

# TITAN HI-SPEED

THE HI-SPEED RANGE BECOMES EVEN WIDER WITH THE LINE OF TITAN MOTORS, THE FAST VERSATILE SOLUTION TO AUTOMATE SWING GATES.



# TITAN HS

SOLEMYO OPERA BLUEBUS 24V

**For rapid operation of swing gates with leaves of up to 3.7 m (TTN3724HS and TTN3724RHS), 6 m (TTN6024HS and TTN6024RHS) or 450 kg.** Surface mounted electromechanical gear motor, 24 Vdc with magnetic encoder.

**Guarantees fast manoeuvres: 90° opening in about 12\* seconds (versions TTN3724HS and TTN3724RHS) or 19\* seconds (versions TTN6024HS and TTN6024RHS)**

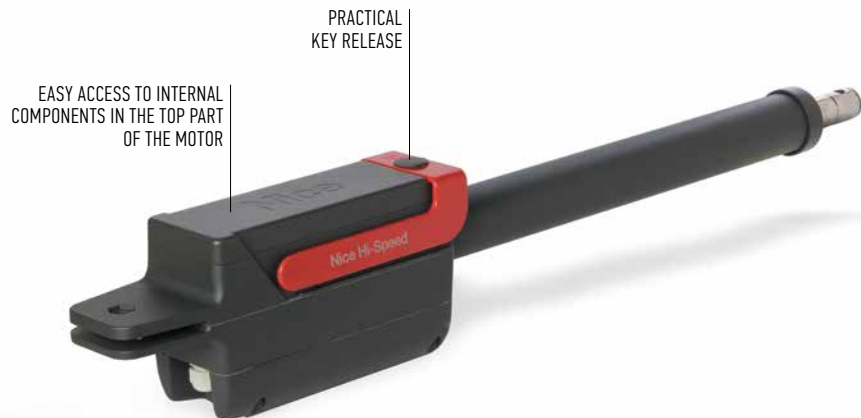
## Reliable

The magnetic encoder keeps the set values stable over time and guarantees precise obstacle detection.

## Easy to install

Electrical connections easily accessible from above, thanks to the dedicated access.

Fixing brackets are supplied with the motor.



## Versatile

The motor can also be installed in the bottom part of the gate leaf, at a distance of at least 110 mm from the ground.

## Practical and safe

Easy convenient key release located in the top part of the motor, allowing the gate leaves to be opened and closed manually in the event of a blackout.

**Models TTN3724HS and TTN6024HS are compatible with the Moonclever MC824H control unit, while models TTN3724RHS and TTN6024RHS are compatible with the MC824HR control unit:**

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

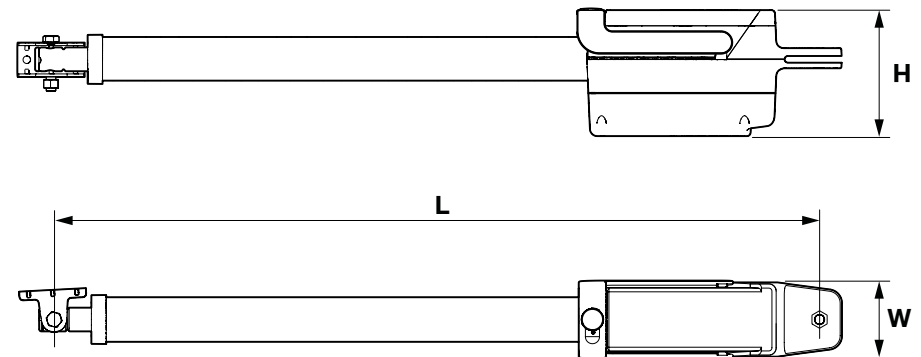
*\*Considering standard installation, excluding acceleration and deceleration.*

CODE	DESCRIPTION	PCS/PALLET
TTN3724HS	NON-REVERSIBLE, 24 Vdc, FAST, WITH MAGNETIC ENCODER, FOR SWING GATES WITH LEAVES OF UP TO 3.7 m OR 450 kg	32
TTN3724RHS	REVERSIBLE, 24 Vdc, FAST, WITH MAGNETIC ENCODER, FOR SWING GATES WITH LEAVES OF UP TO 3.7 m OR 450 kg	32
TTN6024HS	NON-REVERSIBLE, 24 Vdc, FAST, WITH MAGNETIC ENCODER, FOR SWING GATES WITH LEAVES OF UP TO 6 m OR 450 kg	32
TTN6024RHS	REVERSIBLE, 24 Vdc, FAST, WITH MAGNETIC ENCODER, FOR SWING GATES WITH LEAVES OF UP TO 6 m OR 450 kg	32

## TECHNICAL SPECIFICATION

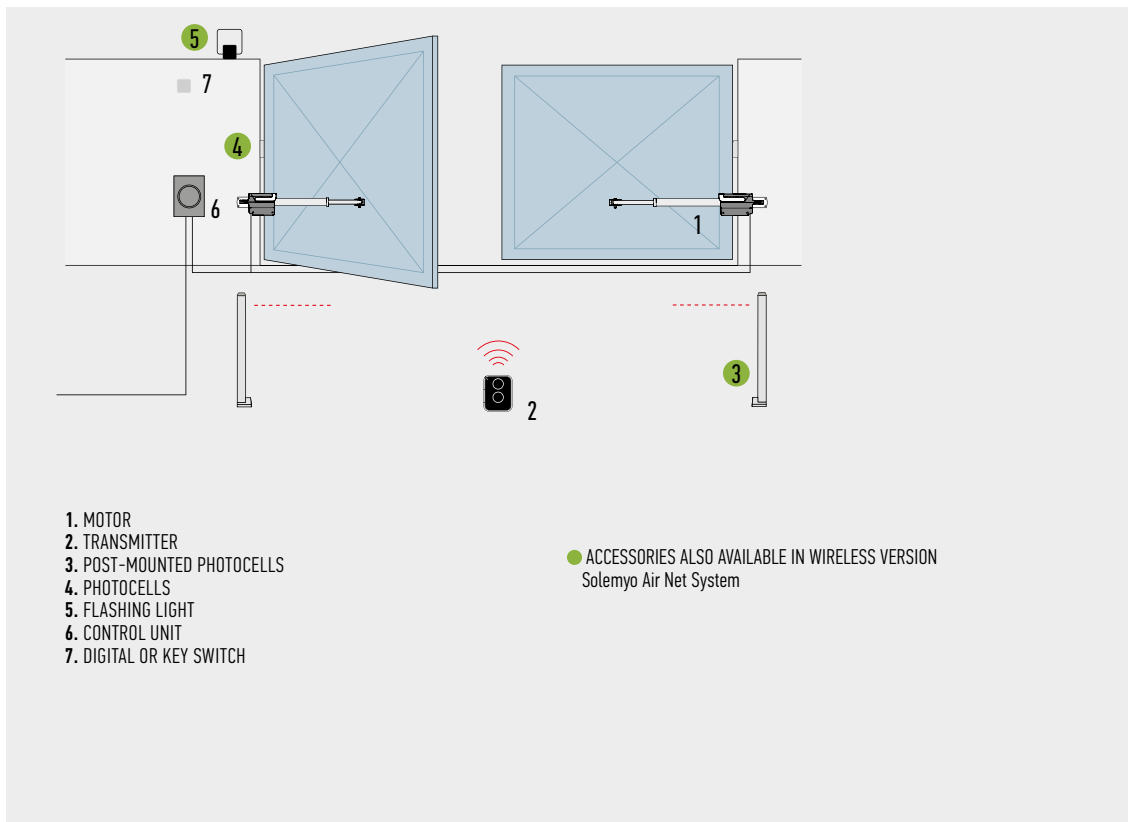
CODE	TTN3724HS	TTN6024HS	TTN3724RHS	TTN6024RHS
<b>ELECTRICAL DATA</b>				
POWER SUPPLY (Vdc)	24			
CURRENT DRAW (A)	6	7	6	7
POWER (W)	150		170	
<b>PERFORMANCE DATA</b>				
SPEED (m/s)	0.032	0.027	0.032	0.027
FORCE (N)	1900			
WORKING CYCLE (CYCLES/HOUR)	CONTINUOUS CYCLE			
<b>DIMENSIONAL AND GENERAL DATA</b>				
INGRESS PROTECTION (IP)	54			
OPERATING TEMP. (°C MIN/MAX)	-20 ÷ +55			
DIMENSIONS (mm)	910x105x170 h	1080x105x170 h	910x105x170 h	1080x105x170 h
WEIGHT (kg)	8	9	8	9

## DIMENSIONS



CODE	L MAX (mm)	L MIN (mm)	TRAVEL (mm)	W (mm)	H (mm)
TTN6024RHS - TTN6024HS	1710	1030	680	105	170
TTN3724RHS - TTN3724HS	1370	860	510		

## INSTALLATION DIAGRAM



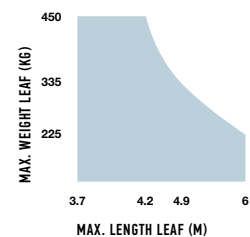
## CONTROL SYSTEM AND ACCESSORY COMPATIBILITY TABLE

CODICE	CONTROL UNIT/RECEIVER								TRANSMITTER				PHOTOCELLS							FLASHING LIGHT						
	A01 / built-in*	A02 / built-in*	A6F / FLOX12R*	A700F / FLDX12R*	A60 / OXI-SMX1*	A500 / FLOX12R*	A924 / FLOX12R*	MC424L / OXI	MC824H / OXI	MC824HR / OXI	ERA INTI	ERA ONE	ERA FLOR	NICEWAY	EPS	EPM	EPL	EPSB	EPMB	EPLB	F210	FT210	F210B	FT210B	ELAC	ELDC
TTN3724HS								●		●	●	●	●				●	●	●				●		●	●
TTN6024HS								●		●	●	●	●				●	●	●				●		●	●
TTN3724RHS									●	●	●	●	●				●	●	●				●		●	●
TTN6024RHS									●	●	●	●	●				●	●	●				●		●	●

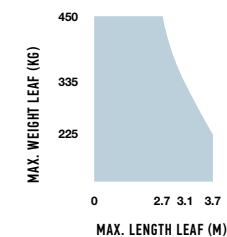
\*Radio receiver not compatible with the Opera system

## OPERATING LIMITS

### TTN6024RHS - TTN6024HS



### TTN3724RHS - TTN3724HS



The shape and height of the gate and presence of a strong wind can considerably reduce the values shown in the graph.

## ACCESSORIES



**PLA10**  
 VERTICAL 12 V ELECTRIC LOCK (OBLIGATORY FOR LEAFS LONGER THAN 3 m).

PC./PACK 1



**PLA11**  
 HORIZONTAL 12 V ELECTRIC LOCK (OBLIGATORY FOR LEAFS LONGER THAN 3 m).

PC./PACK 1



**TS**  
 SIGNBOARD.  
 PC./PACK 1



**PS324**  
 24 V BATTERY WITH BUILT-IN BATTERY CHARGER.

PC./PACK 1



**KIT SOLEMYO**  
 FOR SOLAR POWERING GATES, GARAGE DOORS AND BARRIERS.



**IT4WIFI**  
 WI-FI INTERFACE SMART TO MANAGE GATES AND GARAGE DOORS BY SMARTPHONE\*

\*Not compatible with the Solemyo kit and PS324

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