

RIBBANTA 5



For Euro grooves and NC International profiles

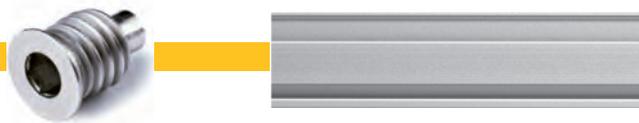
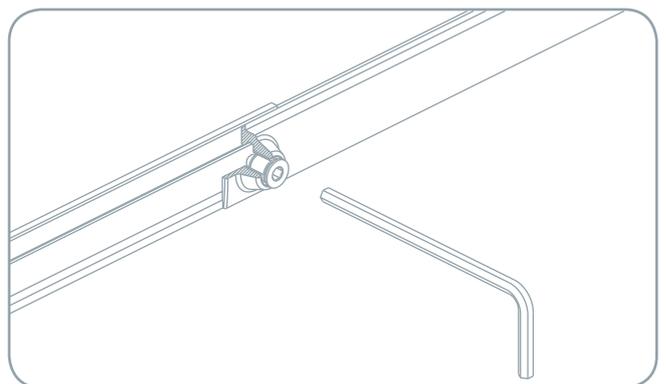
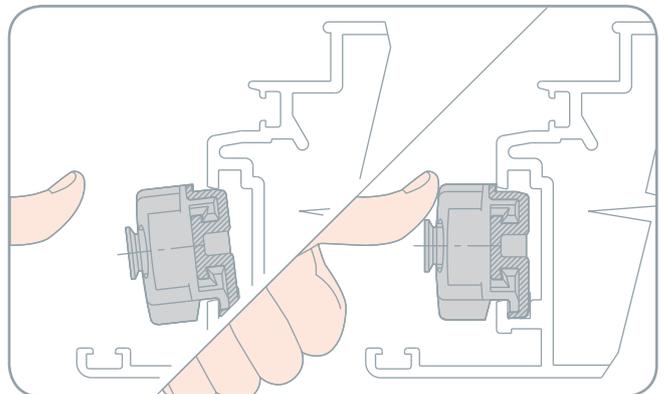
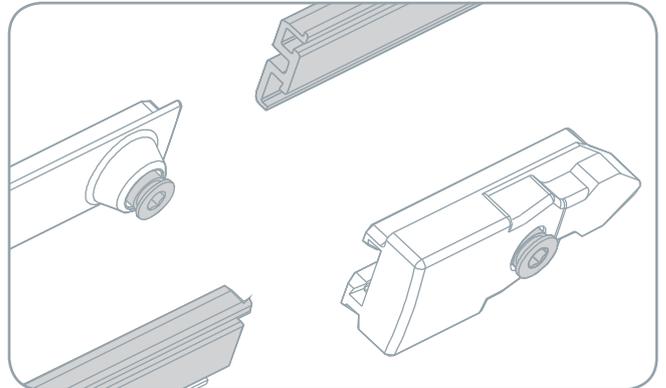
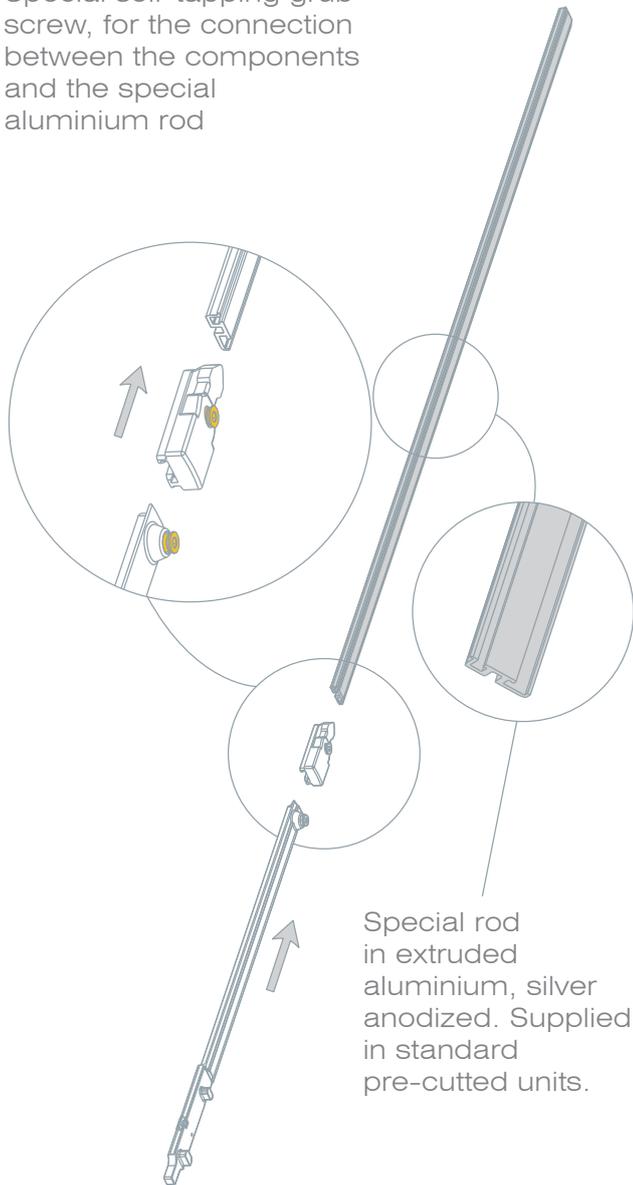
- All accessories are frontally applied
- Connection rods are modular and provided already pre-cut to standard sizes
- All parts are pre-assembled and self-positioning
- 11 international patents
- With adjustable night ventilation

Ribanta 5.

It has only **two**
simple **elements**

..... and **three**
simple **operations**

Special self-tapping grub screw, for the connection between the components and the special aluminium rod





- All assembly phases are user friendly
- The system offers the maximum tolerance in the various machining operations to assemble the handle (for handle height < 350 mm see the instructions on Savio site www.savio.it)
- Three directions adjustments are simple and intuitive; the main ones can be done with already installed window/door
- The simplicity and user friendliness of Ribanta 5 are such as to allow new workers, not familiar with tilt-and-turn, to become operative almost immediately

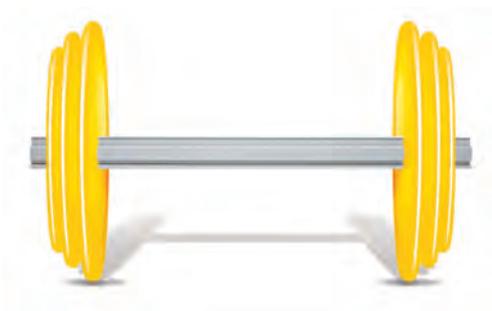
Simplicity

- No need to cut the profile corners
- No calculation is required for cutting the rods
- Not necessary to cut and drill the rods to exact sizes (for rods with L > 795 mm)
- All components are preassembled and fully self-positioning
- All accessories are frontally applied
- No specific tooling is necessary



Rapidity

Thanks to this, Ribanta 5 assembly is extremely quick, thus ensuring great savings in time.

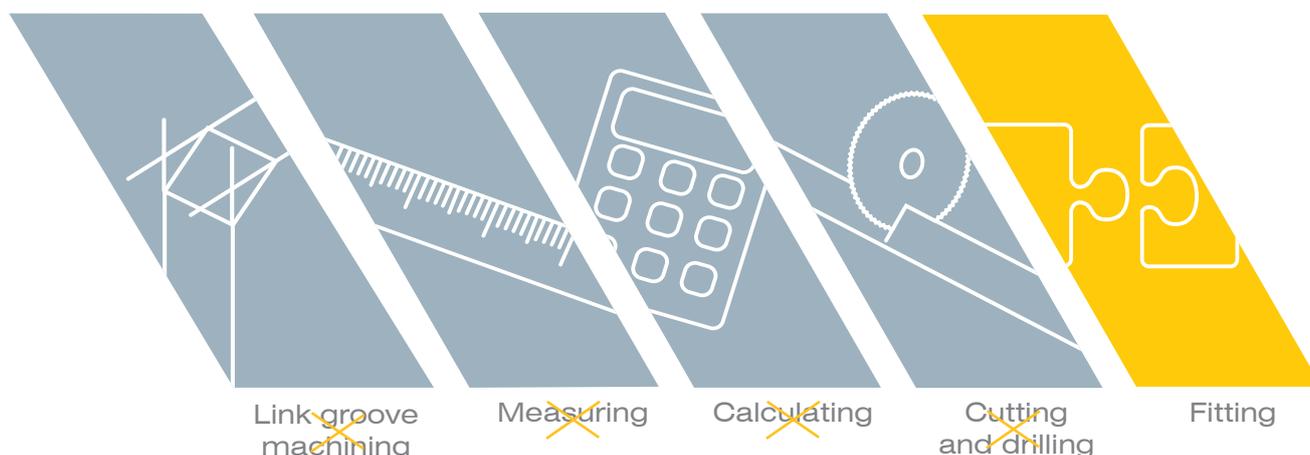


- 2 hinges and an extra kit allow reaching 3 different load levels, namely: 110 - 140 - 170 kg (for internally flush profiles see the specific fitting instructions)
- Tested according to EN 13126-8:2006

Sturdiness

Ribanta 5.

New age of the tilt-and-turn has been officially opened.



No link groove machining, no measuring,
no calculating, no cutting and no drilling:
 RIBANTA 5 is so easy
that can be fitted in one third of the time
 and without mistakes.

Ribanta 5 : the range

- For Euro Grooves and NC International profiles
- Vertical fulcrum
- Horizontal fulcrum
- Tilt and turn gearing
- Tilt first gearing
- Application range (widths up to 1700 mm and heights up to 2700 mm)
- Microventilation already incorporated
- Secondary leaf
- Side hung leaf
- Visible and invisible hinges

Optional

(accessories and/or tooling)

- Anti burglar devices (class 3 - standard EN 1627÷1630)
- SKG safety Kit (class 2 - standard EN 1627:2011)
- Snap latch mechanism
- Jigs
- Pneumatic and manual punching machine
- Assembly bench
- Opening limiter arm stays



Tilt-and-turn for Euro grooves and NC International



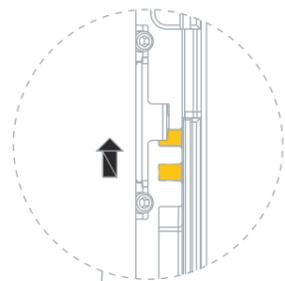
Corner transmission with mishandling device and incorporated microventilation



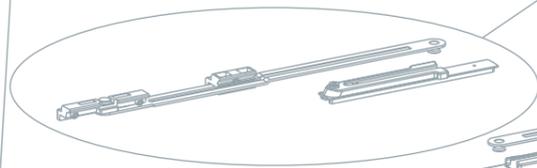
Handle connection piece with free positioning



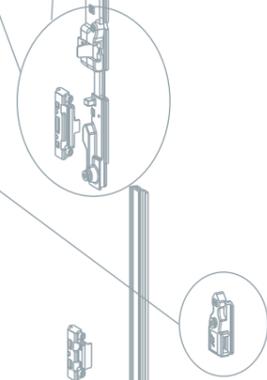
Vertical or corner drive fulcrum, self-positioning and telescopic element



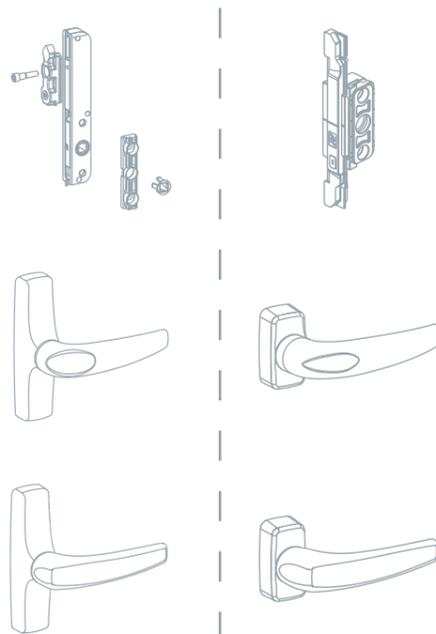
For microventilation, with tilt-first positioned handle, slightly move the leaf and turn the handle until it stop on the upper adjustable keeper.



Supplementary arm applicable without machining



Monolithic keeper and corner drive



All components are supplied in white galvanized zamak with a treatment that guarantees the Grade 4 - Paragraph 5.2 of EN 1670

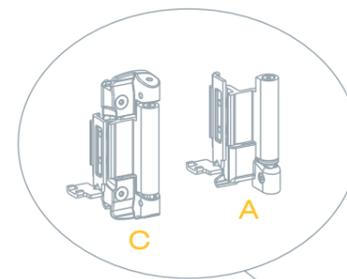
Tilt-and-turn for Euro grooves and NC International



Self-positioning scissors arm with modular opening



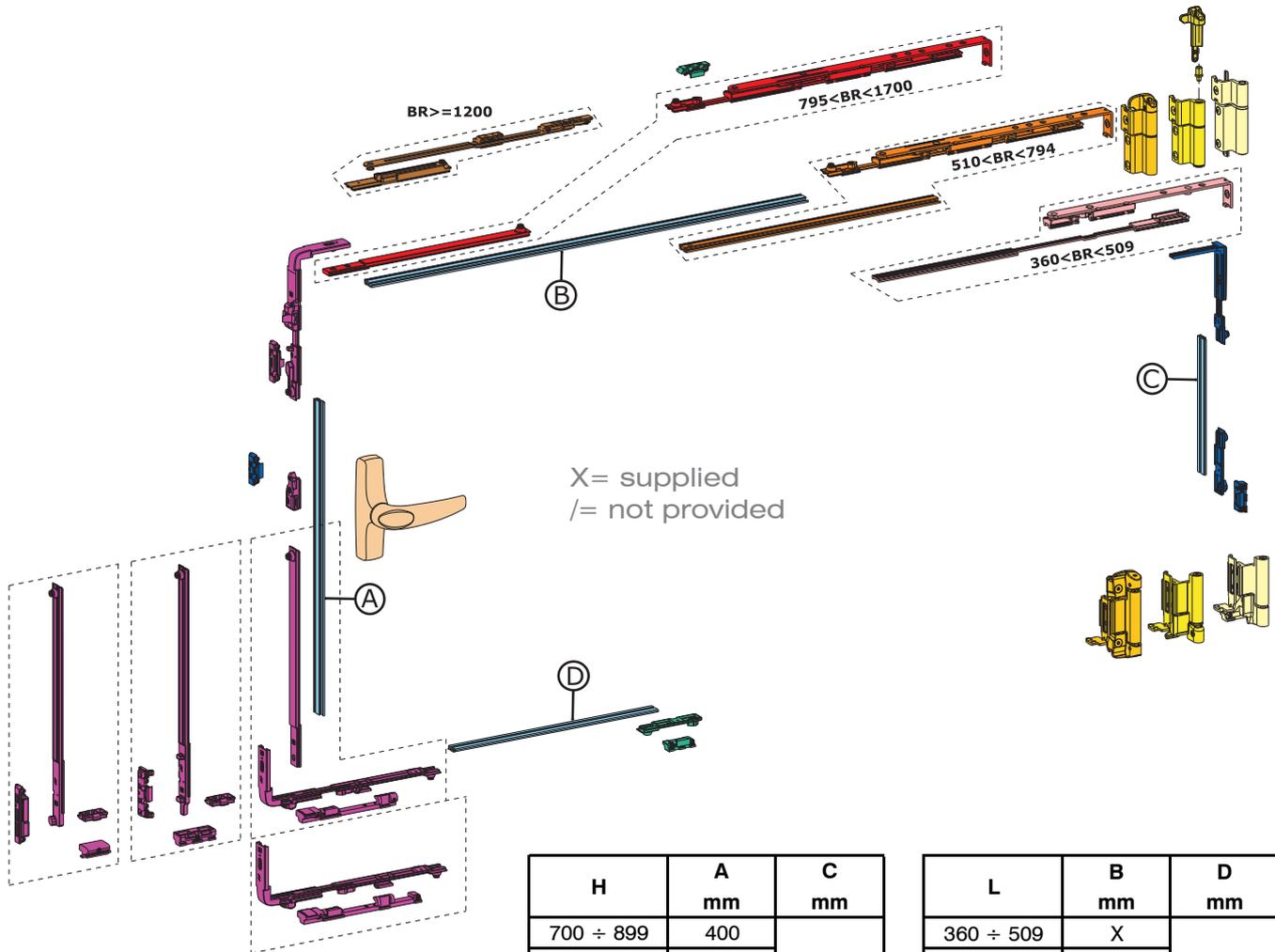
Modular and self-positioning hinge for weight capacity of 110 - 140 - 170 Kg:
A = 110 Kg
A+B = 140 Kg
C = 170 Kg



Bottom hinge, adjustable in 3 directions

Rod choice layout

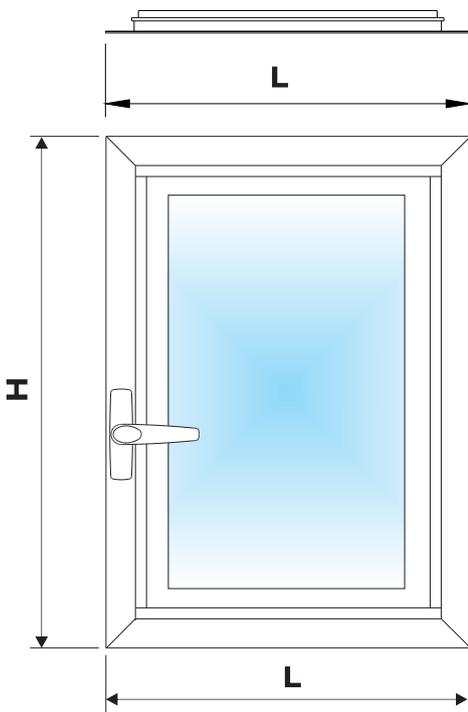
Valid for all types of gearing (turn-first or tilt-first function, vertical or horizontal fulcrum).



X= supplied
/= not provided

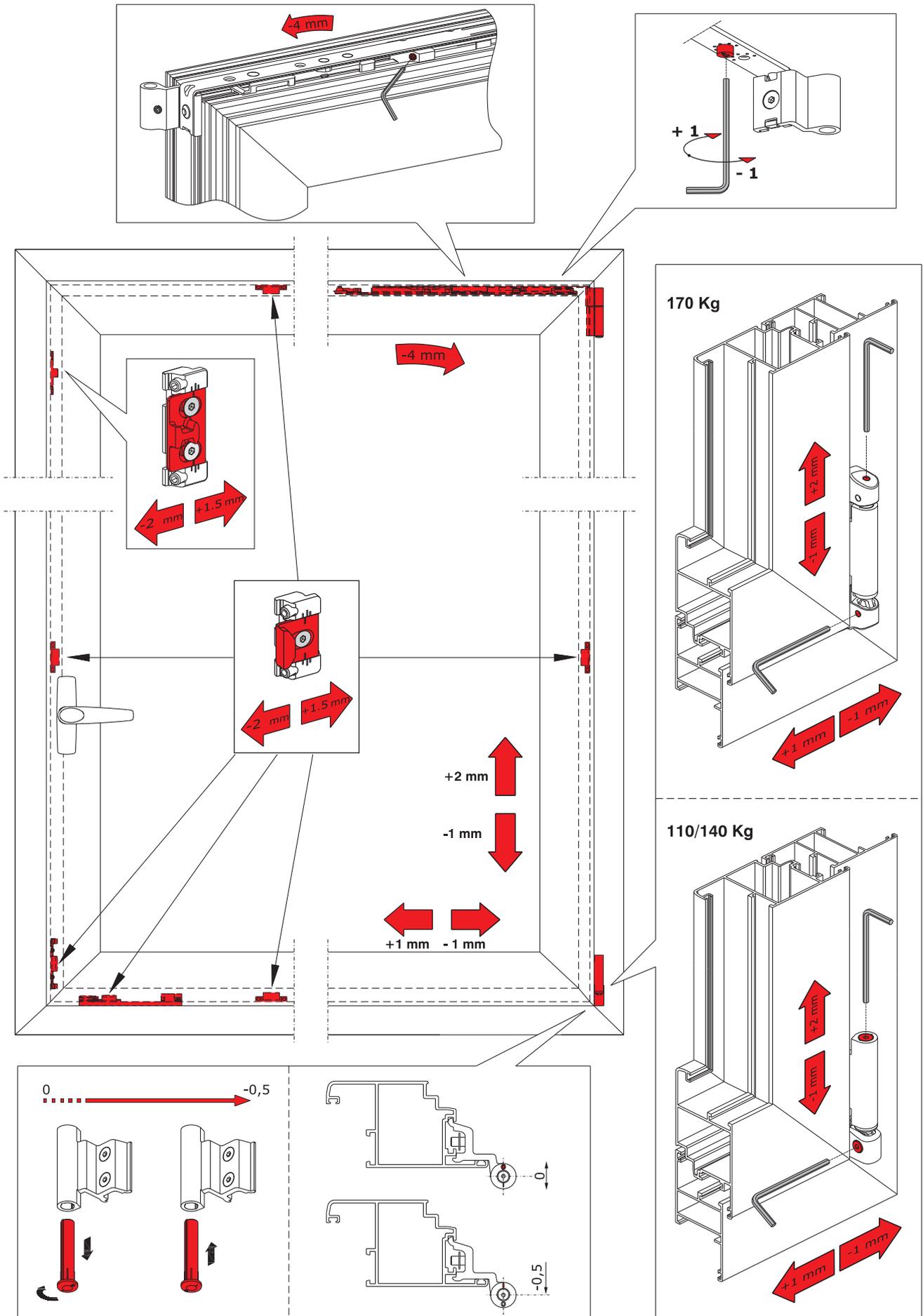
H	A mm	C mm
700 ÷ 899	400	/
900 ÷ 1099	600	
1100 ÷ 1299	800	
1300 ÷ 1399	1000	
1400 ÷ 1499	1200	
1500 ÷ 1699	1200	600
1700 ÷ 1899	1400	800
1900 ÷ 2099	1600	1000
2100 ÷ 2299	1800	
2300 ÷ 2499	2000	
2500 ÷ 2700	2200	1200

L	B mm	D mm
360 ÷ 509	X	/
510 ÷ 794	X	
795 ÷ 944	250	
945 ÷ 1144	400	
1145 ÷ 1199	600	
1200 ÷ 1344	600	400
1345 ÷ 1544	800	
1545 ÷ 1700	1000	

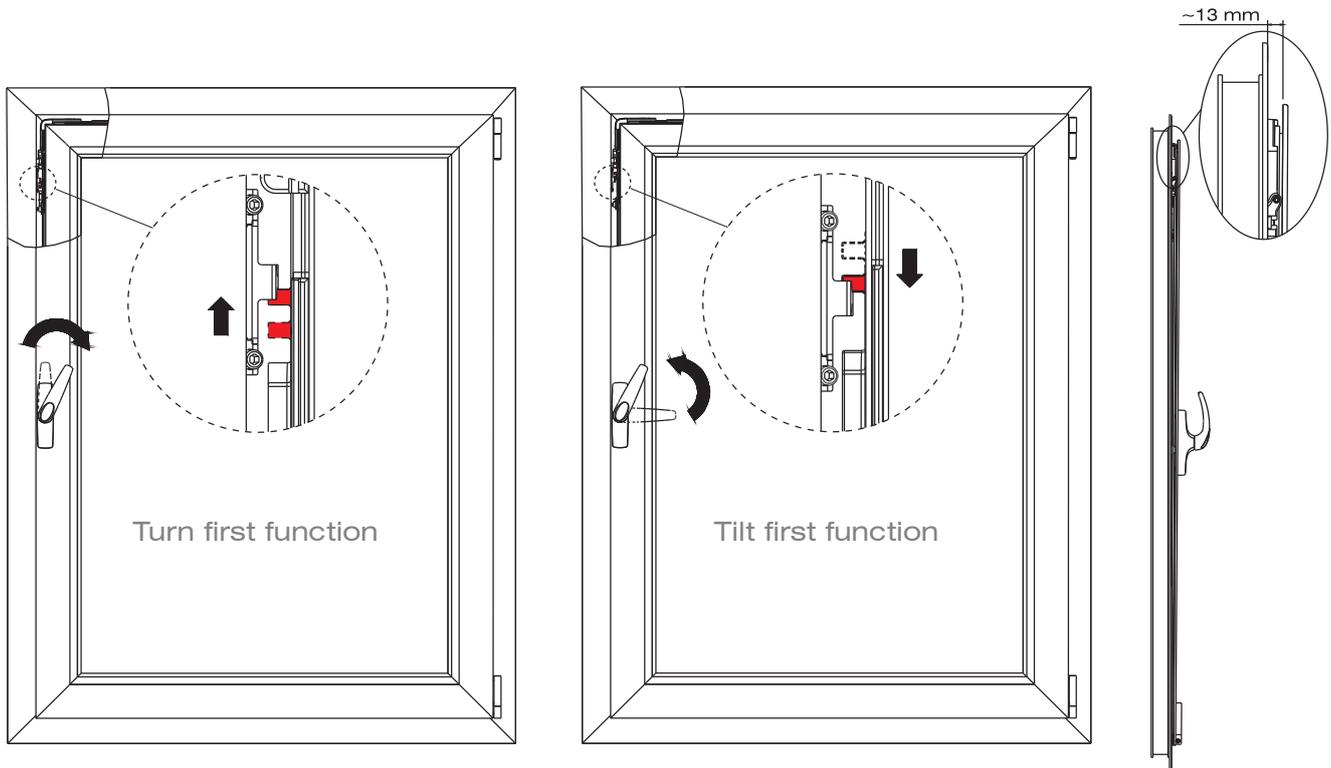


Description	mm	Art.	Pz./ Conf.
Transmission rod size:	250	3205/25	100
	400	3205/40	100
	600	3205/60	100
	800	3205/80	100
	1000	3205/100	100
	1200	3205/120	100
	1400	3205/140	100
	1600	3205/160	100
	1800	3205/180	50
	2000	3205/200	50
	2200	3205/220	50
	3000	3205/300	50

Adjustments

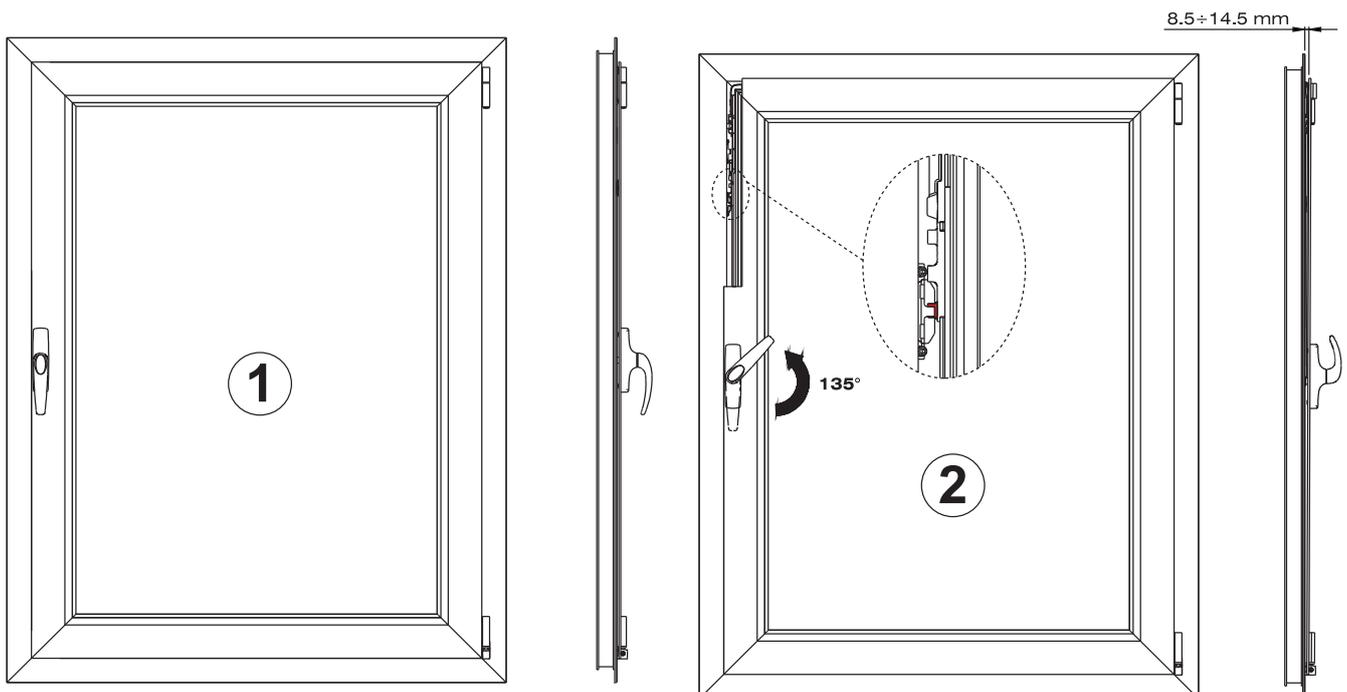


Night ventilation



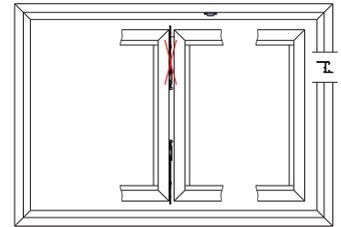
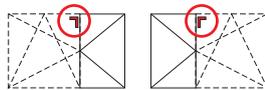
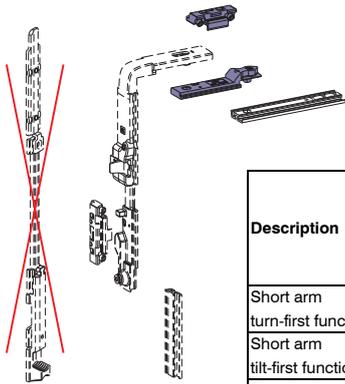
To do the night ventilation opening, turn the handle in tilt position and open slightly the leaf, then turn the handle until the block on the upper adjustable keeper.

Adjustable night ventilation (art. 3202.R/.L - 3202.2R/.2L)



With the leaf in closing position (image 1), turn the handle of 135° (image 2) to obtain the night ventilation opening.

Use of locking piece + adjustable keeper kit art. 3200.805



Description	RH	LH	Pcs.	Leaf dimensions				
				H mm	700	1401	700	1401
					1400	2700	1400	2700
					430		585	
					584		849	
Short arm	3200.750R	3200.750L	5	1				
turn-first function	3200.770R	3200.770L	20					
Short arm	3201.750R	3201.750L	5					
tilt-first function	3201.770R	3201.770L	20					
Standard arm	3200.751R	3200.751L	5	1				
turn-first function	3200.771R	3200.771L	20					
Standard arm	3201.751R	3201.751L	5					
tilt-first function	3201.771R	3201.771L	20					
Locking piece and keeper kit	3200.805R	3200.805L	40	1				

Application fields

Leaf max weight of 110 Kg (art. 3200.709/.729)

2700	•	42	37	37	29	25	22	21	19	16	15	13	12	11	10	10	9
2600	•	44	39	38	31	26	22	22	19	17	15	14	13	12	11	10	9
2500	•	46	40	40	32	27	23	23	20	18	16	15	13	12	11	11	10
2400	•	48	42	42	34	28	25	25	21	19	17	15	14	13	12	11	10
2300	•	44	44	35	29	26	26	22	20	18	16	15	13	12	12	11	
2200	•	47	46	37	31	27	27	23	21	19	17	15	14	13	12	11	
2100	•	49	49	39	33	29	29	25	22	20	18	16	15	14	12	11	
2000	•	41	35	30	30	26	23	21	19	17	16	14	12	11			
1900	•	44	37	32	32	28	25	22	20	18	16	14	12	11			
1800	•	47	39	34	34	29	26	23	21	19	16	14	12	11			
1700	•	50	41	36	36	31	28	25	23	19	16	14	12	11			
1600	•	44	39	39	34	30	27	23	19	16	14	12	11				
1500	•	48	42	42	36	32	28	23	20	16	14	12	10				
1400	•	45	45	39	35	28	23	20	16	14	12	10					
1300	•	49	49	42	35	29	23	20	16	14	12	9					
1200	•	45	35	29	24	20	16	13	10	7							
1100	•	45	36	29	24	20	15	11	7	5							
1000	•	45	36	29	24	17	12	8	5	X							
900	•	46	36	28	19	13	8	4	X	X							
800	•	46	34	22	13	7	X	X	X	X							
700	•	41	25	14	6	X	X	X	X	X							
		360	460	509	510	610	710	794	795	900	1000	1100	1200	1300	1400	1500	1700

Leaf max weight of 140 Kg (art. 3200.709/.729+3200.708R/L)

2700	•	•	48	48	39	32	28	28	24	22	19	18	16	15	14	13	12
2600	•	•	40	34	29	29	25	23	20	18	17	15	14	13	12		
2500	•	•	42	35	31	31	27	24	21	19	17	16	15	14	13		
2400	•	•	44	37	32	32	28	25	22	20	18	17	16	15	14		
2300	•	•	46	38	34	34	29	26	23	21	19	18	16	15	14		
2200	•	•	48	40	35	35	31	27	24	22	20	19	17	16	15		
2100	•	•	42	37	37	32	29	26	23	21	20	18	17	16			
2000	•	•	45	39	39	34	30	27	25	22	21	19	18	17			
1900	•	•	47	42	42	36	32	29	26	24	22	20	19	17			
1800	•	•	44	44	38	34	30	28	25	23	21	19	17	16			
1700	•	•	47	47	41	36	32	29	27	25	22	19	17	16			
1600	•	•	44	39	35	31	29	26	22	19	17	16	15	14			
1500	•	•	47	42	37	34	31	26	22	19	17	16	15	14			
1400	•	•	45	40	36	31	26	22	19	17	16	15	14	13			
1300	•	•	49	44	37	31	26	22	19	17	16	15	14	13			
1200	•	•	45	37	31	26	22	19	17	16	15	14	13	12			
1100	•	•	45	37	31	26	22	18	14	10	9	8	7	6			
1000	•	•	45	37	31	26	22	18	14	10	9	8	7	6			
900	•	•	45	37	30	23	17	12	9								
800	•	•	46	34	25	18	12	8	5								
700	•	•	41	25	14	6	X	X	X	X							
		360	460	509	510	610	710	794	795	900	1000	1100	1200	1300	1400	1500	1700

Leaf max weight of (art. 3200.7701/.721)

2700	•	•	•	48	40	35	35	30	27	24	22	20	18	17	16	15	
2600	•	•	•	50	41	36	36	31	28	25	23	21	19	18	16	15	
2500	•	•	•	43	38	38	33	29	26	24	22	20	18	17	16		
2400	•	•	•	45	40	40	34	30	27	25	23	21	19	18	17		
2300	•	•	•	47	42	41	36	32	29	26	24	22	20	19	17		
2200	•	•	•	50	44	44	38	33	30	27	25	23	21	19	17		
2100	•	•	•	46	46	40	35	32	29	26	24	22	19	17			
2000	•	•	•	48	48	42	37	33	30	28	25	22	19	17			
1900	•	•	•	44	39	35	32	29	26	22	19	17	16	15			
1800	•	•	•	47	42	37	34	30	26	22	19	17	16	15			
1700	•	•	•	44	40	36	30	26	22	19	17	16	15	14			
1600	•	•	•	48	43	36	30	26	22	19	17	16	15	14			
1500	•	•	•	44	36	31	26	22	19	17	16	15	14	13			
1400	•	•	•	44	36	31	26	22	19	17	16	15	14	13			
1300	•	•	•	44	37	31	26	22	19	17	16	15	14	13			
1200	•	•	•	45	37	31	26	22	19	17	16	15	14	13			
1100	•	•	•	45	37	31	26	22	18	14	10	9	8	7			
1000	•	•	•	45	37	31	26	20	16	12							
900	•	•	•	45	37	30	23	17	12	9							
800	•	•	•	46	34	25	18	12	8	5							
700	•	•	•	39	27	18	11	6	X	X							
		360	460	509	510	610	710	794	795	900	1000	1100	1200	1300	1400	1500	1700

Leaf max weight of 70 Kg for internally flush profiles (art. 3200.740/.742/.743R/.743L/.745)

2700	37	31	23	18	15	13	11	10	9	8	7	6	6
2600	39	32	24	19	16	13	11	10	9	8	7	7	6
2500	40	34	25	20	16	14	12	11	9	8	8	7	6
2400	42	35	26	21	17	15	13	11	10	9	8	7	7
2300	45	37	29	22	18	15	13	12	10	9	8	8	7
2200	47	39	29	23	19	16	14	12	11	10	9	8	8
2100	41	31	24	20	17	15	13	12	10	9	8	8	7
2000	44	32	26	21	18	16	14	12	11	10	9	8	8
1900	46	34	27	23	19	17	15	13	12	11	10	9	9
1800	49	37	29	24	20	18	16	14	13	11	10	10	10
1700	39	31	26	22	19	17	15	13	12	11	10	10	10
1600	42	33	28	23	20	18	16	14	13	12	11	11	11
1500	45	36	30	25	22	19	17	16	14	13	12	11	11
1400	45	36	30	25	22	19	17	16	14	13	12	11	11
1300	42	35	30	26	23	20	18	17	15	14	13	12	11
1200	47	38	33	28	25	22	20	18	17	15	14	13	12
1100	43	36	32	28	25	22	20	18	17	15	14	13	12
1000	48	41	35	31	28	24	17	12	8				
900	46	40	35	28	19	13	8	4					
800	46	34	22	14	8	3	X						
700	41	25	14	6	X	X	X						
	360	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500

Max glass thickness of 50 mm
 Max glass thickness indicated (ex. 20 mm)
 Not feasible

NOTE: The glass thickness refers to the thickness of material without air space.

Weight capacities and application fields are guaranteed by using the accessories on suitable profiles. In the event of significant size and weight, please contact the technical department of the system manufacturer or to Savio.

Secondary leaf hinge range

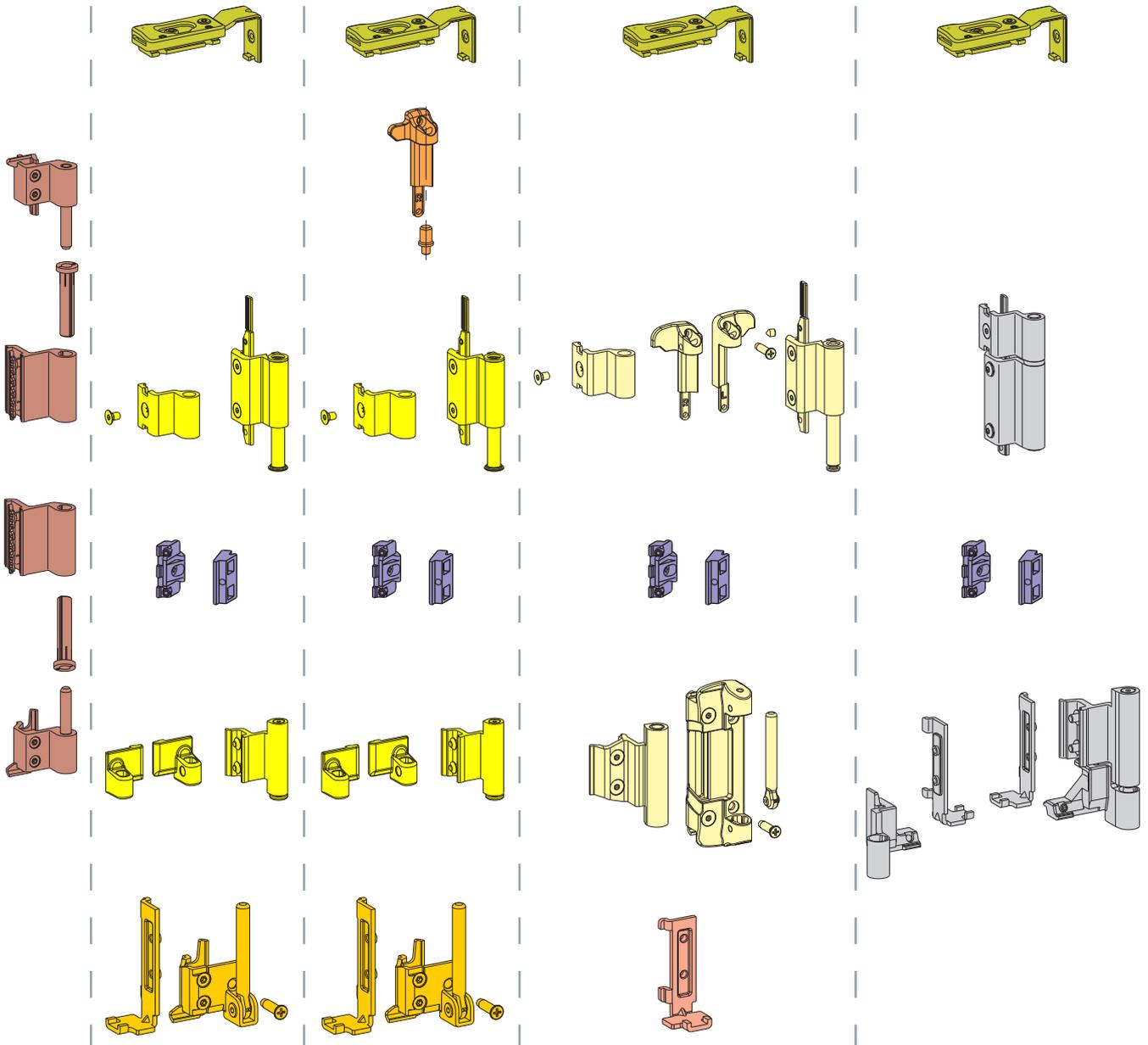
80 KG

110 KG

140 KG

170 KG

70 KG for internally flush profiles



3200.809
3200.829

3200.840R - 3200.840L
3200.860R - 3200.860L

1246.832W

3200.709/.729

3200.710R - 3200.710L
3200.730R - 3200.730L

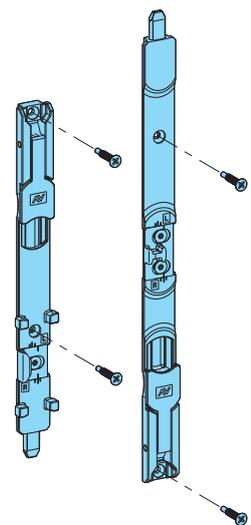
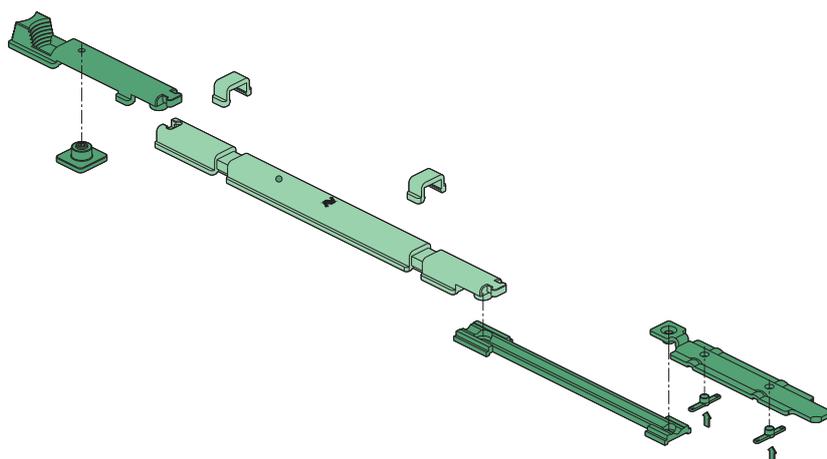
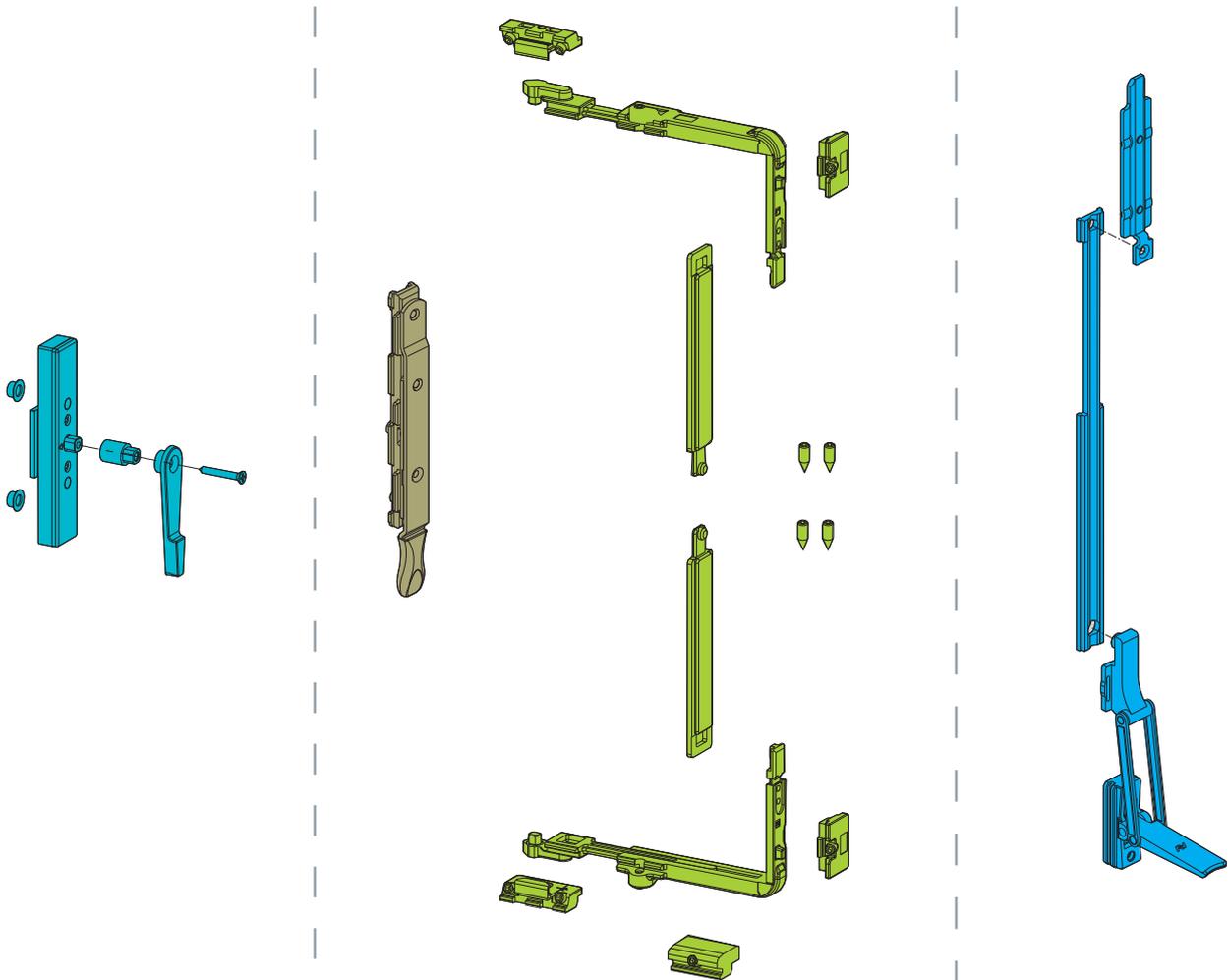
3200.708R - 3200.708L

3200.701/.721

3200.700R - 3200.700L
3200.720R - 3200.720L

3200.740 - 3200.742
3200.743R - 3200.743L - 3200.745

Secondary leaf bolt range



1537



1538



1541.800/.801



3200.845



1551.6



3200.850/.851/.852/.853/.854



3200.859

Basic kits (for 4 closing points)



Article	Description	Pcs.	Finishes
3200.R	RIBANTA 5 (patented) Right vertical fulcrum Kit, turn-first function , in white galvanized zamak and black nylon, premounted screw in stainless steel 304 and 430, right hinge support in stainless steel 304, right pin in stainless steel 201 with premounted counterplate in stainless steel 430 and pin in galvanized steel, 1 self-forming countersunk head screw M5x18 in stainless steel 304.	5	
3200.L	Like 3200.R but LH .	5	



Article	Description	Pcs.	Finishes
3200.2R	RIBANTA 5 (patented) Right horizontal fulcrum Kit, turn-first function , in white galvanized zamak and black nylon, premounted screw in stainless steel 304 and 430, right hinge support in stainless steel 304, right pin in stainless steel 201 with premounted counterplate in stainless steel 430 and pin in galvanized steel, 1 self-forming countersunk head screw M5x18 in stainless steel 304.	5	
3200.2L	Like 3200.2R but LH .	5	



Article	Description	Pcs.	Finishes
3200.3R	RIBANTA 5 (patented) Right horizontal fulcrum Kit, fixed height of handle to 300 mm, turn-first function , in white galvanized zamak and black nylon, premounted screw in stainless steel 304 and 430, right hinge support in stainless steel 304, right pin in stainless steel 201 with premounted counterplate in stainless steel 430 and pin in galvanized steel, 1 self-forming countersunk head screw M5x18 in stainless steel 304.	5	
3200.3L	Like 3200.3R but LH .	5	



Article	Description	Pcs.	Finishes
3200.4R	RIBANTA 5 (patented) Right horizontal fulcrum Kit, turn-first function , in white galvanized zamak and black nylon, premounted screw in stainless steel 304 and 430, right hinge support in stainless steel 304, right pin in stainless steel 201 with premounted counterplate in stainless steel 430 and pin in galvanized steel, 1 self-forming countersunk head screw M5x18 in stainless steel 304 (without telescopic element).	5	
3200.4L	Like 3200.4R but LH .	5	

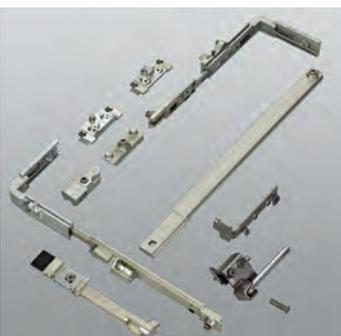


Article	Description	Pcs.	Finishes
3200.5R	RIBANTA 5 (patented) Right vertical fulcrum Kit, turn-first function , in white galvanized zamak and black nylon, premounted screw in stainless steel 304 and 430 (without support and hinge pivot).	5	
3200.5L	Like 3200.5R but LH .		

Basic kits (for 4 closing points)

	Article	Description	Pcs.	Finishes
	3200.6R	RIBANTA 5 (patented) Right horizontal fulcrum Kit, turn-first function , in white galvanized zamak and black nylon, premounted screw in stainless steel 304 and 430 (without support and hinge pivot) .	5	
	3200.6L	Like 3200.6R but LH.		
	Article	Description	Pcs.	Finishes
	3200.7R	RIBANTA 5 (patented) Right vertical fulcrum Kit, turn-first function, without support and hinge pivot , in white galvanized zamak and black nylon, premounted screw in stainless steel 304 and 430 (to combine with art. 3200.859) .	5	
	3200.7L	Like 3200.7R but LH.	5	
	Article	Description	Pcs.	Finishes
	3200.20R	RIBANTA 5 (patented) Right vertical fulcrum Kit, turn-first function , in white galvanized zamak and black nylon, premounted screw in stainless steel 304 and 430 (without support and hinge pivot) .	20	
	3200.20L	Like 3200.20R but LH.	20	
	Article	Description	Pcs.	Finishes
	3200.22R	RIBANTA 5 (patented) Right horizontal fulcrum Kit, turn-first function , in white galvanized zamak and black nylon, premounted screw in stainless steel 304 and 430 (without support and hinge pivot) .	20	
	3200.22L	Like 3200.22R but LH.	20	
	Article	Description	Pcs.	Finishes
	3201.R	RIBANTA 5 (patented) Right vertical lateral fulcrum Kit, tilt-first function , in white galvanized zamak and black nylon, premounted screw in stainless steel 304 and 430, right hinge support in stainless steel 304, right pin in stainless steel 201 with premounted counterplate in stainless steel 430 and pin in galvanized steel, 1 self-forming countersunk head screw M5x18 in stainless steel 304.	5	
	3201.L	Like 3201.R but LH.	5	

Basic kits (for 4 closing points)

	Article	Description	Pcs.	Finishes
	3201.2R	RIBANTA 5 (patented) Right horizontal fulcrum Kit, tilt-first function , in white galvanized zamak and black nylon, premounted screw in stainless steel 304 and 430, right hinge support in stainless steel 304, right pin in stainless steel 201 with premounted counterplate in stainless steel 430 and pin in galvanized steel, 1 self-forming countersunk head screw M5x18 in stainless steel 304.	5	
	3201.2L	Like 3201.2R but LH .	5	
	Article	Description	Pcs.	Finishes
	3201.20R	RIBANTA 5 (patented) Right vertical lateral fulcrum Kit, tilt-first function , in white galvanized zamak and black nylon, premounted screw in stainless steel 304 and 430 (without support and hinge pivot).	20	
	3201.20L	Like 3201.20R but LH .	20	
	Article	Description	Pcs.	Finishes
	3201.22R	RIBANTA 5 (patented) Right horizontal fulcrum Kit, tilt-first function , in white galvanized zamak and black nylon, premounted screw in stainless steel 304 and 430 (without support and hinge pivot).	20	
	3201.22L	Like 3201.22R but LH .	20	
	Article	Description	Pcs.	Finishes
	3202.R	RIBANTA 5 (patented) Right vertical fulcrum Kit with night ventilation, turn-first function , in white galvanized zamak and black nylon, premounted screw in stainless steel 304 and 430, right hinge support in stainless steel 304, right pin in stainless steel 201 with premounted counterplate in stainless steel 430 and pin in galvanized steel, 1 self-forming countersunk head screw M5x18 in stainless steel 304.	5	
	3202.L	Like 3202.R but LH .	5	
	Article	Description	Pcs.	Finishes
	3202.2R	RIBANTA 5 (patented) Right horizontal fulcrum Kit with night ventilation, turn-first function , in white galvanized zamak and black nylon, premounted screw in stainless steel 304 and 430, right hinge support in stainless steel 304, right pin in stainless steel 201 with premounted counterplate in stainless steel 430 and pin in galvanized steel, 1 self-forming countersunk head screw M5x18 in stainless steel 304.	5	
	3202.2L	Like 3202.2R but LH .	5	

Basic kits (for 4 closing points)

	Article	Description	Pcs.	Finishes
	3200.750R	RIBANTA 5 (patented) Right short arm, turn-first function , in white galvanized zamak, black nylon, stainless steel 201 and 304, premounted screw in stainless steel 304, pre-oxidized aluminum rod divided into millimetres.	5	
	3200.750L	Like 3200.750R but LH .	5	
	3200.770R	Like 3200.750R but 20 pcs. each box .	20	
	3200.770L	Like 3200.770R but LH .	20	
	Article	Description	Pcs.	Finishes
	3200.751R	RIBANTA 5 (patented) Right standard arm, turn-first function , in white galvanized zamak, black nylon, stainless steel 201 and 304, premounted screw in stainless steel 304 and 430, premounted rod and rod divided into millimetres in pre-oxidized aluminum.	5	
	3200.751L	Like 3200.751R but LH .	5	
	3200.771R	Like 3200.751R but 20 pcs. each box .	20	
	3200.771L	Like 3200.771R but LH .	20	
	Article	Description	Pcs.	Finishes
	3200.752R	RIBANTA 5 (patented) Right long arm, turn-first function , in white galvanized zamak, black nylon, stainless steel 201 and 304, premounted screw in stainless steel 304 and 430, premounted pre-oxidized aluminum rod and telescopic pinion in white galvanized zamak.	5	
	3200.752L	Like 3200.752R but LH .	5	
	3200.772R	Like 3200.752R but 20 pcs. each box .	20	
	3200.772L	Like 3200.772R but LH .	20	
	Article	Description	Pcs.	Finishes
	3201.750R	RIBANTA 5 ((patented) Right short arm, tilt-first function , in white galvanized zamak, black nylon, stainless steel 201 and 304, premounted screw in stainless steel 304, pre-oxidized aluminum rod divided into millimetres.	5	
	3201.750L	Like 3201.750R but LH .	5	
	3201.770R	Like 3201.750R but 20 pcs. each box .	20	
	3201.770L	Like 3201.770R but LH .	20	
	Article	Description	Pcs.	Finishes
	3201.751R	RIBANTA 5 (patented) Right standard arm, tilt-first function , in white galvanized zamak, black nylon, stainless steel 201 and 304, premounted screw in stainless steel 304 and 430, premounted rod and rod divided into millimetres in pre-oxidized aluminum.	5	
	3201.751L	Like 3201.751R but LH .	5	
	3201.771R	Like 3201.751R but 20 pcs. each box .	20	
	3201.771L	Like 3201.771R but LH .	20	

Basic kits (for 4 closing points)

Image	Article	Description	Pcs.	Finishes
	3201.752R	RIBANTA 5 (patented) Right long arm, tilt-first function , in white galvanized zamak, black nylon, stainless steel 201 and 304, premounted screw in stainless steel 304 and 430, premounted pre-oxidized aluminum rod and telescopic pinion in white galvanized zamak.	5	
	3201.752L	Like 3201.752R but LH .	5	
	3201.772R	Like 3201.752R but 20 pcs. each box .	20	
	3201.772L	Like 3201.772R but LH .	20	
	3200.800R	RIBANTA 5 (patented) Right additional arm, turn-first function , in stainless steel 304, white galvanized zamak and black nylon, premounted screw in stainless steel 304 and 430.	5	
	3200.800L	Like 3200.800R but LH .	5	
	3201.800R	RIBANTA 5 (patented) Right supplementary arm, tilt-first function , in stainless steel 304, white galvanized zamak and black nylon, premounted screw in stainless steel 304 and 430.	5	
	3201.800L	Like 3201.800R but LH .	5	
	3200.709	RIBANTA 5 (patented) Non-handed hinge kit (weight capacity 110 Kg) in aluminum, premounted upper pin and counterplate in stainless steel 43, premounted nylon bushing and adjustment grub screw, 2 socket flat head screws M5x12 in stainless steel mounted on lower window leaf, 1 socket flat head screw M5x8 in stainless steel 304, nylon pin covers.	5	1013, 1015, 1035, 1247, 3001, 6005, 7016, 7032, 7035, 8017, 8019, 8077, 9001, 9005, 9010, 9016, B.MA, B.SA, BL10, BR5, BR801, BW21, C, GR217, GR51, GR606, GREY, HL, PVD H, PVD X, SILV, WT005
	3200.729	Like 3200.709 but 20 pcs. each box and finishes 1013, 1015, 7016, 7047, 8017, 9005, 9010, 9016, B.SA, BL25, BW21, C, HL, SILV.	20	
	3200.708R	RIBANTA5 (patented) Right reinforcement kit for hinge 3000.709 (upper part), weight capacity 140 Kg , in zamak, pin in stainless steel 430, 1 self-forming countersunk head screw M5x18 in stainless steel 304.	5	1013, 1015, 1247, 3001, 6005, 7035, 8017, 8019, 8077, 9001, 9005, 9010, 9016, B.SA, BL10, BR5, BR801, BW21, C, GR217, GR606, GREY, PVD H, PVD X, SILV, WT005
	3200.708L	Like 3200.708R but LH and also finishing B.MA.	5	

Basic kits (for 4 closing points)

	Article	Description	Pcs.	Finishes
	3200.710R	Right lower support and pin for secondary leaf hinge (weight capacity 110-140 Kg) , in stainless steel 304, right pin in stainless steel 201 with premounted counterplate in stainless steel 430 and pin in galvanized steel, 1 self-forming countersunk head screw M5x18 in stainless steel 304.	5	
	3200.710L	Like 3200.710R but LH.	5	
	3200.730R	Like 3200.710R but 20 pcs. each box.	20	
	3200.730L	Like 3200.730R but LH.	20	
	Article	Description	Pcs.	Finishes
	3200.701	RIBANTA 5 (patented) Non-handed hinge kit (weight capacity 170 Kg) in aluminum and zamak, premounted upper pin and counterplate in stainless steel 430, lower pin in galvanized steel with premounted stainless steel grub screw, premounted nylon bushing and adjustment grub screw, 2 socket flat head screws M5x12 in stainless steel premounted on lower window leaf, 1 grub screw M5x6, 1 socket flat head screw M5x8 and 2 self-forming countersunk head screws M5x18 in stainless steel 304.	5	1013, 1015, 1247, 3001, 6005, 7016, 8017, 8019, 8077, 9001, 9005, 9010, 9016, B.MA, B.SA, BL10, BR5, BR801, BW21, C, GR217, GR606, GREY, PVD H, PVD X, SILV, WT005
	3200.721	Like 3200.701 but 20 pcs. each box and finishes 1013, 7035, 9005, 9010, 9016, B.SA, BL25, BW21, C, SILV.	20	
	Article	Description	Pcs.	Finishes
	3200.700R	Right bottom hinge support (weight capacity 170 Kg) in stainless steel 304.	5	
	3200.700L	Like 3200.700R but LH.	5	
	3200.720R	Like 3200.700R but 20 pcs. each box.	20	
	3200.720L	Like 3200.720R but LH.	20	
	Article	Description	Pcs.	Finishes
	3200.740	RIBANTA 5 Non-handed hinge kit (weight capacity 70 Kg) for internally flush profiles.	5	1013, 8017, 8019, 9001, 9005, 9010, BL10, BR5, BR801, C, GR217, GR51, GR606, HL, PVD H, PVD X, SILV
	3200.745	Like 3200.740 but for internally flush profiles with 4 mm teeth and also finishing B.MA.	5	
	Article	Description	Pcs.	Finishes
3200.742	RIBANTA 5 Non-handed hinge kit (weight capacity 70 Kg) in aluminium, zamak and stainless steel, for internally flush profiles with height rebate of 10 mm. Preassembled screws in stainless steel.	5	1013, 8017, 8019, 9001, 9005, 9010, BL10, BR5, BR801, C, GR217, GR51, GR606, HL, PVD X, SILV	

Basic kits (for 4 closing points)

	Article	Description	Pcs.	Finishes
	3200.743R	RIBANTA 5 RH hinge kit (weight capacity 70 Kg) in aluminium, zamak and stainless steel, for internally flush profiles with height rebate of 10 mm. Preassembled screws in stainless steel.	5	1013, 8017, 8019, 9001, 9005, 9010, BL10, BR5, BR801, C, GR217, GR606, HL, PVD X, SILV
	3200.743L	Like 3200.743R but LH.	5	
	Article	Description	Pcs.	Finishes
	3205/25	(patented) 250 mm transmission rod in silver pre-oxidized extruded aluminum.	100	
	3205/40, /60, /80, /100, /120, /140,	Like 3205/25 but of 400, 600, 800, 1000, 1200, or 1400 mm.	100	
3205/160, /180, /200, /220, /300	Like 3205/25 but of 1600, 1800, 2000, 2200 or 3000 mm.	50		
	Article	Description	Pcs.	Finishes
	3205.910	(patented) Kit of 5 transmission rods length 1200 mm in silver anodized extruded aluminum.	1	
	3205.911	(patented) Transmission rod kit in silver anodized extruded aluminum consisting of: 5 250 mm rods, 5 1000 mm rods and 5 1200 mm rods.	1	
3205.912	(patented) Kit of 5 transmission rods length 1800 mm in silver anodized extruded aluminum.	1		
	Article	Description	Pcs.	Finishes
3200.950	Accessories positioning jig in yellow nylon, for 110/140 Kg hinges.	5		
	Article	Description	Pcs.	Finishes
3200.951	Accessories positioning jig in red nylon, for 170 Kg hinges.	5		

Basic kits (for 4 closing points)

	Article	Description	Pcs.	Finishes
	3200.952	Accessories positioning jig in black nylon, for frame elements.	5	
	Article	Description	Pcs.	Finishes
	3200.953	Keeper positioning jig in black nylon, for supplementary closing points.	5	
	3200.954	kit of jigs art. 3200.950 + 3200.952 + 3200.953.	1	
	Article	Description	Pcs.	Finishes
	3200.955	Hinge drilling jig in nylon with co-molded bushings.	1	

Supplementary locking points

	Article	Description	Pcs.	Finishes
	3200.820R	(patented) Right kit for 6 closing points in white galvanized zamak, premounted screws in stainless steel 304 and 430.	5	
	3200.820L	Like 3200.820R but LH.	5	
	Article	Description	Pcs.	Finishes
	3200.825R	(patented) Right Kit for 8 closing points in white galvanized zamak, premounted screws in stainless steel 304 and 430.	5	
	3200.825L	Like 3200.825R but LH.	5	

Accessories for secondary casement

With reference to art. 3200.701/.721, 3200.709/.729, 3200.740, 3200.742, 3200.743R/L, 3200.745 and for the relative accessories art. 3200.700R/L, 3200.708R/L, 3200.710R/L, 3200.720R/L and 3200.730R/L, see the "BASIC KITS (FOR 4 CLOSING POINTS)" section from page 18 to page 20.

	Article	Description	Pcs.	Finishes
	3200.809	Hinge kit in aluminium for second leaf, pre-assembled pins and counterplates in stainless steel 430, black nylon bushings, 4 socket head cap screws M5x16 and 2 special countersunk oval socket flat head screws M5x10 in stainless steel 430, pre-assembled. Weight capacity 80 Kg.	5	1013, 1015, 1247, 6005, 7016, 7035, 8017, 8019, 9001, 9005, 9010, 9016, B.SA, BL10, BR5, BR801, BW21, C, GR217, GR606, HL, PVD H, PVD X, SILV, WT005
	3200.829	Like 3200.809 but 20 pcs. each box and finishes 1013, 9005, 9010, B.SA and C. In addition, each box of 20 pcs. contains also 1 positioning jig in black nylon code 3200.957.	20	
	Article	Description	Pcs.	Finishes
	3200.831	RIBANTA 5 Non-handed hinge kit for secondary leaf (weight capacity 70 Kg) for internally flush profiles.	5	1013, 8017, 8019, 9001, 9005, 9010, BL10, BR5, BR801, C, GR217, GR606, HL, PVD X, SILV
	Article	Description	Pcs.	Finishes
	3200.842	Non-handed hinge kit for secondary leaf (weight capacity 70 Kg) in aluminium, zamak and stainless steel, for internally flush profiles with height rebate of 10 mm. Preassembled screws in stainless steel.	5	1013, 8017, 8019, 9001, 9005, 9010, BL10, BR5, BR801, C, GR217, GR606, HL, PVD X, SILV
	Article	Description	Pcs.	Finishes
	3200.747R	RH hinge pivot in zamak for internally flush profiles with height rebate of 10 mm.	5	1013, 8017, 8019, 9001, 9005, 9010, BL10, BR5, BR801, C, GR217, GR606, HL, PVD X, SILV
	3200.747L	Like 3200.747R but LH .		
	Article	Description	Pcs.	Finishes
	3200.840R	(patented) Right adjustable upper support for secondary leaf hinge in white galvanized zamak and stainless steel arm, premounted stainless steel screw 304.	5	
	3200.840L	Like 3200.840R but LH .	5	
	3200.860R	Like 3200.840R but 20 pcs. each box .	5	
	3200.860L	Like 3200.860R but LH .	5	

Accessories for secondary casement

	<p>Article</p> <p>3200.850</p> <p>3200.851</p> <p>3200.852</p> <p>3200.853</p> <p>3200.854</p> <p>3200.896</p>	<p>Description</p> <p>Bolt in black nylon and stainless steel 304, stop pin in zamak with premounted grub screw M5x6, rod in oxidized aluminum. For groove 15x20 mm.</p> <p>Like 3200.850 but for groove 14x19.5 mm.</p> <p>Like 3200.850 but for groove 13.5x16.5 mm.</p> <p>Like 3200.850 but for groove 14x18 mm.</p> <p>Like 3200.850 but for groove 15x20 mm.</p> <p>Like 3200.850 but for groove 13.2x16.7 mm.</p>	<p>Pcs.</p> <p>20</p> <p>20</p> <p>20</p> <p>20</p> <p>20</p>	<p>Finishes</p>
	<p>Article</p> <p>1551.6</p>	<p>Description</p> <p>(patented) Lever bolt (travel 22 mm) in zamak, nylon and stainless steel 430, 2 countersunk head screws Ø 3,9x19 in black galvanized steel, 3 nylon spacers (2 mm, 1.5 mm and 4.7 mm). For 15x20 mm groove.</p>	<p>Pcs.</p> <p>20</p>	<p>Finishes</p>
	<p>Article</p> <p>3200.859</p>	<p>Description</p> <p>Monolithic bolt kit for secondary leaf alongside tilt and turn RIBANTA 5 with vertical fulcrum (art. 3200.7R/L), in white galvanized zamak, 4 self-drilling countersunk head screws Ø 3,9x22 in white galvanized steel.</p>	<p>Pcs.</p> <p>10</p>	<p>Finishes</p>
	<p>Article</p> <p>3200.808</p>	<p>Description</p> <p>Nylon spacer for art. 3200.859.</p>	<p>Pcs.</p> <p>40</p>	<p>Finishes</p>
	<p>Article</p> <p>1537</p>	<p>Description</p> <p>Bi-directional bolt in white galvanized zamak, 1 cap screw Ø 3.5x25 mm in stainless steel.</p>	<p>Pcs.</p> <p>20</p>	<p>Finishes</p>

Accessories for secondary casement

	Article	Description	Pcs.	Finishes
	1538	Bi-directional bolt in stainless steel, white galvanized zamak and nylon, 2 pre-assembled grub screws M5x10 in stainless steel.	20	
	Article	Description	Pcs.	Finishes
	3200.845	Corner device kit in white galvanized zamak and nylon, pre-assembled screws in stainless steel, 4 special grub screws M5x15 in stainless steel.	5	
	Article	Description	Pcs.	Finishes
	1539	Lever bolt (travel 18 mm) in white galvanized zamak, 4 self-drilling countersunk head screws Ø 3,9x22 in white galvanized steel.	20	
	Article	Description	Pcs.	Finishes
	1414W	Adjustable keeper in white galvanized zamak, 1 pre-assembled grub screw M5x12 in stainless steel, 2 nylon cups.	200	
	Article	Description	Pcs.	Finishes
	1414.1W	Double adjustable keeper in white galvanized zamak, 2 pre-assembled grub screws M5x12 in stainless steel, 3 black nylon spacers (0.6 - 1 - 1.5 mm).	200	

Accessories for secondary casement

	Article	Description	Pcs.	Finishes
	1416.5W	Double keeper in white galvanized zamak, 1 pre-assembled grub screw M5x16 in galvanized steel.	100	
	Article	Description	Pcs.	Finishes
	1246.832W	Additional closure hinge side in white galvanized zamak, 3 premounted grub screws M5x12 and 1 socket flat head screw M4x8 in stainless steel 304.	40	
	Article	Description	Pcs.	Finishes
	3200.957	Black nylon positioning jig for hinges art. 3200.809/.829.	5	

Complementary accessories

	Article	Description	Pcs.	Finishes
	1210/7	MONO Mono directional movement mechanism with 14,5 mm backset, in white galvanized zamak, 7 mm square hole, nylon bushings Ø 6-Ø 8 mm.	5	
	Article	Description	Pcs.	Finishes
	1212/7	MONO Mono directional movement mechanism in white galvanized zamak, 7 mm square hole, nylon bushings Ø 6-Ø 8 mm.	5	

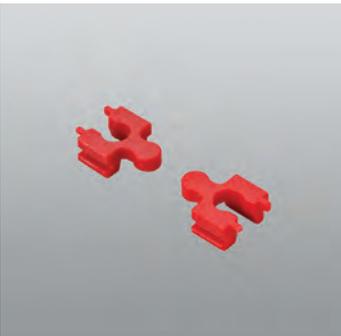
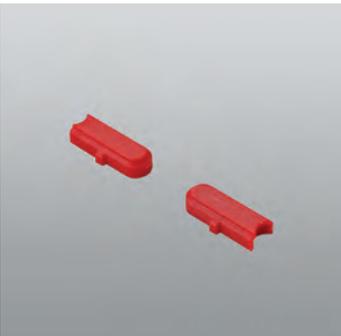
Complementary accessories

	Article	Description	Pcs.	Finishes
	1212.705	Black nylon on-site transportation device for art. 1212/7.	40	
	Article	Description	Pcs.	Finishes
	1212.801	Rod connecting piece and 2 nylon bushings of Ø 6-Ø 8 mm in nylon.	40	
	Article	Description	Pcs.	Finishes
	1243.721W	Adjustable keeper in white galvanized zamak, 2 pre-assembled grub screws M5x12 and 1 countersunk head screw M4x8 in stainless steel 304.	40	
	Article	Description	Pcs.	Finishes
	3200.805R	(patented) Right locking piece and adjustable keeper in white galvanized zamak, premounted screws in stainless steel 304, 1 premounted clip in black nylon.	40	
	3200.805L	Like 3200.805R but LH .	40	
	Article	Description	Pcs.	Finishes
	3200.811R	Right locking piece in white galvanized zamak, 1 premounted grub screw TORX® in stainless steel 304, 1 premounted clip in black nylon.	40	
	3200.811L	Like 3200.811R but LH .	40	
	Article	Description	Pcs.	Finishes
	3200.810	(patented) Intermediate closing point in white galvanized zamak, premounted screws in stainless steel 304 and 430, and adjustable locking piece.	40	

Complementary accessories

	Article	Description	Pcs.	Finishes
	3200.835	Anti-burglar device in stainless steel 304, 1 socket flat head screw M4x8 in stainless steel 304, 1 self-forming countersunk head screw M5x18 in stainless steel 304.	20	
	Article	Description	Pcs.	Finishes
	3200.836	Anti-burglar device for groove 14-18 mm and 2 countersunk head screws M5x18 in stainless steel.	20	
	3200.838	Like 3200.836 but for groove 10-14 mm .	20	
	Article	Description	Pcs.	Finishes
	3200.837R	RH SKG security kit in white galvanized zamak, 8 countersunk head screws M5x18 in stainless steel.	5	
	3200.837L	Like 3200.837R but LH .	5	
	Article	Description	Pcs.	Finishes
	3200.839	Supplementary protection element in white galvanized zamak, 2 self forming thread screws M5x18 in stainless steel.	40	
	Article	Description	Pcs.	Finishes
	1541.800	Extension part in black nylon for art. 1541/.6/.7 and art. 3200.850/.851/.852/.853/.854.	50	
	1541.801	Like 1541.800 but for art. 3200.852.	50	

Complementary accessories

	Article	Description	Pcs.	Finishes
	1490	BLOCAL Lock with security cylinder (same keys) in zamak, nylon and stainless steel 430, 2 cap screws M5x12 and 2 cap screws Ø3.9x13 in stainless steel 304.	10	1013, 1015, 1035, 7035, 8019, 9001, 9005, 9010, BL10, C, SILV
	Article	Description	Pcs.	Finishes
	3200.704R	RH handle connection piece in white galvanized zamak, pre-assembled grub screw in stainless steel 304.	40	
	3200.704L	Like 3200.704R but LH.	40	
	Article	Description	Pcs.	Finishes
	3200.706	Handle connection piece for mono directional gearbox in white galvanized zamak, non-handed, premounted grub screw in stainless steel.	40	
	Article	Description	Pcs.	Finishes
	3200.801	Anti-slam device (right + left) in red nylon for standard and long arm.	40	
	Article	Description	Pcs.	Finishes
	3200.802	Anti-slam device (right + left) in red nylon for supplementary arm.	40	

Complementary accessories

Article	Description	Pcs.	Finishes
1343.8R/20	RH frictioning opening limiter arm stay, 20 cm , in zamak, nylon and stainless steel 304, 3 pre-assembled grub screws M5x12 in stainless steel 304.	20	
1343.8L/20	Like 1343.8R/20 but LH .	20	



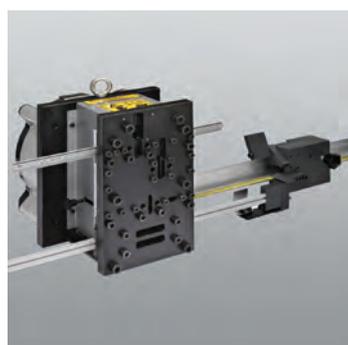
Article	Description	Pcs.	Finishes
1343.8R/60	RH opening limiter arm stay, 60 cm , in zamak, nylon and stainless steel 304, 3 pre-assembled grub screws M5x12 in stainless steel 304.	20	
1343.8L/60	Like 1343.8R/60 but LH .	20	



Article	Description	Pcs.	Finishes
1343.801	Partial frictioning kit for art. 1343.8R/60 – 1343.8L/60, in nylon, 1 screw M5x9 in stainless steel 304.	40	



Article	Description	Pcs.	Finishes
8300.32	Punching machine for rod and anti-burglar devices.	1	



Article	Description	Pcs.	Finishes
8300.35	Assembly bench.	1	



Article	Description	Pcs.	Finishes
8300.37	Manual punching machine for rod for RIBANTA 5/ANTA 5.	1	

Certificates



ift-KONFORMITÄTSZERTIFIKAT
ift-CERTIFICATE OF CONFORMITY



Beschläge / Hardware

Produktfamilien <i>product families</i>	Dreh- und Drehkippsbeschläge für Fenster und Fenestertüren <i>turn and tilt-turn hardware for windows and casement doors</i>
Produkt <i>product</i>	RIBANTATRE 150, RIBANTA 4, RIBANTA 5, RIBANTA INCANTO, RIBANTA INCANTO+
Einsatzbereich <i>field of application</i>	Systeme mit entsprechender Beschlagsaufnahme <i>systems with suitable hardware groove</i>
max. Flügelgewicht <i>max. casement weight</i>	max. 170 kg
Hersteller <i>manufacturer</i>	Savio S.p.A. via Torino 25 (S.S.25), 10050 Chiusa S. Michele
Produktionsstandort <i>production site</i>	Savio S.p.A. via Torino 25 (S.S.25), 10050 Chiusa S. Michele

Mit diesem Zertifikat wird bescheinigt, dass die benannten Beschläge den Anforderungen des Ift-Zertifizierungsprogramms für Beschläge (QM328 / 2006) entsprechen. Grundlagend sind durch das Prüflabor erstellte Produktfamilien der aufgeführten Beschläge. Prüfung durch das Prüflabor nach EN 13126-3: 2006-02 und EN 1191: 2006 unter Berücksichtigung der Anwendungspläne, eine werkseitige Produktionskontrolle des Herstellers und eine Fremdbewertung der Fertigung durch die Überwachungsstelle in den benannten Standorten. Das Zertifikat ist nur in Verbindung mit dem dazugehörigen Überwachungsvertrag gültig.

Die Gültigkeitsdauer des Zertifikates beträgt 5 Jahre. Mit der Erteilung des Zertifikates ist eine regelmäßige Fremdbewertung des Herstellers verbunden.

Das Zertifikat darf nur unverändert vervielfältigt werden. Alle Änderungen der Voraussetzungen für die Zertifizierung sind dem Ift-Q-Zert mit den erforderlichen Nachweisen unverzüglich schriftlich anzuzeigen.

Das Unternehmen ist berechtigt, die Beschlüge gemäß der Ift-Zeichensetzung mit dem Ift-verifiziert-Zeichen zu kennzeichnen.

Dieses Zertifikat enthält 2 Anlagen:
1: Übersicht der Produktfamilien
2: Austauschbarkeit nach EN 14351-1

The present certificate attests that the hardware mentioned fulfils the requirements of the Ift-certification scheme for hardware (QM328 / 2006). Basis of the certificate are the product families of the hardware listed that have been compiled by the test laboratory tests performed by the test laboratory as per EN 13126-3 and EN 1191: 2006 based on the application diagrams, factory production control by the manufacturer and third party surveillance audits of the production by the surveillance bodies at the sites mentioned. The certificate is valid only in conjunction with the corresponding surveillance contract.

The certificate is valid for a period of 5 years. Award of the certificate is subject to regular third-party surveillance of the manufacturer.

The reproduction of the certificate without any change whatsoever from the original, is permitted. Any changes to the prerequisites applicable to certification shall be immediately communicated in writing to Ift-Q-Zert accompanied by the necessary evidence.

The company is authorised to affix the "Ift certified"-mark to the hardware according to the Ift Rules for use of the "Ift certified"-mark.

This Certificate contains 2 Annexes:
1: List of product families
2: Interchangeability according to EN 14351-1

EN 1191
EN 12430
Klasse 2
Dauerfunktion
resistance to repeated opening and closing

EN 14629
EN 14351-1
eIFt

EN 12046-1
EN 13115
Tauglichkeit von
Last-bearing
capacity of safety devices

EN 13115
Klasse 2
Bedienkräfte
operating forces

EN ISO 9227

Rosenheim 25.11.2010 Christian Keher
Leiter Ift Zertifizierungs- und Überwachungsstelle
Head of Ift Certification and Surveillance

Vertrag-Nr. / Contract No.: 228 6016161

SKG productcertificate

479.472.01

date of issue: 28-05-2014



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Declaration of SKG

This certificate is in accordance with the SKG Regulations approval, product certification and process certification: 2011.

SKG declares that the by or on behalf of the certificate owner produced building hardware product: **tilt and turn hardware with window handle**

delivered under logo / brand:
SAVIO

delivered under type- and / or article number:
SKG RIBANTA INCANTO+ RIBANTA 5

meets class 2 STER according BRL 3104 and NEN 5089: 2009 if the product is indelibly marked with the SKG mark, as shown above.



SKG

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I www.skg.nl

ir. H.A.J. van Darfel
Certification manager

For SKG

Verify at www.sterenwijzer.nl if this certificate is still valid and actual.

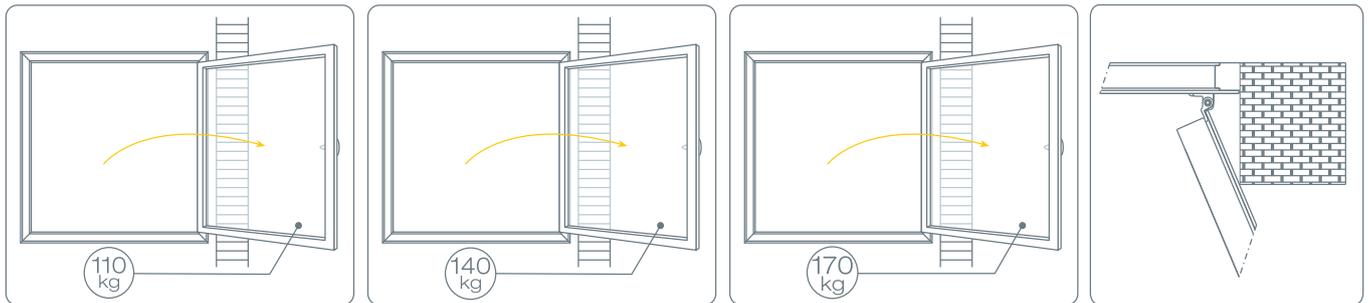
This certificate has 2 pages

Tests according to standard EN 13126-8:2006

After the durability test cycle equal to 15,000 cycles of opening/closing operations (tilt position) and 5,000 cycles of opening/closing operations (turn position), for a total of 60,000 movements, the window is subjected to tests to verify the endurance and safety of the accessory.

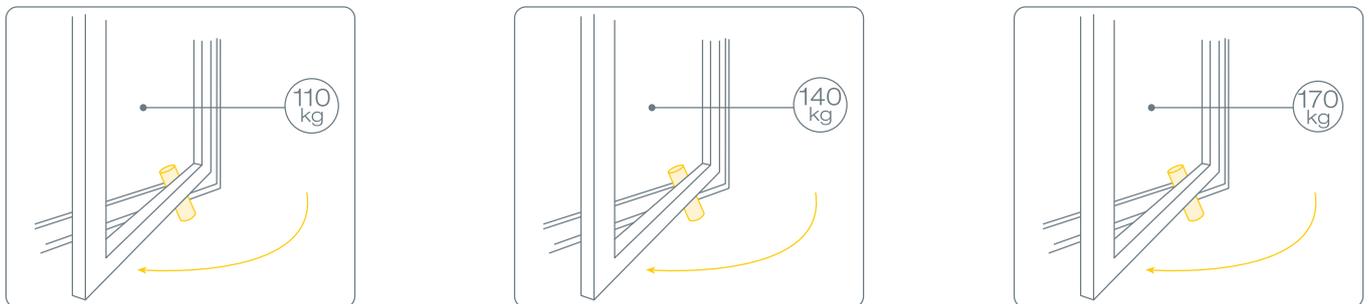
Post simulation test

The casement is accelerated for 3 times during opening against a post placed close to the hinge axis.



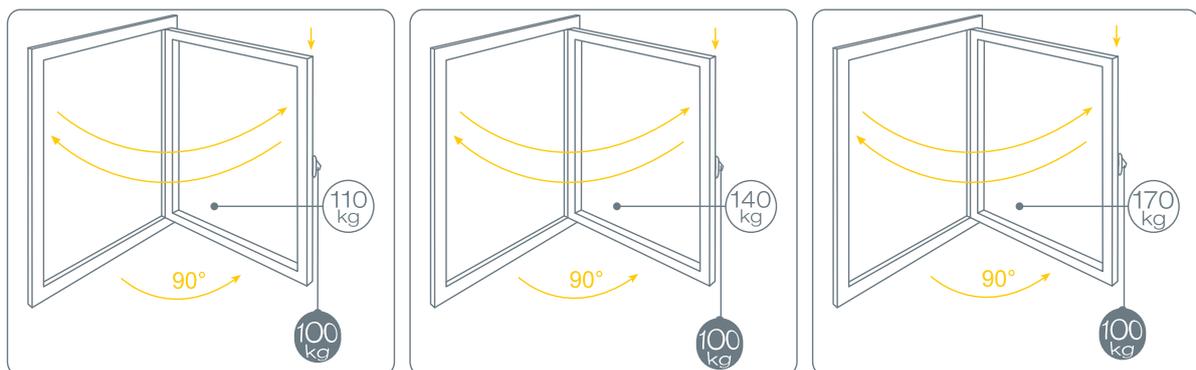
Test with obstacle in the rabbet

The casement is accelerated for 3 times during opening after placing an obstacle close to the hinges.



Supplementary load

A supplementary load of 100 Kg is added for 5 minutes to the normal weight of the casement (110 - 140 - 170 Kg).



Classification table for tilt-and-turn closing systems according to standard EN 13126-8:2006

110 Kg version *

1	2	3	4	5	6	7	8	9
-	4	110	0	1	4	-	8	1300/1200

140 Kg version *

1	2	3	4	5	6	7	8	9
-	4	140	0	1	4	-	8	1550/1400

170 Kg version *

1	2	3	4	5	6	7	8	9
-	4	170	0	1	4	-	8	1550/1400

70 Kg version (only for art. 3200.742) *

1	2	3	4	5	6	7	8	9
-	4	70	0	1	4	-	8	1300/1200

The various obtainable grades are:
(RIBANTA 5 grades in bold)

1 Category of use
Requirements for this category not needed

2 Durability
Grade 4: 15000 opening/closing cycles for tilt and turn and 5.000 opening cycles for leaf, for a total of 60.000 movements.

3 Door mass
110/140/170/70 kg: maximum weight capacity of the window

4 Fire resistance, for application on fire/smoke door assemblies
Requirements for application on fire doors not needed.

5 Safety
Grade 1: The mechanism is safe for the user.

6 Corrosion resistance according to standard EN 1670
Grade 3: high resistance (96 hours in salt spray)
Grade 4: very high resistance (240 hours in salt spray)

7 Anti burglar device safety
Requirements for this category not needed

8 Type of mechanism operation
Grade 8: Type A, closing system for tilt-and-turn with internal opening

9 Dimension of test window:
110 Kg version: width up to 1300 mm
max. height: 1200 mm
140 e 170 Kg version: width up to 1550 mm
max. height: 1400 mm
70 Kg version: width up to 1300 mm
max. height: 1200 mm

Values shown in the table above are the results of tests carried out according to the same parameters used for the previous page tests.

* Weight capacities and application fields are guaranteed using our accessories on suitable profiles.
In case of bigger dimensions and weights, please, contact SAVIO or extruder technical dept.



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