



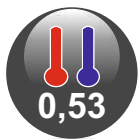
GARAGE DOORS

PRODUCT CATALOG

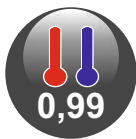




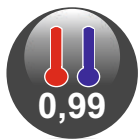
thickness



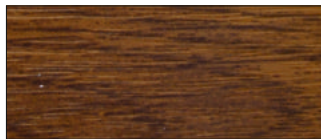
section



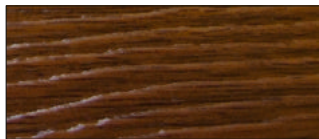
gate leaf



mounted gate *

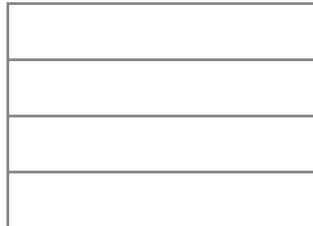


smooth

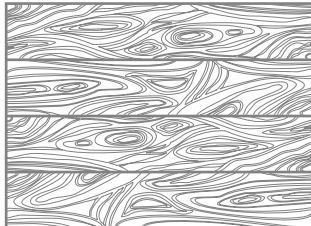


embossed wood texture

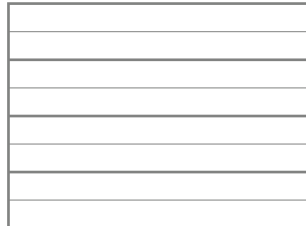
Available patterns of panels:



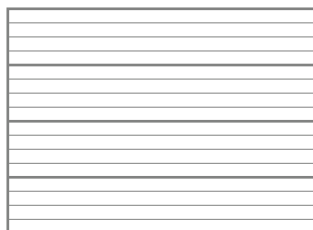
Smooth flat



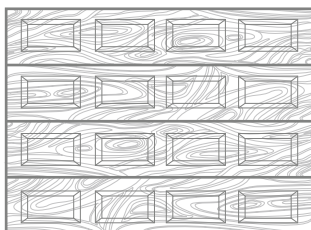
Embossed wood structure
(not available with applications)



Horizontal - I



Horizontal - III



Coffer
(embossed wood structure)

Available colors:



Gold oak



Winchester



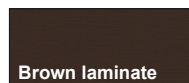
Mahogany



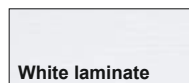
Wenge



Dark walnut



Brown laminate



White laminate



Metallic graphite



Walnut*

*Not available for front doors



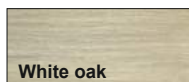
Anthracite



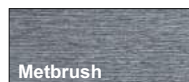
Dark oak



Gray



White oak



Metbrush



Smooth, flat gate



11s1



Smooth door, horizontal panel I



6s



Embossed wood texture



Joints between panels



Smooth door, horizontal panel III



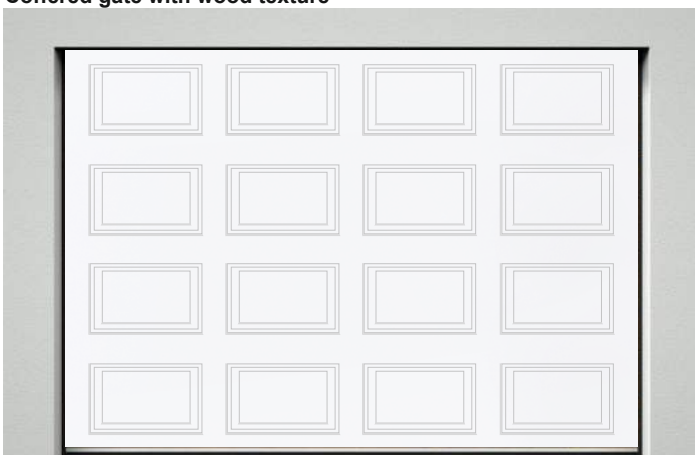
11s12



Handles



Coffered gate with wood texture



5ds



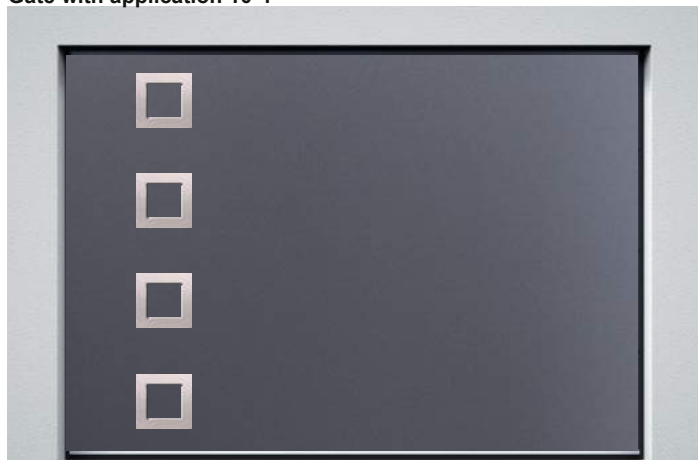
The perfect combination of gates and doors

- identical colors
- modern look
- individual composition

(more door designs available in the Composite Doors Product Catalogue)

Applications are only available only for flat, smooth gates.

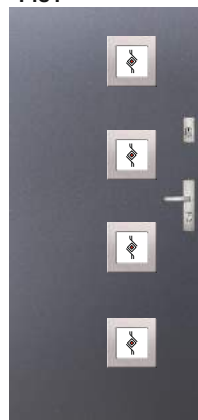
Gate with application 10-4



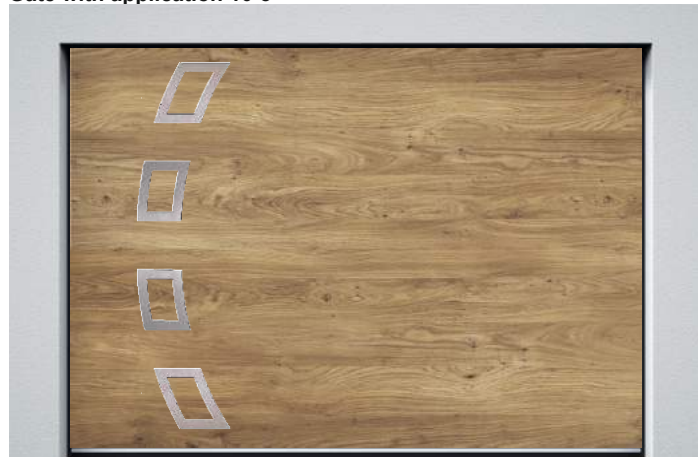
10s4



14s1



Gate with application 10-5



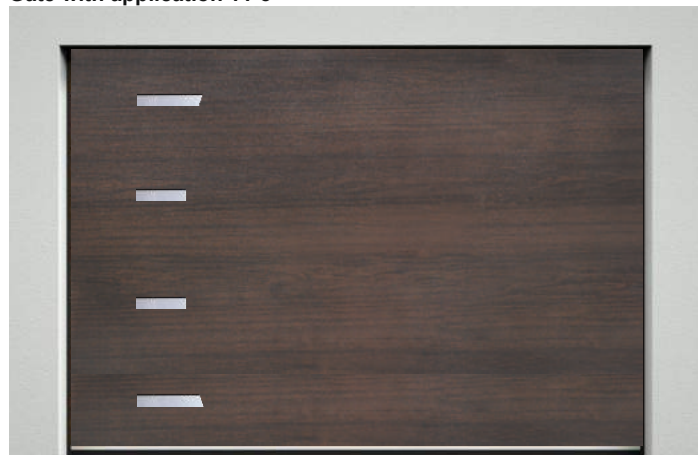
10-5



10s5



Gate with application 11-5



11-5



11s5



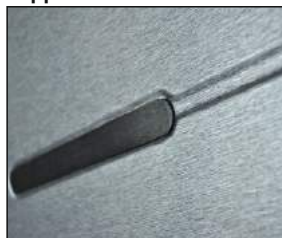
Application Perfect 1 inox



Application Perfect 1 black

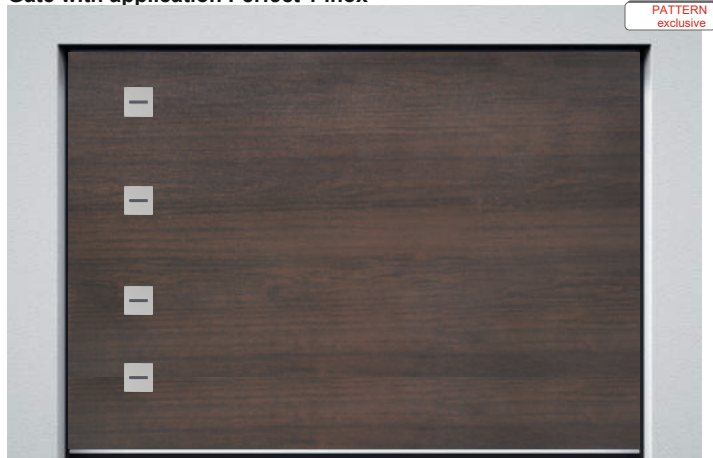


Application Perfect 3 inox



* **NOTE:** It is not possible to apply Perfect 1 and Perfect 3 applications to gates in White or Winchester as well as to gates over 3000 mm high.

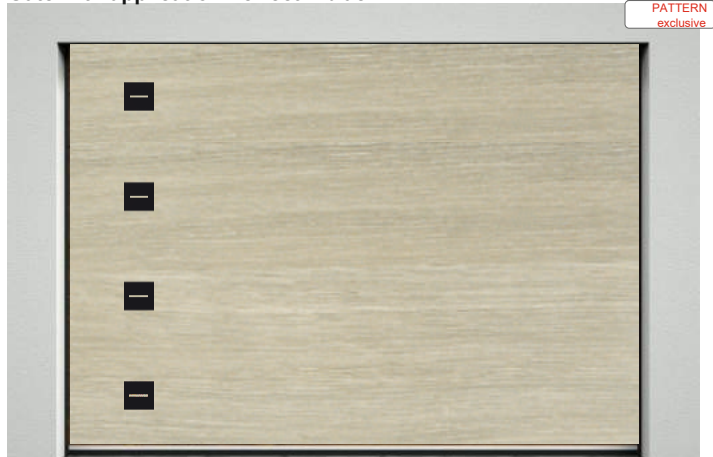
Gate with application Perfect 1 inox



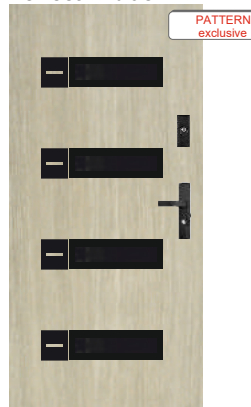
Perfect 1 inox



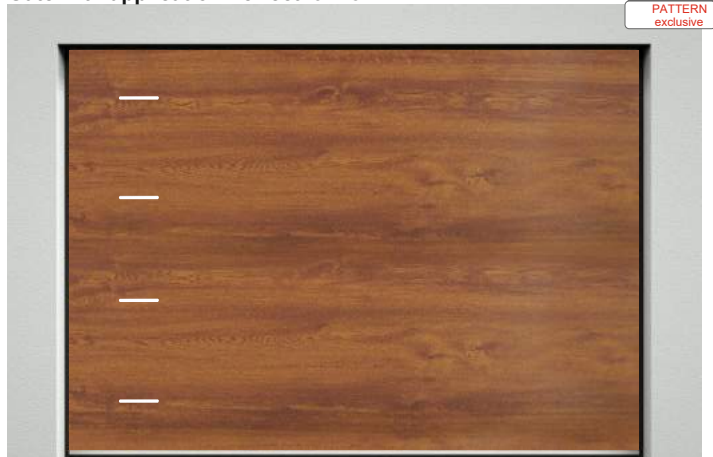
Gate with application Perfect 1 black



Perfect 2 black



Gate with application Perfect 3 inox



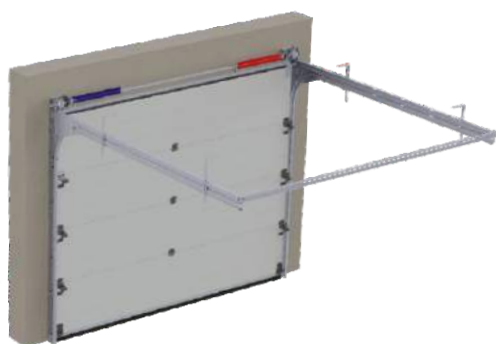
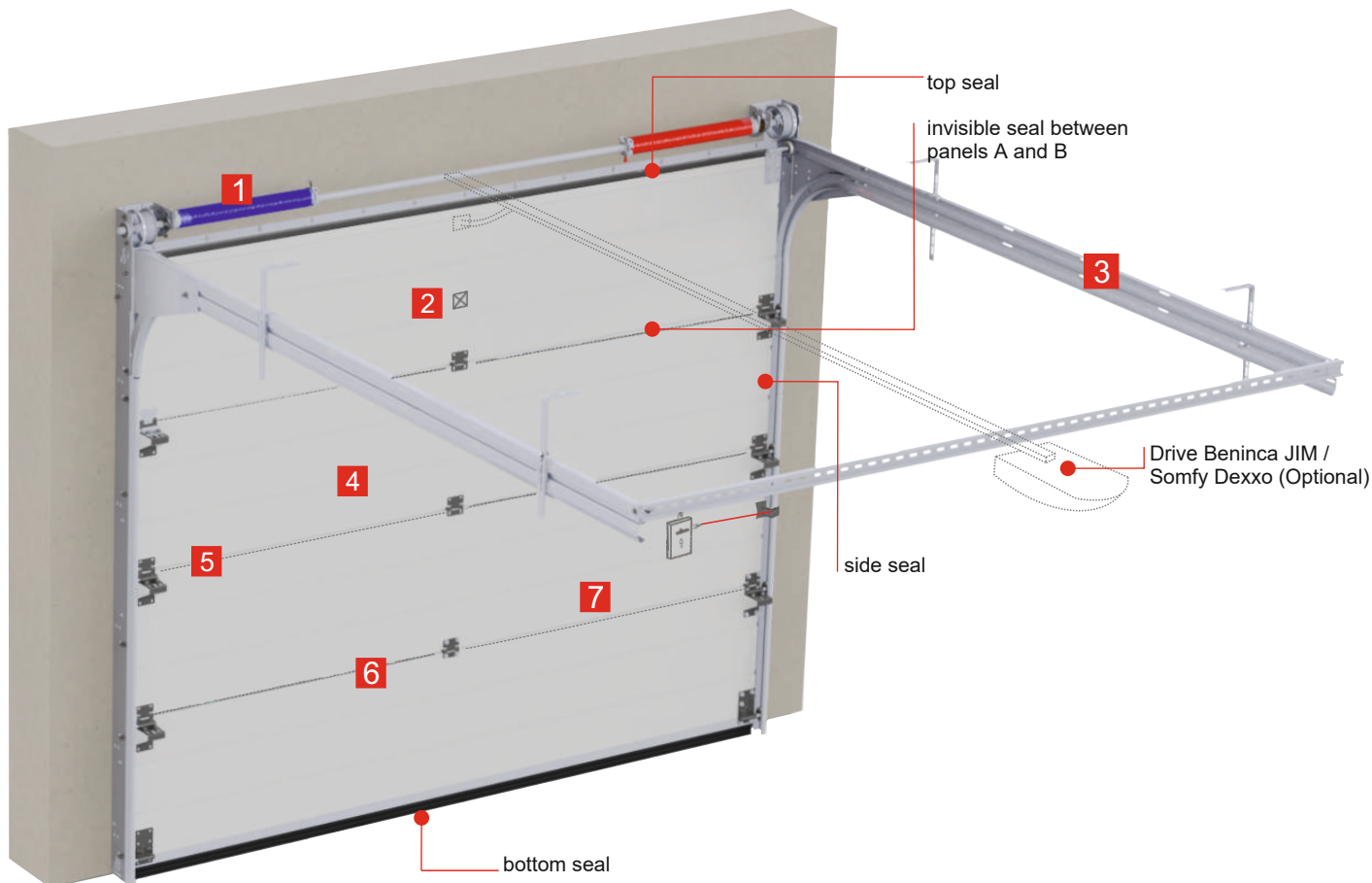
Perfect 3 inox



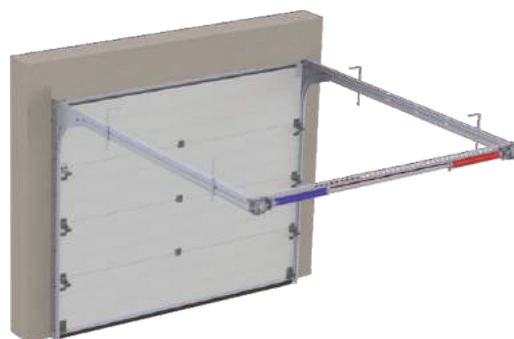
Applications are only available only for flat, smooth gates.



CONSTRUCTION OF SECTIONAL GATE



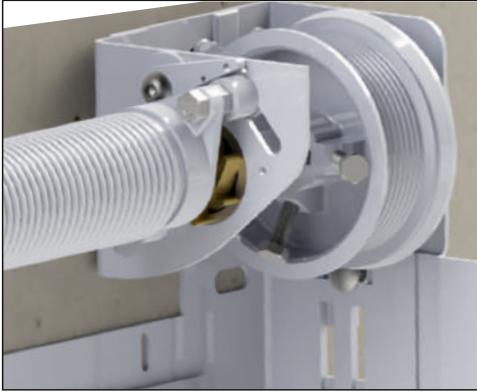
System: torsion springs at the front



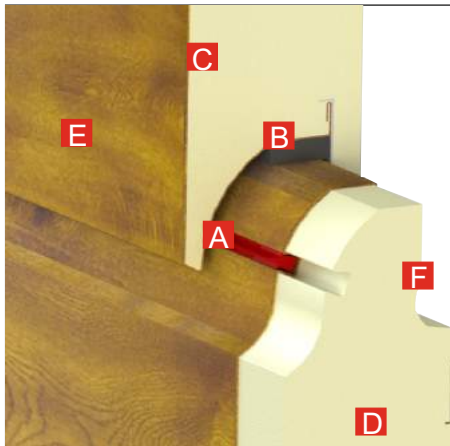
System: torsion springs at the rear

Savings according to the latest standards.

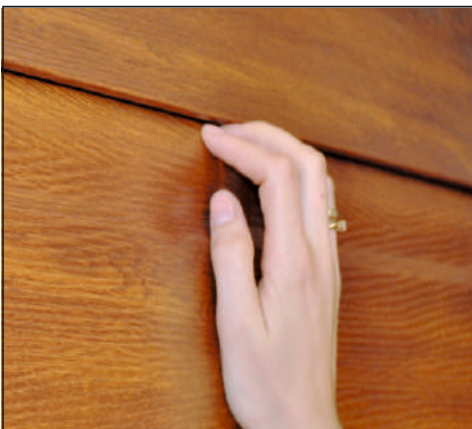
The panel thickness of 45 mm ensures excellent insulation properties. Four types of flexible gaskets protect the interior from the effects of weather. The sectional door is windproof for a minimum of in 2nd class according to PN-EN 12424: 2002. The door panel is made of the highest quality materials, thanks to which both its design and appearance will meet your expectations for a long period of use.



Each torsion spring is equipped with special devices that will stop the door segments from falling suddenly if it breaks.



The door panels are equipped with flexible seals that provide additional heat and sound insulation [A - EPDM seal and B - one side glued seal]. The sectional door has double-wall galvanized steel sheet panels [C]. The space between them is filled with CFC-free polyurethane foam, which is an insulating layer [D]. The outer layer is made of high quality wood-like laminate [E]. The inner side has steel sheet as standard with "orange peel" structure in white [F].



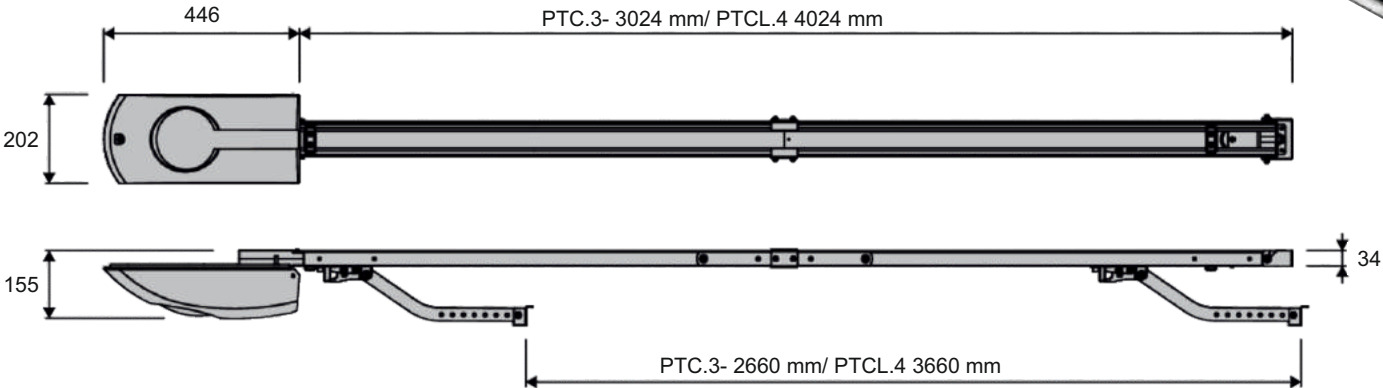
Finger trap protection makes it difficult to accidentally insert them between the door sections.

AUTOMATIC DOORS

Thanks to the latest solutions in the field of automation, our steel garage doors are very functional and comfortable to use. Gate drives are made of the highest quality materials.



BENINCA
AUTOMATYKA DO BRAM



Drive BENINCA JIM.3 (600 N), rail with Kevlar strap (two TOGO 2-channel remote controls included)

- functions and parameters adjustable by means of a potentiometer.
- built-in 433.92 Mhz radio receiver. Possibility uploading 64 fixed and variable codes.
- built-in terminal blocks.
- step by step function, stop and entry onto photocells
- built-in auxiliary lighting
- electronic force regulation
- protection against crushing due to the use of an amperometric sensor
- electronic speed control

TECHNICAL SPECIFICATIONS JIM.3:

Power supply	230 Vac 950-60Hz)
Engine power supply	24 Vdc
Intensity	0.7 A
Energy consumption at rest	60 mA
Maximum strength	600N
Opening time	8.9 m/1`
Work cycle	intensive use
Level of security	IP 40
Operating temperature	-20°C / +50°C
Maximum gate area	10m2/ max
Limit switches	electric. with encoder
Weight	6.2 kg

Beninca JIM.4 (1200 N) rail with Kevlar strap (two TOGO 2-channel remote controls included)

- Built-in LCD display
- Built-in 433.92 Mhz radio receiver. Possibility uploading 64 fixed, variable or ARC codes
- Built-in ESA energy saving system
- Built-in terminal blocks
- Step by step entries, open, close and stop
- 8K2 safety edge input
- Entrance for service lighting, position indicator gates, second radio channel
- Photocell test
- Auto learning function
- Electronic adjustment of actuator parameters with automatic power measurement at every point of the way (STC system)
- Protection against crushing due to the use of an amperometric sensor and encoder connection
- Slowing adjustment during the opening and closing phases
- Function configuration and management of remote controls with advantouch
- Possibility of checking the current number of cycles
- Access code for programming the control panel
- Option to set up a review service reminder

PARAMETRY TECHNICZNE JIM.4ESA:

Power supply	230 Vac 950-60Hz)
Engine power supply	24 Vdc
Intensity	1.5 A
Energy consumption at rest	8 mA
Maximum strength	1200N
Opening time	8.9 m/1`
Work cycle	intensive use
Level of security	IP 40
Operating temperature	-20°C / +50°C
Maximum gate area	20m2/ max
Limit switches	electric. with encoder
Weight	7.6 kg



Pilot TO.GO2A
433,92 Mhz 2-channels,
ARC kod



Pilot TO.GO4A
433,92 Mhz 4-channels
ARC kod



Pilot PNC
Surface



SMART
The housing, which in combination with the new TO.GO remote control is a unique wall-mounted keyboard.



Key switch



photocell PUPILLA



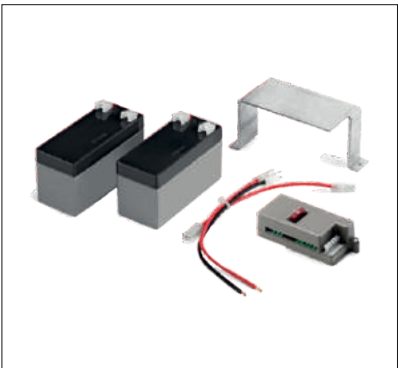
External receiver
Beninca ONE2WB.



LED LAMP
230Vac LED signal lamp
with built-in antenna



TO.CLIP
Car holder for TO.GO
A / VA remote controls



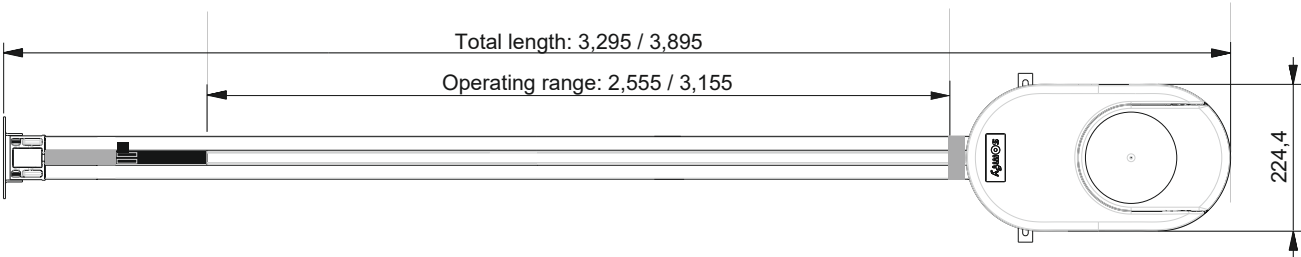
JM.CBY
The set is equipped with a CBY.24V battery charger, two 1.2 Ah batteries and battery holder.

BENINCA drive reference guide

		Width																																
		2125	2250	2375	2500	2625	2750	2875	3000	3125	3250	3375	3500	3625	3750	3875	4000	4125	4250	4375	4500	4625	4750	4875	5000	5125	5250	5375	5500	5625	5750	5830		
Height	2000	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	□	□	□	□	□	□	
	2125	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	□	□	□	□	□	□	□	□	
	2250	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	□	□	□	□	□	□	□	□	□	□	
	2375	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	◇	◇	◇	◇	◇	◇	◇	◇	◇	◇	◇	◇	◇	
	2500	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	◇	◇	◇	◇	◇	◇	◇	◇	◇	◇	◇	◇	◇	◇	
	2625	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
	2750	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
	2875	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
	3000	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
		● - Drive JIM.3 600 N h 2375 mm ○ - Drive JIM.3 600 N h 3000 mm □ - Drive JIM.4 1200 N h 2375 mm ◇ - Drive JIM.4 1200 N h 3000 mm																																



Drive SOMFY Dexxo PRO 800 /1000 PB RTS

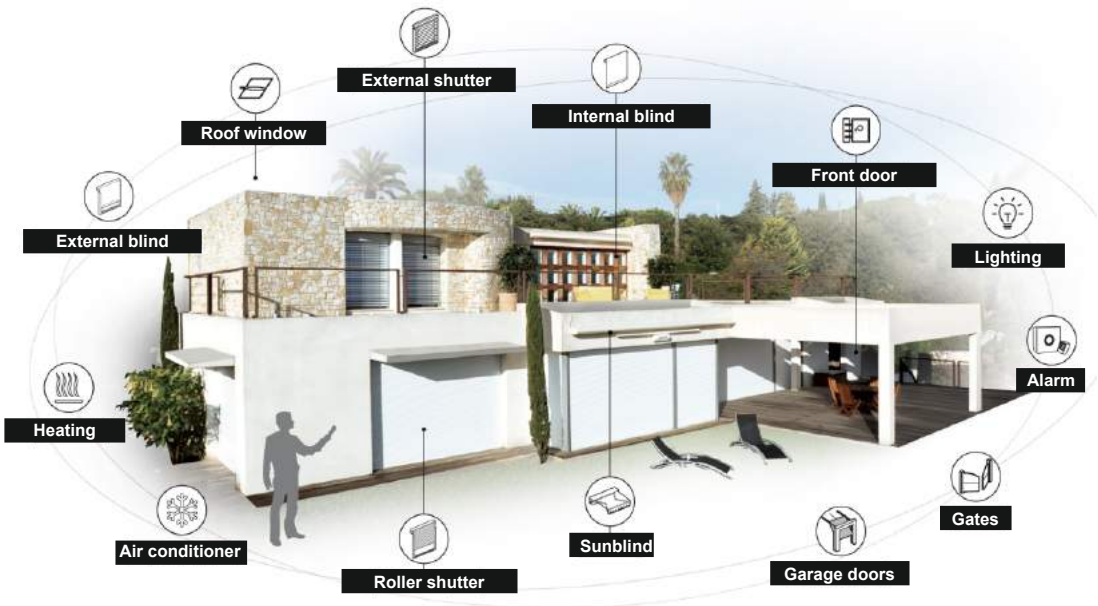


Drive SOMFY DEXXO PRO 800/1000 PB RTS, rail with kevlar strap
(two 4-channel KEYGO remote controls included)

- programming and operation in 90 seconds
- performance optimization: automatic programming
- drive settings
- LCD screen helps in easy and safe use of 17 parameters
- possibility of using a photo-voltaic panel
- all parameters are factory pre-programmed
- obstacle detection sensitivity set
- possibility of partial opening of the gate
- the possibility of attaching multiple devices providing safety and convenience of work
- possibility of installing an emergency power supply in the form of a battery pack
- showing current drive status

TECHNICAL SPECIFICATIONS
SOMFY DEXXO PRO 800/1000 PB RTS:

Power supply	230 Vac (50-60Hz)
Engine power supply	24 Vdc
Maximum working power	600 W
Energy consumption at rest	5 W
Maximum strength	800 N / 1000 N
Opening time	18 cm/s
Work cycle	użycie intensywne
Level of security	IP 40
Operating temperature	-20°C / +60°C
Maximum gate area	15 m2/ max
Limit switches	elektr. z enkoderem
Weight	6,8 kg



AUTOMATIC GATES - options

Applies to drive
Dexxo PRO RTS



Pilot Keygo RTS
433,42 Mhz 4-channels

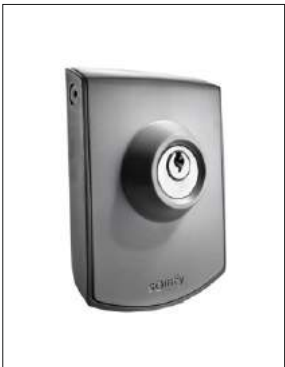
Applies to drive
Dexxo PRO iO



Pilot Keygo iO
433,42 Mhz 4-channels



Wall transmitter RTS/iO



Key switch

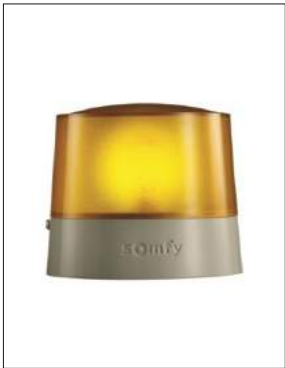


**Photocell
MASTER PRO**



Radio receiver RTS/iO

Smart home - system iO homecontrol



Flashing light



CONNEXOON
Connexoon offers the ability to
manage selected groups of
devices in your home using a
smartphone or tablet - from
anywhere in the world!



TAHOMA
TAHOMA offers the ability to
manage selected groups of
devices in your home using a
smartphone or tablet - from
anywhere in the world!



Battery pack
for emergency gate
opening in case of
power failure

SOMFY drive reference guide

		Width																														
		2125	2250	2375	2500	2625	2750	2875	3000	3125	3250	3375	3500	3625	3750	3875	4000	4125	4250	4375	4500	4625	4750	4875	5000	5125	5250	5375	5500	5625	5750	5830
Height	2000	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	□	□	□	□	□	□
	2125	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	□	□	□	□	□	□	□
	2250	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	□	□	□	□	□	□	□	□	□
	2375	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	◇	◇	◇	◇	◇	◇	◇	◇	◇	◇	◇	◇
	2500	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	◇	◇	◇	◇	◇	◇	◇	◇	◇	◇	◇	◇	◇
	2625	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○														
	2750	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	◇	◇														
2875	○	○	○	○	○	○	○	○	○	○	○	○	○	○	◇	◇	◇															
3000	○	○	○	○	○	○	○	○	○	○	○	○	○	◇	◇	◇	◇															
																				● - DEXXO PRO 800 RTS h 2375 mm ○ - DEXXO PRO 800 RTS h 3000 mm □ - DEXXO PRO 1000 RTS (1000N) h 2375 mm ◇ - DEXXO PRO 1000 RTS (1000N) h 3000 mm												

ADDITIONAL EQUIPMENT FOR GARAGE DOORS

Additional equipment

■

 Standard equipment

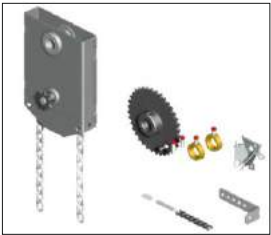
●

 Additional equipment (extra charge)

Gate element	Gate opening type	
	Manual	Automatic
Door panels	■	■
Rail system	■	■
Torsion spring system	■	■
Spring break protection	■	■
Bottom strip with gasket	■	■
Side and top seals	■	■
Hinges and rollers	■	■
Manual latch	●	●
External handle	●	●
Inner handle	●	■
Drive Beninca / SOMFY	●	■
Insert lock	●	●
Handle	●	●
Emergency release lock	●	●
Profile cylinder	●	●
Protection against breakage	●	●
Vent	●	●
Omega (gdy S<4950)	■	■
Winch / chain transmission	●	—



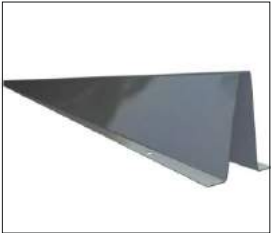
Lock for emergency release of the automatic door



Hoist



Protection against breakage



Reinforcement OMEGA



Manual latch



Vent

External handles

consist of the outer part containing a handle with a signboard and the inner handle (standard)



Old gold



Gold



Brown



Satin



INOX



Black

Door handles with lock insert

consist of the outer part containing a handle with a signboard and the inner handle (standard)



Old gold



Gold



Brown



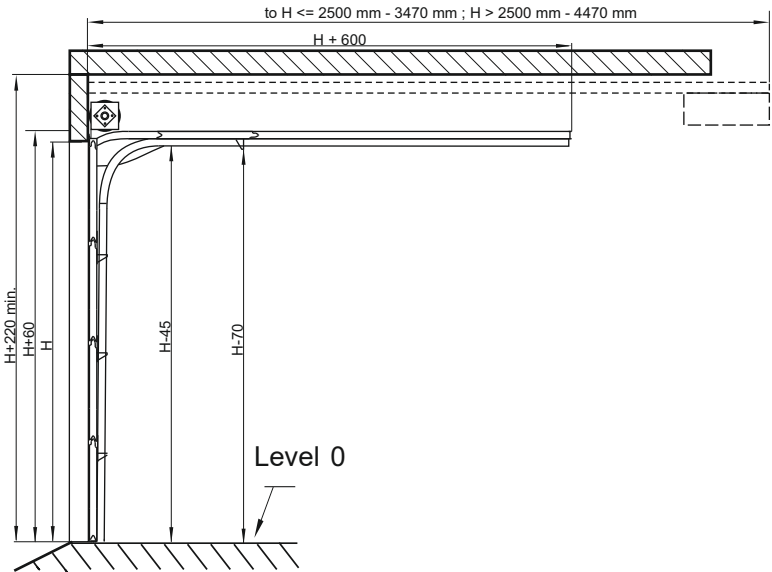
Satin



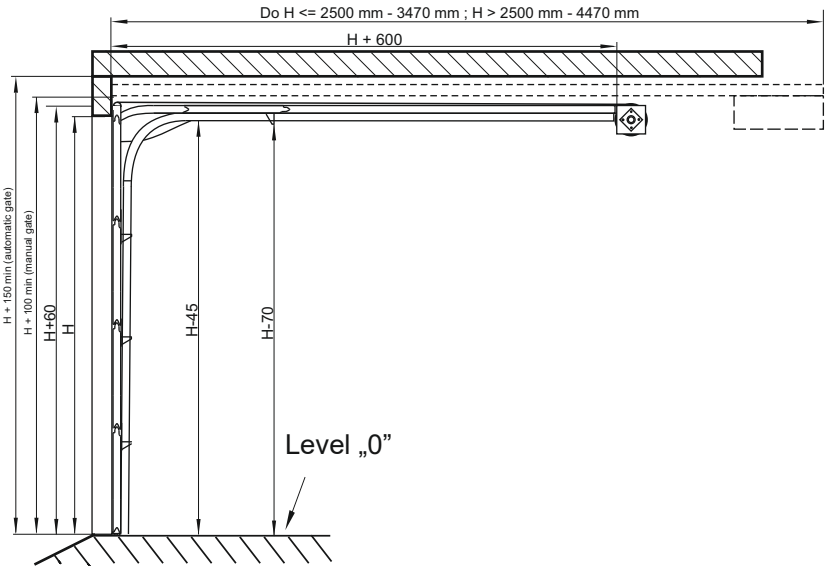
INOX

MOUNTING DATA, EQUIPMENT AND DIMENSIONS

System:
Torsion springs at the front
(minimum headroom 220 mm) Hn> 220 mm

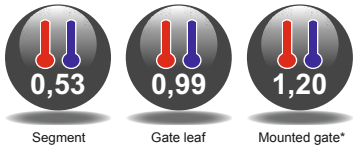


System:
Torsion springs at the rear (low headroom) Hn <220 mm
(manual door minimum 100 mm lintel, automatic door minimum 150 mm lintel)

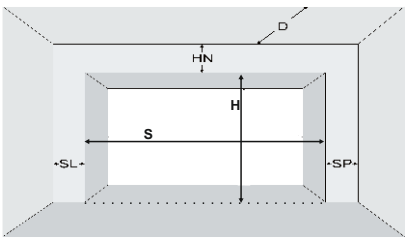


All garage door is manufactured exactly to size. For this reason, the accuracy of measurements is very important. The measurement should be made in an already finished room. Jambs and lintels must be plastered.

Heat transfer coefficient



* The U-value applies to mounted gates with an area of 16 m2 without glazing.



H - opening height (distance from the floor level to the upper part of the opening)
S - width of the opening (distance from the left to the right edge of the opening)
SL - left side space (minimum 80mm)
SP - right side space (minimum 80mm)
HN - lintel (minimum 220 mm)
HN - low headroom manual gate (min. 100 mm)
HN - low headroom automatic door (min. 150 mm)
D - garage depth

Dimension table of gates KMT

Dimension table of gates KMI

Height	Width																															
	2125	2250	2375	2500	2625	2750	2875	3000	3125	3250	3375	3500	3625	3750	3875	4000	4125	4250	4375	4500	4625	4750	4875	5000	5125	5250	5375	5500	5625	5750	5830	
2000	✦	✦	✦	✦	✦	✦	✦	✦	✦	✦	✦	✦	✦	✦	✦	✦	✦	✦	✦	✦	✦	✦	✦	✦	✦	✦	✦	✦	✦	✦	✦	
2125	✦	✦	✦	✦	✦	✦	✦	✦	✦	✦	✦	✦	✦	✦	✦	✦	✦	✦	✦	✦	✦	✦	✦	✦	✦	✦	✦	✦	✦	✦	✦	✦
2250	✦	✦	✦	✦	✦	✦	✦	✦	✦	✦	✦	✦	✦	✦	✦	✦	✦	✦	✦	✦	✦	✦	✦	✦	✦	✦	✦	✦	✦	✦	✦	✦
2375	✦	✦	✦	✦	✦	✦	✦	✦	✦	✦	✦	✦	✦	✦	✦	✦	✦	✦	✦	✦	✦	✦	✦	✦	✦	✦	✦	✦	✦	✦	✦	✦
2500	✦	✦	✦	✦	✦	✦	✦	✦	✦	✦	✦	✦	✦	✦	✦	✦	✦	✦	✦	✦	✦	✦	✦	✦	✦	✦	✦	✦	✦	✦	✦	✦
2625	✦	✦	✦	✦	✦	✦	✦	✦	✦	✦	✦	✦	✦	✦	✦	✦	✦	✦	✦	✦	✦	✦	✦	✦	✦	✦	✦	✦	✦	✦	✦	✦
2750	✦	✦	✦	✦	✦	✦	✦	✦	✦	✦	✦	✦	✦	✦	✦	✦	✦	✦	✦	✦	✦	✦	✦	✦	✦	✦	✦	✦	✦	✦	✦	✦
2875	✦	✦	✦	✦	✦	✦	✦	✦	✦	✦	✦	✦	✦	✦	✦	✦	✦	✦	✦	✦	✦	✦	✦	✦	✦	✦	✦	✦	✦	✦	✦	✦
3000	✦	✦	✦	✦	✦	✦	✦	✦	✦	✦	✦	✦	✦	✦	✦	✦	✦	✦	✦	✦	✦	✦	✦	✦	✦	✦	✦	✦	✦	✦	✦	✦

✦ - The possibility of using a low lintel guidance system

✦ - The possibility to make manual gate with a lock

▲ - Strengthened with OMEGA profile on two end panels

Applications INOX

Product description:

- material - stainless steel 1 mm thick, brushed surface
- applications 10-4, 10-5, 11-5, * Perfect 1, * Perfect 3 layout on the right or left (mirror image)
- applications installed 40 cm from the side edge of the panel
- on gates with a lock, the application is available on the other side of the gate shell in relation to the lock
- applications available in accordance with the table below.

*ATTENTION: It is not possible to use the Perfect 1 and Perfect 3 applications for doors in White and Winchester colours well as in doors over 3000 mm wide.

Type of application	number of panels	height	
		from	to
10-4	4	1900	2300
	5	2305	2865
10-5	4	2055	2300
	5	2305	2865
Perfect 1 Perfect 3	4	1900	2300
	5	2305	2865

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