



# Gate Repair Services

0114633025 0834522015

www.gates.co.za

NiceHansa Toona 5/7

Solemyo

Opera

BlueBUS

24V



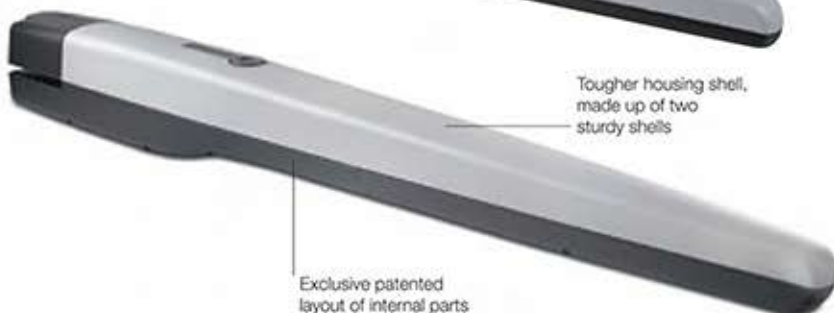
Easy access to internal parts in upper section of motor

TO5024



Release handle in die-cast aluminium, practical and resistant

TO7024



Tougher housing shell, made up of two sturdy shells

Exclusive patented layout of internal parts

For swing gates with leaves up to 7 m. Compatible for operation with Solemyo and Opera systems.

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

**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.

Recommended control unit Moonclever MC824H, equipped with Nice BlueBUS technology, and provision for operation with Nice Solemyo and Opera systems:

- 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.

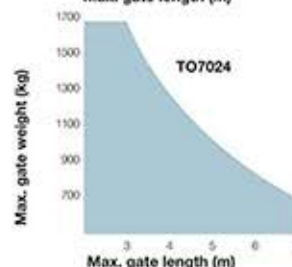
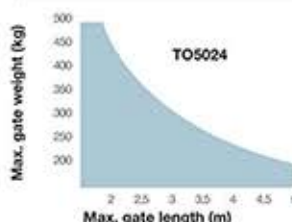
Code	Description
TO5024	Irreversible 24 Vdc electromechanical gear motor, with magnetic encoder, mechanical stop on opening, for gates up to 5 m
TO7024	Irreversible 24 Vdc electromechanical gear motor, with magnetic encoder, mechanical stop on opening and closing, for gates up to 7 m

**Technical specifications**

Code	TO5024	TO7024
<b>Electrical data</b>		
Power supply (Vac 50 Hz)	-	-
Power supply (Vdc)	24	24
Absorption (A)	5	5
Power (W)	120	120
<b>Performance data</b>		
Speed (m/s)	0.016	0.013
Force (N)	1800	2700
Work cycle (cycles/hour)	95*	41
<b>Dimensional and general data</b>		
Protection level (IP)	44	44
Working temp. (°C Min/Max)	-20 ÷ +50	-20 ÷ +50
Dimensions (mm)	965x115x105 h	1200x128x150 h
Weight (kg)	7	15

\* With optimal installation

**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.

**For Gate Motor and Intercom Repairs**  
**Call the National Call Center 011 463 3025 today**  
**24 hour emergency 083 452 2015**