

RESIDENTIAL DOORS SERIES LIVING

LOGISTIC
SOLUTIONS



KOPRON



DATA SHEETS

RESIDENTIAL DOORS SERIES LIVING	page
INTRODUCTION	4
DATA SHEET FOR KPSRL DOORS	7
PRODUCTION DETAILS	9
ACCESSORIES	12
PANEL MATCHING	14
METAL CARPENTRY	16
NOTES	17

TYPES

KPSRL - SERIES LIVING

Sectional door for civil use. Maximum height 200 mm.

SECTION DRAWING, WALL FACED, OF THE SERIES LIVING DOOR TYPE

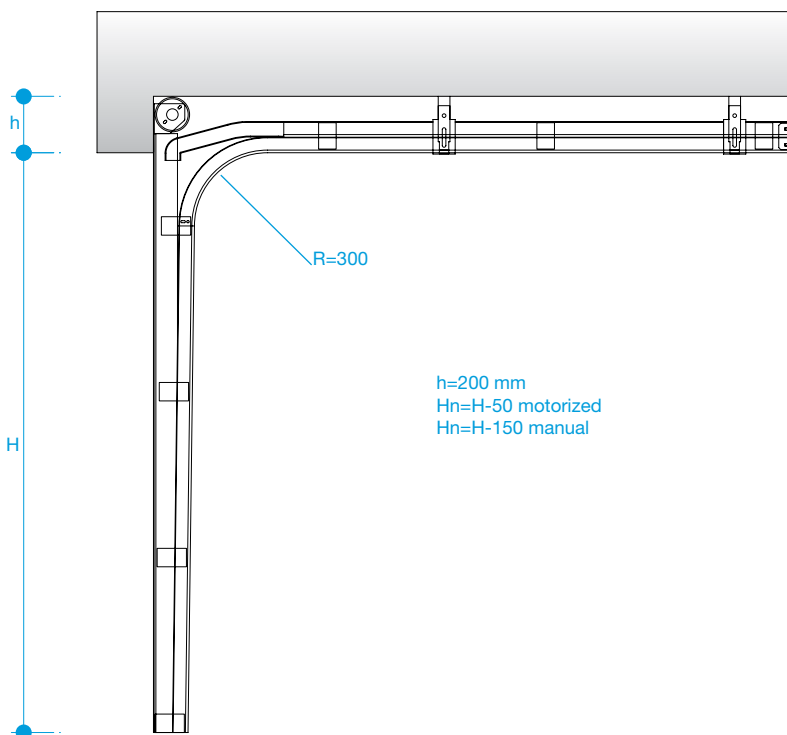


FIG 1

KPSRLV - SERIE LIVING

Sectional door for civil use, which can be used even without door frame.

Maximum height 200 mm.

SECTION DRAWING, WALL FACED, OF THE SERIES LIVING DOOR TYPE WITH COVERING PROFILES

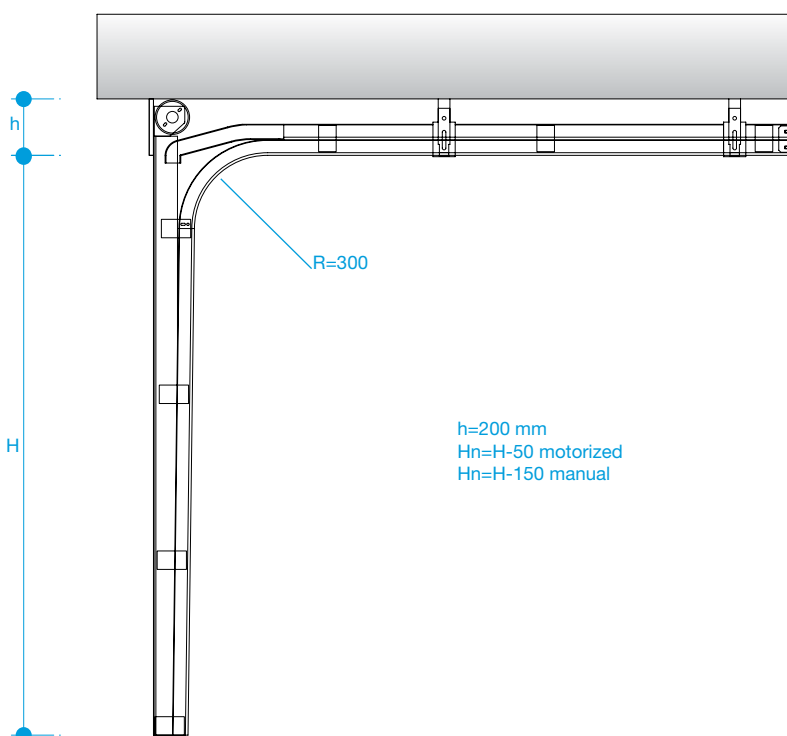
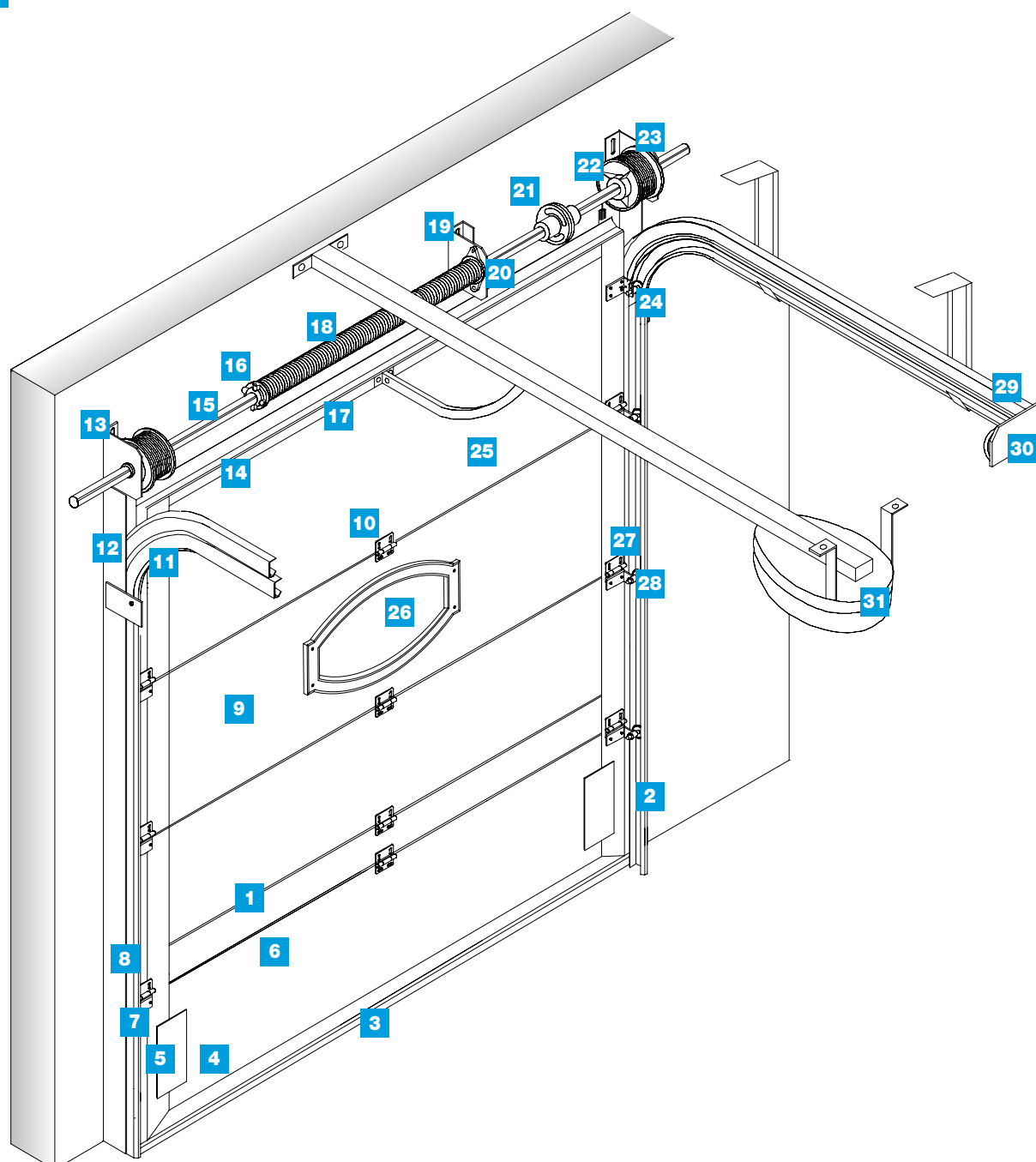


FIG 2

FIG 3



- | | | |
|---------------------------------------|---|--|
| 1 INTERNAL LOCK | 12 SIDE GASKET | 23 LIFTING ROPE |
| 2 VERTICAL TRACK | 13 SHAFT SUPPORT BRACKET | 24 UPPER WHEEL CARRIAGE + WHEEL |
| 3 BOTTOM GASKET | 14 UPPER GASKET | 25 UPPER PANEL |
| 4 BOTTOM GASKET HOLDER | 15 MIDDLE SHAFTS | 26 VISION PANEL |
| 5 BOTTOM PARACHUTE CASE | 16 CONE | 27 INTERMEDIATE WHEEL CARRIAGE |
| 6 BOTTOM PANEL | 17 UPPER GASKET HOLDER | 28 INTERMEDIATE WHEEL |
| 7 BOTTOM SIDE CASE | 18 TORSION SPRING | 29 HORIZONTAL TRACK |
| 8 VERTICAL PROFILE | 19 SPRING ANTI-BREAK SAFETY DEVICE | 30 DOORSTOP |
| 9 MIDDLE PANEL | 20 FIXED CONE | 31 MOTOR |
| 10 HINGE | 21 SHAFT JOINT | |
| 11 HORIZONTAL TRACK WITH CURVE | 22 DRUM | |

INTRODUCTION

PANEL MATCHING

THE FOLLOWING IS THE MAXIMUM QUANTITY OF PANELS YOU CAN HAVE
See Fig. 6.

THE DRAWING IS AN EXAMPLE OF A FOUR PANEL

FIG 4

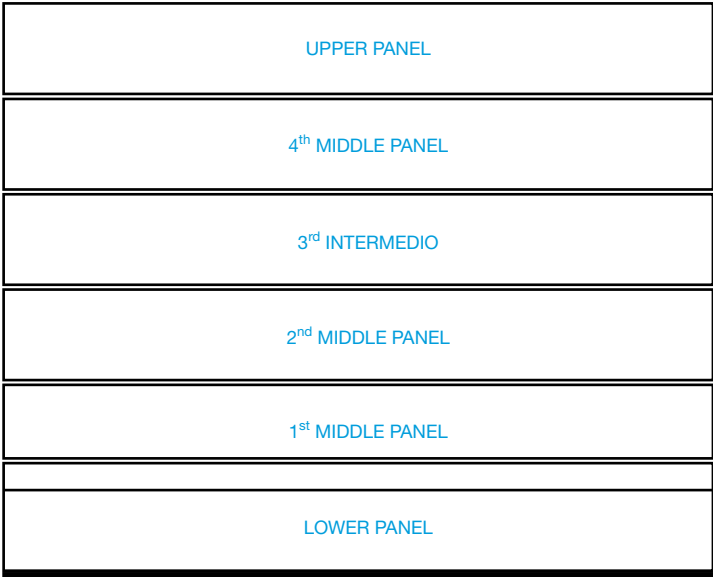


FIG 5

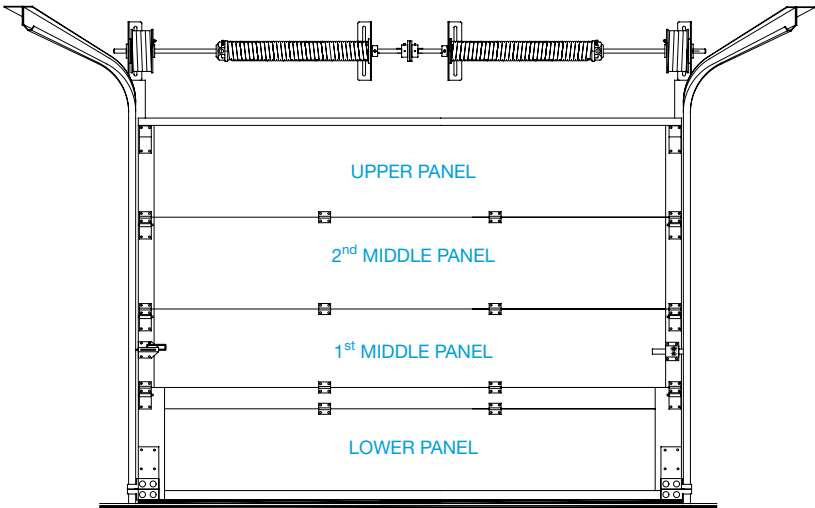


FIG 6

							H door (mm)
Position	Lower	1 st middle	2 nd middle	3 rd middle			2200
h panel	650	500	500	500			
Position	Lower	1 st middle	2 nd middle	3 rd middle	4 th middle		2700
h panel	650	500	500	500	500		
Position	Lower	1 st middle	2 nd middle	3 rd middle	4 th middle	Upper	3000
h panel	650	500	500	500	500	300	

KPSRL - SLIDING SECTIONAL DOOR - STANDARD VERSION

This kind of sectional door has been studied and designed for civil use. it can be produced to reach a maximum height of 3000 mm and max width of 5000 mm. Door frame space min. $h=200$ mm. The surface is made of Safe Line anti-pinch panel.

All doors are provided with fall arrest devices either in case of unexpected breakage of the lifting cables or in case of spring breakage, except for the doors with a single spring (see Feasibility Diagram). Special version with the inclination of the horizontal tracks is not feasible.

IMPORTANT

Note that the shaft carrying the spring must be fixed to the ceiling.

NOTE

The number of anchoring hooks to the ceiling depends on the depth D and weight of the door.

FIG 7

MAX HEIGHT (H)	DOOR FRAME (h)	SIDE SPACES (Left - Right)	DEPTH (P)	CLEAR WIDTH OF THE DOOR (Hn)	
3000 mm	200 mm	100 mm	H+200 mm	MANUAL H-150 mm	MOTORIZED H-50 mm

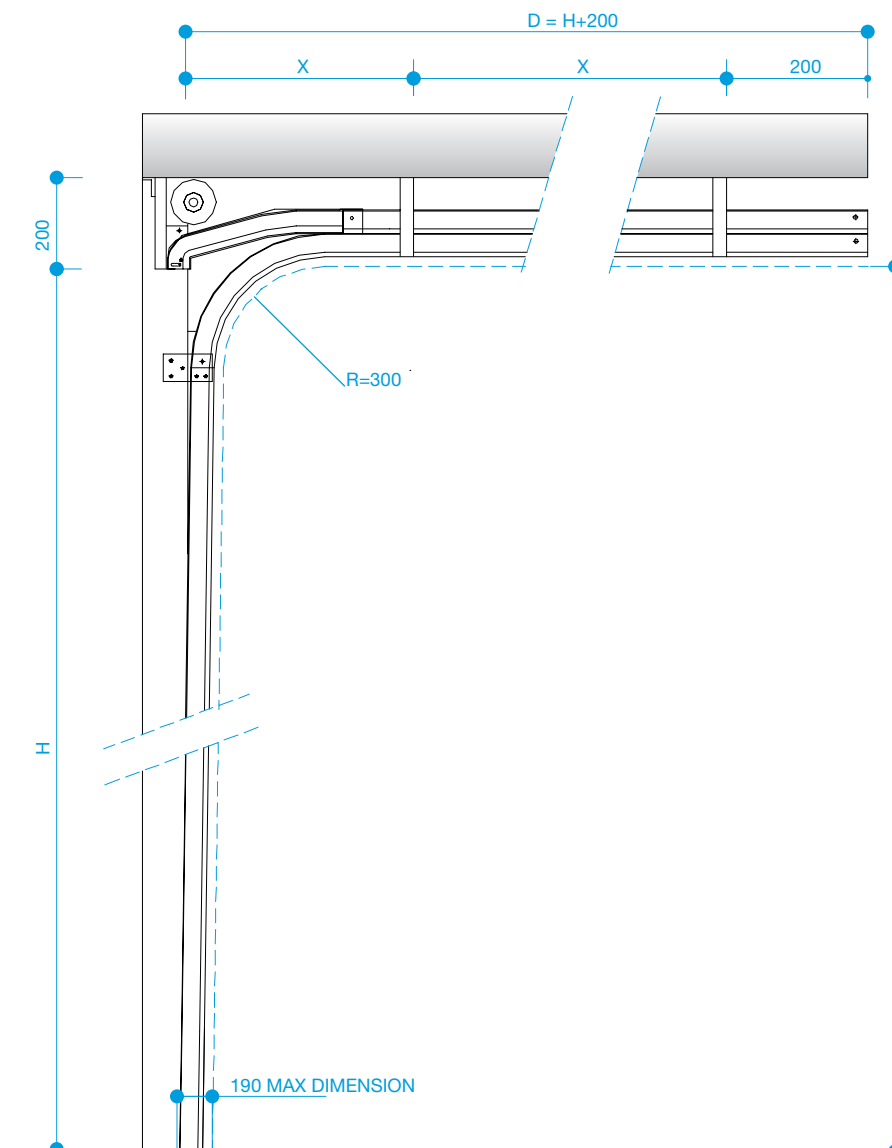


FIG 8

HOOKS n°	HOOK POSITION X mm
2LEFT+2RIGHT	(D-200):2

FIG 9

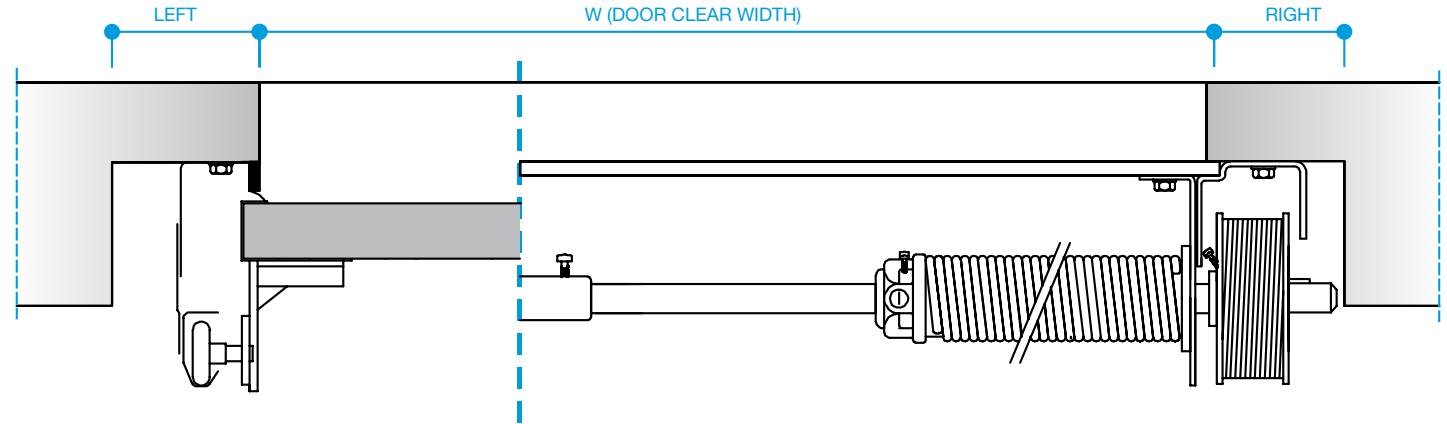


FIG 10

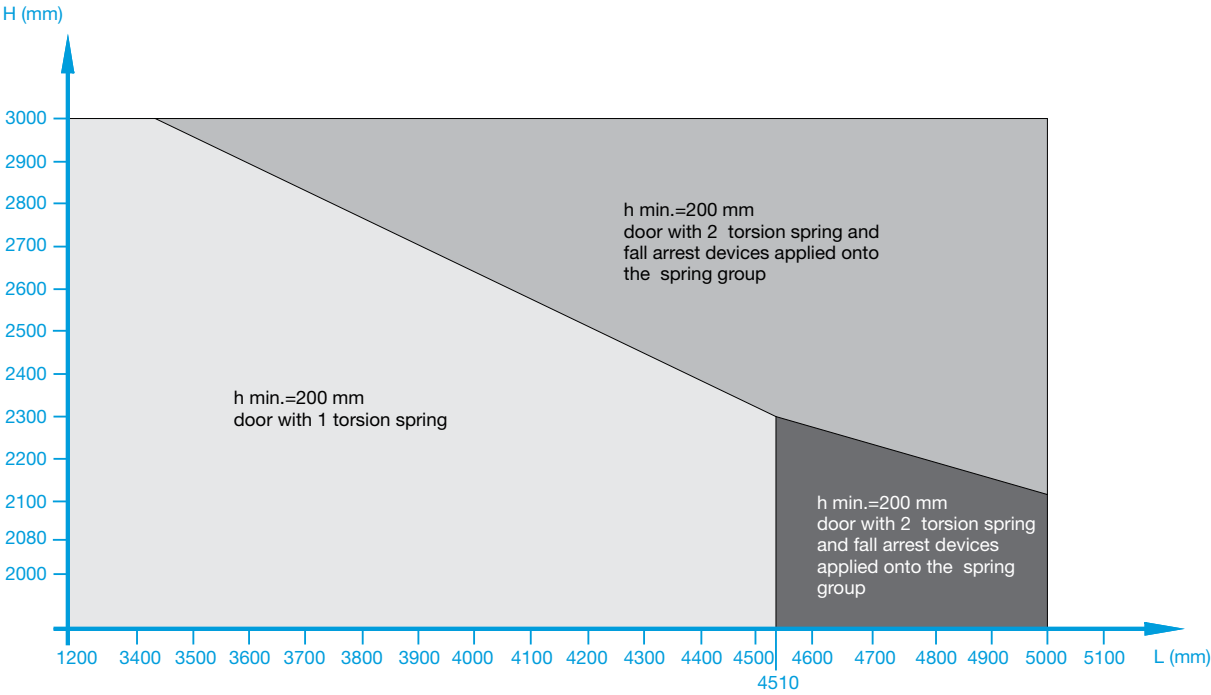


FIG 11

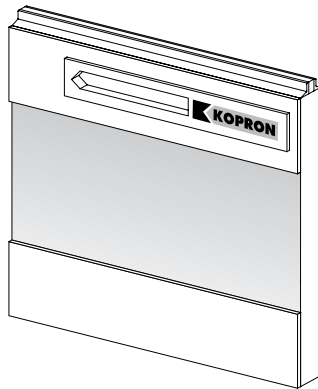
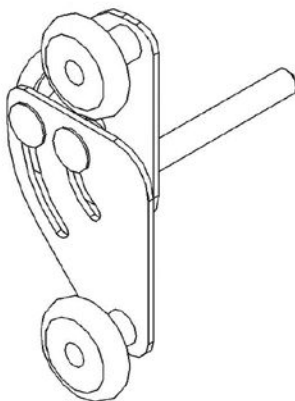


FIG 12



FIG 13



LIFTING HANDLE

OUTSIDE/INSIDE LOCK

Upon request we can supply a double lock which can be handled either from the outside or from the inside.

TANDEM WHEEL CARRIAGE

It is supplied on all the Series Living doors.

WHEEL CARRIAGE

For doors up to 5000 mm.

WHEEL CARRIAGE AND HINGE

UPPER WHEEL CARRIAGE

FIG 14

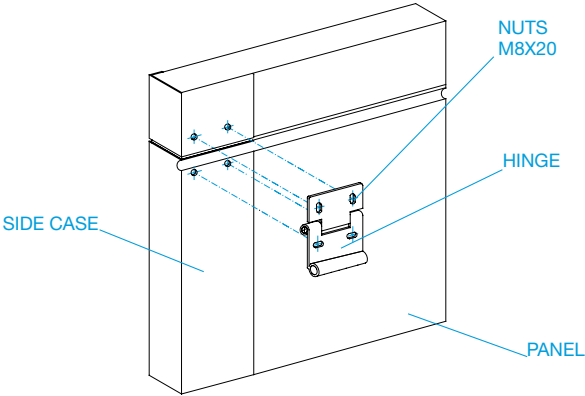


FIG 15

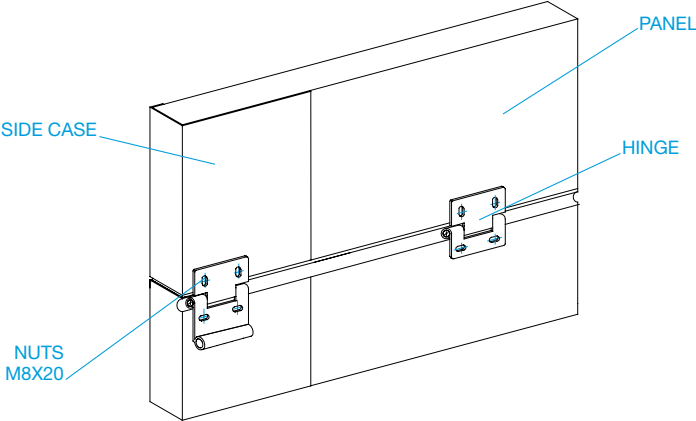


FIG 16

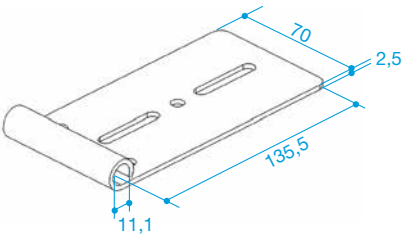
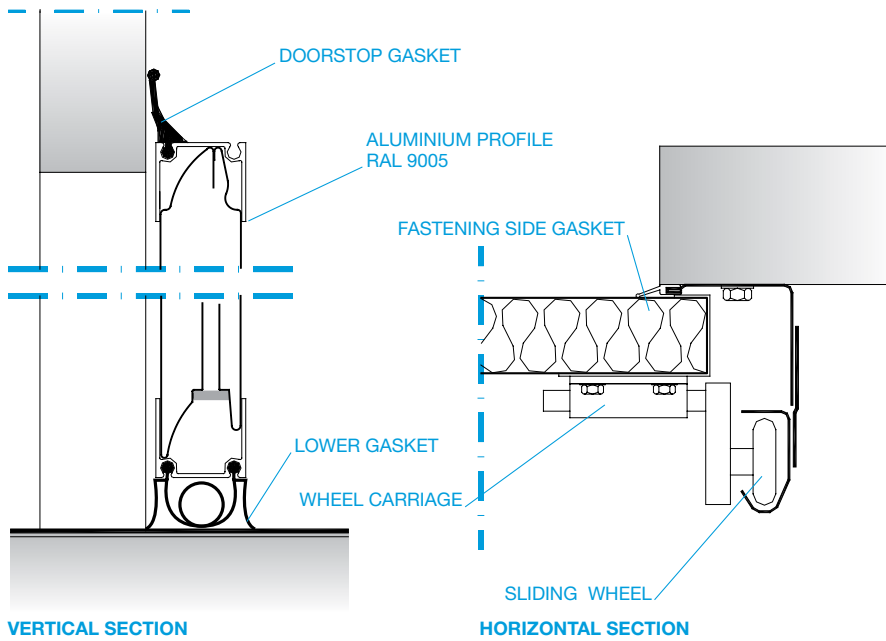
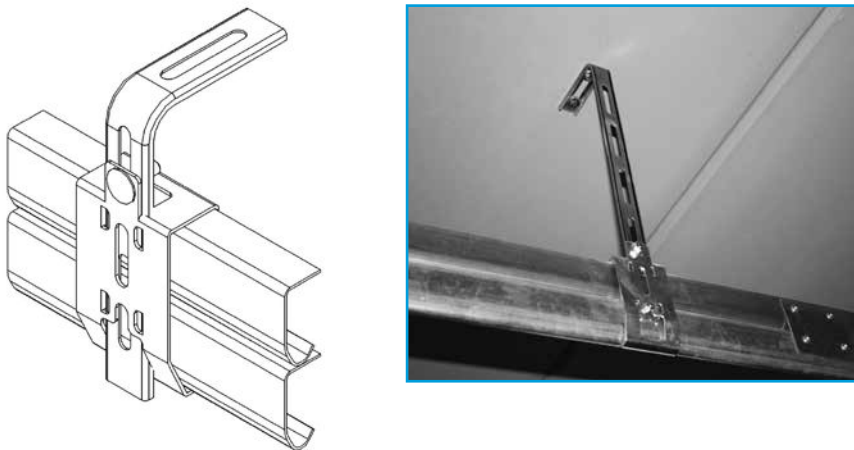


FIG 17



DOOR ASSEMBLY ON A WALL IN MASONRY

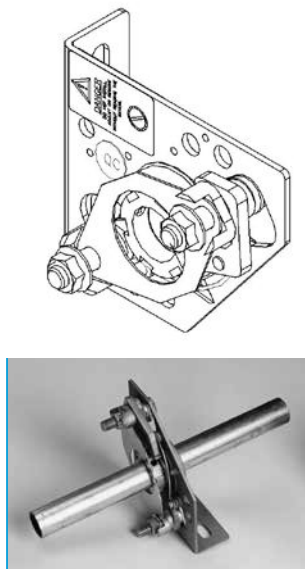
FIG 18



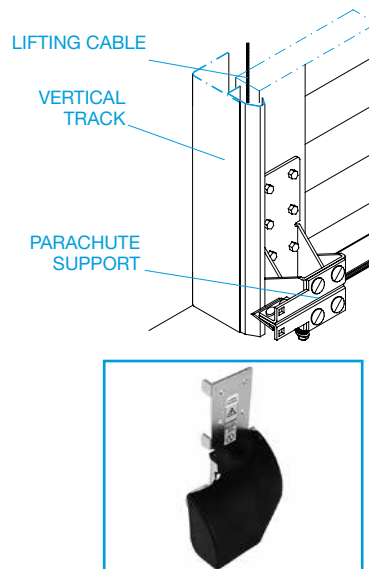
CEILING ANCHORING

FIG 19

PARACHUTE SPRINGS



PARACHUTE CABLES



PARACHUTE SPRINGS AND PARACHUTE CABLES

CLASSIC VISION PANEL 1

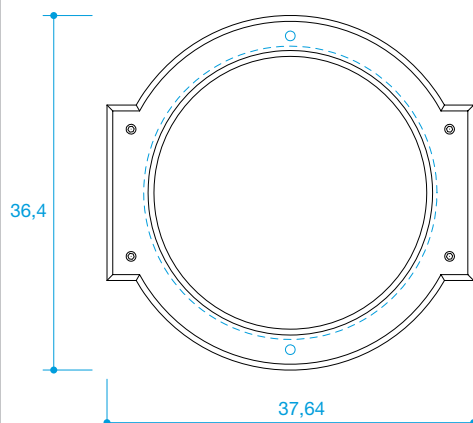
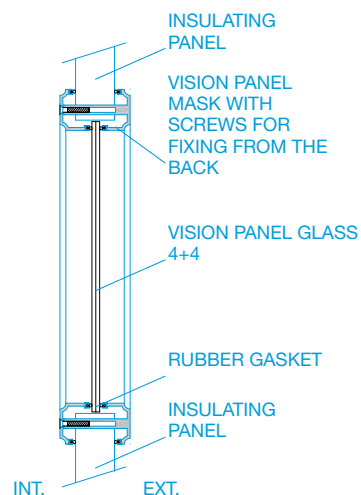


FIG 20



CLASSIC VISION PANEL 2

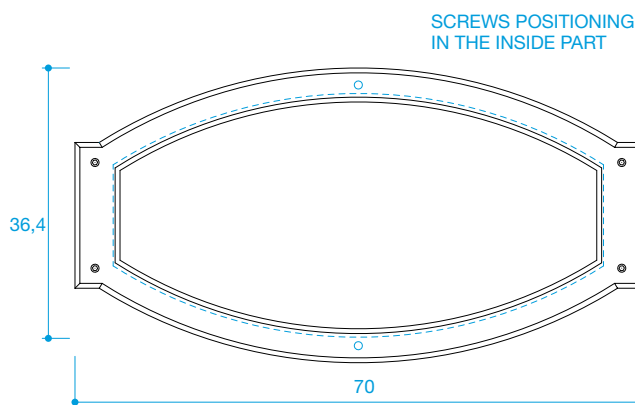
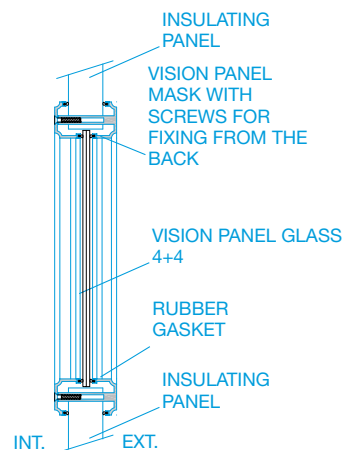


FIG 21



MODERN VISION PANEL 1

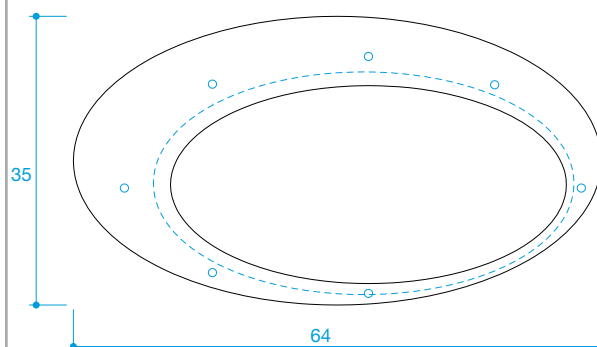


FIG 22

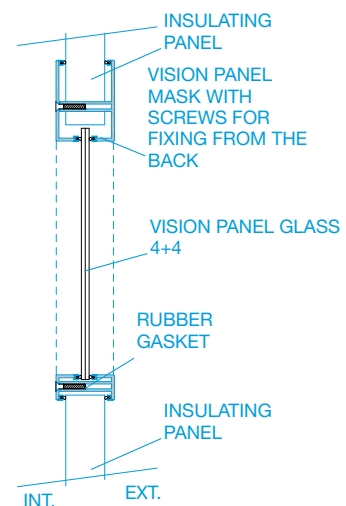


FIG 23

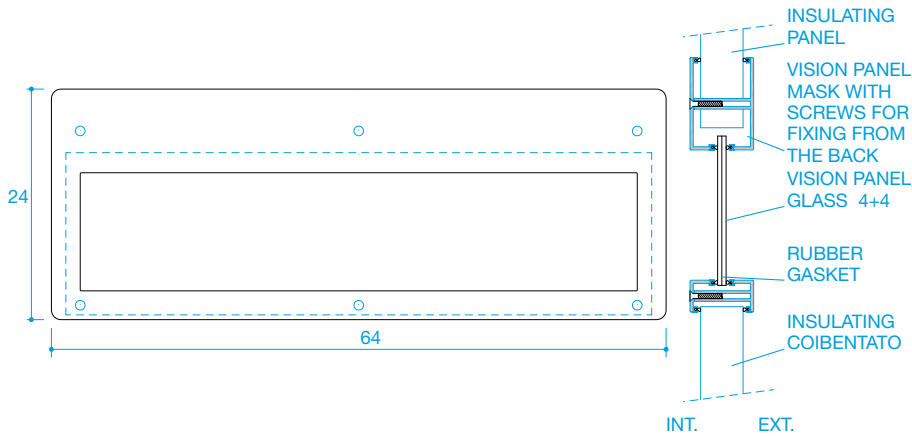


FIG 24

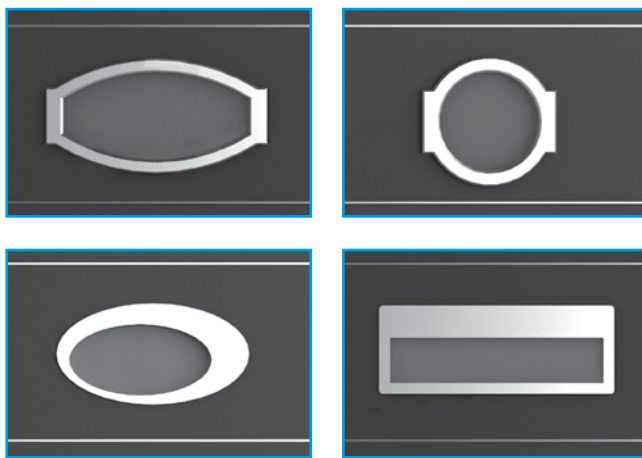


FIG 25

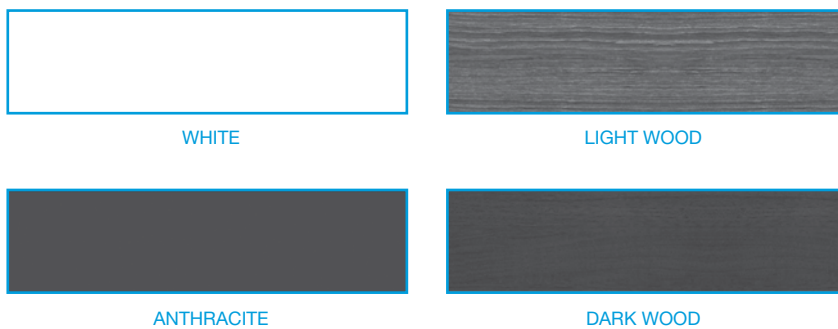
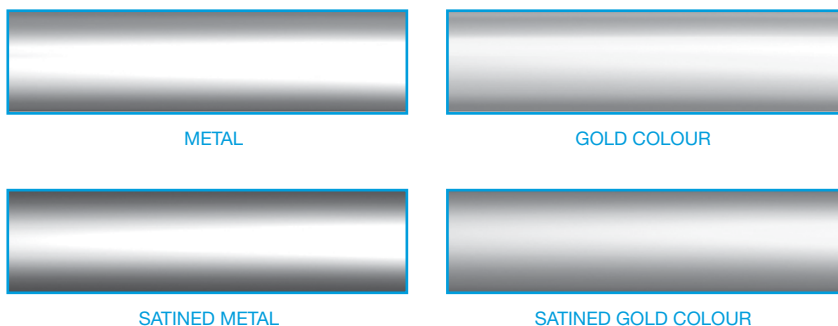


FIG 26



MODERN VISION PANEL 1

PANELING

The doors are available in the following colours:

- White
- Anthracite
- Light wood
- Dark wood

METAL FINISHINGS

The doors are available with the following finishing:

- Metal
- Satined metal
- Gold colour
- Satined gold colour

MOTORIZATION

PULLING DRIVE MOTOR

All doors can be equipped with an automation system. The pulling drive motor is assembled on the center part of the door, the D600 model can be installed on the doors with a surface not exceeding 7 square meters. The D1000 can be used on surfaces up to 15 square meters.

The motor consists of:

- an incorporated electric panel 220 Volts
- motor rod L = 2600 mm and L=3200 mm
- Couple of photocells
- radio controller
- dual channel transmitter
- flasher

Upon specific request you can have:

- external unlocking lever
- four channel transmitter
- key selector
- photocell towers
- switchboard with personal code

MOTOREDUCER TECHNICAL CHARACTERISTICS

RESIDENTIAL DOORS SERIE LIVING

FIG 27

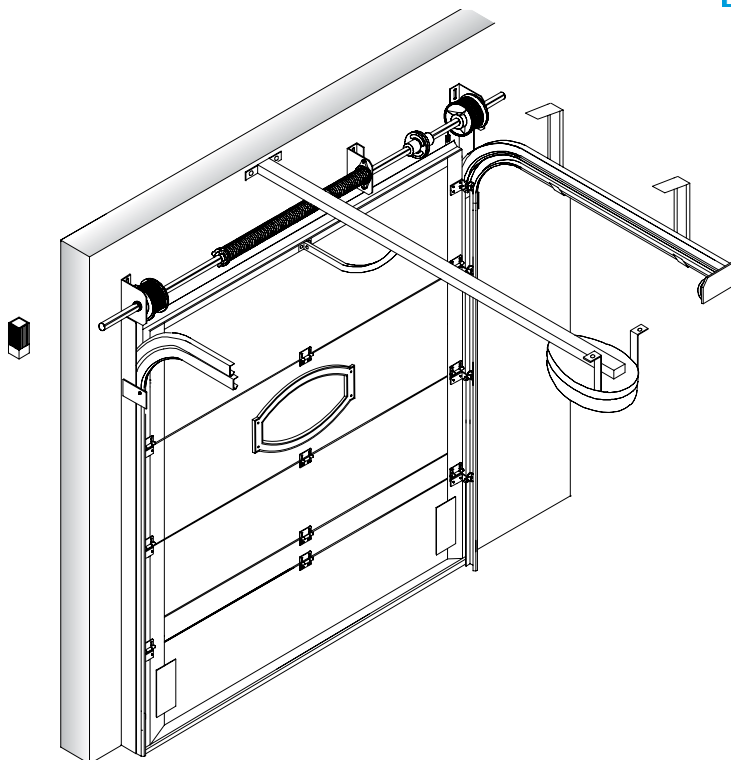


FIG 28

MOTOREDUCER TECHNICAL CHARACTERISTICS		
	D600	D1000
Power supply (V □ / 50 Hz)	230	230
Electric motor (Vdc)	24	24
Maximum absorbed power (W)	220	350
Thrust force (N)	600	600/1000
Frequency of use	continuo	continuo
Max overall dimensions from ceiling (mm)	35	35
Courtesy light (V □ / W)	230 / 40 max	230 / 40 max
Courtesy light timing (sec)	120	120
Carriage standard off load speed (m/min)	6,6	8,9
Carriage reduced off load speed (m/min)	3,8	4,5
Carriage speed at slow-down (m/min)	1,3	1,1
Noise at standard speed (db(A))	52	52
Travel length at slow-down (mm)	Variable from set-up	Variable from set-up
Safety device	Category 2	Category 2
Sectional door maximum width (mm)	5000	5000
Sectional door maximum height (mm)	(see effective travel)	(see effective travel)
Effective travel of sliding guide (mm)	1900-2500-3100	2500-3100-3800
Protection class	for internal use only (IP 20)	for internal use only (IP 20)
Operating ambient temperature (°C)	-20/+55	-20/+55

FIG 29



MOTOR



DUAL CHANNEL TRANSMITTER



PHOTOCELLS



FLASHER



RECEIVER

SERIES ACCESSORIES

FIG 30



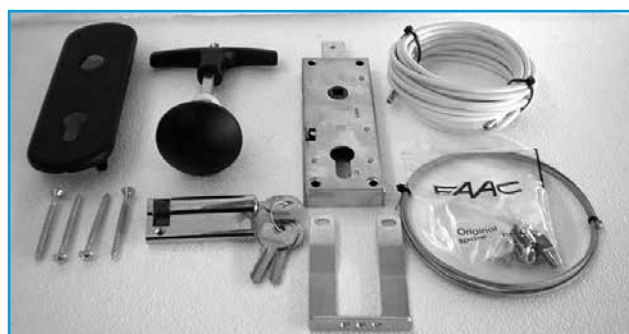
SWITCHBOARD WITH
COMBINATION



FOUR CHANNEL TRANSMITTER



KEY SELECTOR



EXTERNAL UNLOCKING KEY

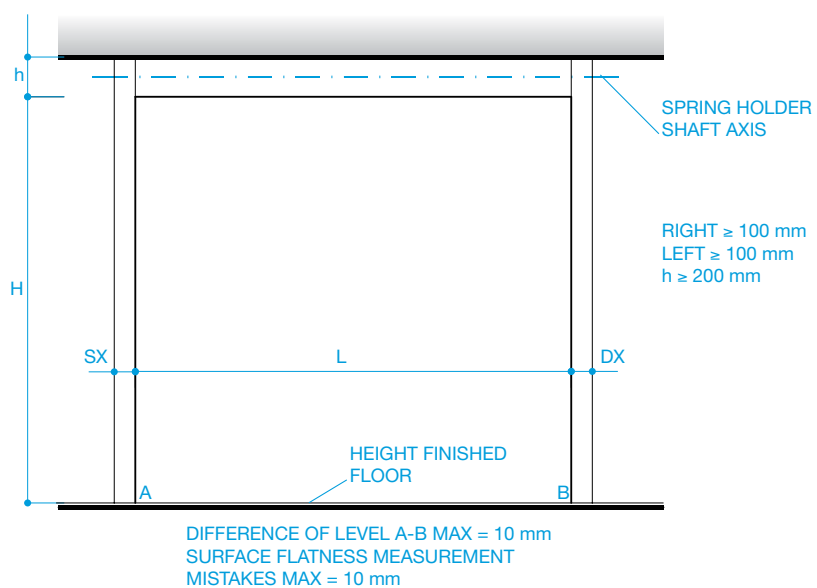


PHOTOCELLS TOWERS

OPTIONAL ACCESSORIES

EXAMPLE OF INSTALLATION ON METAL CARPENTRY

FIG 31



[illegible]

[illegible]



LOOKING AHEAD



Quality Management System
UNI EN ISO 9001:2008 Certified
Factory Production Control
UNI EN ISO 1090
Applicable standard
UNI EN 13241-1
UNI EN 16005
UNI EN 1398
UNI EN 3834-2

CERTIFICAZIONI CERTIFICATIONS

Kopron attraverso le certificazioni di qualità offre un'ulteriore garanzia sull'efficacia e l'efficienza dei propri prodotti.

Through certifications Kopron offer a further guarantee on efficiency and quality of their products.



www.kopron.com

LOGISTIC SOLUTIONS

Kopron S.p.A. - Headquarters

Via I Maggio s.n.
20064 Gorgonzola (Mi) Italy
t +39 02 92 15 21
f +39 02 92 15 29 20
kopron@kopron.com

Export Sales

t +39 02 92 15 27 51
export@kopron.com

Kopron SERVICE

Assistenza e ricambi/ *Spare parts*
assistenza@kopron.com
www.kopronservice.com

Kopron do Brasil

Av. José Alves de Oliveira, 123
Parque Industrial III
Jundiaí - São Paulo - Brasil
t +55 11 31 09 67 00
comercial@kopron.com
www.kopron.com.br

Kopron China

江苏省 无锡市新城区南路207号 214028
207, Chengnan Road
214028 New district Wuxi Jiangsu China
电话 **t**+86 0510 85 36 30 50
sales@kopronchina.com
www.kopronchina.com

Kopron France

Parc de Chavanne
817, Route des Frênes
69400 Arnas - France
t+33 04 74 68 16 57
kopron@kopron.fr
www.kopron.fr