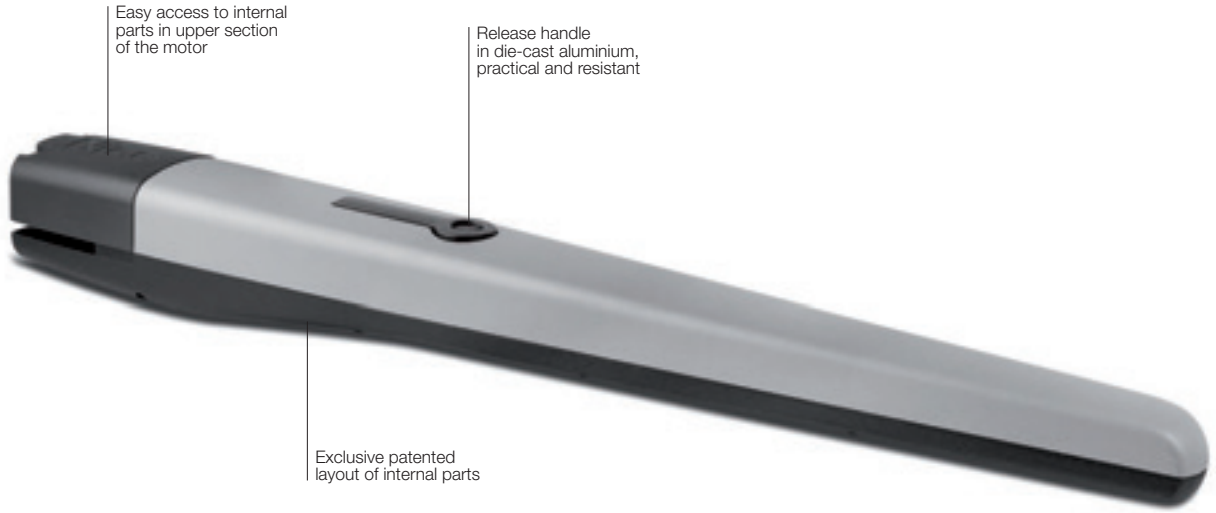
Nice

BiDi | Yubii | SOLEMYO | OPERA | BLUEBUS | 24V | 230V

Toona 5

For swing gates with leaves up to 5 m



Ideal for residential and industrial applications.

Electromechanical gear motor, surface mounted. Also available in 24 Vdc version, with magnetic encoder.

Reliability and durability over time: 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.

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

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.

Recommended control units: MC800, Moonclever MC824H for TO5024 and TO5024I.

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;
- automatic memorization of limit switches on opening and closing with self-learning function;
- 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.

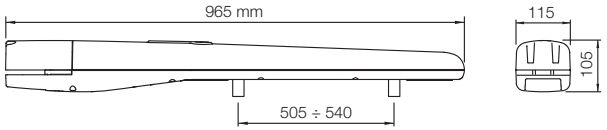
Nice **BiDirectional products** indicate the status of the automations and confirm correct reception of the command.

Discover the complete range of BiDirectional products on page 176.

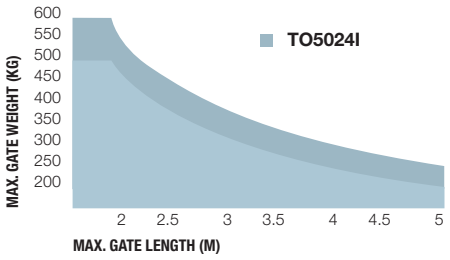
Yubii is the new Nice ecosystem that connects all the automations in the home.

Discover all the benefits of the Yubii system on page 170.

DIMENSIONS



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.

COMMON ACCESSORIES

CORE
Nice Wi-Fi-Radio Gateway.

Pc./Pack 1

IBT4N
Interface for connecting the O-View programming unit.

Pc./Pack 1

IT4WIFI
Smart Wi-fi interface to manage gates and garage doors by smartphone (*).

Pc./Pack 1

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 V VERSION

PS324
24 V battery with integrated battery charger.

Pc./Pack 1

SOLEMYO KIT
The solar power to automate gates, garage doors or barrier gates.

See page 229.

* Not compatible with the Solemyo kit and PS324

TECHNICAL SPECIFICATIONS

Code	Description	Pack/Pallet
T05024	Irreversible, 24 Vdc, with magnetic encoder, mechanical stop on opening	20
T05024I	Irreversible, 24 Vdc, with magnetic encoder, mechanical stop on opening; for intensive use	20
T05015	Irreversible, 230 Vac, cruising speed, with limit switch on opening	20
T05016	Irreversible, 230 Vac, cruising speed, with limit switch on opening and closing	20
T05605	Reversible, 230 Vac, increased speed, with limit switch on opening	20

Code	T05024	T05024I	T05015	T05016	T05605
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				

* 60 Hz version available on request.
** With optimal installation.
*** The reduction in number of manoeuvres with respect to the version T05024 depends solely on the lower manoeuvre speed.

COMPATIBILITY TABLE WITH CONTROL SYSTEMS AND ACCESSORIES

	control unit/receiver							transmitter						photocells										flashing light		
Code	MC200 / Built-in*	MC800 / OXI / OXIBD / OXILR	DPR0500 / OXI / OXIBD / OXILR	DPR0924 / OXI / OXIBD / OXILR	MC424L / Built-in* / OXI / OXIBD / OXILR	MC824H / OXI / OXIBD / OXILR	MC824HR / OXI / OXIBD / OXILR	ERA INTI	ERA ONE	ERA ONE BD	ERA ONE LR	ERA FLOR	NICEWAY	EPS	EPM	EPL	EPSB	EPMB	EPLB	EPMOW	F210	FT210	F210B	FT210B	ELAC	ELDC	WLT
T05024						•		•	•	•	•	•	•				•	•	•	•			•		•	•
T05024I						•		•	•	•	•	•	•				•	•	•	•			•		•	•
T05015		•						•	•	•	•	•	•	•	•	•					•	•			•		
T05016		•						•	•	•	•	•	•	•	•	•					•	•			•		
T05605		•						•	•	•	•	•	•	•	•	•					•	•			•		

* Radio receiver incompatible with Opera system