

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)

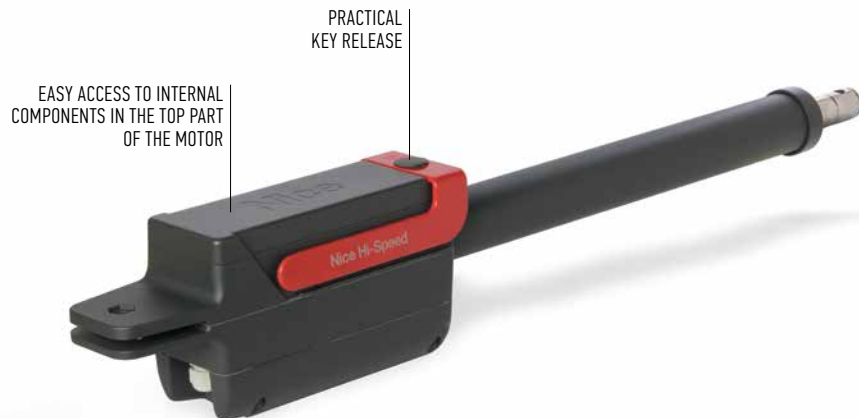
Reliable

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.

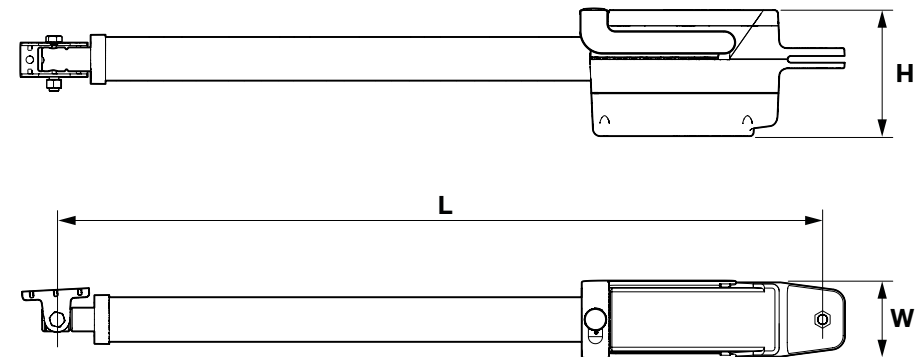
*Considering standard installation, excluding acceleration and deceleration.

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

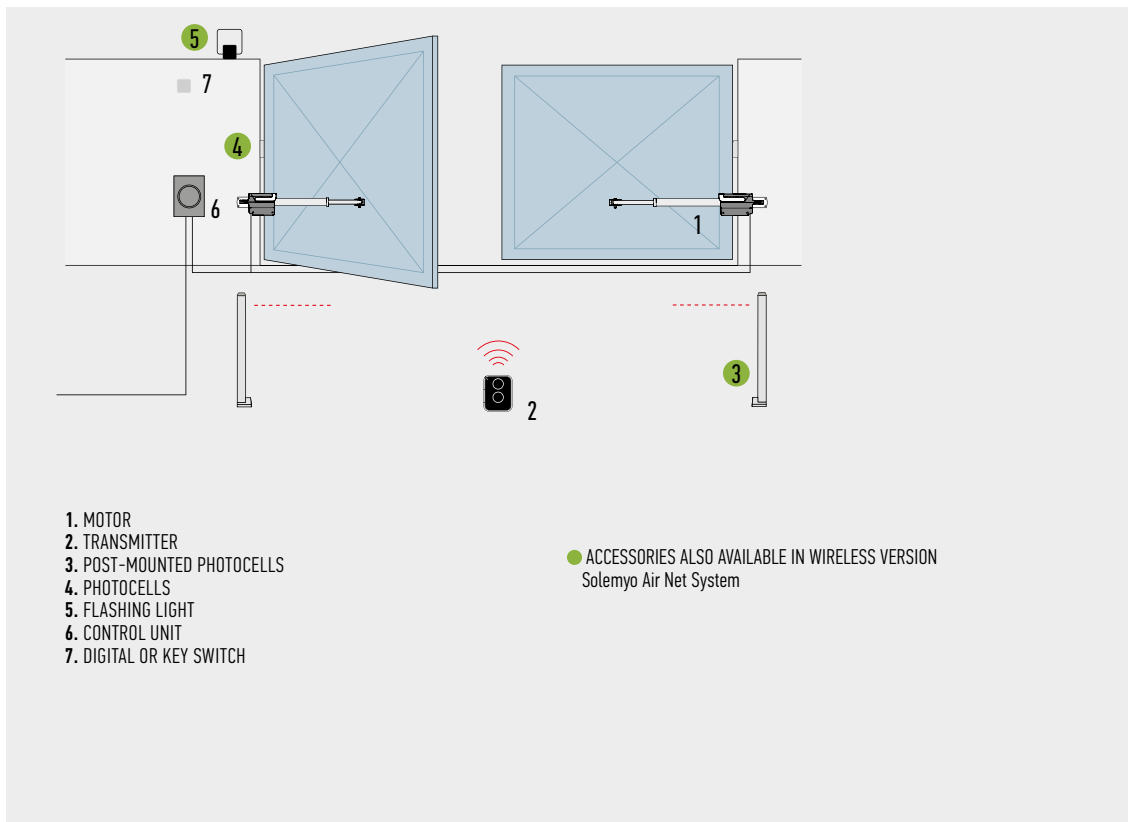
CODE	TTN3724HS	TTN6024HS	TTN3724RHS	TTN6024RHS
ELECTRICAL DATA				
POWER SUPPLY (Vdc)	24			
CURRENT DRAW (A)	6	7	6	7
POWER (W)	150		170	
PERFORMANCE DATA				
SPEED (m/s)	0.032	0.027	0.032	0.027
FORCE (N)	1900			
WORKING CYCLE (CYCLES/HOUR)	CONTINUOUS CYCLE			
DIMENSIONAL AND GENERAL DATA				
INGRESS 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



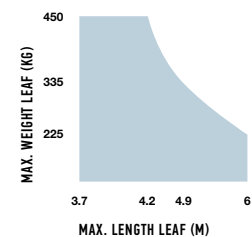
CONTROL SYSTEM AND ACCESSORY COMPATIBILITY TABLE

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									●	●	●	●	●				●	●	●				●		●	●

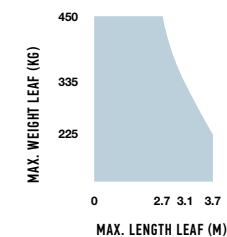
*Radio receiver not compatible with the Opera system

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

TECHNOLOGY AS SIMPLE AS A GESTURE



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