

HOPP

SOLEMYO OPERA BLUEBUS 24V

For swing gates with leaves up to 2.4 m, ideal for large columns.

Irreversible electromechanical 24 Vdc gear motor with articulated arm, surface mounted. Ideal for intensive use.

Two irreversible 24 Vdc versions with micrometric adjustment mechanical stops on opening and closing: with built-in control unit (H07124) and without control unit (H07224).

Powerful thanks to the 250 Nm torque.

Resistant and compact: 180 mm in width, ideal for any kind of post. Small shockproof body with aluminium base.

Sturdy, aluminium anti-shearing arm.

Easy to install: thanks to the new fixing bracket with quick connector for the motor. No welding.

Sophisticated electronics with the built-in control unit, just 3 keys to manage all programming operations:

- obstacle detection and possibility of connecting to 8.2 KOhm sensitive edge, fototest;
- automatic fault diagnostics;
- memorisation of opening and closing travel limits in self-learning mode;
- possibility of configuring the stop input in self-learning mode, NO, NC and the latest generation 8.2 KOhm resistive sensitive edges;
- deceleration on opening and closing;
- simple connection of pairs of additional photocells, foto2;
- programming of pause time;
- pedestrian open and partial open;
- clutch with anti-crushing safety mechanism.

Energy saving with no black outs:

3 standby modes to reduce mains consumption, or battery power consumption if connected to the Solemyo kit. Operation in the event of a power failure thanks to the optional batteries (PS124).

Everything under control: thanks to compatibility for operation with Opera system BUS T4, the unit can be used to expand the options of programming, control and diagnostics of the automation on site and remotely.



CODE	DESCRIPTION	PACK/PALLET
H07124	IRREVERSIBLE 24 Vdc, COMPLETE WITH ARTICULATED ARM AND BUILT-IN CONTROL UNIT	12
H07224	IRREVERSIBLE 24 Vdc, COMPLETE WITH ARTICULATED ARM WITHOUT CONTROL UNIT	12

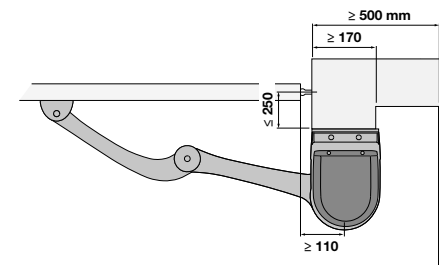
N.B. The content of the package may vary: consult the retailer.

TECHNICAL SPECIFICATIONS

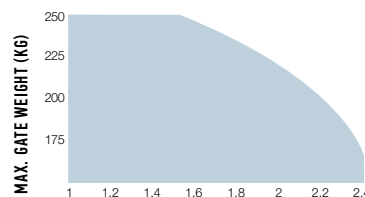
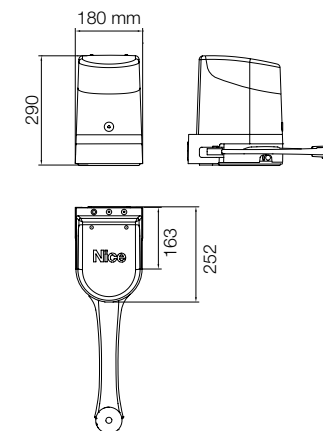
CODE	H07124	H07224
ELECTRICAL DATA		
POWER SUPPLY (Vac 50/60 Hz)	230	-
POWER SUPPLY (Vdc)	-	24
ABSORPTION (A)	1.3	4
POWER (W)	280	100
PERFORMANCE DATA		
SPEED (rpm)	1.68	
TORQUE (Nm)	250	
WORK CYCLE (CYCLES/HOUR)	35	
DIMENSIONAL AND GENERAL DATA		
PROTECTION LEVEL (IP)	54	
WORKING TEMP. (°C MIN/MAX)	-20 ÷ +50	
DIMENSIONS (mm)	252x180x290 h	
WEIGHT (kg)	9	6.5

* Version without control unit, only if associated with PP7124

UTILISATION LIMITS



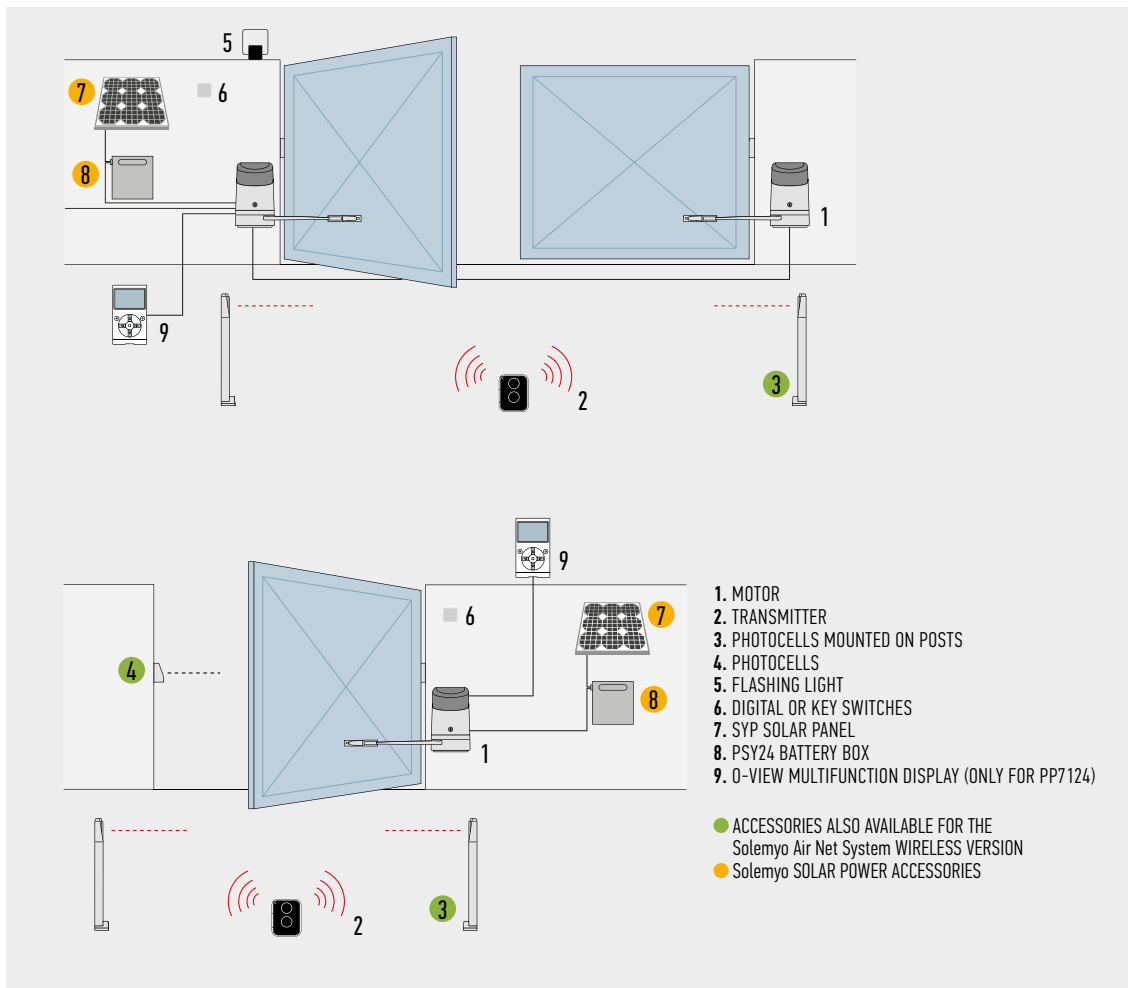
DIMENSIONS



MAX. GATE LENGTH (M)

The shape, the height of the gate and the weather conditions can considerably reduce the values shown in the graph to the side.

INSTALLATION DIAGRAM



COMPATIBILITY TABLE WITH CONTROL SYSTEMS AND ACCESSORIES

CODE	RECEIVER		TRANSMITTER				PHOTOCELLS								FLASHING LIGHT						
	Built-in*	FLOX12R*	OXI	ERA INTI	ERA ONE	ERA FLOR	NICEMWAY	EPS	EPM	EPL	EPSB	EPMB	EPLB	F210	FT210	F210B	FT210B	EL	EL24	ELB	WLT
H07124			●	●	●	●	●				●	●	●			●				●	●

*Radio receiver incompatible with Opera system

ACCESSORIES



POA3
SPARE CONTROL UNIT FOR H07174.



PS124
24 V BATTERY WITH INTEGRATED BATTERY CHARGER.

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



KIO
KEY-OPERATED SELECTOR SWITCH FOR LOW VOLTAGE CONTACTS, WITH RELEASE MECHANISM FOR METAL CORD.

PC/PACK 1



KA1
6 m CABLE RELEASE KIT FOR KIO.

PC/PACK 1



TS
SIGNBOARD.

PC/PACK 1



KIT SOLEMYO
THE SOLAR POWER TO AUTOMATE GATES, GARAGE DOORS OR BARRIER GATES. SEE PAGE 200

HOPPKIT

SOLEMYO OPERA BLUEBUS 24V

For swing gates with leaves up to 2.4 m, ideal for large columns.

Irreversible electromechanical 24 Vdc gear motor with articulated arm, surface mounted. Ideal for intensive use.

Two irreversible 24 Vdc versions with micrometric adjustment mechanical stops on opening and closing: with built-in control unit (H07124) and without control unit (H07224).

Powerful thanks to the 250 Nm torque.

Resistant and compact: 180 mm in width, ideal for any kind of post. Small shockproof body with aluminium base.

Sturdy, aluminium anti-shearing arm.

Easy to install: thanks to the new fixing bracket with quick connector for the motor. No welding.

- Sophisticated electronics with the built-in control unit,** just 3 keys to manage all programming operations:
- obstacle detection and possibility of connecting to 8.2 KOhm sensitive edge, fototest;
 - automatic fault diagnostics;
 - memorisation of opening and closing travel limits in self-learning mode;
 - possibility of configuring the stop input in self-learning mode, NO, NC and the latest generation 8.2 KOhm resistive sensitive edges;
 - deceleration on opening and closing;
 - simple connection of pairs of additional photocells, foto2;
 - programming of pause time;
 - pedestrian open and partial open;
 - clutch with anti-crushing safety mechanism.

Energy saving with no black outs:
3 standby modes to reduce mains consumption, or battery power consumption if connected to the Solemyo kit. Operation in the event of a power failure thanks to the optional batteries (PS124).

Everything under control: thanks to compatibility for operation with Opera system BUS T4, the unit can be used to expand the options of programming, control and diagnostics of the automation on site and remotely.

NEW The new Era Gate accessories, with a minimal, modern and discreet design, renovate Nice kits' style and performance. Discover the complete range at page 184

THE KIT CONTAINS:

H07124 + H07224, 2 SURFACE-MOUNTED ELECTROMECHANICAL GEAR MOTORS: H07124 (WITH CONTROL UNIT AND OXI PLUG-IN RECEIVER), H07224 (WITHOUT CONTROL UNIT).



ON2E
1 TRANSMITTER 433.92 MHz,
2 CHANNELS.



NEW
EPMB
1 COUPLE OF EXTERNAL
PHOTOCELLS DESIGNED
FOR CONNECTION BY NICE
BLUEBUS.



NEW
ELB
1 FLASHING LIGHT WITH
INTEGRATED AERIAL.



CODE	DESCRIPTION	PACK/PALLET
HOPPKCE	KIT FOR THE AUTOMATION OF SWING GATES WITH LEAVES UP TO 2.4 m, 24 Vdc, EXTERNALLY MOUNTED	12

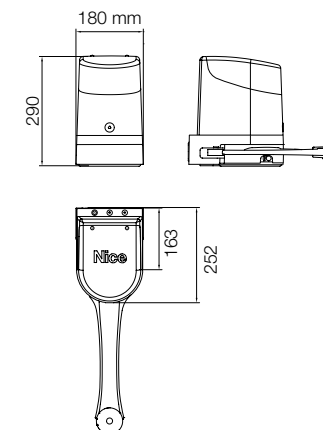
N.B. The content of the package may vary: consult the retailer.

TECHNICAL SPECIFICATIONS

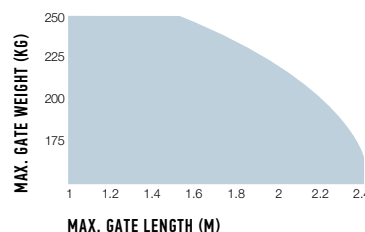
CODE	H07124	H07224
ELECTRICAL DATA		
POWER SUPPLY (Vac 50/60 Hz)	230	-
POWER SUPPLY (Vdc)	-	24
ABSORPTION (A)	1.3	4
POWER (W)	280	100
PERFORMANCE DATA		
SPEED (rpm)	1.68	
TORQUE (Nm)	250	
WORK CYCLE (CYCLES/HOUR)	35	
DIMENSIONAL AND GENERAL DATA		
PROTECTION LEVEL (IP)	54	
WORKING TEMP. (°C MIN/MAX)	-20 ÷ +50	
DIMENSIONS (mm)	252x180x290 h	
WEIGHT (kg)	9	6.5

* Version without control unit, only if associated with PP7124

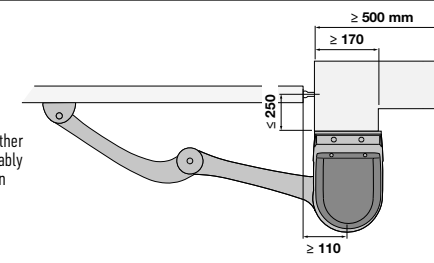
DIMENSIONS



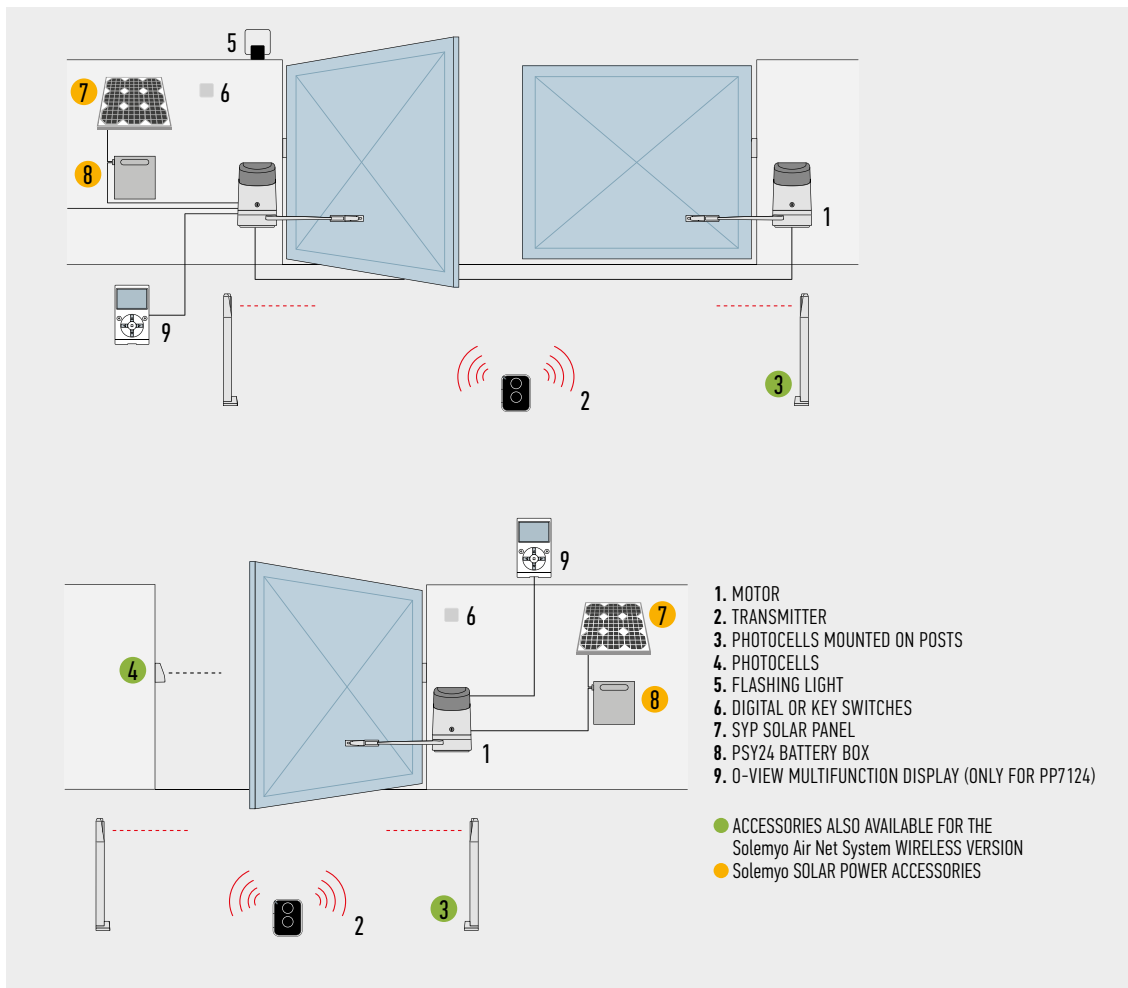
UTILISATION LIMITS



The shape, the height of the gate and the weather conditions can considerably reduce the values shown in the graph to the side.



INSTALLATION DIAGRAM



ACCESSORIES



POA3
 SPARE CONTROL UNIT
 FOR H07174.



PS124
 24 V BATTERY
 WITH INTEGRATED
 BATTERY CHARGER.

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



KIO
 KEY-OPERATED SELECTOR
 SWITCH FOR LOW VOLTAGE
 CONTACTS, WITH RELEASE
 MECHANISM FOR METAL
 CORD.

PC/PACK 1



KA1
 6 m CABLE RELEASE KIT
 FOR KIO.

PC/PACK 1



TS
 SIGNBOARD.

PC/PACK 1



KIT SOLEMYO
 THE SOLAR POWER TO
 AUTOMATE GATES, GARAGE
 DOORS OR BARRIER GATES.
 SEE PAGE 200

For swing gates with leaves up to 3.5 m, ideal for large columns.

Irreversible electromechanical 24 Vdc gearmotor with articulated arm, surface mounted. Ideal for intensive use.

Reliable, durability thanks to the housing in aluminium with polyester paint finish, resistant to atmospheric agents.

Ultra-powerful and delicate: thanks to the torque of 500 Nm and encoder technology, for millimetric precision and reliability. Safety in movement with dual technology obstacle detection.



Adjustable anti-crushing arm

ADJUSTABLE ANTI-CRUSHING ARM



Two irreversible 24 Vdc versions with limit switches on opening and closing: with built-in control unit (HK7024) and without control unit (HK7224).

Practical and quick installation: the articulated arm is adjustable in length for maximum flexibility.

Simple and precise limit switch adjustment: mechanical stops and micrometric adjustment screws.

Easy to operate release lever, with metal lock and personalised Nice key. With provision for cable control.

Savings, respect for the environment, and autonomy: when connected to the buffer battery or Solemyo kit, consumption on standby is just 0.1 W.

No black out: with the optional batteries (PS124) housed inside the gear motor.

Built-in control unit (HK7024):

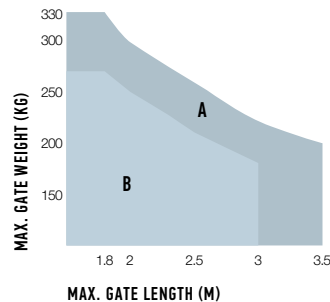
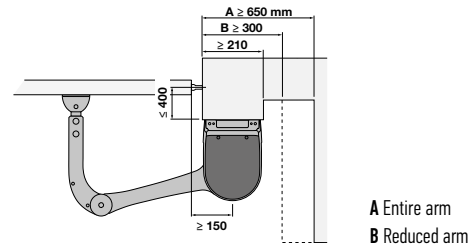
- simple programming via a single key;
- self-learning of opening and closing limit positions;
- automatic fault diagnostics;
- pause time programming;
- pass door;
- deceleration on opening and closing;
- obstacle detection with dual technology;
- provision for connection of latest generation sensitive edges.

CODE	DESCRIPTION	PACK/PALLET
HK7024	IRREVERSIBLE 24 Vdc, COMPLETE WITH ARTICULATED ARM AND BUILT-IN CONTROL UNIT	12
HK7224	IRREVERSIBLE 24 Vdc, COMPLETE WITH ARTICULATED ARM WITHOUT CONTROL UNIT	12

TECHNICAL SPECIFICATIONS

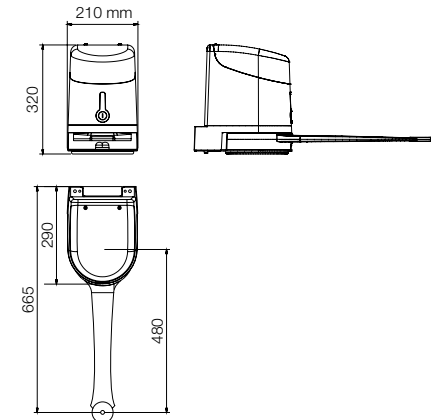
CODE	HK7024	HK7224
ELECTRICAL DATA		
POWER SUPPLY (Vac 50/60 Hz)	230	-
POWER SUPPLY (Vdc)	-	24
ABSORPTION (A)	1.5	6
POWER (W)	300	140
PERFORMANCE DATA		
SPEED (rpm)	1.5	
TORQUE (Nm)	500	
WORK CYCLE (CYCLES/HOUR)	40	
DIMENSIONAL AND GENERAL DATA		
PROTECTION LEVEL (IP)	54	
WORKING TEMP. (°C MIN/MAX)	-20 ÷ +50	
DIMENSIONS (mm)	290x210x320 h	
WEIGHT (kg)	10.5	9.5

UTILISATION LIMITS

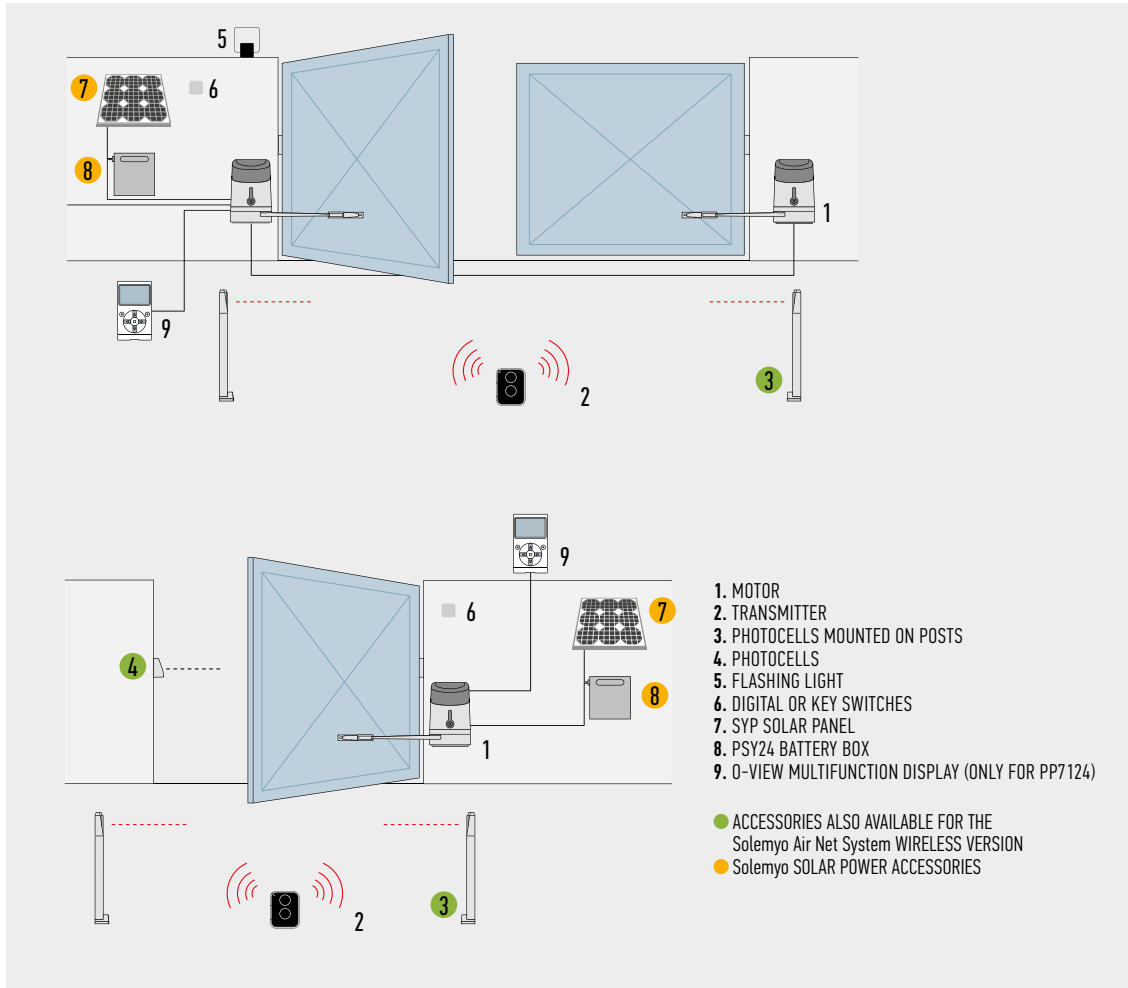


The shape, the height of the gate and the weather conditions can considerably reduce the values shown in the graph to the side.

DIMENSIONS



INSTALLATION DIAGRAM



COMPATIBILITY

CODE

HK7024

RECEIVER	TRANSMITTER	PHOTOCELLS								FLASHING LIGHT				
Built-in*	FLOX2R*	●	●	●	●	●	●	●	●	●	●	●	●	●
OXI	ERA INTI	●	●	●	●	●	●	●	●	●	●	●	●	●
ERA ONE	ERA FLOR	●	●	●	●	●	●	●	●	●	●	●	●	●
NICEWAY	EPS	●	●	●	●	●	●	●	●	●	●	●	●	●
EPMB	EPL	●	●	●	●	●	●	●	●	●	●	●	●	●
F210	FT210	●	●	●	●	●	●	●	●	●	●	●	●	●
F210B	EL	●	●	●	●	●	●	●	●	●	●	●	●	●
EL24	ELB	●	●	●	●	●	●	●	●	●	●	●	●	●
WLT		●	●	●	●	●	●	●	●	●	●	●	●	●

*Radio receiver incompatible with Opera system

ACCESSORIES



HKA1
SPARE CONTROL UNIT FOR HK7024.



PS124
24 V BATTERY WITH INTEGRATED BATTERY CHARGER.

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



KIO
KEY-OPERATED SELECTOR SWITCH FOR LOW VOLTAGE CONTACTS, WITH RELEASE MECHANISM FOR METAL CORD.

PC/PACK 1



KA1
6 m CABLE RELEASE KIT FOR KIO.

PC/PACK 1



TS
SIGNBOARD.

PC/PACK 1



KIT SOLEMYO
THE SOLAR POWER TO AUTOMATE GATES, GARAGE DOORS OR BARRIER GATES. SEE PAGE 200

HYKEKIT

SOLEMYO OPERA BLUEBUS 24V

For swing gates with leaves up to 3.5 m, ideal for large columns.

Irreversible electromechanical 24 Vdc gear motor with articulated arm, surface mounted. Ideal for intensive use.

Quality and durability thanks to the housing in aluminium with polyester paint finish, resistant to atmospheric agents.

Ultra-powerful and delicate: thanks to the torque of 500 Nm and encoder technology, for millimetric precision and reliability. Safety in movement with dual technology obstacle detection.

Two irreversible 24 Vdc versions with limit switches on opening and closing: with built-in control unit (HK7024) and without control unit (HK7224).



Adjustable anti-crushing arm

Practical and quick installation: the articulated arm is adjustable in length for maximum flexibility.

Simple and precise limit switch adjustment: mechanical stops and micrometric adjustment screws.

Easy to operate release lever, with metal lock and personalised Nice key. With provision for cable control.

Savings, respect for the environment, and autonomy: when connected to the buffer battery or Solemyo kit, consumption on standby is just 0.1 W.

No black out: with the optional batteries (PS124) housed inside the gear motor.

Built-in control unit (HK7024):

- simple programming via a single key;
- self-learning of opening and closing limit positions;
- automatic fault diagnostics;
- pause time programming;
- pass door;
- deceleration on opening and closing;
- obstacle detection with dual technology;
- provision for connection of latest generation sensitive edges.

NEW The new Era Gate accessories, with a minimal, modern and discreet design, renovate Nice kits' style and performance.

Discover the complete range at page 184

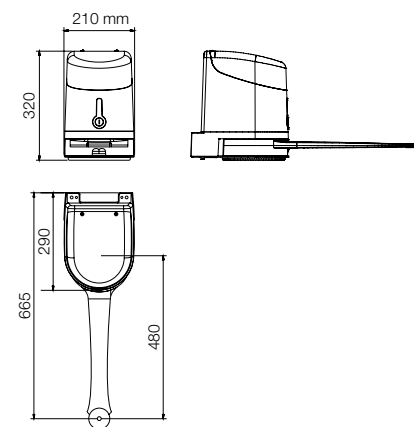
CODE	DESCRIPTION	PACK/PALLET
HYKEKCE	KIT FOR THE AUTOMATION OF SWING GATES WITH LEAVES UP TO 3.5 m, 24 Vdc, WITH ARTICULATED ARM, EXTERNALLY MOUNTED	12

N.B. The content of the package may vary: consult the retailer.

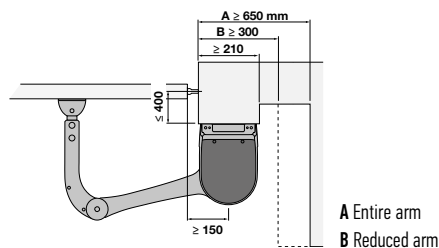
TECHNICAL SPECIFICATIONS

CODE	HK7024	HK7224
ELECTRICAL DATA		
POWER SUPPLY (Vac 50/60 Hz)	230	-
POWER SUPPLY (Vdc)	-	24
ABSORPTION (A)	1.5	6
POWER (W)	300	140
PERFORMANCE DATA		
SPEED (rpm)	1.5	
TORQUE (Nm)	500	
WORK CYCLE (CYCLES/HOUR)	40	
DIMENSIONAL AND GENERAL DATA		
PROTECTION LEVEL (IP)	54	
WORKING TEMP. (°C MIN/MAX)	-20 ÷ +50	
DIMENSIONS (mm)	290x210x320 h	
WEIGHT (kg)	10,5	9,5

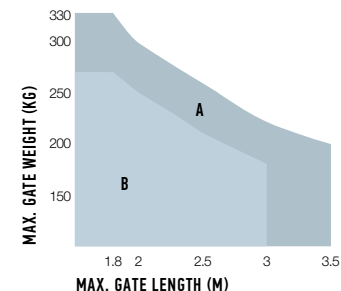
DIMENSIONS



UTILISATION LIMITS



A Entire arm
B Reduced arm



The shape, the height of the gate and the weather conditions can considerably reduce the values shown in the graph to the side.

THE KIT CONTAINS:

HK7024 + HK7224
ELECTROMECHANICAL GEAR MOTORS FOR EXTERNAL MOUNTING. HK7024 (WITH CONTROL UNIT AND SNAP-FIT RECEIVER OXI), HK7224 (WITHOUT CONTROL UNIT).



ON2E
1 TRANSMITTER 433.92 MHz, 2 CHANNELS.



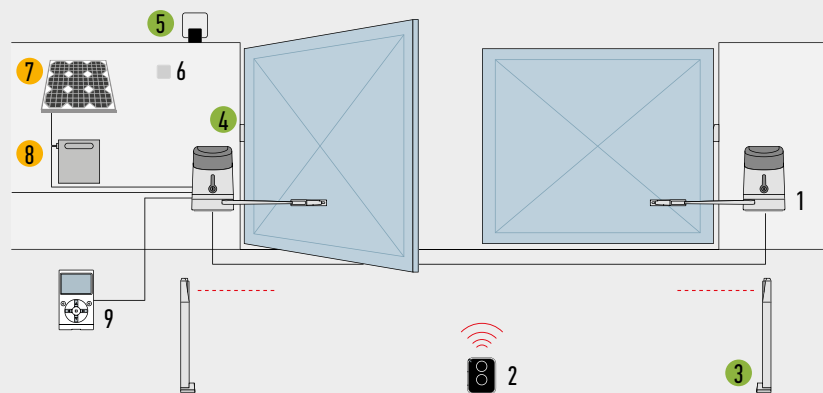
NEW
EPMB
1 COUPLE OF EXTERNAL PHOTOCELLS DESIGNED FOR CONNECTION BY NICE BLUEBUS.



NEW
ELB
1 FLASHING LIGHT WITH INTEGRATED AERIAL.



INSTALLATION DIAGRAM



1. MOTOR
2. TRANSMITTER
3. PHOTOCELLS MOUNTED ON POSTS
4. PHOTOCELLS
5. FLASHING LIGHT
6. DIGITAL OR KEY SWITCHES
7. SYP SOLAR PANEL
8. PSY24 BATTERY BOX
9. O-VIEW MULTIFUNCTION DISPLAY

- ACCESSORIES ALSO AVAILABLE FOR THE Solemyo Air Net System WIRELESS VERSION
- Solemyo SOLAR POWER ACCESSORIES

ACCESSORIES



HKA1
SPARE CONTROL UNIT FOR HK7024.



PS124
24 V BATTERY WITH INTEGRATED BATTERY CHARGER.
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



KIO
KEY-OPERATED SELECTOR SWITCH FOR LOW VOLTAGE CONTACTS, WITH RELEASE MECHANISM FOR METAL CORD.
PC/PACK 1



KA1
6 m CABLE RELEASE KIT FOR KIO.
PC/PACK 1



TS
SIGNBOARD.
PC/PACK 1



KIT SOLEMYO
THE SOLAR POWER TO AUTOMATE GATES, GARAGE DOORS OR BARRIER GATES. SEE PAGE 200

HYPPO 7000

SOLEMYO OPERA BLUEBUS 24V 230V

For swing gates with leaves up to 3 m, also ideal for large pillars.

Electromechanical gear motor, surface mounted, also in 24 Vdc version with magnetic encoder, with articulated arm.

Single model for right and left leaves.

Two irreversible versions, with 230 Vac (HY7005) and 24 Vdc (HY7024) power supplies with magnetic encoder.

Fewer connections mean **quicker installation.**

Pre-wired, incorporated double limit-switch both during opening and closing (HY7005).

Easy and quick to install: thanks to fewer connections and nothing welded to the gates.

Long-lasting: solid metal mechanics.

Compact: shockproof bodywork with no sharp corners.

Recommended control units:

Mindy A6F, A60, A700F;
for HY7024 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.



DIE-CAST, ALUMINIUM, KEY-OPERATED UNLOCK SYSTEM, COMPLETE WITH PROTECTED KEY. DESIGNED TO ACCOMMODATE EXTERNAL RELEASE, TOO

STURDY, ANTI-SHEARING ARM, GALVANISED AND PAINTED; STRENGTHENED IN THOSE AREAS SUBJECTED TO GREATER MECHANICAL STRESS

CODE	DESCRIPTION	PACK/PALLET
HY7024	IRREVERSIBLE, 24 Vdc, WITH MAGNETIC ENCODER, WITH SHEAR-PROOF ARTICULATED ARM, GALVANIZED AND PAINTED	16
HY7005	IRREVERSIBLE, 230 Vac, WITH STURDY ARTICULATED SHEAR-PROOF ARM, GALVANIZED AND PAINTED, WITH LIMIT SWITCH ON OPENING AND CLOSING	16

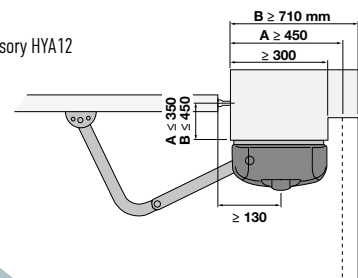
TECHNICAL SPECIFICATIONS

CODE	HY7024	HY7005
ELECTRICAL DATA		
POWER SUPPLY (Vac 50 Hz)*	-	230
POWER SUPPLY (Vdc)	24	-
ABSORPTION (A)	5	1.2
POWER (W)	120	250
PERFORMANCE DATA		
SPEED (rpm)	2	1.7
TORQUE (Nm)	250	400
WORK CYCLE (%)	80	30
DIMENSIONAL AND GENERAL DATA		
PROTECTION LEVEL (IP)	43	
WORKING TEMP. (°C MIN/MAX)	-20 ÷ +50	
DIMENSIONS (mm)	350x165x242 h	
WEIGHT (kg)	13	

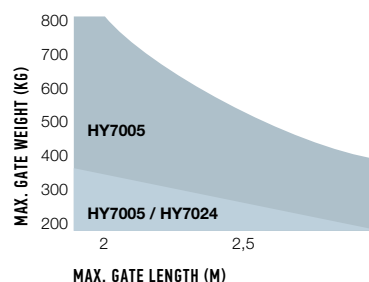
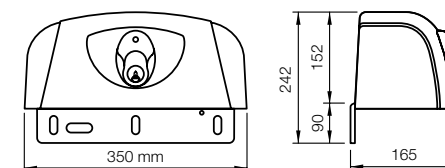
*60 Hz version available on request.

UTILISATION LIMITS

- A Standard arm
- B Arm with accessory HYA12

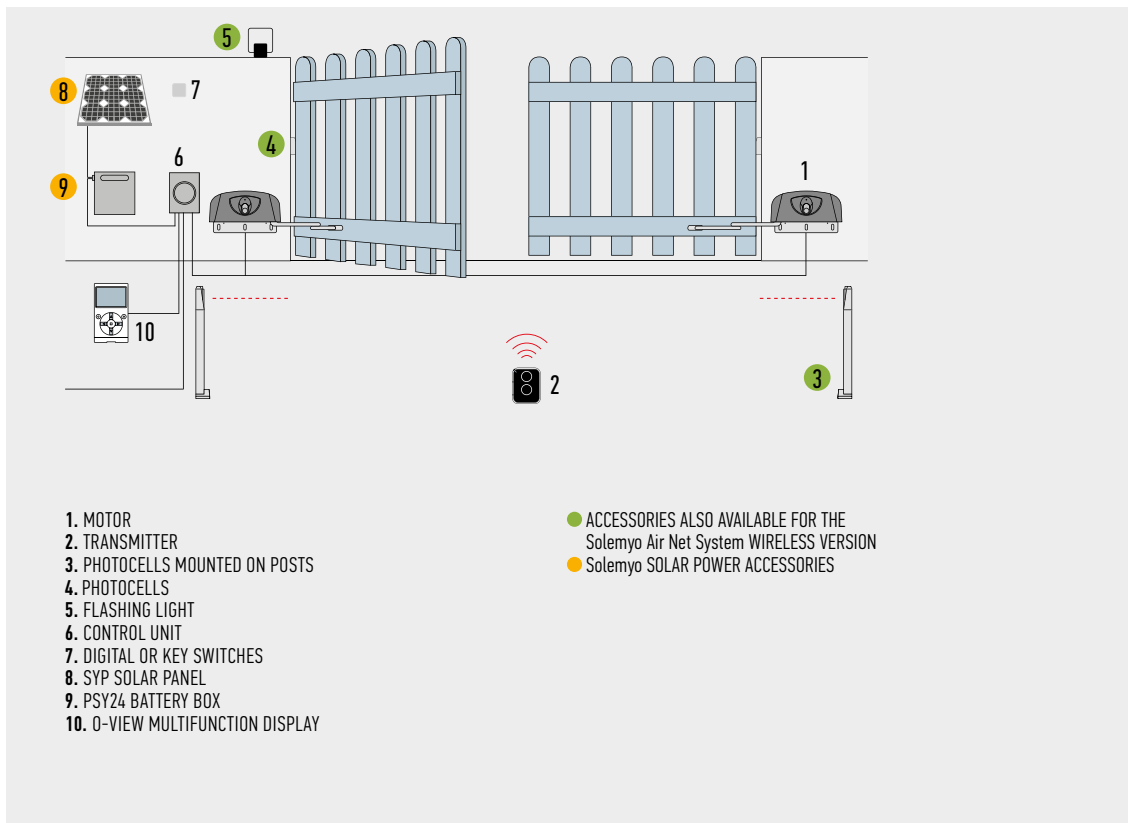


DIMENSIONS



N.B. The above values are valid if the motor is used with standard accessories. 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.

INSTALLATION DIAGRAM



COMPATIBILITY TABLE WITH CONTROL SYSTEMS AND ACCESSORIES

CODE	CONTROL UNIT / RECEIVER										TRANSMITTER				PHOTOCELLS							FLASHING LIGHT						
	A01 / Built-in*	A02 / Built-in*	A6F / FLOX12R*	A700F / FLOX12R*	A60 / OXI-SMXI*	A500 / FLOX12R*	A924 / FLOX12R*	MC424L / OXI	MC824H / OXI	MC824HR / OXI	ERA INTI	ERA ONE	ERA FLOR	NICEWAY	EPS	EPM	EPL	EPS8	EPMB	EPLB	F210	F210	F210B	F210B	EL	EL24	ELB	WLT
HY7024											●	●	●	●				●	●	●								
HY7005			●	●	●					●	●	●	●	●	●	●		●	●	●	●	●	●	●		●	●	●

*Radio receiver incompatible with Opera system

ACCESSORIES



HYA12
LONGER ARTICULATED ARM
(SEE THE LAYOUT).
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



KIO
KEY-OPERATED SELECTOR
SWITCH FOR LOW VOLTAGE
CONTACTS, WITH RELEASE
MECHANISM FOR METAL
CORD.
PC/PACK 1

ACCESSORY

For 24 Vdc version



KA1
6 m CABLE RELEASE KIT
FOR KIO.
PC/PACK 1



TS
SIGNBOARD.
PC/PACK 1



PS324
24 V BATTERY
WITH INTEGRATED
BATTERY CHARGER.
PC/PACK 1



KIT SOLEMYO
THE SOLAR POWER TO
AUTOMATE GATES, GARAGE
DOORS OR BARRIER GATES.
SEE PAGE 200