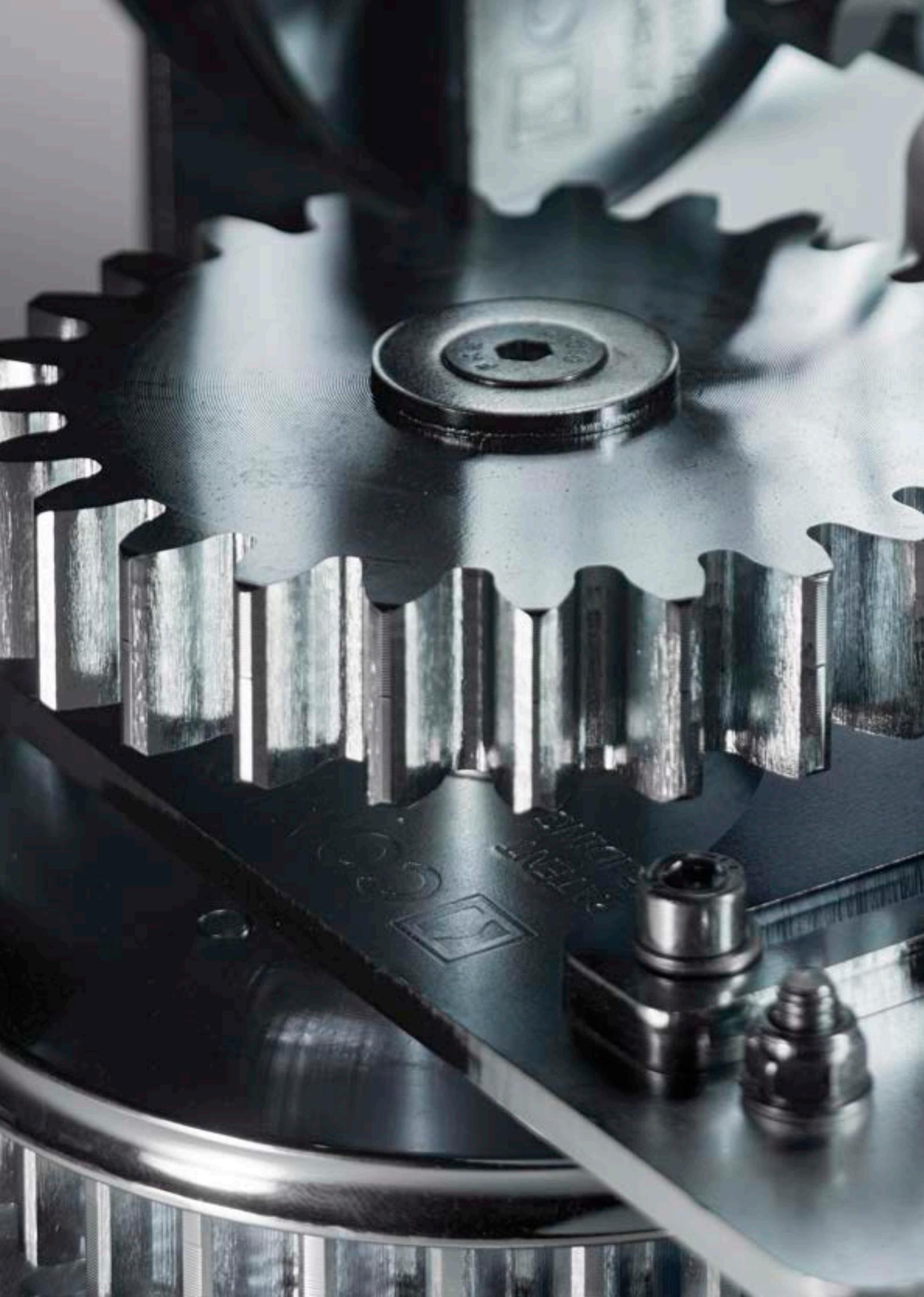




INNOVATION ADVANCING GATES

 **COMUNELLO GATE**



 **COMUNELLO****GATE**

INNOVATION
ADVANCING
GATES

100%

Made in Comunello

Made in Italy



A company with more than 50 years of manufacturing experience, a clear international vision based on the quality of our design, our groundbreaking technology, the solidity of our production, and our commitment to technical service and customer care.

The Comunello Group is built on a solid, reliable, well-structured manufacturing base. The group comprises 5 divisions in which all the products of each division are 100% designed and produced at company headquarters in Italy. This total control over manufacturing processes guarantees the highest levels of quality. Comunello was founded in 1965 and today exports to more than 110 countries worldwide.



A huge range of the finest products.

The Comunello **Gate Division** has built a reputation **in Italy and across the world** for providing the widest range of components for sliding gates and industrial doors of all weights and all sizes. Our vast range of

solutions and use of high quality materials including stainless steel and aluminium bring real value to a product offering which is truly unique and which delivers solutions for **all gate types**, whatever the size.

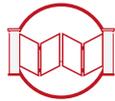
 **COMUNELLO****GATE**



COMUNELLO GATE

Innovative, high profile opening systems conceived, developed and produced in Comunello.

Albatros



An innovative bi-folding swing gate system offering maximum opening in confined spaces.

pag. 10



Rising Hinges



Innovative hinge system designed and developed for gates with sloping openings.

pag. 28



Swing Gate



Wide range of hinges for all types of swing openings and more than 5 fixing combinations and high post-installation adjustability.

pag. 42

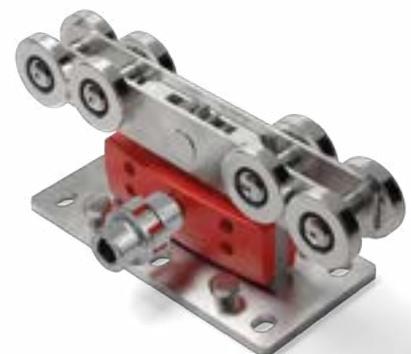


Integrator



A cantilever system that takes the rack to the inside of the monorail and unites the motor directly to the carriage for a unique integrated system.

pag. 60



Bullet



A new revolutionary mono carriage cantilever system that simplifies both the configuration and installation.

pag. 80



Cantilever Gate

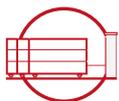


Wide range of 5, 8 and 9 wheel carriages for cantilever gates of any size.

pag. 104



Ranger

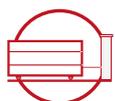


A system of telescopic sliding gates with a precise and efficient mechanical system capable of motorising 2 or 3 leaves simultaneously.

pag. 164



Sliding Gate



High quality wheels and accessories for sliding gates.

pag. 194



Industrial Doors



Sliding Doors and Folding Doors accessories.

pag. 216



Alboatros

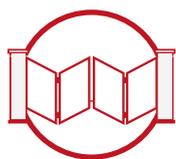
PATENT
PENDING





An innovative bi-folding swing gate system offering maximum opening in confined spaces.

 **COMUNELLO****GATE**



The Albatros bi-folding gate system

PATENT
PENDING



- Bi-folding wide opening swing gate system
- For double gates up to 16 metres wide
- Geared hinges for smooth opening
- Fold system occupies minimal space for opening and closing
- Trackless obstacle free entranceway



Connecting tube



ART.
ABS-10-P
ABS-10-G

Albatros Kit elemets



ART.
ABS-100-P
ABS-100-G

Strike plate



ART.
ABS-15-P
ABS-15-G
ABS-16-G

With its patented revolutionary geared hinge the Albatros system offers a stable smooth opening for the biggest of bi-folding systems. This high quality precise system remains totally suspended and therefore trackless, allowing a clean obstacle free entranceway and

occupying half the space of a single leaf swing gate. The Albatros bi-folding power transmission arm is mounted on the underside of the first gate leaf and is connected to the lower geared hinge ensuring a space effective wide opening system.



Upper hinge



ART.
85L
85PST
85

Bottom hinge



ART.
87
87PST
87L

Runaway stop



ART.
202
202F-C
239

The Albatros bi-folding gate system

Upper geared hinge

Pin with integrated gear mechanism



Anti-crushing rubber stop

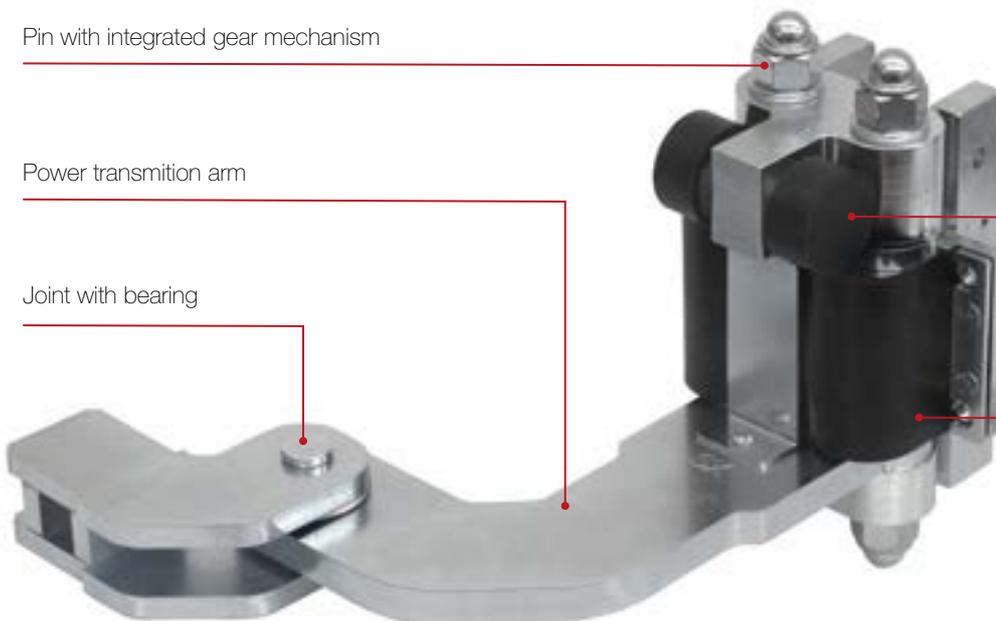
Elastic safety protection

Lower geared hinge with power transmission arm

Pin with integrated gear mechanism

Power transmission arm

Joint with bearing



Anti-crushing rubber stop

Elastic safety protection

FEATURES

- ABS-100 is an ambidextrous kit
- The hinges with integrated mechanical gear ensure precise and stable transmission over time
- The kit is made of high quality materials particularly resistant to wear
- The mechanism with bearings and spherical joints significantly reduces friction and makes movement fluid
- The alignment of the leaves and the movement of the gate are easily adjustable by intervening directly on the bracket fixed to the pillar

Adjustable bracket



Ball joint with grease nipple

Adjustment for door alignment when opening

Adjustment for door alignment when closing



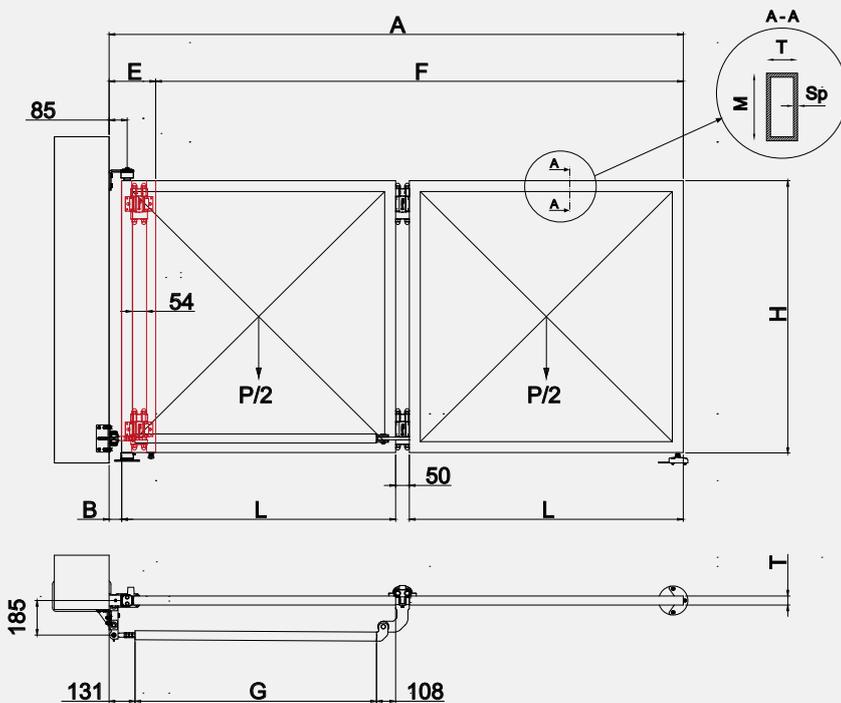
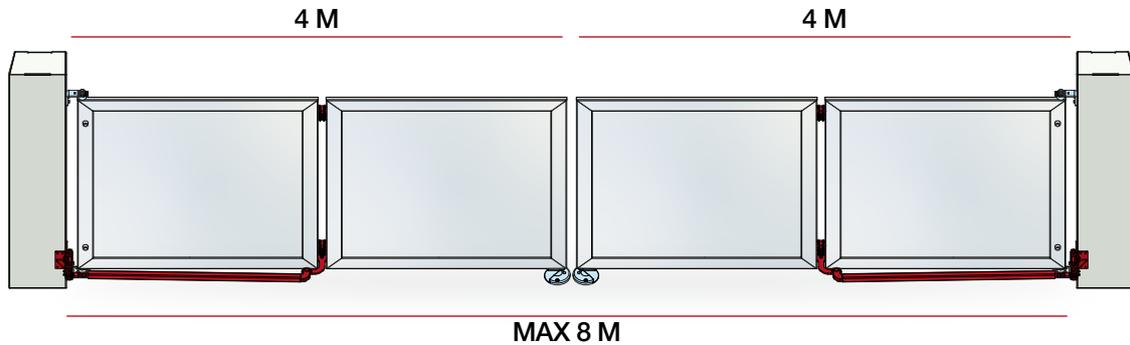
Grease nipple





The bi-folding lever arm is fixed to the lower geared hinge.

ABS-100-P For leaves up to 4 m (quote A), A/H max = 3



GATE SYSTEM SIZING

E = 2*T + B + 54	OPEN GATE LEAF DIMENSIONS
F = A - E	NET OPENING SIZE WITH GATE OPEN
G = L - 239 + B	LEVER TUBE LENGTH
L = (A - 50 - B) ÷ 2	LEAF LENGTH
A	OPENING LENGTH
B = 85 - (T/2)	DISTANCE FROM THE LEAF TO COLUMN
T	LEAF TUBE SIZE

As indicated in the table, we recommend the use of tubulars of such dimensions as to make the structure sufficiently rigid and avoid bending of the doors during the opening and closing phases. It is also advisable to limit the weight of the gate as much as possible. The choice of the tubular may vary depending on the shape of the doors and of the materials used.

A [mm]	P/2 max [kg]	TUBULAR SIZE MxTxSP [mm] *
1500	100	80x50x3 75x50x3
2000	100	80x50x3 75x50x3
2500	100	80x50x3 75x50x3
3000	100	80x50x3 75x50x3
3500	100	100x50x3 150x50x3
4000	100	120x50x3 150x50x3

For weights (P) over 200 kg, contact COMUNELLO SERVICE DPT

* Material standard ISO 10799-2 and ISO 12633-2

Accessori Albatros

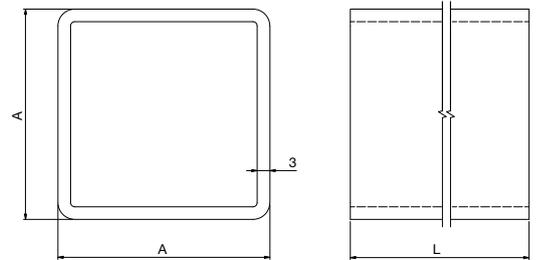
ABS-10

Hinge-pillar connection tubular
 Tubulaire de raccordement paumelle-pilier
 Scharnier-Pfeiler Verbindung Schlauchreifen
 Tubular de conexión bisagra-pilar
 Трубное соединение петля - столб



CODE	ART.	A (mm)	L (m)	Box info	
				Pcs per pack	Kg
11640913	ABS-10-P	40X40	3	1	10

Finishing: Galvanized



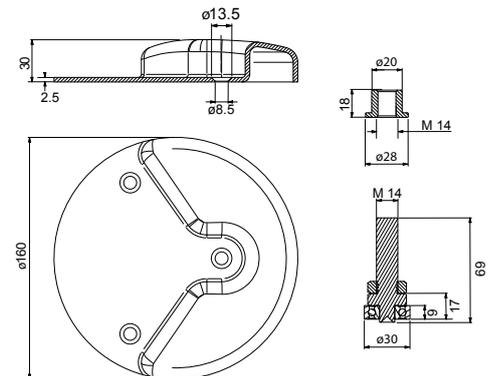
ABS-16

Kit molded floor strike plate
 Kit Butoir au sol moulé
 Formgepressten Bodenanschlag Kit
 Kit encuentro para suelo moldeado
 Комплект формованных напольных упоров



CODE	ART.	Size	Box info	
			Pcs per pack	Kg
11640905 001	ABS-16	D160 H=30	1	0,8

Finishing: Galvanized



ABS-20

Drilling template kit with rivets and fixing screws
 Kit gabarit de perçage avec rivets et vis de fixation
 Bohrschablone-Set mit Einsätzen und Befestigungsschrauben
 Kit de plantillas de perforación con remaches y tornillos de fijación
 Набор шаблонов для сверления со вставками и крепежными винтами



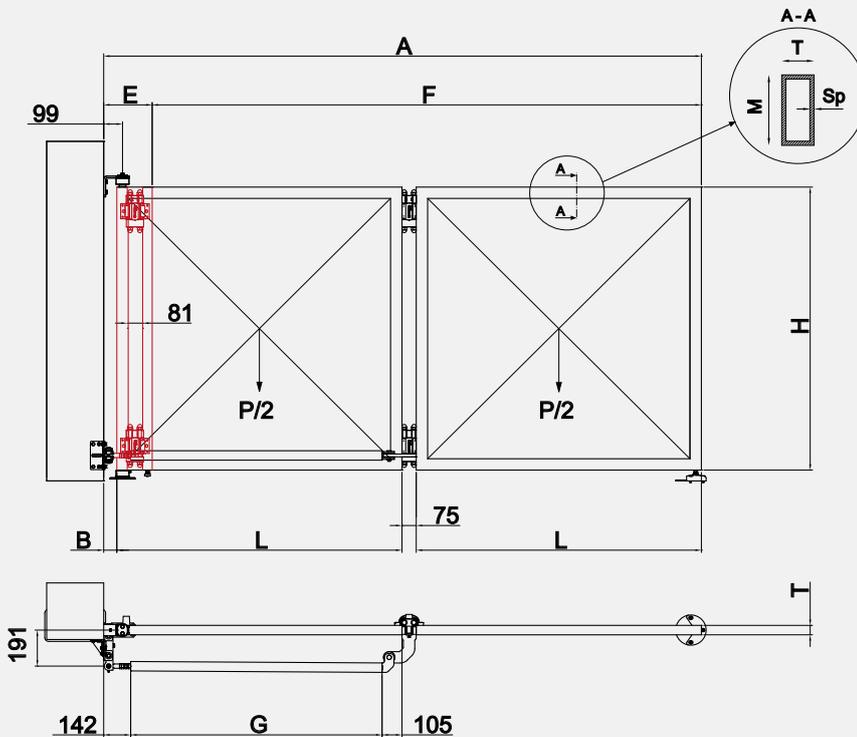
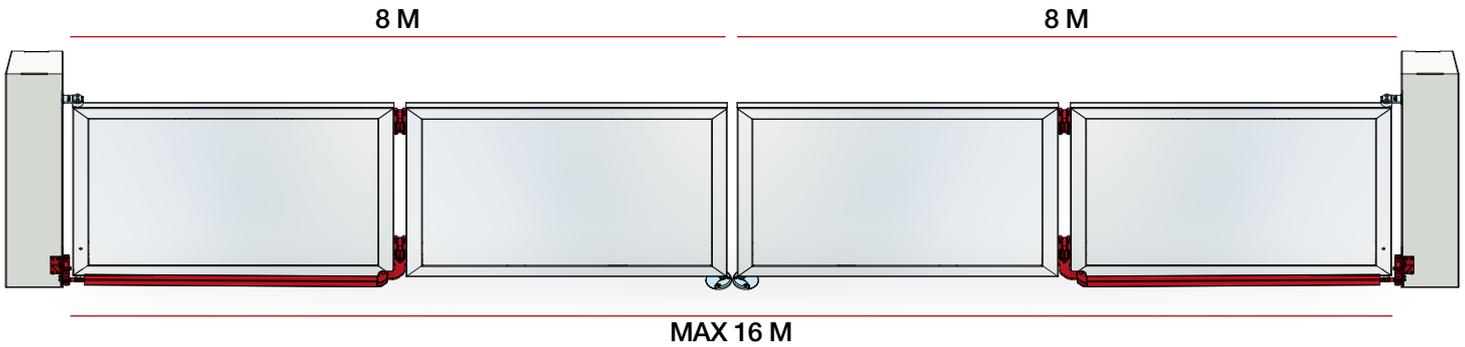
CODE	ART.	Size	Box info	
			Pcs per pack	Kg
11640920 001	ABS-20P	Piccolo	1	

Finishing: Galvanized



The bi-folding lever arm is fixed to the lower geared hinge.

ABS-100-G For leaves up to 8 m (quote A), A/H max = 3



GATE SYSTEM SIZING

$E = 2 \cdot T + B + 81$	OPEN GATE LEAF DIMENSIONS
$F = A - E$	NET OPENING SIZE WITH GATE OPEN
$G = L - 247 + B$	LEVER TUBE LENGTH
$L = (A - 75 - B) \div 2$	LEAF LENGTH
A	OPENING LENGTH
$B = 99 - (T/2)$	DISTANCE FROM THE LEAF TO COLUMN
T	LEAF TUBE SIZE

As indicated in the table, we recommend the use of tubulars of such dimensions as to make the structure sufficiently rigid and avoid bending of the doors during the opening and closing phases. It is also advisable to limit the weight of the gate as much as possible. The choice of the tubular may vary depending on the shape of the doors and of the materials used.

A [mm]	P/2 max [kg]	TUBULAR SIZE MxTxSP [mm] *
1500	150	80x60x3 65x65x3
2000	150	80x60x3 65x65x3
2500	150	80x60x3 75x50x3
3000	150	100x60x3 150x50x3
3500	150	140x60x3 150x50x3
4000	150	140x60x3 150x50x3

For lengths (A) over 4 m or weights (P) over 300 kg, contact COMUNELLO SERVICE DPT

* Material standard ISO 10799-2 and ISO 12633-2

Albatros accessories

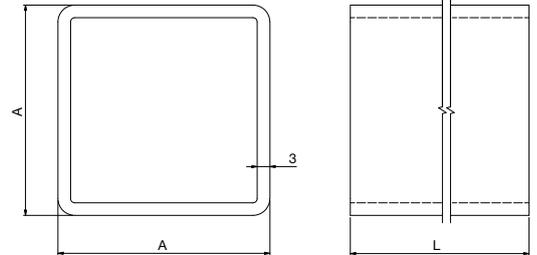
ABS-10

Hinge-pillar connection tubular
 Tubulaire de raccordement paumelle-pilier
 Scharnier-Pfeiler Verbindung Schlauchreifen
 Tubular de conexión bisagra-pilar
 Трубное соединение петля - столб



CODE	ART.	A (mm)	L (m)	Box info	
				Pcs per pack	Kg
11640903	ABS-10-G	50X50	3	1	13

Finishing: Galvanized



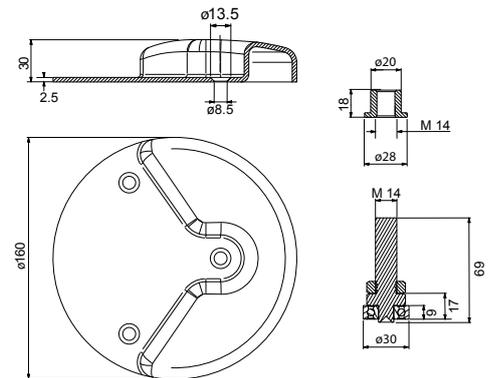
ABS-16

Kit molded floor strike plate
 Kit Butoir au sol moulé
 Formgepressten Bodenanschlag Kit
 Kit encuentro para suelo moldeado
 Комплект формованных напольных упоров



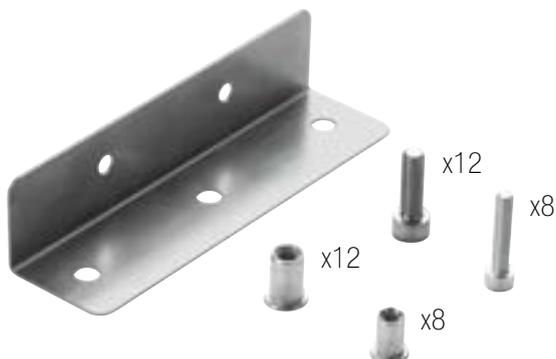
CODE	ART.	Size	Box info	
			Pcs per pack	Kg
11640905 001	ABS-16	D160 H=30	1	0,8

Finishing: Galvanized



ABS-20

Drilling template kit with rivets and fixing screws
 Kit gabarit de perçage avec rivets et vis de fixation
 Bohrschablone-Set mit Einsätzen und Befestigungsschrauben
 Kit de plantillas de perforación con remaches y tornillos de fijación
 Набор шаблонов для сверления со вставками и крепежными винтами



CODE	ART.	Size	Box info	
			Pcs per pack	Kg
11640921 001	ABS-20G	Grande	1	

Finishing: Galvanized

Compatible accessories

85L

Adjustable upper hinge with L plate
 Gond supérieur réglable avec platine à L
 Verstellbares oberes Torband mit L-Platte
 Bisagra superior regulable con placa en L
 Верхняя регулируемая петля с пластиной в форме L



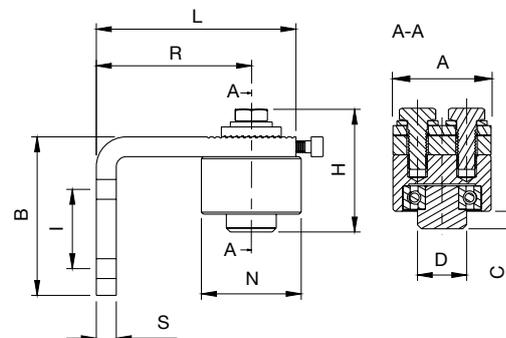
CODE	ART.	Size	A	B	C	D	H	I	L	N	R	S	Portata Capacity	Box info	
														Pcs per pack	Kg
10801607 001	85L-M	Medio Ø50	50	90	9	Ø25	62	45	100	Ø48	70-85	10	350 kg	2	2.4
10801610 001	85L-G	Grande Ø70	60	110	15	Ø35	72	55	130	Ø68	90-105	10	500 kg	2	4.1

Finishing: Galvanized

Weight bearing capacity refers to a pair of hinges mounted on a gate with weight uniformly distributed on a leaf with proportions L=H.



Equally distributed weight



85PST

Adjustable upper hinge with plate to be screwed
 Gond supérieur réglable avec platine à visser
 Verstellbares oberes Torband mit Platte zum Anschrauben
 Bisagra superior regulable con placa para fijar
 Верхняя регулируемая петля с прикрепляемой пластиной



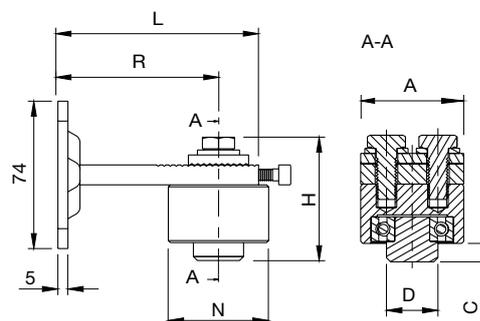
CODE	ART.	Size	A	C	D	H	L	N	R	Portata Capacity	Box info	
											Pcs per pack	Kg
10801407 001	85PST-M	Medio Ø50	50	9	Ø25	62	100	Ø48	70-85	350 kg	2	2.3
10801410 001	85PST-G	Grande Ø70	60	15	Ø35	72	130	Ø68	90-105	500 kg	2	3.2

Finishing: Galvanized

Weight bearing capacity refers to a pair of hinges mounted on a gate with weight uniformly distributed on a leaf with proportions L=H.



Equally distributed weight



85

Adjustable upper hinge with plate to be welded
 Gond supérieur réglable avec platine
 Verstellbares oberes Torband mit Platte
 Bisagra superior regulable con placa
 Верхняя регулируемая петля с пластиной



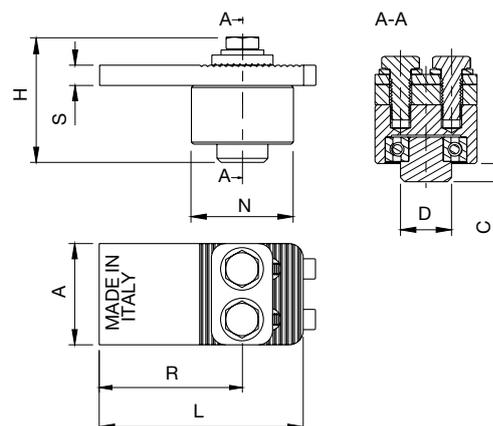
CODE	ART.	Size	A	C	D	H	L	N	R	S	Portata Capacity	Box info	
												Pcs per pack	Kg
10800407 001	85M	Medio Ø50	50	9	Ø25	62	100	Ø48	70-85	10	450 kg	4	3.4
10800410 001	85G	Grande Ø70	60	15	Ø35	72	130	Ø68	90-105	10	650 kg	2	3.2

Finishing: Galvanized

Weight bearing capacity refers to a pair of hinges mounted on a gate with weight uniformly distributed on a leaf with proportions L=H.



Equally distributed weight



87L

Bottom hinge with thrust bearing and L plate
 Gond inférieur avec roulement de butée et platine à L
 Unteres Torband mit Drucklager und L-Platte
 Bisagra inferior con rodamiento de empuje y placa en L
 Нижняя петля с упорным подшипником и пластиной в форме L



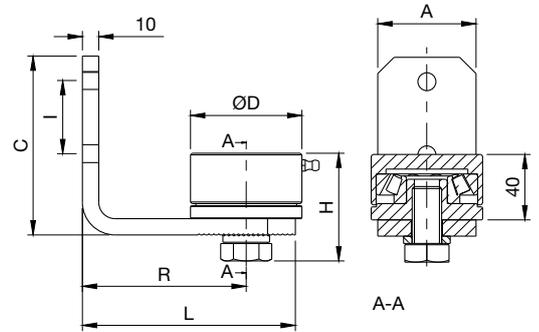
CODE	ART.	Size	A	C	D	H	I	L	R	Portata Capacity	Box info	
											Pcs per pack	Kg
10801307 001	87L-M	Medio Ø50	45	90	Ø 49	52	40	100	55-85	350 kg	4	4.0
10801310 001	87L-G	Grande Ø70	60	110	Ø 68	66	55	130	95-105	500 kg	2	4.2

Finishing: Galvanized

Weight bearing capacity refers to a pair of hinges mounted on a gate with weight uniformly distributed on a leaf with proportions L=H.



Equally distributed weight



87PST

Bottom hinge with thrust bearing and plate to be screwed
 Gond inférieur avec roulement de butée et platine à fixer
 Unteres Torband mit Drucklager und Platte zum Anschrauben
 Bisagra inferior con rodamiento de empuje y placa para fijar
 Нижняя петля с упорным подшипником и прикрепляемой пластиной



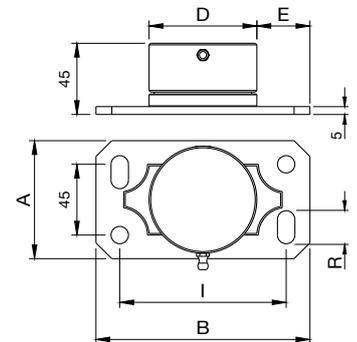
CODE	ART.	Size	A	B	D	E	I	R	Portata Capacity	Box info	
										Pcs per pack	Kg
10801207 001	87PST-M	Medio Ø 50	75	100	Ø 49	25	70	10	350 kg	2	1.2
10801210 001	87PST-G	Grande Ø 70	75	135	Ø 68	33.5	105	10	500 kg	2	2.5

Finishing: Galvanized

Weight bearing capacity refers to a pair of hinges mounted on a gate with weight uniformly distributed on a leaf with proportions L=H.



Equally distributed weight



87

Bottom hinge with thrust bearing
 Gond inférieur avec roulement de butée
 Unteres Torband mit Drucklager
 Bisagra inferior con rodamiento de empuje
 Нижняя петля с упорным подшипником



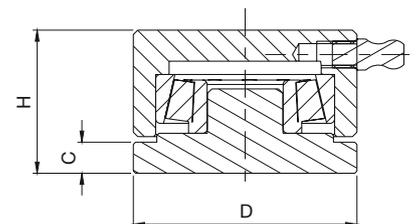
CODE	ART.	Size	C	D	H	Portata Capacity	Box info	
							Pcs per pack	Kg
10801010 001	87G	Grande Ø70	8	Ø68	40	650 kg	2	2.0

Finishing: Galvanized

Weight bearing capacity refers to a pair of hinges mounted on a gate with weight uniformly distributed on a leaf with proportions L=H.



Equally distributed weight



Compatible accessories

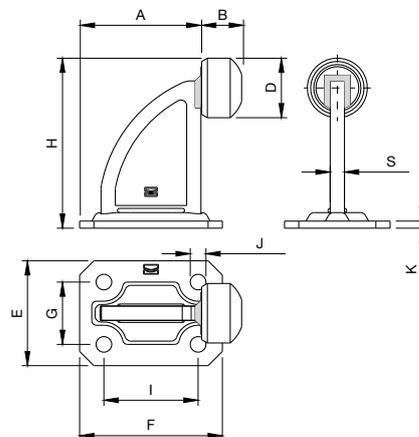
202

Runaway stop to be screwed
 Boutoir de fin de course avec base à visser
 Torendpuffer mit Befestigungsplatte zum Anschrauben
 Tope de final de carrera con base para fijar
 Стопор конца хода с прикрепляемым основанием



CODE	ART.	A	B	C	D	E	F	G	H	I	J	K	S	Box info	
														Pcs per pack	Kg
10701805 001	202-P	70	28	92,5	∅37	60	80	40	102	50	∅9	5	8	20	12
10701810 001	202-G	50	27	113,5	∅42	47	100	44	118,5	66	∅11	5	8	10	7.4

Finishing: Galvanized



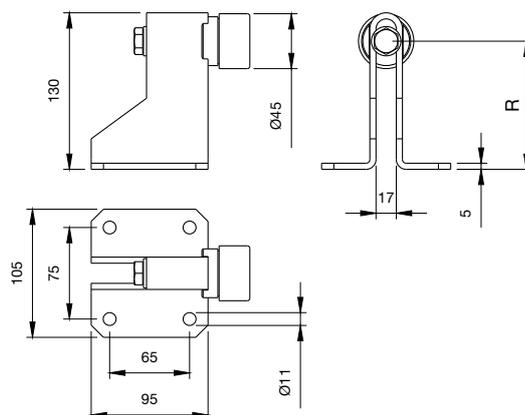
202F-C

Adjustable runaway stop to be screwed
 Boutoir de fin de course à visser réglable
 Verstellbarer Torendpuffer zum Anschrauben
 Tope de final de carrera regulable para fijar
 Прикрепляемый регулируемый стопор конца хода



CODE	ART.	R	Box info	
			Pcs per pack	Kg
10704401 001	202F-C	70-115	10	12.4

Finishing: Galvanized

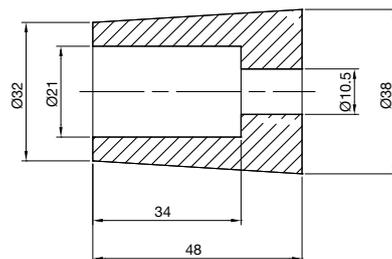


239

Door leaf stopper
 Embout d'amortissage vantaux
 Stossdämpfer für Türen
 Amortiguador hojas
 Амортизирующая пробка створки



CODE	ART.	Pcs per pack	Box info	
			Pcs per pack	Kg
10700405	239	10	0,60	





Rising Hinges

PATENT
PENDING





New RISING HINGES system
for environments with slope

 **COMUNELLO****GATE**

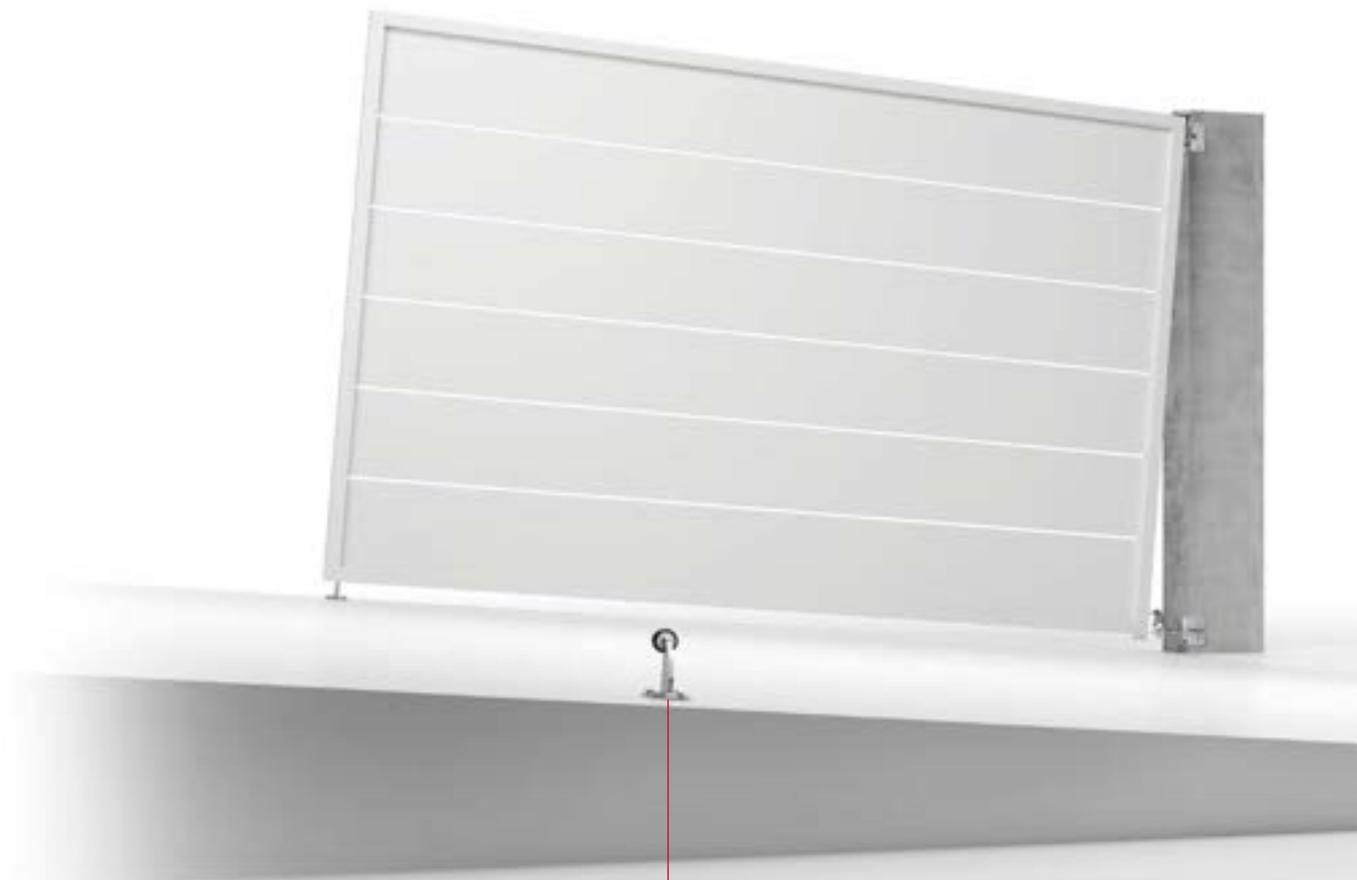


The Rising Hinges opening system

PATENT
PENDING



- *Opening system with inclined doors for sloping passages*
- *Adjustable leaf inclination*
- *For steel or aluminum leaves up to 3 meters*
- *Maximum slope up to 10 ° (~20%)*
- *To be welded or to be fixed versions available*



Runaway stop



- ART.
- 201
- 202
- 202F-A
- 202F-C

RISING HINGES is an innovative hinge system designed and developed for gates with sloping openings. Thanks to suitably designed levers, the hinges allow an inclined

opening of the door. The alignment of the rotation axes of the upper and lower hinges is guaranteed by the ball joints complete with greasers for constant lubrication.



Stops

Rising Hinges Kit



ART.

166

169

170

170i

171



ART.

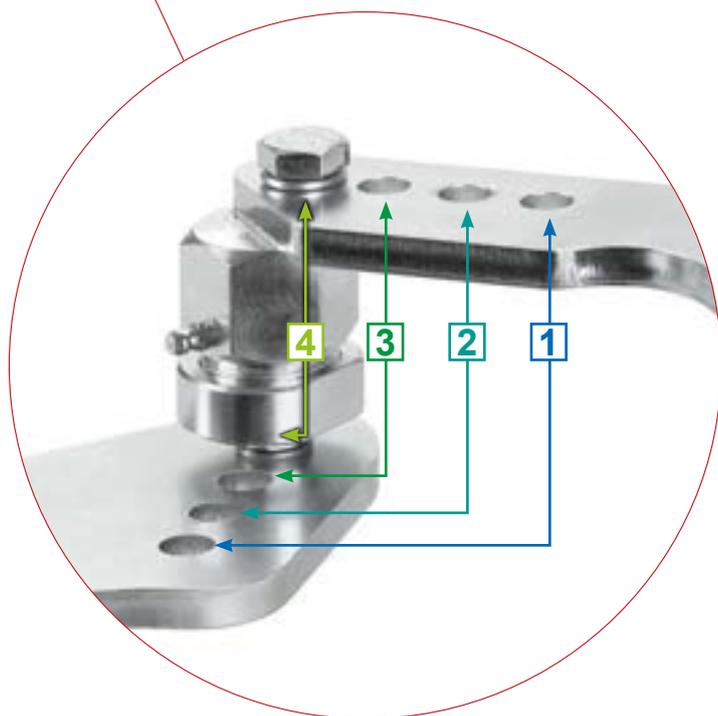
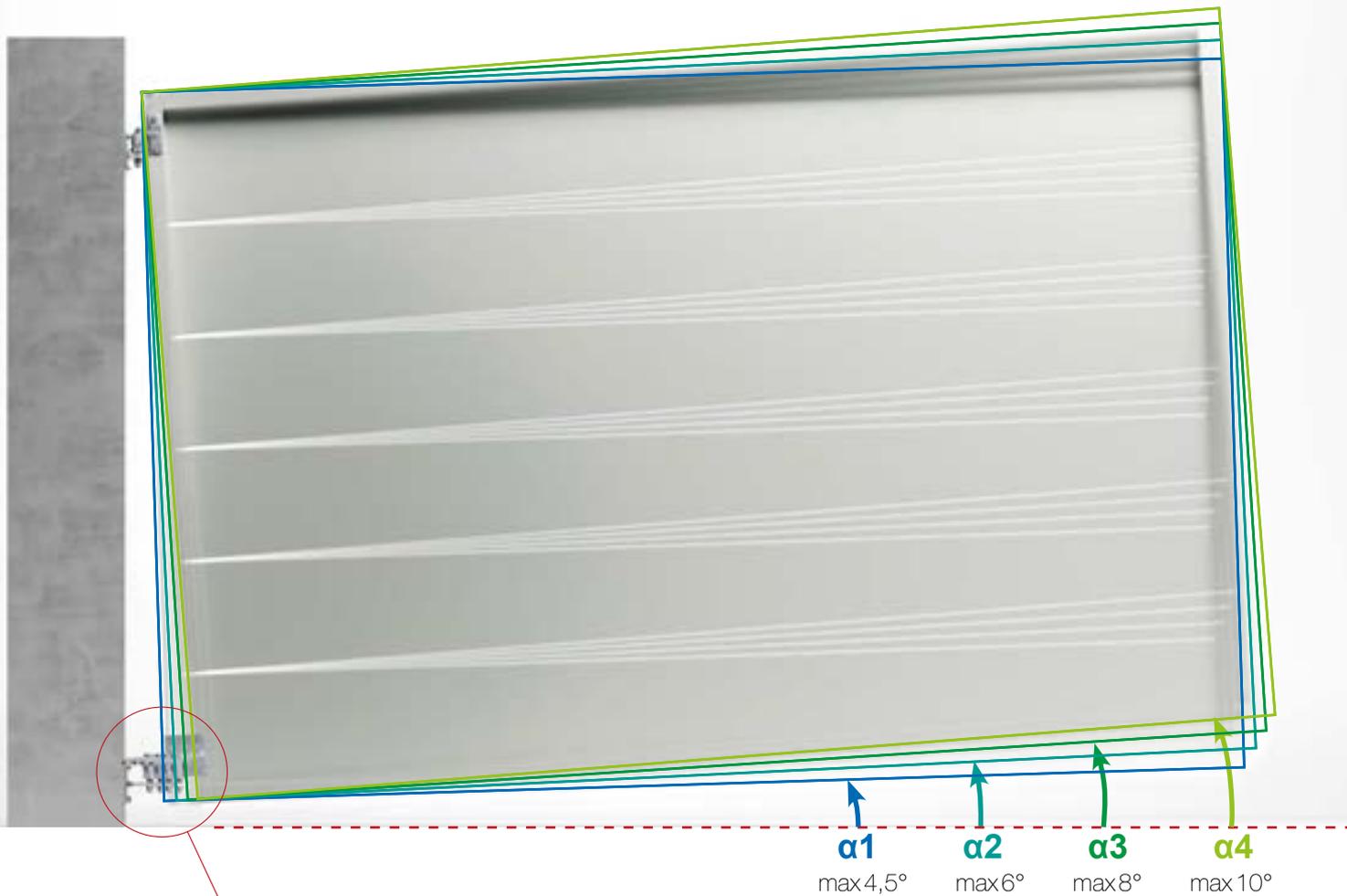
RS-ST

RS-AL

RS-100F



Rising hinges to be fixed

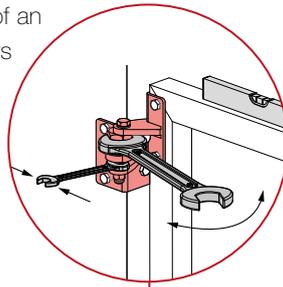


The lower hinge has an adjustment system consisting of 4 holes both in the bracket fixed to the gate and in the bracket fixed to the pillar. Each pair of holes (1, 2, 3, 4) corresponds to an inclination of the door.

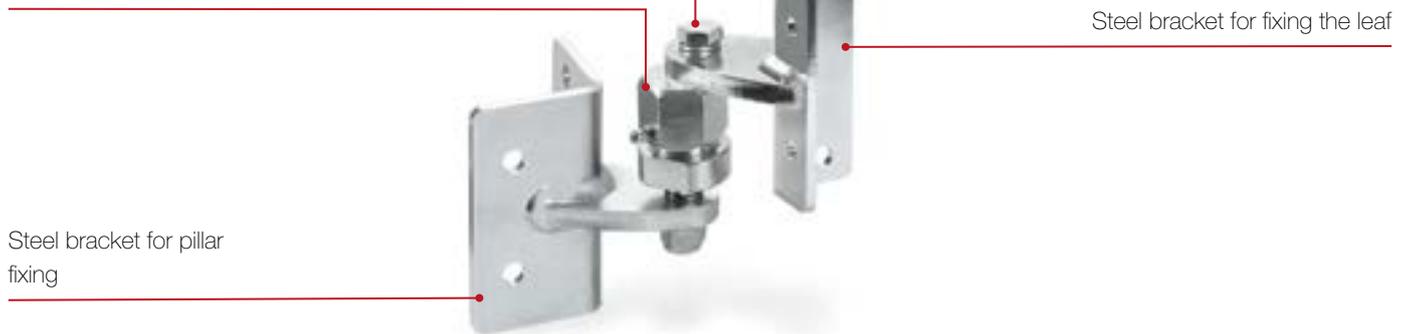
By adjusting the distance between the two hinges and adjusting the lower hinge, the desired inclination can be obtained.

Upper Rising hinge to be fixed

The leaf bracket is connected to the joint by means of an off-axis eccentric screw; the rotation of the joint allows a fine adjustment of the door, useful for placing it in a horizontal position and aligning it with the pillar.

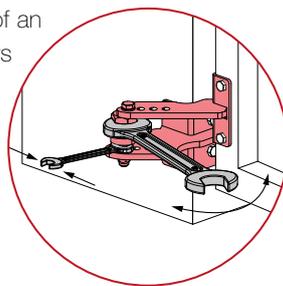


The ball joint with grease nipple allows the door to tilt during movement



Lower Rising hinge to be fixed

The leaf bracket is connected to the joint by means of an off-axis eccentric screw; the rotation of the joint allows a fine adjustment of the door, useful for placing it in a horizontal position and aligning it with the pillar.



The ball joint with grease nipple allows the door to tilt during movement



Both brackets have 4 holes; each hole corresponds to a different inclination of the leaf in the open position.

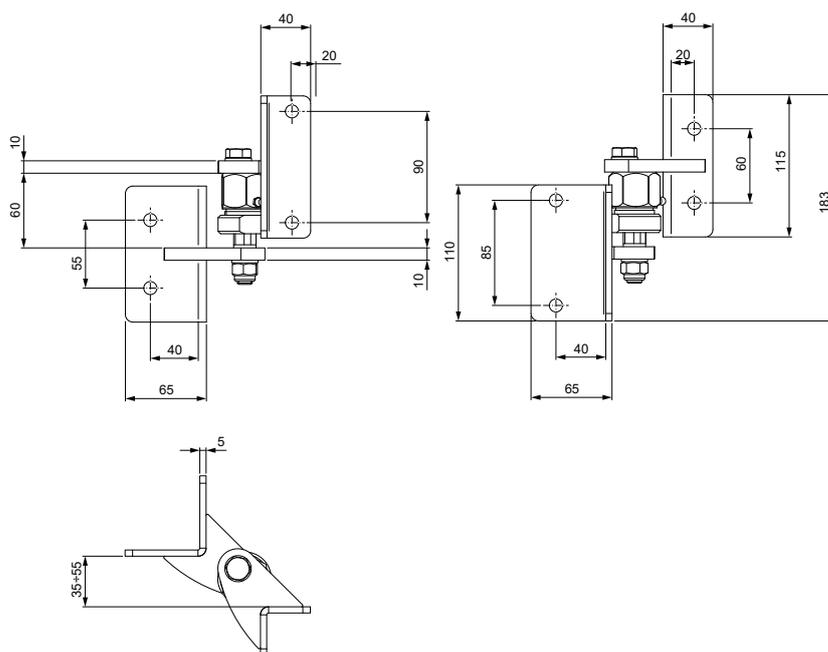
Kit elements

RS-100F

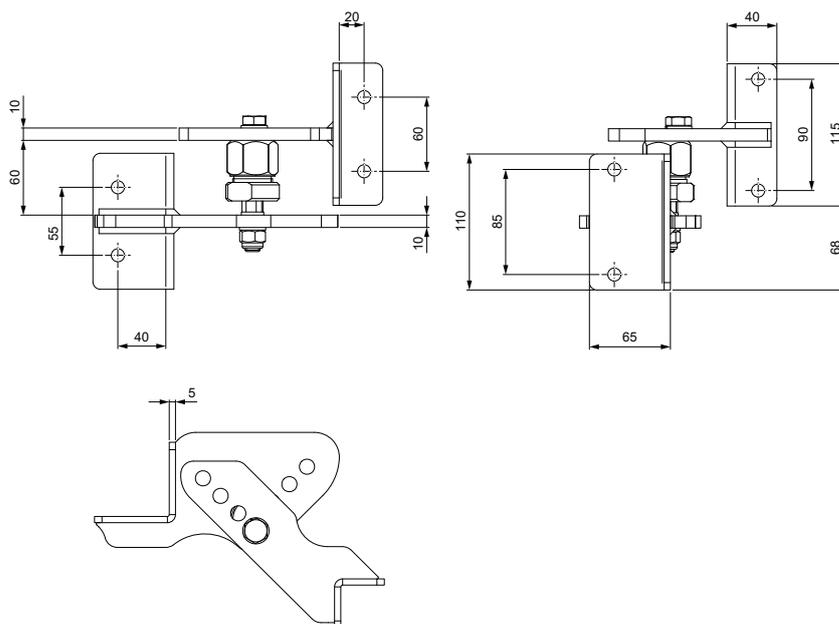
Opening system for swing gates with inclined leaves. To fix on the door and to fix on the pillar
 Système d'ouverture pour portails battants à vantaux inclinés. A fixer sur la porte et à fixer sur le pilier
 Öffnungssystem für Drehtore mit schrägen Flügeln. Zur Befestigung an der Tür und zur Befestigung an der Säule
 Sistema de apertura para cancelas batientes con hojas inclinadas. Fijar en la puerta y fijar en el pilar
 Система открывания для распашных ворот с наклонной створкой. Закрепить на двери и закрепить на стойке.

CODE	ART.	SIZE	Max leaf weight Kg	Pcs per pack	Box info	
					Kg	
10826000 001	RS-100F	one size	150	1 kit	4,6	

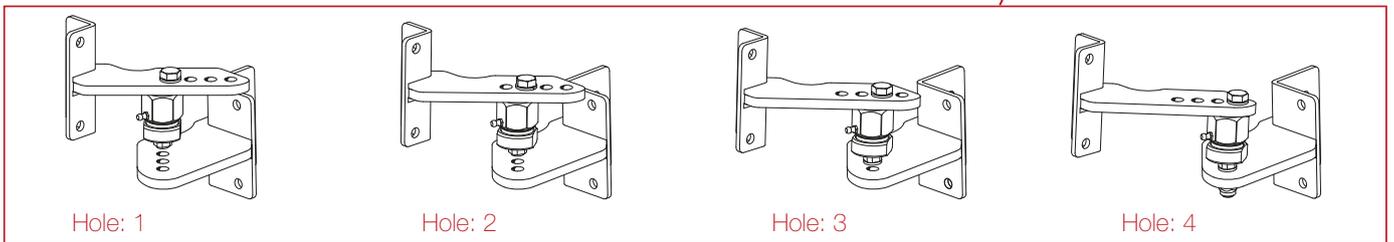
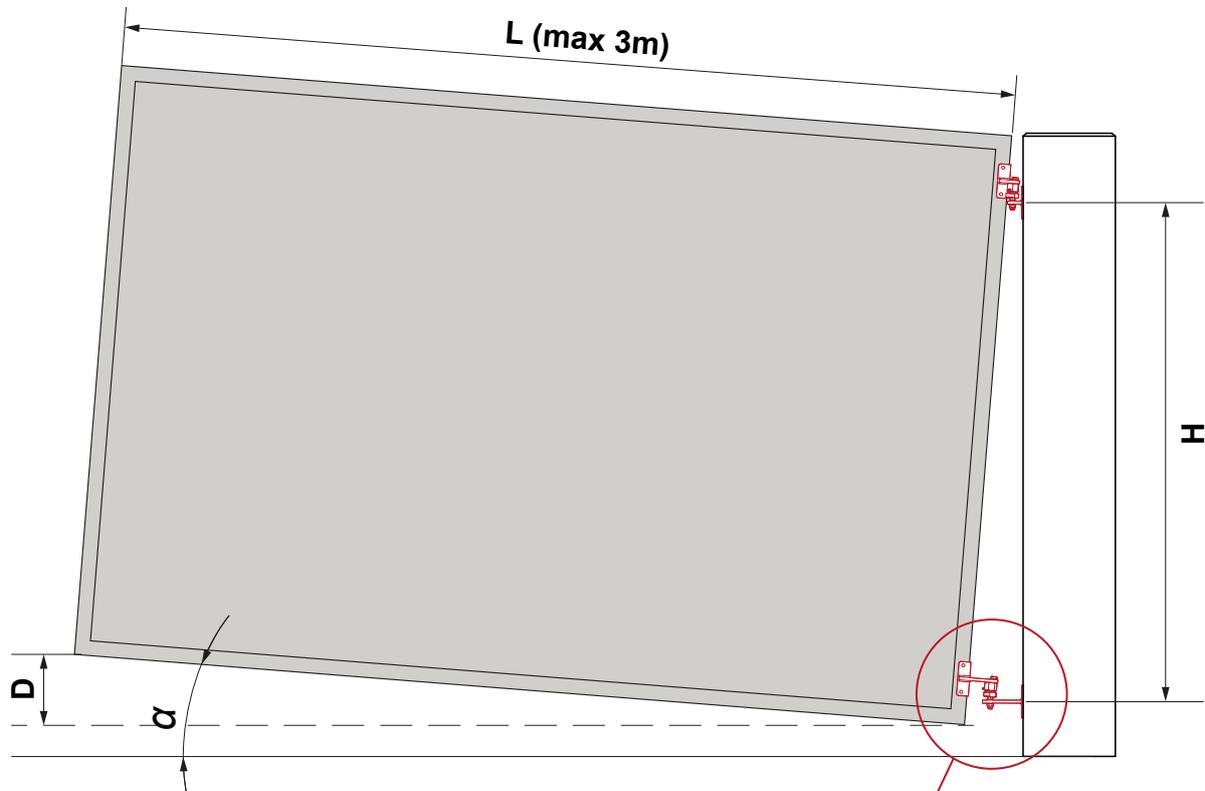
Upper Rising hinge



Lower Rising hinge

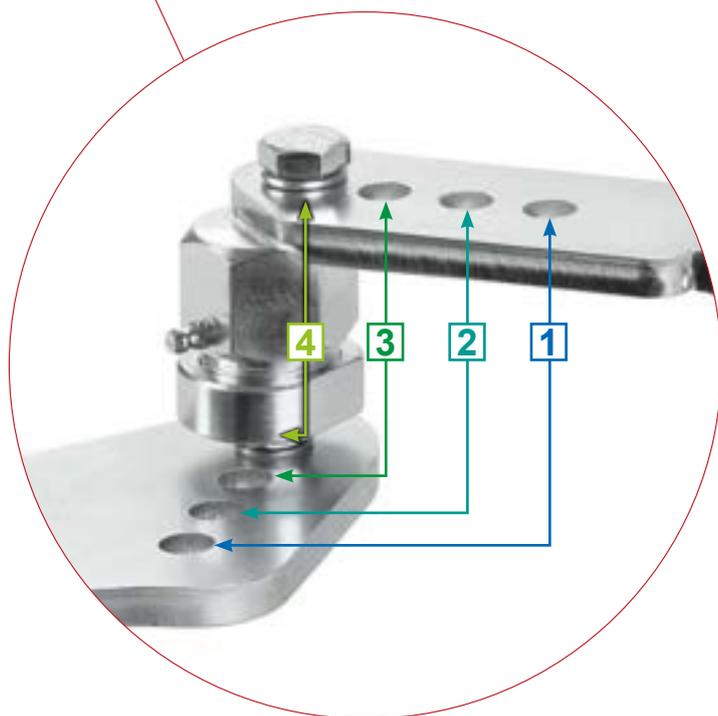
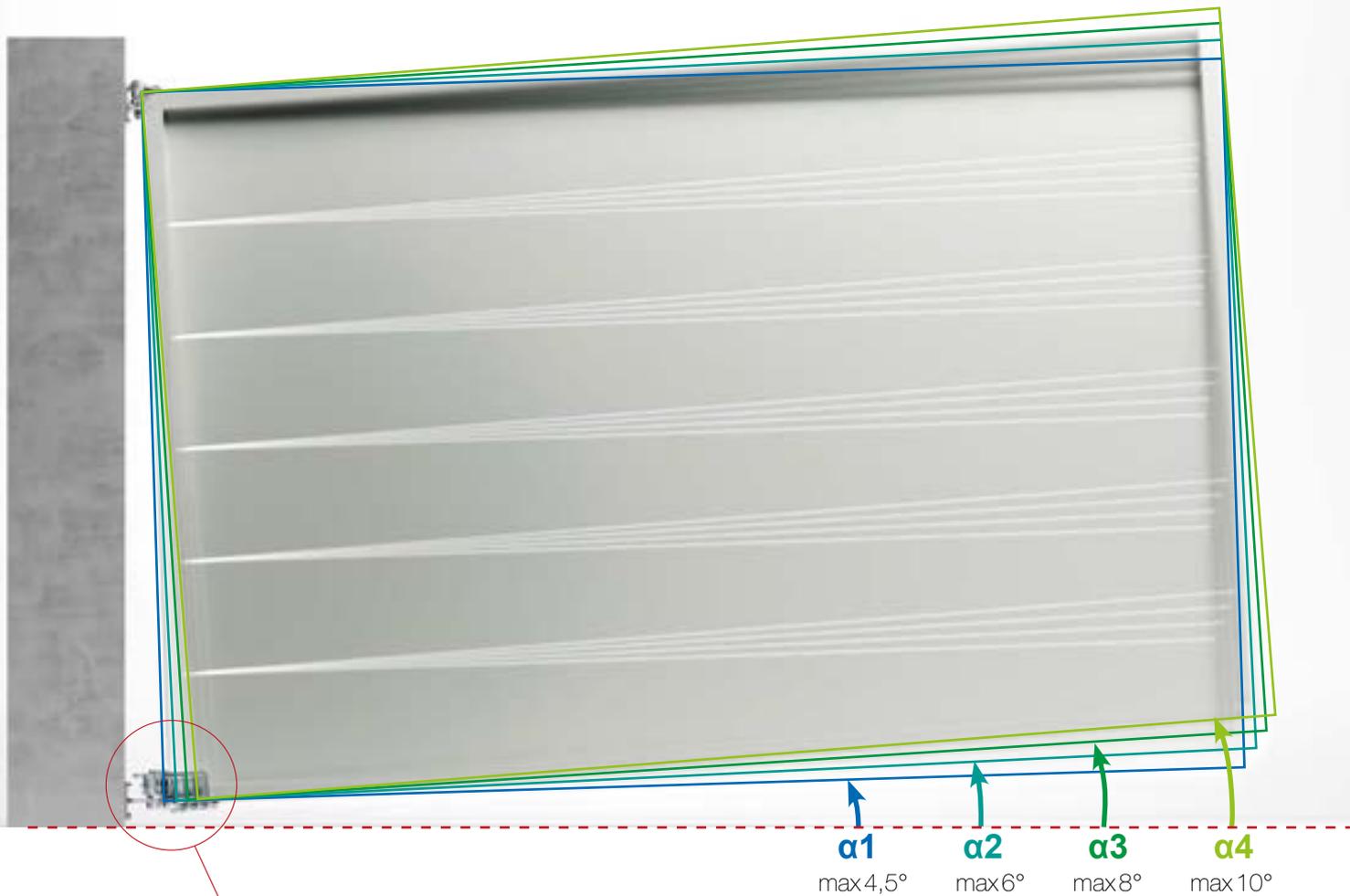


Lower hinge rise set up



H m	Hole	α°	D mm (L=1 m)	D mm (L=2 m)	D mm (L=3 m)
0,8	1	4,5	80	160	240
	2	6	103	206	309
	3	8	150	300	450
	4	10	180	360	540
1,2	1	3	50	100	150
	2	4,5	80	160	240
	3	5,5	100	200	300
	4	7	125	250	375
1,5	1	2,5	45	90	135
	2	3,5	60	120	180
	3	4,5	80	160	240
	4	5,5	100	200	300
1,8	1	2	35	70	105
	2	3	50	100	150
	3	3,5	60	120	180
	4	4,5	80	160	240

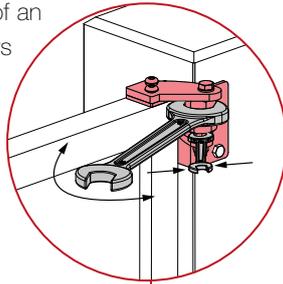
Rising hinges to be welded



The lower hinge has an adjustment system consisting of 4 holes both in the bracket welded to the gate and in the bracket welded to the pillar. Each pair of holes (1, 2, 3, 4) corresponds to an inclination of the door. By adjusting the distance between the two hinges and adjusting the lower hinge, the desired inclination can be obtained.

Upper Rising hinge to be welded

The leaf bracket is connected to the joint by means of an off-axis eccentric screw; the rotation of the joint allows a fine adjustment of the door, useful for placing it in a horizontal position and aligning it with the pillar.



The ball joint with grease nipple allows the door to tilt during movement

Steel bracket for pillar fixing



Leaf bracket with insert to be welded in steel and aluminum versions.

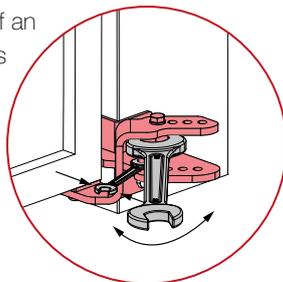
ST



AL

Lower Rising hinge to be welded

The leaf bracket is connected to the joint by means of an off-axis eccentric screw; the rotation of the joint allows a fine adjustment of the door, useful for placing it in a horizontal position and aligning it with the pillar.



The ball joint with grease nipple allows the door to tilt during movement

Steel bracket for pillar fixing



Leaf bracket with insert to be welded in steel and aluminum versions.

ST



AL

Both brackets have 4 holes; each hole corresponds to a different inclination of the leaf in the open position.

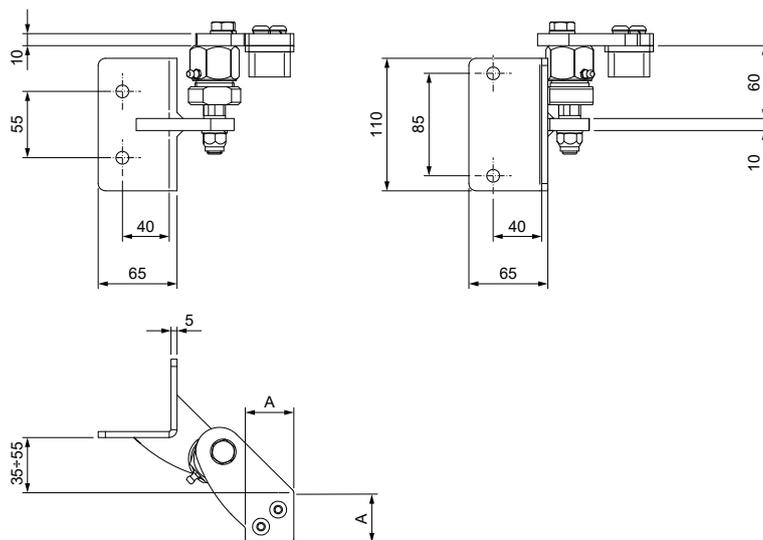
Kit elements

RS-ST / RS-AL

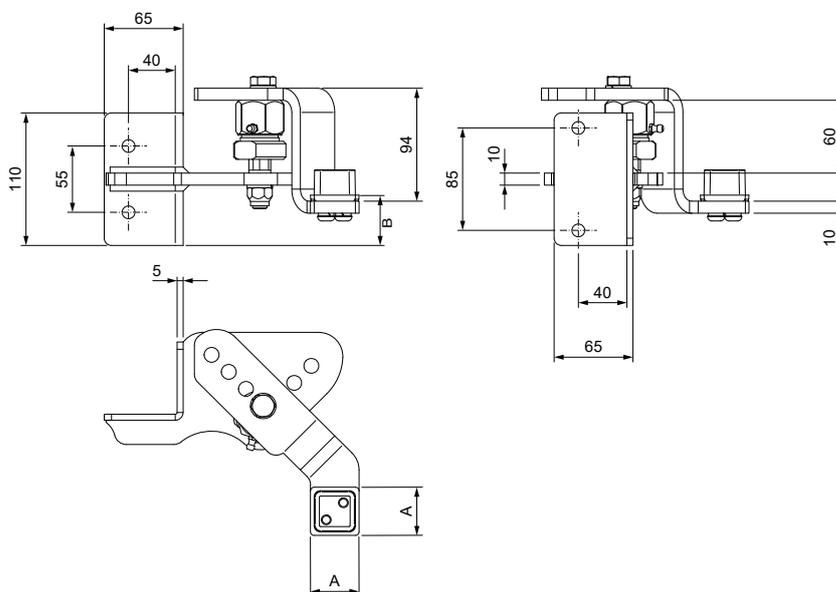
Opening system for swing gates with inclined leaves. To weld on the door and to fix on the pillar
 Système d'ouverture pour portails battants à vantaux inclinés. A souder sur la porte et à fixer sur le pilier
 Öffnungssystem für Drehtore mit schrägen Flügeln. Zur Schweißen an der Tür und zur Befestigung an der Säule
 Sistema de apertura para cancelas batientes con hojas inclinadas. Soldar en la puerta y fijar en el pilar
 Система открывания для распашных ворот с наклонной створкой. Приварить к двери и закрепить на стойке

CODE	ART.	Size	Insert material	A	B	C	D	E	Max leaf weight Kg	Box info	
										Pcs per pack	Kg
10826015 001	RS-ST140-LH	40x40	Steel	40	20	40	20	40	120	1 kit	5
10826020 001	RS-AL140-LH	40x40	Aluminium	40	20	40	20	40	120	1 kit	4.6
10826035 001	RS-ST150-LH	50x50	Steel	50	30	50	30	50	120	1 kit	5.8
10826040 001	RS-AL150-LH	50x50	Aluminium	50	30	50	30	50	120	1 kit	5.1
10826055 001	RS-ST165-LH	65x65	Steel	65	40	65	40	65	120	1 kit	7.5
10826060 001	RS-AL165-LH	65x65	Aluminium	65	40	65	40	65	120	1 kit	6
10826005 001	RS-ST140-RH	40x40	Steel	40	20	40	20	40	120	1 kit	5
10826010 001	RS-AL140-RH	40x40	Aluminium	40	20	40	20	40	120	1 kit	4.6
10826025 001	RS-ST150-RH	50x50	Steel	50	30	50	30	50	120	1 kit	5.8
10826030 001	RS-AL150-RH	50x50	Aluminium	50	30	50	30	50	120	1 kit	5.1
10826045 001	RS-ST165-RH	65x65	Steel	65	40	65	40	65	120	1 kit	7.5
10826050 001	RS-AL165-RH	65x65	Aluminium	65	40	65	40	65	120	1 kit	6

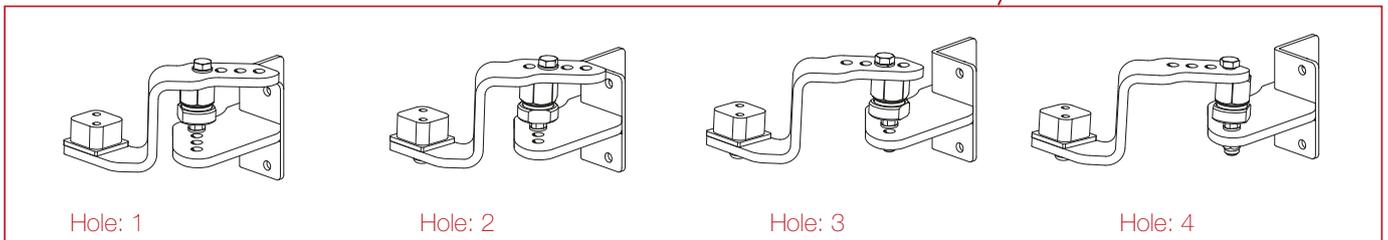
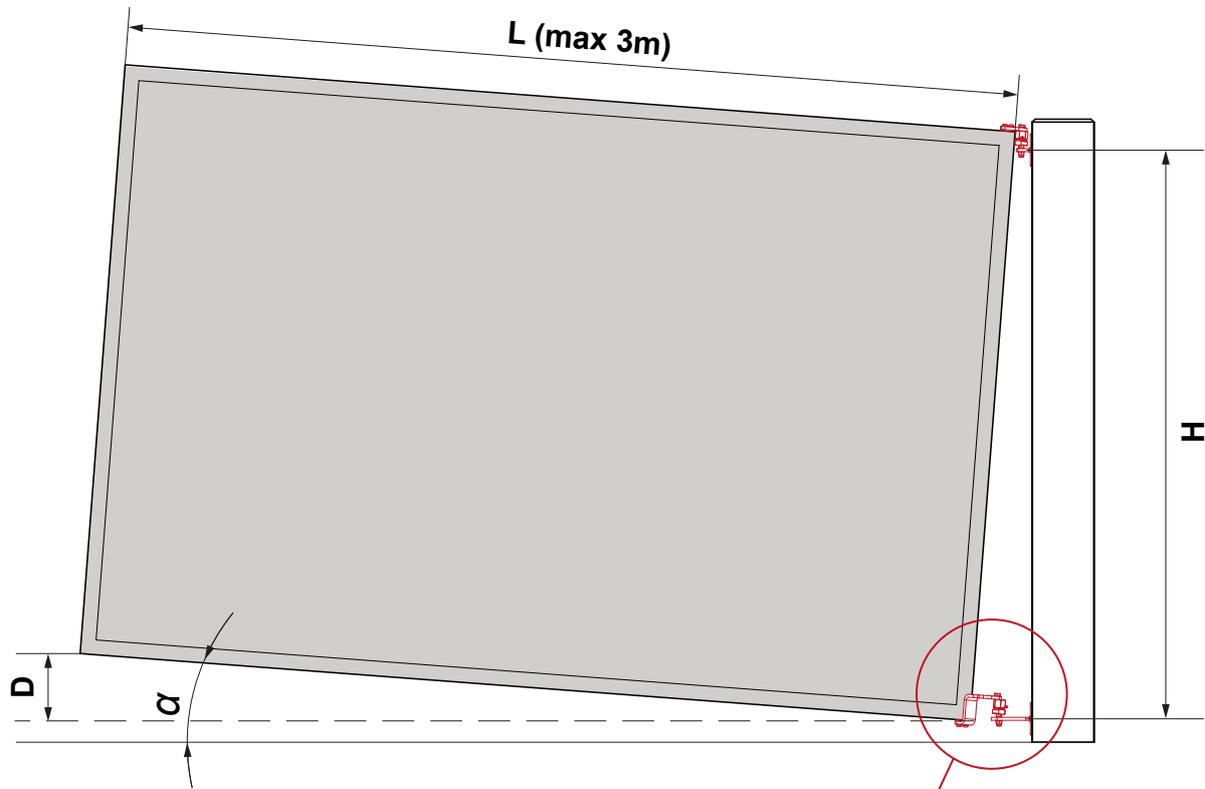
Upper Rising hinge



Lower Rising hinge



Lower hinge rise set up



H m	Hole Foro	α°	D mm (L=1 m)	D mm (L=2 m)	D mm (L=3 m)
0,8	1	4,5	80	160	240
	2	6	103	206	309
	3	8	150	300	450
	4	10	180	360	540
1,2	1	3	50	100	150
	2	4,5	80	160	240
	3	5,5	100	200	300
	4	7	125	250	375
1,5	1	2,5	45	90	135
	2	3,5	60	120	180
	3	4,5	80	160	240
	4	5,5	100	200	300
1,8	1	2	35	70	105
	2	3	50	100	150
	3	3,5	60	120	180
	4	4,5	80	160	240

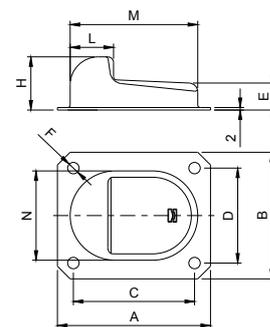
166

Stop batten to be fixed
 Battent d'arrêt à fixer
 Auflaufschuh zum Anschrauben
 Tope para fijar
 Прикрепляемый стопор



CODE	ART.	Size	A	B	C	D	E	F	H	L	M	N	Box info	
													Pcs per pack	Kg
10704601 001	166P	Piccolo	120	100	95	75	21	Ø9	42	34	100	70	25	6,80
10704602 001	166G	Grande	160	130	125	100	23	Ø11	48	40	130	90	10	4,77

Finishing: Galvanized



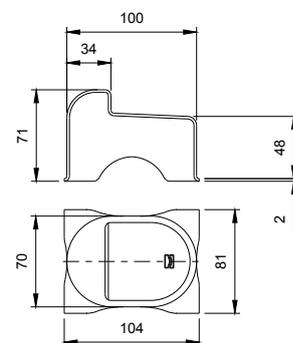
169

Ground central stop to be cemented
 Butée centrale au sol à sceller
 Auflaufschuh zum Ausbetonieren
 Tope para cementar
 Цементируемый стопор



CODE	ART.	Box info	
		Pcs per pack	Kg
10700905 001	169	25	7,9

Finishing: Galvanized

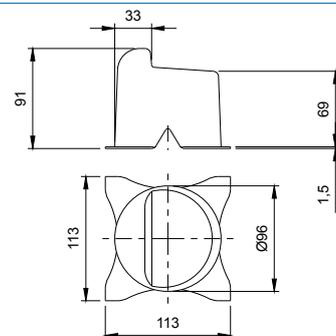


170

Ground central stop to be cemented
 Butée centrale au sol à sceller
 Auflaufschuh zum Ausbetonieren
 Tope para cementar
 Цементируемый стопор



CODE	ART.	Finishing	Box info	
			Pcs per pack	Kg
10701005 001	170	Galvanized / Zincato	25	8,5
10701105	170i	Stainless steel / Inox	5	1,8



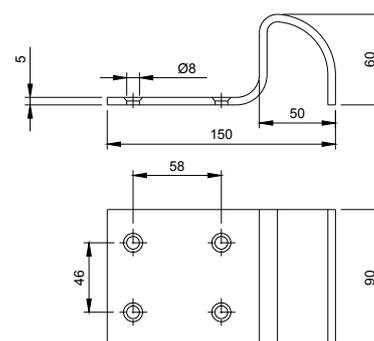
171

Ground central stop to be fixed
 Butée centrale au sol à fixer
 Auflaufschuh zum Anschrauben
 Tope para fijar
 Прикрепляемый стопор



CODE	ART.	Box info	
		Pcs per pack	Kg
10701205 001	171	10	8,2

Finishing: Galvanized



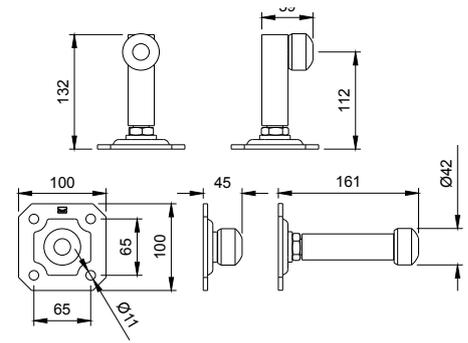
201

Runaway stop to be screwed
 Boutoir de fin de course avec base à visser
 Torendpuffer mit Befestigungsplatte zum Anschrauben
 Tope de final de carrera con base para fijar
 Стопор конца хода с прикрепляемым основанием



CODE	ART.	Box info	
		Pcs per pack	Kg
10701450 001	201	2	2.78

Finishing: Galvanized



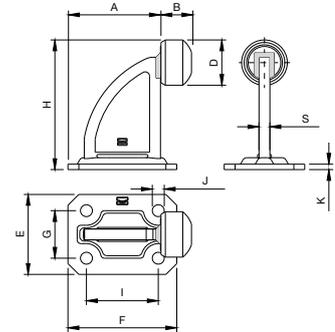
202

Runaway stop to be screwed
 Boutoir de fin de course avec base à visser
 Torendpuffer mit Befestigungsplatte zum Anschrauben
 Tope de final de carrera con base para fijar
 Стопор конца хода с прикрепляемым основанием



CODE	ART.	A	B	C	D	E	F	G	H	I	J	K	S	Box info	
														Pcs per pack	Kg
10701805 001	202-P	70	28	92,5	Ø37	60	80	40	102	50	Ø9	5	8	20	12
10701810 001	202-G	50	27	113,5	Ø42	47	100	44	118,5	66	Ø11	5	8	10	7.4

Finishing: Galvanized



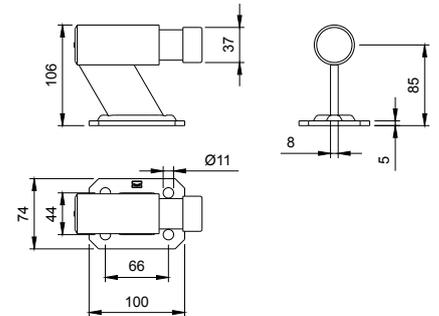
202F-A

Damped runaway stop to be screwed
 Boutoir de fin de course amorti avec base à visser
 Torendpuffer mit Platte zum Anschrauben
 Tope de final de carrera amortiguado con base para fijar
 Амортизированный стопор конца хода с прикрепляемым основанием



CODE	ART.	Box info	
		Pcs per pack	Kg
10704201 001	202F-A	4	5,6

Finishing: Galvanized



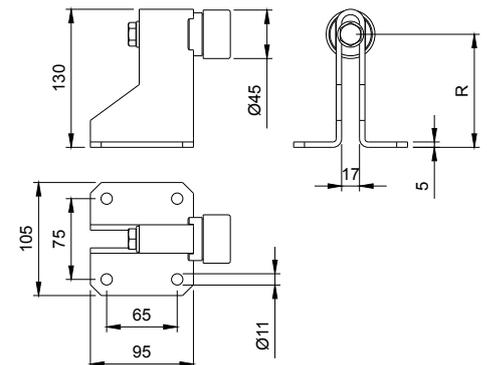
202F-C

Adjustable runaway stop to be screwed
 Boutoir de fin de course à visser réglable
 Verstellbarer Torendpuffer zum Anschrauben
 Tope de final de carrera regulable para fijar
 Прикрепляемый регулируемый стопор конца хода



CODE	ART.	R	Box info	
			Pcs per pack	Kg
10704401 001	202F-C	70-115	10	12.4

Finishing: Galvanized



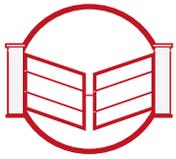
Swing Gates





Swing gate hinges and hardware

 **COMUNELLO****GATE**



Residential swing gates



Hinges

- ART. _____
- 83-CR _____
- 85L _____
- 87L _____
- 154R-CV _____
- 159R-CV _____
- 85 _____
- 85L _____
- 85PST _____
- 85XL _____
- 86P _____
- 86G _____
- 86L-P _____
- 86L-G _____
- 86PST _____
- 87L _____
- 87PST _____
- 87 _____
- KIT 85+87 _____
- 87XL _____
- 88 _____
- 88L _____
- 88PST _____
- 89 _____
- 130-WH _____
- 130-WH-DX _____
- 130-WH-SX _____



Runaway stops



- ART. _____
- 166 _____
- 169 _____
- 170 _____
- 171 _____



Runaway stops



ART.

201

202

202F-B

202F-C

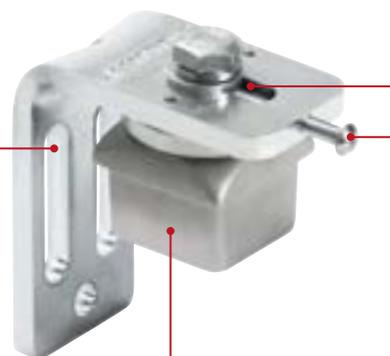
Life made easy

Bearing hinges for square tubulars.

The durable die-cast aluminum cover has been designed to protect the hinge while giving a typical concealed hinge design



The adjustment slots allow you to adjust the height of the hinge even if the fixing hole has already been made.



Slot and adjustment screw allow the door to be raised and lowered to bring it into a horizontal position even after installation.

The insert with a ball bearing inside allows for a smooth and long-lasting movement



The insert is designed with a tapered roller bearing inside suitable for supporting axial loads due to the weight of the door.

Inserts available in versions for aluminum and steel gates

The knurling ensures a secure and stable fixing over time

Square Hinges

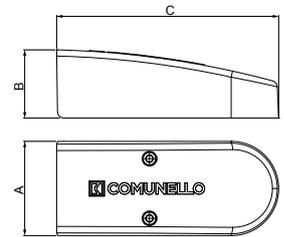
83-CR

Cover for hinge with square insert
 Couvrecle de gonds avec insert carré
 Kappe für Torband mit Vierkanteinsatz
 Cubierta de bisagras con inserto cuadrado
 Накладка на петлю с квадратной вставкой



CODE	ART.	A	B	C	Box info	
					Pcs per pack	Kg
10801645	83-CR-40/50	60	47,5	141,6	10	2,1
10801665	83-CR-65	73	52,5	170	10	3

Finishing: Aluminium



85L Q

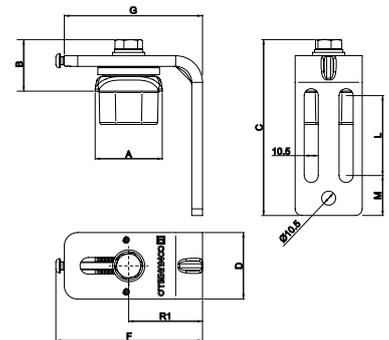
Adjustable upper hinge with bearing, square insert and L plate
 Gond supérieur réglable avec roulement, insert carré et platine à L
 Verstellbares oberes Torband mit Lager, Vierkanteinsatz und L-Platte
 Bisagra superior regulable con rodamiento, inserto cuadrado e placa en L
 Регулируемая верхняя петля с подшипником, квадратной вставкой и пластиной в форме L



CODE	ART.	A	B	C	D	R1	F	G	L	M	Portata Capacity	Box info	
												Pcs per pack	Kg
10801611 001	85L-40.AL	40	36	132	50	55-85	109,3	103	60	30	150	2	1,7
10801612 001	85L-50.AL	50	43,5	132	50	55-85	109,3	103	60	30	300	2	2,4
10801613 001	85L-65.AL	65	58	150	65	68-100	125	125	70	28	500	2	3,8
10801621 001	85L-40.ST	40	36	132	50	55-85	109,3	103	60	30	150	2	1,8
10801622 001	85L-50.ST	50	43,5	132	50	55-85	109,3	103	60	30	300	2	2,7
10801623 001	85L-65.ST	65	58	150	65	68-100	125	125	70	28	500	2	4,6

Finishing: Galvanized - aluminum insert

Weight bearing capacity refers to a pair of hinges mounted on a gate with weight uniformly distributed on a leaf with proportions L=H.



87L Q

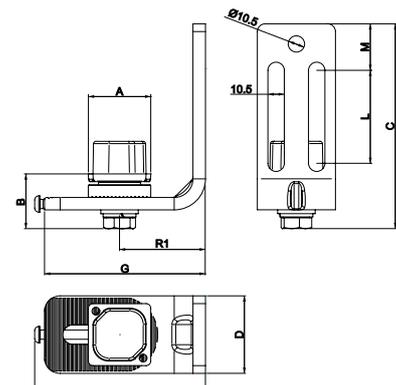
Adjustable bottom hinge with taper roller bearing and square insert
 Gond inférieur réglable avec roulement à rouleaux coniques et insert carré
 Verstellbares unteres Torband mit Kegellager und Vierkanteinsatz
 Bisagra inferior regulable con cojinete de rodillos cónicos e inserto cuadrado
 Регулируемая нижняя петля с коническим роликоподшипником и квадратной вставкой



CODE	ART.	A	B	C	D	R1	F	G	L	M	Portata Capacity	Box info	
												Pcs per pack	Kg
10801311 001	87L-40.AL	40	36	132	50	55-85	109,3	103	60	30	150	2	1,5
10801312 001	87L-50.AL	50	52	132	50	55-85	109,3	103	60	30	300	2	2,4
10801313 001	87L-65.AL	65	64	150	65	68-100	134,5	125	70	28	500	2	3,8
10801321 001	87L-40.ST	40	36	132	50	55-85	109,3	103	60	30	150	2	1,7
10801322 001	87L-50.ST	50	52	132	50	55-85	109,3	103	60	30	300	2	2,7
10801323 001	87L-65.ST	65	64	150	65	68-100	134,5	125	70	28	500	2	4,6

Finishing: Galvanized - steel insert

Weight bearing capacity refers to a pair of hinges mounted on a gate with weight uniformly distributed on a leaf with proportions L=H.



Square Hinges

87 PSQ

Bottom hinge with bearing, square insert and plate to be screwed

Gond inférieur avec roulement, insert carré et platine à fixer

Unteres Torband mit Lager, Vierkanteinsatz und Platte zum Anschrauben

Bisagra inferior con rodamiento, inserto cuadrado y placa para fijar

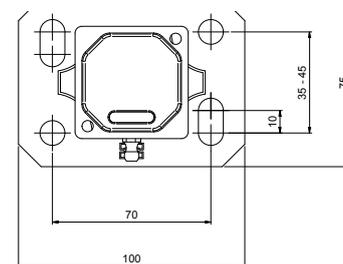
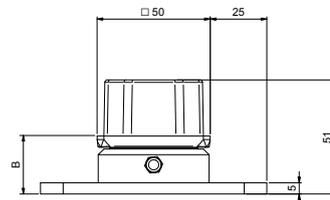
Регулируемая нижняя петля с подшипником, квадратной вставкой и прикрепляемой пластиной



CODE	ART.	Portata Capacity	Box info	
			Pcs per pack	Kg
10801250 001	87PSQ-50.AL	300	2	1,31
10801251 001	87PSQ-50.I.AL	300	2	1,31

Finishing: Galvanized - steel insert

Weight bearing capacity refers to a pair of hinges mounted on a gate with weight uniformly distributed on a leaf with proportions L=H.



87 Lfq

Bottom hinge with bearing, square insert and pillar fixing

Gond inférieur avec roulement, insert carré et fixation pillar

Unteres Torband mit Lager, Vierkanteinsatz und Säulenbefestigung

Bisagra inferior con rodamiento, inserto cuadrado y fijación de pilares

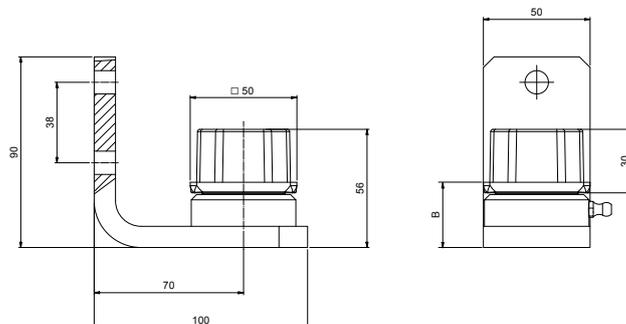
Регулируемая нижняя петля с подшипником, квадратной вставкой и прикрепляемой пластиной



CODE	ART.	Portata Capacity	Box info	
			Pcs per pack	Kg
10801350 001	87LFQ-50.AL	300	2	2,072
10801351 001	87LFQ-50.I.AL	300	2	2,072

Finishing: Galvanized - steel insert

Weight bearing capacity refers to a pair of hinges mounted on a gate with weight uniformly distributed on a leaf with proportions L=H.



Double adjustment Hinges

154R-CV

Hinge with u-bolt and Plate "Rustica"
double adjustment on 2 axis x-y
Gond avec crampillon et Platine "Rustica"
avec double réglage sur les axes x-y
Torband mit U-Bügel und Platte "Rustica"
2 Achsen x-y Doppelverstellung
Bisagra con pletina en U y Placa "Rustica"(Rústica)
doble regulación en 2 ejes x-y
Петля со скобой и Пластина "Rustica" с
двойным регулированием по 2 осям x-y

CODE	ART.	C	M	Rx	Ry	Portata Capacity	Box info	
							Pcs per pack	Kg
10824405 001	154R-CV-M18	37	18	82-86	10	125 kg	20	18,0
10824410 001	154R-CV-M20	37	20	87-90	10	150 kg	20	18,3
10824415 001	154R-CV-M22	49	22	94-96	10	220 kg	10	13,2
10824420 001	154R-CV-M24	49	24	95-100	10	225 kg	10	13,5

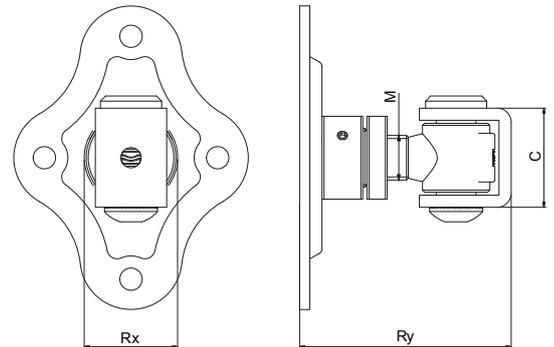
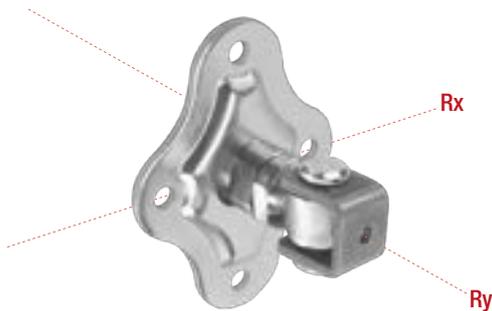
Finishing: Galvanized

Weight bearing capacity refers to a pair of hinges mounted on a gate with weight uniformly distributed on a leaf with proportions L=H.

PATENTED



Equally distributed weight



SWING GATE

159R-CV

Hinge with u-bolt and Plate "Quadrata"
double adjustment on 2 axis x-y
Gond avec crampillon et Platine "Quadrata"
avec double réglage sur les axes x-y
Torband mit U-Bügel und Platte "Quadrata"
2 Achsen x-y Doppelverstellung
Bisagra con pletina en U y Placa "Quadrata"(Cuadrada)
doble regulación en 2 ejes x-y
Петля со скобой и Пластина "Quadrata" с
двойным регулированием по 2 осям x-y

CODE	ART.	C	M	Rx	Ry	Portata Capacity	Box info	
							Pcs per pack	Kg
10823405 001	159R-CV-M18	37	18	82-96	10	125 kg	20	17,1
10823410 001	159R-CV-M20	37	20	87-96	10	150 kg	20	17,3
10823415 001	159R-CV-M22	49	22	94-103	10	220 kg	10	12,7
10823420 001	159R-CV-M24	49	24	95-108	10	225 kg	10	13,0

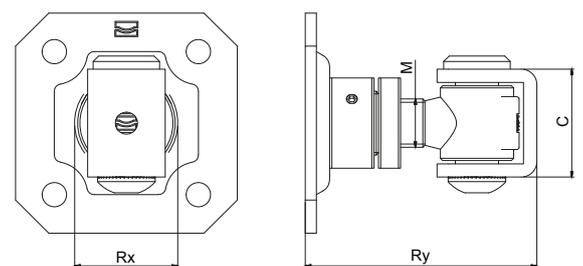
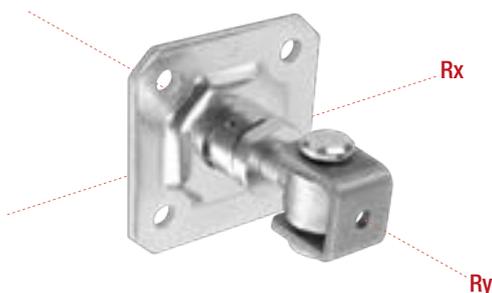
Finishing: Galvanized

Weight bearing capacity refers to a pair of hinges mounted on a gate with weight uniformly distributed on a leaf with proportions L=H.

PATENTED



Equally distributed weight



85

Adjustable upper hinge with plate to be welded
 Gond supérieur réglable avec platine
 Verstellbares oberes Torband mit Platte
 Bisagra superior regulable con placa
 Верхняя регулируемая петля с пластиной

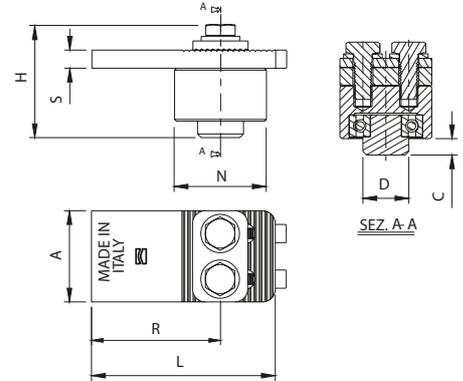
CODE	ART.	Size	A	C	D	H	L	N	R	S	Portata Capacity	Box info	
												Pcs per pack	Kg
10800407 001	85M	Medio Ø50	50	9	Ø25	62	100	Ø48	70-85	10	450 kg	4	3.4
10800410 001	85G	Grande Ø70	60	15	Ø35	72	130	Ø68	90-105	10	650 kg	2	3.2

Finishing: Galvanized

Weight bearing capacity refers to a pair of hinges mounted on a gate with weight uniformly distributed on a leaf with proportions L=H.



Equally distributed weight



85L

Adjustable upper hinge with L plate
 Gond supérieur réglable avec platine à L
 Verstellbares oberes Torband mit L-Platte
 Bisagra superior regulable con placa en L
 Верхняя регулируемая петля с пластиной в форме L

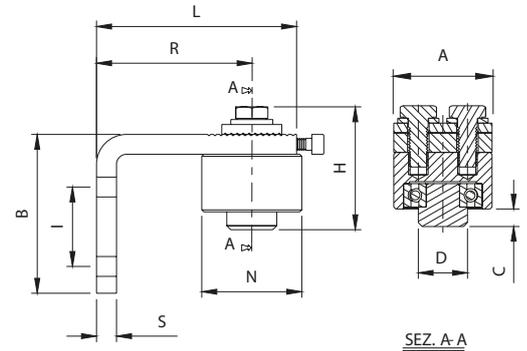
CODE	ART.	Size	A	B	C	D	H	I	L	N	R	S	Portata Capacity	Box info	
														Pcs per pack	Kg
10801607 001	85L-M	Medio Ø50	50	90	9	Ø25	62	45	100	Ø48	70-85	10	350 kg	2	2.4
10801610 001	85L-G	Grande Ø70	60	110	15	Ø35	72	55	130	Ø68	90-105	10	500 kg	2	4.1

Finishing: Galvanized

Weight bearing capacity refers to a pair of hinges mounted on a gate with weight uniformly distributed on a leaf with proportions L=H.



Equally distributed weight



85PST

Adjustable upper hinge with plate to be screwed
 Gond supérieur réglable avec platine à visser
 Verstellbares oberes Torband mit Platte zum Anschrauben
 Bisagra superior regulable con placa para fijar
 Верхняя регулируемая петля с прикрепляемой пластиной

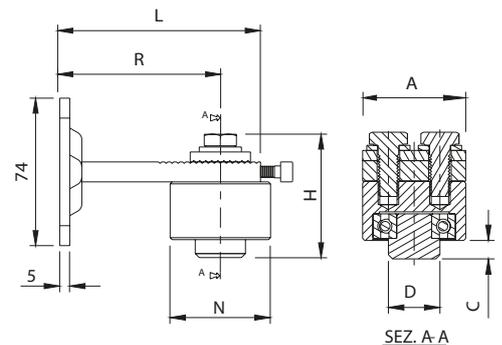
CODE	ART.	Size	A	C	D	H	L	N	R	Portata Capacity	Box info	
											Pcs per pack	Kg
10801407 001	85PST-M	Medio Ø50	50	9	Ø25	62	100	Ø48	70-85	350 kg	2	2.3
10801410 001	85PST-G	Grande Ø70	60	15	Ø35	72	130	Ø68	90-105	500 kg	2	3.2

Finishing: Galvanized

Weight bearing capacity refers to a pair of hinges mounted on a gate with weight uniformly distributed on a leaf with proportions L=H.



Equally distributed weight



85XL

Heavy upper hinge double adjustment and plate to be screwed

Gond supérieur lourd double réglage platine à visser

Schweres oberes Torband Doppelverstellung und Platte zum Anschrauben

Bisagra superior pesada doble regulación y placa para fijar

Верхняя тяжелая петля с двойным регулированием и прикрепляемой пластиной

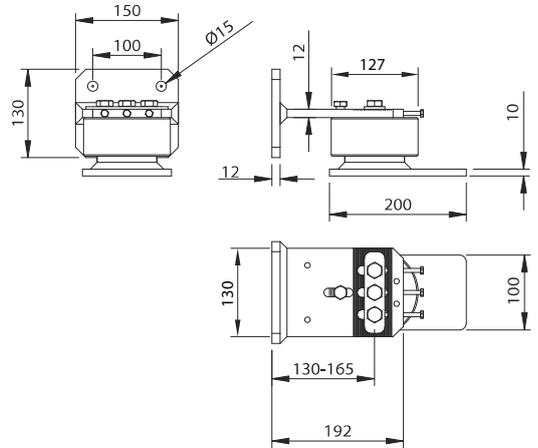
CODE	ART.	Size	R	Portata Capacity	Box info	
					Pcs per pack	Kg
10800411 001	85XL	Maxi	130-165	4000 kg	1	11,6

Finishing: Galvanized

Weight bearing capacity refers to a pair of hinges mounted on a gate with weight uniformly distributed on a leaf with proportions L=H.



Equally distributed weight



Cover for art. 85XL



SWING GATE

86P

Upper hinge with plate

Gond supérieur avec platine

Oberes Torband mit Platte

Bisagra superior con rodamiento y placa

Верхняя петля с подшипником и пластиной

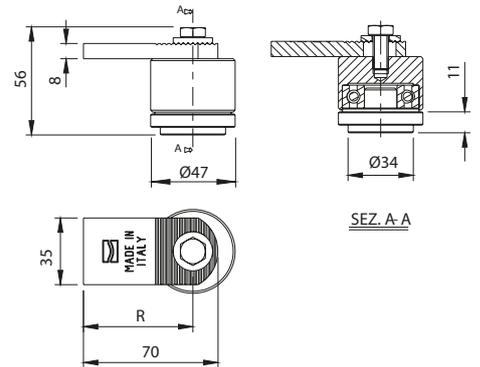
CODE	ART.	Size	R	Portata Capacity	Box info	
					Pcs per pack	Kg
10800505 001	86P	Piccolo Ø47	50-60	200 kg	4	2,5

Finishing: Galvanized

Weight bearing capacity refers to a pair of hinges mounted on a gate with weight uniformly distributed on a leaf with proportions L=H.



Equally distributed weight



86G

Upper hinge with plate

Gond supérieur avec platine

Oberes Torband mit Platte

Bisagra superior con placa

Верхняя петля с пластиной

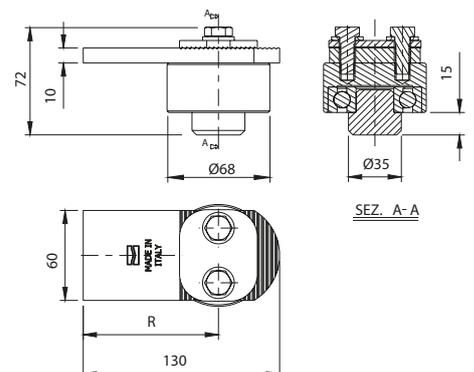
CODE	ART.	Size	R	Portata Capacity	Box info	
					Pcs per pack	Kg
10800510 001	86G	Grande Ø70	90-105	650 kg	2	3,2

Finishing: Galvanized

Weight bearing capacity refers to a pair of hinges mounted on a gate with weight uniformly distributed on a leaf with proportions L=H.



Equally distributed weight



86L-P

Cardine superiore con piastra a L
 Upper hinge with L plate
 Gond supérieur avec platine à L
 Oberes Torband mit L-Platte
 Bisagra superior con placa en L
 Верхняя петля с пластиной в форме L



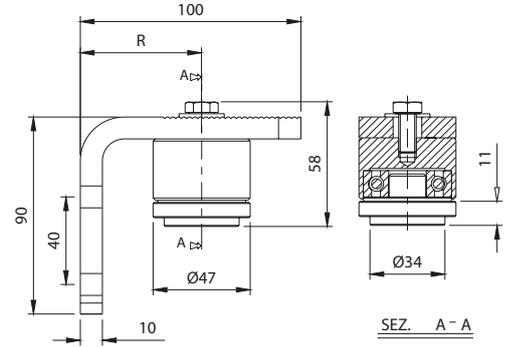
CODE	ART.	Size	R	Portata Capacity	Box info	
					Pcs per pack	Kg
10801805 001	86L-P	Piccolo Ø 47	50-80	200 kg	2	1,9

Finishing: Galvanized

Weight bearing capacity refers to a pair of hinges mounted on a gate with weight uniformly distributed on a leaf with proportions L=H.



Equally distributed weight



86L-G

Cardine superiore con piastra a L
 Upper hinge with L plate
 Gond supérieur avec platine à L
 Oberes Torband mit L-Platte
 Bisagra superior con placa en L
 Верхняя петля с пластиной в форме L



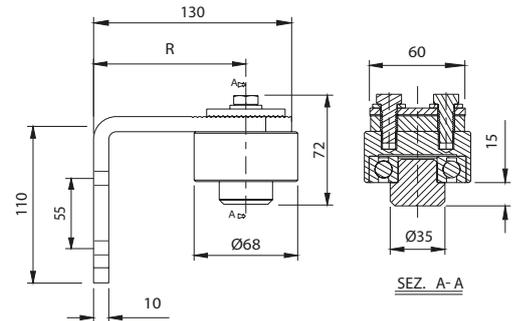
CODE	ART.	Size	R	Portata Capacity	Box info	
					Pcs per pack	Kg
10801810 001	86L-G	Grande Ø70	90-105	500 kg	2	4,1

Finishing: Galvanized

Weight bearing capacity refers to a pair of hinges mounted on a gate with weight uniformly distributed on a leaf with proportions L=H.



Equally distributed weight



86PST

Cardine superiore con piastra a fissare
 Upper hinge with plate to be screwed
 Gond supérieur avec platine à visser
 Oberes Torband mit Platte zum Anschrauben
 Bisagra superior con placa para fijar
 Верхняя петля с прикрепляемой пластиной



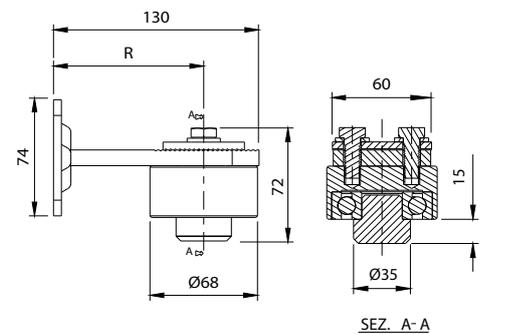
CODE	ART.	Size	R	Portata Capacity	Box info	
					Pcs per pack	Kg
10801710 001	86PST	Grande Ø70	90-105	500 kg	2	3,8

Finishing: Galvanized

Weight bearing capacity refers to a pair of hinges mounted on a gate with weight uniformly distributed on a leaf with proportions L=H.



Equally distributed weight

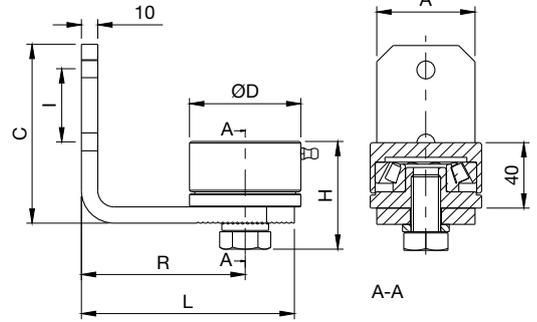


87L

Bottom hinge with thrust bearing and L plate to be screwed
 Cardine inferiore con cuscinetto reggi spinta e piastra a L
 Gond inférieur avec roulement de butée et platine à L
 Unteres Torband mit Drucklager und L-Platte
 Bisagra inferior con rodamiento de empuje y placa en L
 Нижняя петля с упорным подшипником и пластиной в форме L



Equally distributed weight



CODE	ART.	Size	A	C	D	H	I	L	R	Portata Capacity	Box info	
											Pcs per pack	Kg
10801305 001	87L-P	Piccolo Ø47	45	90	Ø 34	57	40	100	55-80	320 kg	4	2,9
10801307 001	87L-M	Medio Ø50	45	90	Ø 49	52	40	100	55-85	350 kg	4	4,0
10801310 001	87L-G	Grande Ø70	60	110	Ø 68	66	55	130	95-105	500 kg	2	4,2

Finishing: Galvanized

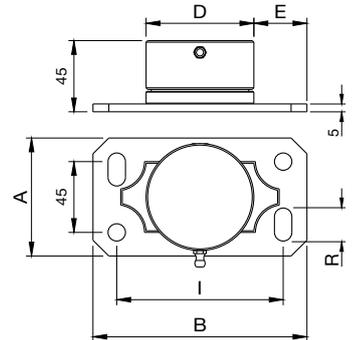
Weight bearing capacity refers to a pair of hinges mounted on a gate with weight uniformly distributed on a leaf with proportions L=H.

87PST

Bottom hinge with thrust bearing and plate to be screwed
 Cardine inferiore con cuscinetto reggi spinta e piastra a fissare
 Gond inférieur avec roulement de butée et platine à fixer
 Unteres Torband mit Drucklager und Platte zum Anschrauben
 Bisagra inferior con rodamiento de empuje y placa para fijar
 Нижняя петля с упорным подшипником и прикрепляемой пластиной



Equally distributed weight



CODE	ART.	Size	A	B	D	E	I	R	Portata Capacity	Box info	
										Pcs per pack	Kg
10801205 001	87PST-P	Piccolo Ø 47	75	100	Ø 34	28	70	10	200 kg	2	1,2
10801207 001	87PST-M	Medio Ø 50	75	100	Ø 49	25	70	10	350 kg	2	1,2
10801210 001	87PST-G	Grande Ø 70	75	135	Ø 68	33.5	105	10	500 kg	2	2,5

Finishing: Galvanized

Weight bearing capacity refers to a pair of hinges mounted on a gate with weight uniformly distributed on a leaf with proportions L=H.

87

Bottom hinge with thrust bearing
 Cardine inferiore con cuscinetto reggi spinta
 Gond inférieur avec roulement de butée
 Unteres Torband mit Drucklager
 Bisagra inferior con rodamiento de empuje
 Нижняя петля с упорным подшипником



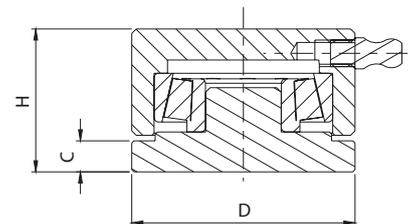
P



M - G



Equally distributed weight



CODE	ART.	Size	C	D	H	Portata Capacity	Box info	
							Pcs per pack	Kg
10801005 001	87P	Piccolo Ø 47	7	Ø47	35	200 kg	4	1,6
10801007 001	87M	Medio Ø50	8	Ø49	32	450 kg	4	1,8
10801010 001	87G	Grande Ø70	8	Ø68	40	650 kg	2	2,0

Finishing: Galvanized

Weight bearing capacity refers to a pair of hinges mounted on a gate with weight uniformly distributed on a leaf with proportions L=H.

KIT 85+87



CODE	ART.	Size	Portata Capacity	Box info	
				Pcs per pack	Kg
10800415 001	85M+87M	KIT Medio	450	2	5,20
10800414 001	85G+87G	KIT Grande	650	2	5,20

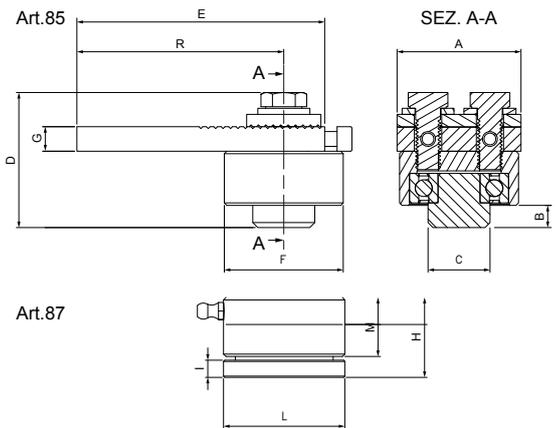
Lowered hinges kit
 Kit gonds abaissées
 Abgesenktem Torband Kit
 Kit de bisagras rebajadas
 Пониженная петля комплект

Finishing: Galvanized

Weight bearing capacity refers to a pair of hinges mounted on a gate with weight uniformly distributed on a leaf with proportions L=H.



Equally distributed weight



87XL

Heavy bottom hinge with thrust bearing and plate to be screwed
 Gond inférieur lourd avec roulement de butée et platine à visser
 Schweres oberes Torband mit Drucklager und Platte zum Anschrauben
 Bisagra inferior pesada con rodamiento de empuje y placa
 Тяжелая нижняя петля с упорным подшипником и пластиной



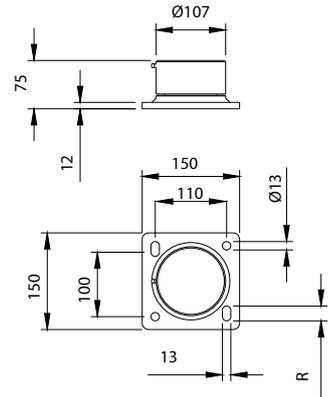
CODE	ART.	R	Portata Capacity	Box info	
				Pcs per pack	Kg
10801011 001	87XL	10	4000 kg	1	5,5

Finishing: Galvanized

Weight bearing capacity refers to a pair of hinges mounted on a gate with weight uniformly distributed on a leaf with proportions L=H.



Equally distributed weight



88

Upper hinge with square pin and plate to be welded
 Gond supérieur avec pivot carré et platine à souder
 Oberes Torband mit viereckigem Stift und Platte zum Schweißen
 Bisagra superior pernio cuadrado placa para soldar
 Верхняя регулируемая петля квадратный штифт с привариваемой пластиной



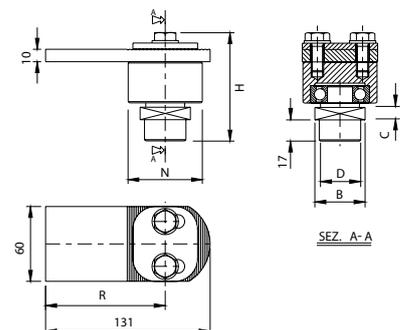
CODE	ART.	B	C	D	H	N	R	Portata Capacity	Box info	
									Pcs per pack	Kg
10801505 001	88-40	40	10	Ø33	87	59	90-105	200 kg	2	3,2
10801510 001	88-50	50	10	Ø43	87	59	90-105	450 kg	2	3,5
10801515 001	88-60	60	15	Ø52	92	68	90-105	650 kg	2	4,5

Finishing: Galvanized

Weight bearing capacity refers to a pair of hinges mounted on a gate with weight uniformly distributed on a leaf with proportions L=H.



Equally distributed weight



88L

Upper hinge with square pin and L plate to be screwed
 Gond supérieur avec pivot carré et platine à L
 Oberes Torband mit viereckigem Stift und L-Platte zum Anschrauben
 Bisagra superior pernio cuadrado placa en L para fijar
 Верхняя регулируемая петля квадратный штифт с прикрепляемой пластиной в форме L



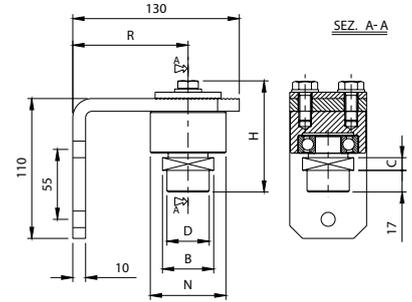
CODE	ART.	B	C	D	H	N	R	Portata Capacity	Box info	
									Pcs per pack	Kg
10802105 001	88L-40	40	10	∅ 33	87	59	90-105	200 kg	2	3,8
10802110 001	88L-50	50	10	∅ 43	87	59	90-105	350 kg	2	4,1
10802115 001	88L-60	60	15	∅ 52	92	68	90-105	500 kg	2	4,7

Finishing: Galvanized

Weight bearing capacity refers to a pair of hinges mounted on a gate with weight uniformly distributed on a leaf with proportions L=H.



Equally distributed weight



88PST

Upper hinge with square pin and plate to be screwed
 Gond supérieur avec pivot carré et platine à visser
 Oberes Torband mit viereckigem Stift und Platte zum Anschrauben
 Bisagra superior pernio cuadrado placa en L para fijar
 Верхняя регулируемая петля квадратный штифт с прикрепляемой пластиной в форме L



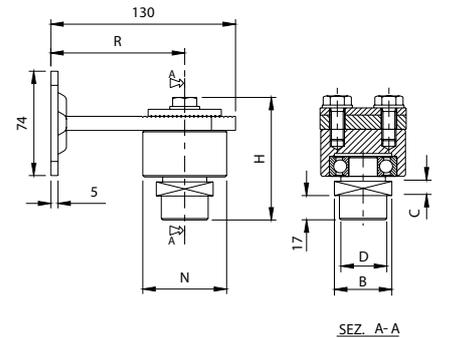
CODE	ART.	B	C	D	H	N	R	Portata Capacity	Box info	
									Pcs per pack	Kg
10802205 001	88PST-40	40	10	∅ 33	87	59	90-105	200 kg	2	3,6
10802210 001	88PST-50	50	10	∅ 43	87	59	90-105	350 kg	2	3,9
10802215 001	88PST-60	60	15	∅ 52	92	68	90-105	500 kg	2	4,9

Finishing: Galvanized

Weight bearing capacity refers to a pair of hinges mounted on a gate with weight uniformly distributed on a leaf with proportions L=H.



Equally distributed weight



89

Bottom big pin with bearing
 Pivot grand inférieur avec roulement
 Unterer Maxibolzen mit Kugellager
 Maxi-pernio inferior con cojinete
 Нижний увеличенный штифт с подшипником



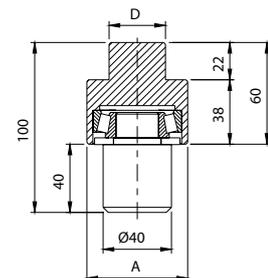
CODE	ART.	Size	A	D	Portata Capacity	Box info	
						Pcs per pack	Kg
10802005	89-40	∅ 40	∅ 59	∅ 33	200 kg	2	2,6
10802010	89-50	∅ 50	∅ 59	∅ 43	450 kg	2	2,8
10802015	89-60	∅ 60	∅ 64	∅ 53	650 kg	2	3,4

Finishing: Galvanized

Weight bearing capacity refers to a pair of hinges mounted on a gate with weight uniformly distributed on a leaf with proportions L=H.

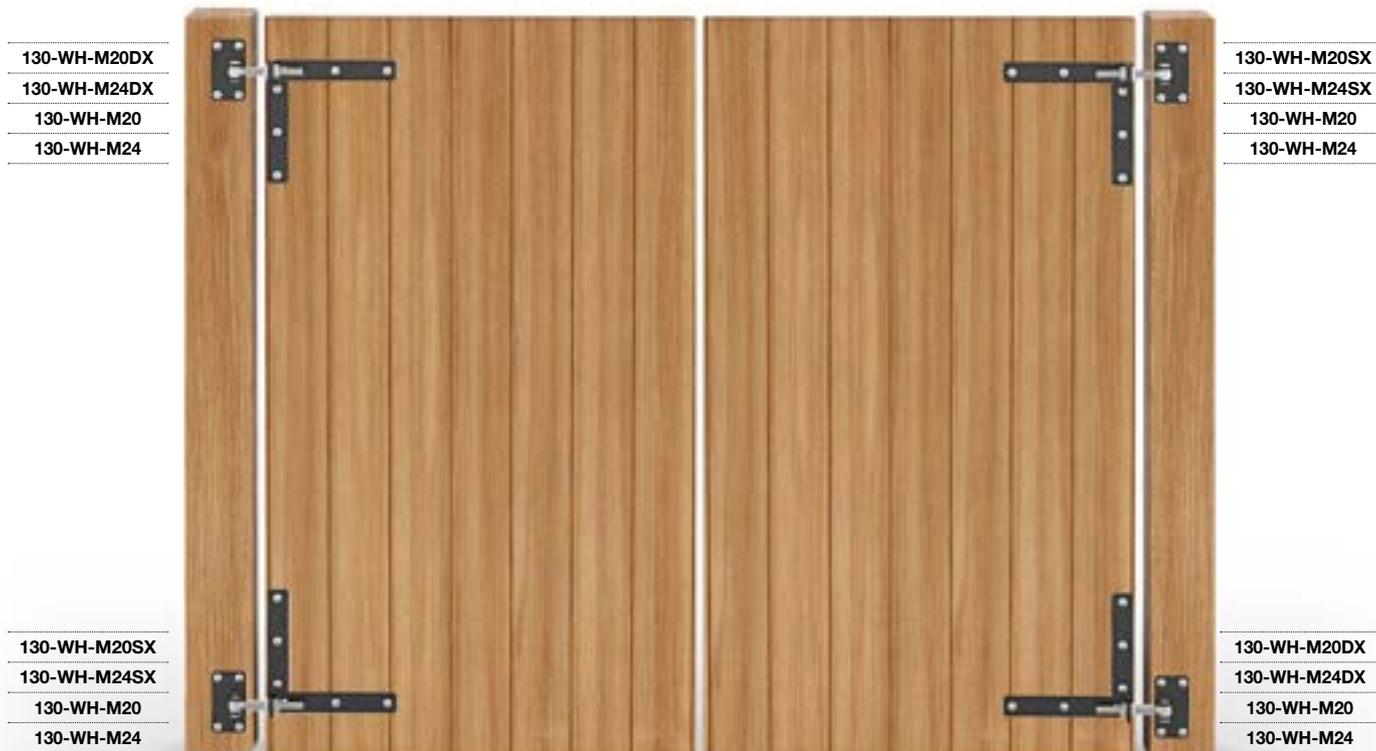


Equally distributed weight



Life made easy

Hinges for wooden gates

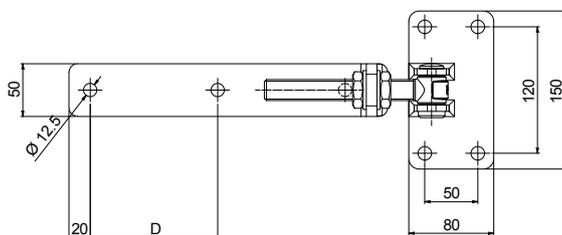
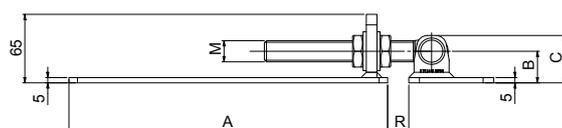
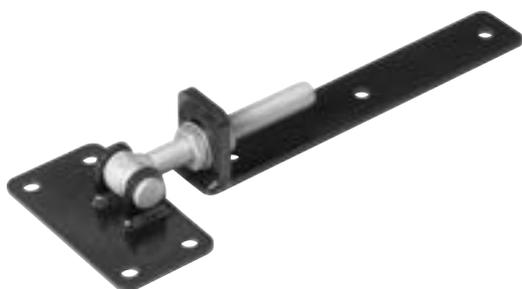


130-WH

Hinge for wooden gates
Charnière pour portails en bois
Torband für Holztor
Bisagra para portones de madera
Петля для деревянных ворот



Equally distributed weight



CODE	ART.	A	B	C	D	L	M	R	Portata Capacity	Box info	
										Pos per pack	Kg
10819615 046	130-WH-M20	300	30	45	120	-	M20	20-90	150 Kg	8 Kg	4
10819620 046	130-WH-M24	600	32	52	135	-	M24	20-90	225 Kg	12 Kg	4

Finishing: HS 700 + powder coating

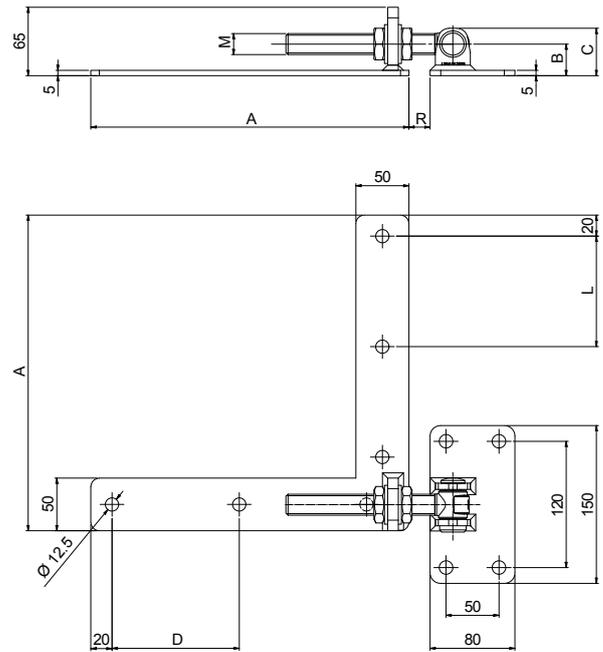
Weight bearing capacity refers to a pair of hinges mounted on a gate with weight uniformly distributed on a leaf with proportions L=H.

130-WH-DX

Right "L" shaped hinge for wooden gates
 Charnière droite en forme de «L» pour portails en bois
 Rechter Torband mit "L" Profil für Holztoore
 Bisagra derecha en forma de "L" para puertas de madera
 Правая L-образная петля для деревянных ворот



Equally distributed weight



CODE	ART.	A	B	C	D	L	M	R	Portata Capacity	Box info	
										Pcs per pack	Kg
10819616 046	130-WH-M20DX	300	30	45	120	105	M20	20-90	150 Kg	4,9 Kg	2
10819621 046	130-WH-M24DX	600	32	52	135	125	M24	20-90	225 Kg	8 Kg	2

Finishing: **HS 700 + powder coating**

Weight bearing capacity refers to a pair of hinges mounted on a gate with weight uniformly distributed on a leaf with proportions L=H.

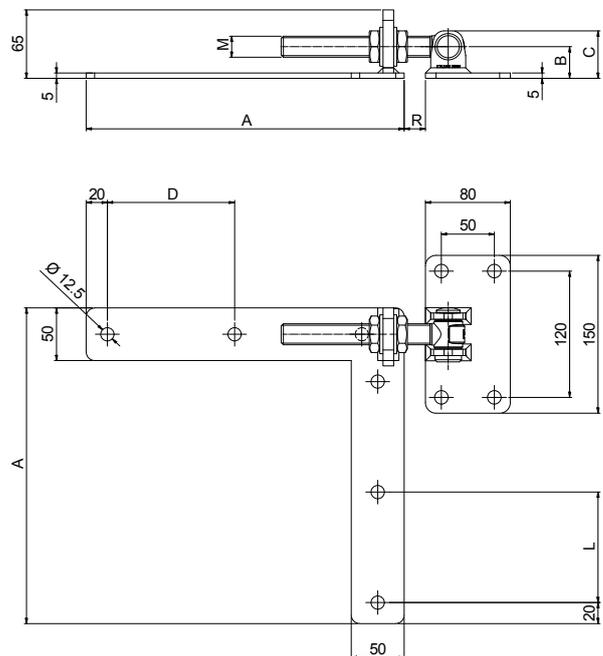
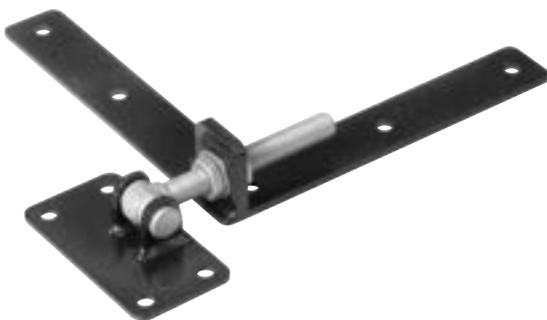
SWING GATE

130-WH-SX

Left "L" shaped hinge for wooden gates
 Charnière gauche en forme de «L» pour portails en bois
 Linker Torband mit "L" Profil für Holztoore
 Bisagra izquierda en forma de "L" para puertas de madera
 Левая L-образная петля для деревянных ворот



Equally distributed weight



CODE	ART.	A	B	C	D	L	M	R	Portata Capacity	Box info	
										Pcs per pack	Kg
10819617 046	130-WH-M20SX	300	30	45	120	105	M20	20-90	150 Kg	4,9 Kg	2
10819622 046	130-WH-M24SX	600	32	52	135	125	M24	20-90	225 Kg	8 Kg	2

Finishing: **HS 700 + powder coating**

Weight bearing capacity refers to a pair of hinges mounted on a gate with weight uniformly distributed on a leaf with proportions L=H.



Cover System HS-700

applied to protect metallic parts from corrosion.

- Water-based chemistry
- Chrome free
- High corrosion resistance

Salt Spray Test
(ISO 9227/ASTM B117)

> 240 hours without white rust

> 720 hours without red rust

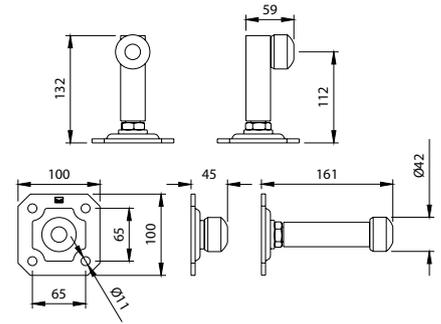
201

Runaway stop to be screwed
 Boutoir de fin de course avec base à visser
 Torendpuffer mit Befestigungsplatte zum Anschrauben
 Tope de final de carrera con base para fijar
 Стопор конца хода с прикрепляемым основанием



CODE	ART.	Box info	
		Pcs per pack	Kg
10701450 001	201	2	2.78

Finishing: Galvanized



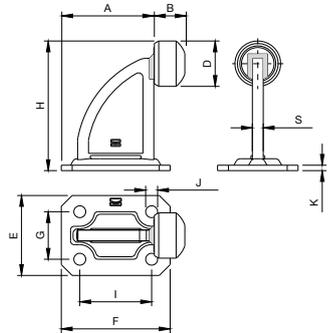
202

Runaway stop to be screwed
 Boutoir de fin de course à base à visser
 Torendpuffer mit Befestigungsplatte zum Anschrauben
 Tope de final de carrera con base para fijar
 Стопор конца хода с прикрепляемым основанием



CODE	ART.	A	B	C	D	E	F	G	H	I	J	K	S	Box info	
														Pcs per pack	Kg
10701805 001	202-P	70	28	92,5	Ø37	60	80	40	102	50	Ø9	5	8	20	12
10701810 001	202-G	50	27	113,5	Ø42	47	100	44	118,5	66	Ø11	5	8	10	7.4

Finishing: Galvanized



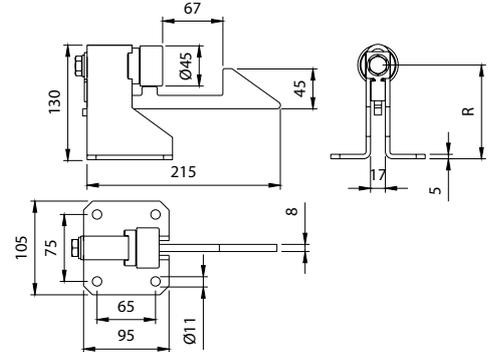
202F-B

Adjustable runaway stop to be screwed for wing gates
 Boutoir de fin de course à visser réglable pour portails à vantaux
 Verstellbarer Torendpuffer zum Anschrauben für Flügeltore
 Tope de final de carrera regulable para fijar para puertas de hoja
 Прикрепляемый регулируемый стопор конца хода для распашных ворот



CODE	ART.	R	Box info	
			Pcs per pack	Kg
10704301 001	202F-B	70-115	4	6,4

Finishing: Galvanized



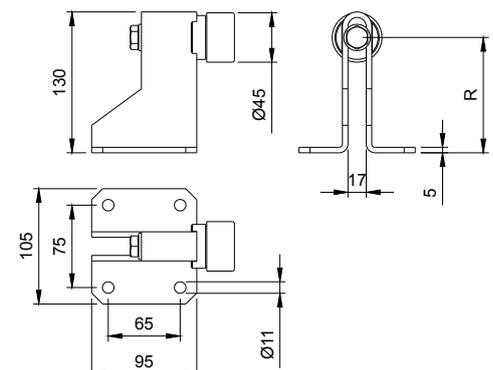
202F-C

Adjustable runaway stop to be screwed
 Boutoir de fin de course à visser réglable
 Verstellbarer Torendpuffer zum Anschrauben
 Tope de final de carrera regulable para fijar
 Прикрепляемый регулируемый стопор конца хода



CODE	ART.	R	Box info	
			Pcs per pack	Kg
10704401 001	202F-C	70-115	10	12.4

Finishing: Galvanized



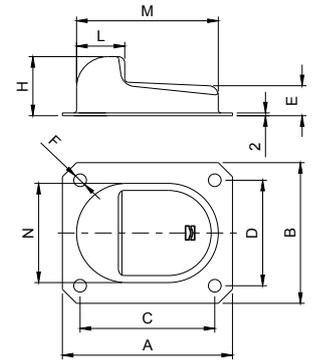
166

Stop batten to be fixed
 Battent d'arrêt à fixer
 Auflaufschuh zum Anschrauben
 Tоре para fijar
 Прикрепляемый стопор



CODE	ART.	Size	A	B	C	D	E	F	H	L	M	N	Box info	
													Pcs per pack	Kg
10704601 001	166P	Piccolo	120	100	95	75	21	Ø9	42	34	100	70	25	7,40
10704602 001	166G	Grande	160	130	125	100	23	Ø11	48	40	130	90	10	4,80

Finishing: Galvanized



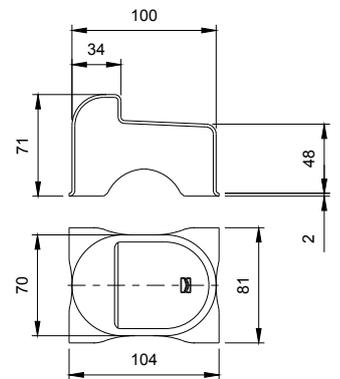
169

Stop batten to be cemented
 Battent d'arrêt à sceller
 Auflaufschuh zum Ausbetonieren
 Tоре para cementar
 Цементируемый стопор



CODE	ART.	Box info	
		Pcs per pack	Kg
10700905 001	169	25	7,9

Finishing: Galvanized



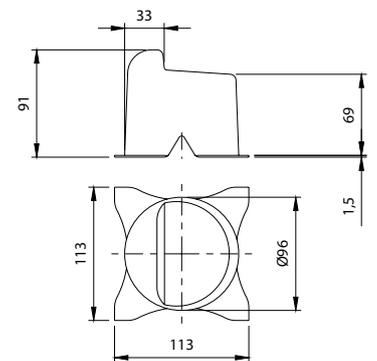
170

Stop batten to be cemented
 Battent d'arrêt à sceller
 Auflaufschuh zum Ausbetonieren
 Tоре para cementar
 Цементируемый стопор



CODE	ART.	Box info	
		Pcs per pack	Kg
10701005 001	170	25	8,5

Finishing: Galvanized



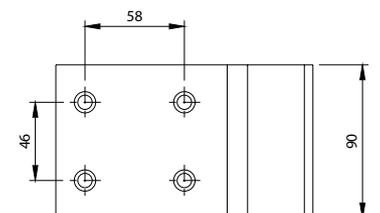
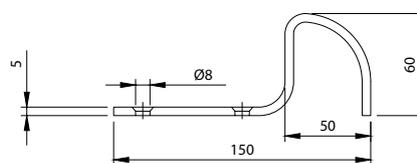
171

Stop batten to be fixed
 Battent d'arrêt à fixer
 Auflaufschuh zum Anschrauben
 Tоре para fijar
 Прикрепляемый стопор



CODE	ART.	Box info	
		Pcs per pack	Kg
10701205 001	171	10	8,2

Finishing: Galvanized



Integrator

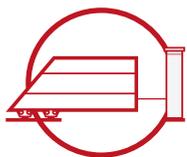
PATENT
PENDING





The all new cantilever system with integrated transmission gears and protected internal rack.

 **COMUNELLO****GATE**



Integrator: The new patented cantilever system with integrated transmission gears and protected internal rack.

- The pinion / rack coupling is completely protected inside the monorail housing, which guarantees **excellent protection** from ice blockage and atmospheric agents.
- Carriage with integrated pinion providing quick installation: simply **connect** the pinion to the sliding motor.
- Possibility to **adapt carriages** for use with actuators with different drive shafts, by using adapters.
- Suitable for temperatures ranging from -30° to 80° C.
- The monorails are manufactured from **high quality** steel profiles with a maximum thickness of 6 mm and are available in 3 and 6 m lengths in both galvanized and uncoated versions, depending on the different needs of the market and the installer.
- Protected moving parts for **clean aesthetics** and increased **safety** levels.



Racks



ART.

CG-50M

CG-50P

CG-50G

Monorail



ART.

CGS-345M

CGS-345P

CGS-345G

Templates



ART.

CG-55M

CG-55P

CG-55G

CG-10

End cup



ART.

CG-25M



CG-25P



CG-25G

CG-30M

CG-30P

CG-30G

CG-35P

CG-35G

Bottom end cup



ART.

CGS-346M

CGS-346P

CGS-346G

Guide plates



ART.

CG-251



252-200



247 F

255-220

255-350

256-300

250-220

251-220

251-300

232-30

232-40

Tension bar



ART.

CG-40

Carriages



ART.

CGS-500.8M

CGS-500.8P

CGS-500.8G

Adaptor



ART.

CG-58

CG-58 G



Foundation fixing



ART.

CG-05P

CG-05G



CG-348

End stopper for monorail



ART.

CGS-347M

CGS-347P

CGS-347G

CG-20M

CG-20P

ART.

CG-20G

CG-21M

CG-21P

CG-21G

Wall bracket



ART.

CG-15M

CG-15P

CG-15G

Life made easy

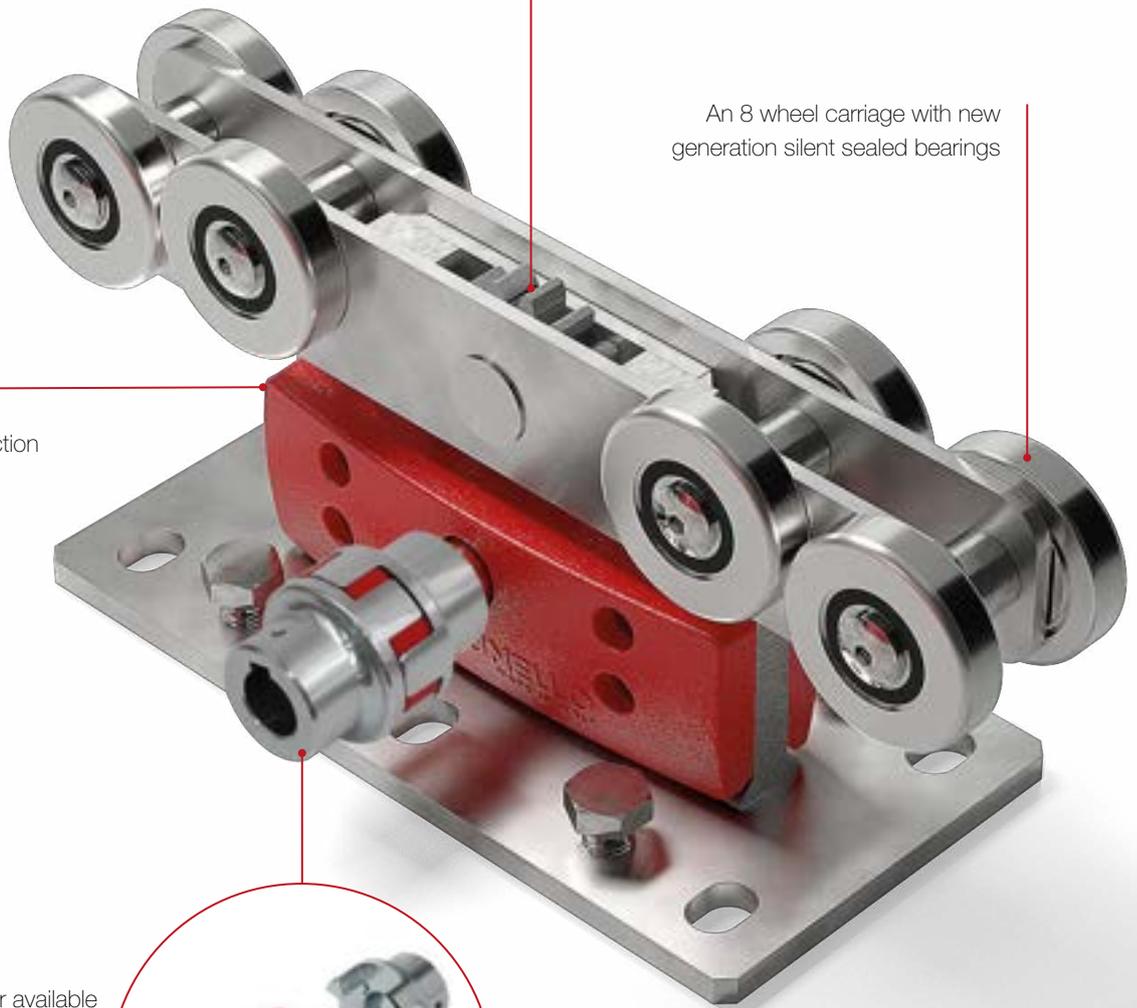
CGS-500.8P

Internally housed drive pinion connects directly to the rack integrated within the monorail

An 8 wheel carriage with new generation silent sealed bearings

Drive pinion casing provides complete protection

Drive shaft adapter available for any actuator



FEATURES

- Noiseless bearings of new generation shielded to protect against dust suitable for temperatures from -30°C to $+80^{\circ}\text{C}$
- Self-balancing
- 8 support wheels for each carriage
- Longitudinal alignment on 16 wheels
- Central rotation stiffened pin

Mini



Monorail **CGS-345M**
+ Integrator pre-drilled rack **CG-50M**



For cantilever gates up to
7 m / 500 kg
INTEGRATOR MINI
CGS-500.8M
ACTUATORS **FORT**
400 24V - 500 230V



Piccolo



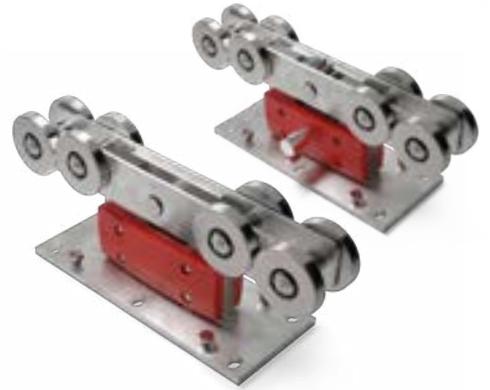
Monorail **CGS-345P**
+ Integrator pre-drilled rack **CG-50P**



For cantilever gates up to
8 m / 800 kg
INTEGRATOR PICCOLO
CGS-500.8P
ACTUATORS **FORT**
600/800/1000 24V
800/1000/1500 230V



Grande



Monorail **CGS-345G**
+ Integrator pre-drilled rack **CG-50G**



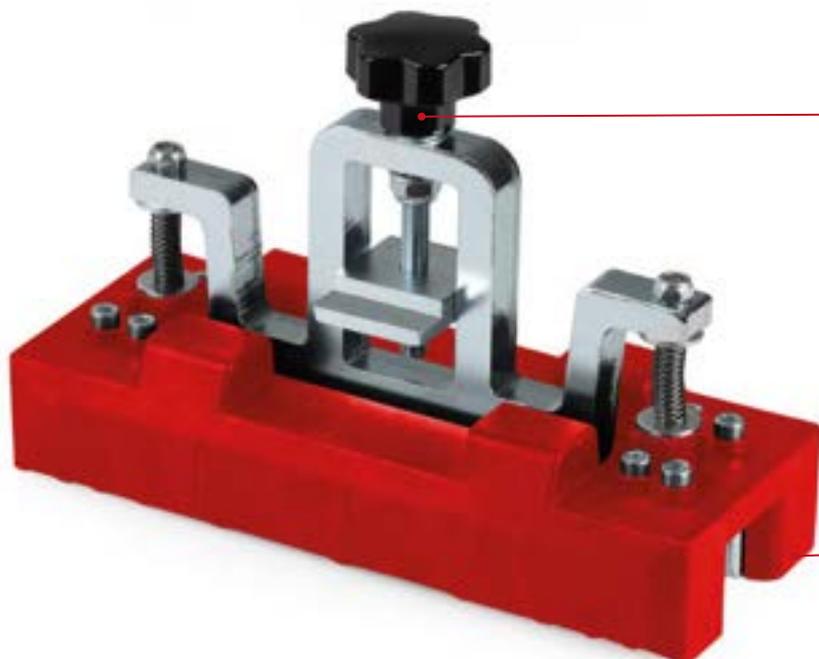
For cantilever gates up to
16 m / 1200 kg
INTEGRATOR GRANDE
CGS-500.8G
ACTUATORS **FORT**
2500 230V - 3500 380V



The Integrator rack centering device

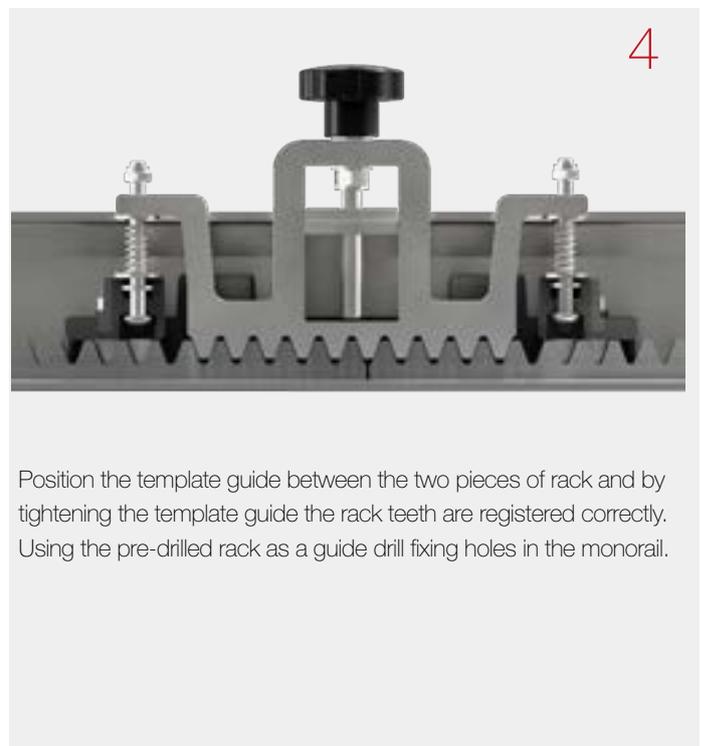
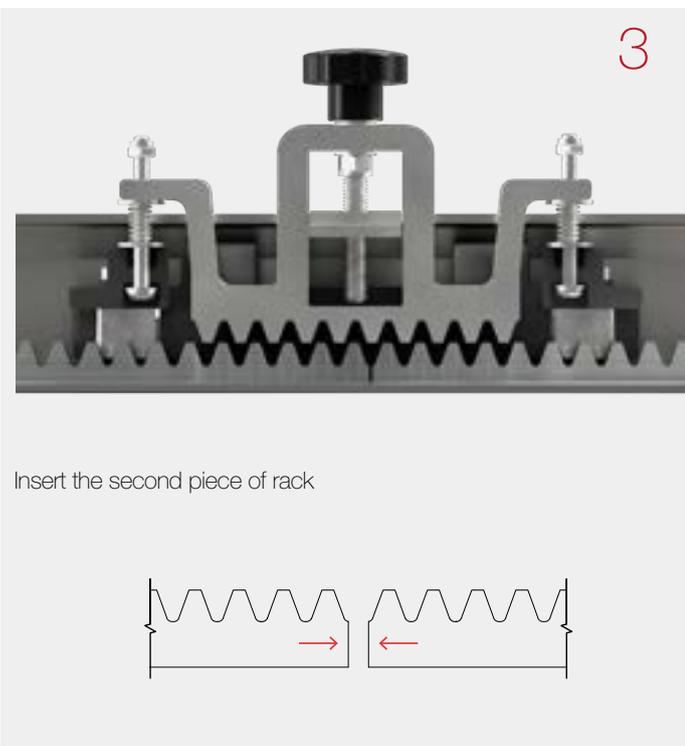
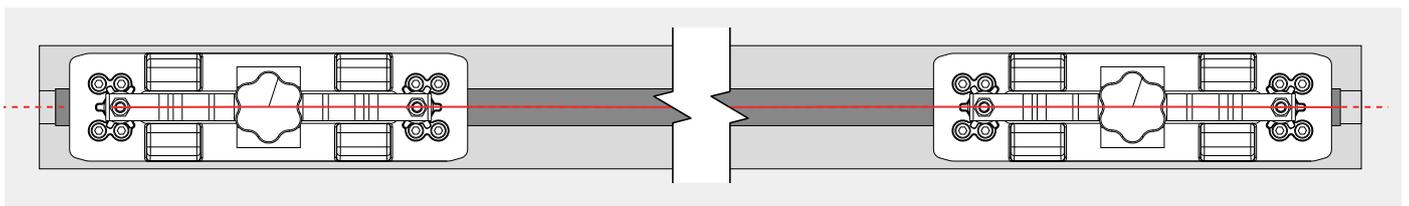
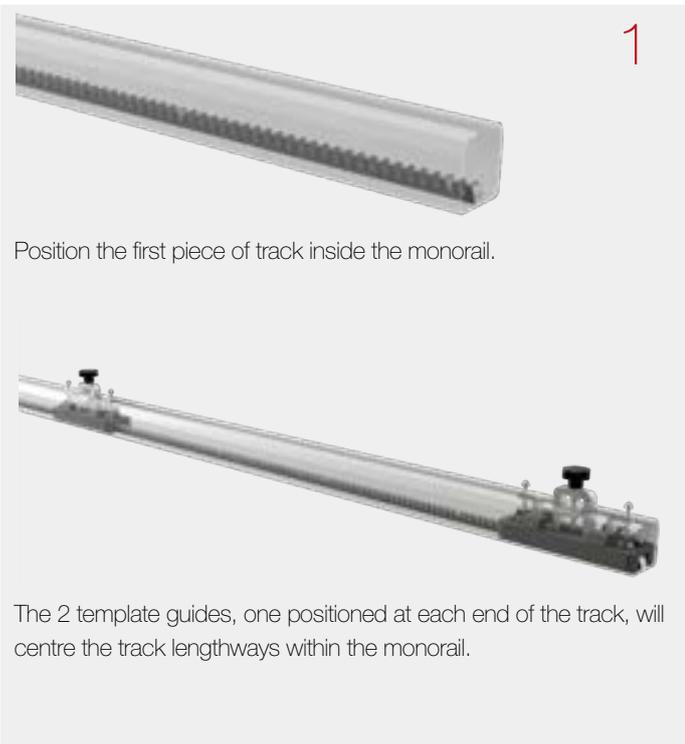


The Integrator centering guide quickly and simply centres the rack along its length by sliding in position inside the monorail. The central slot in the guide base holds the rack and the screw adjustment blocks everything in position so that the pre-drilled holes on the rack can be used as a guide for drilling into the monorail. When a second piece of rack is required just position the guide between the two pieces and tighten the blocking screw, this will perfectly align the teeth between the two racks.



Tightening knob that applies clamping pressure to block the rack in position.

Centering guide with rack centering channel.



INTEGRATOR



Watch the video for more information

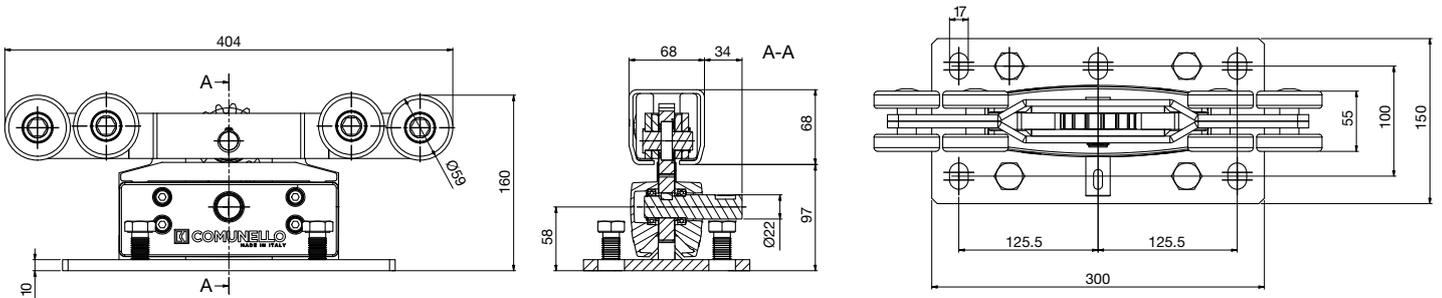
Life made easy

KIT Integrator

MINI

CGS-500.8 M

Integrator kit, Mini version - Master & Slave
 Kit système Integrator, version Mini - Master & Slave
 Kit Integrator, Mini Ausführung - Master & Slave
 Kit sistema Integrator, versión Mini - Master & Slave
 Комплект Integrator, версия Mini - Master & Slave

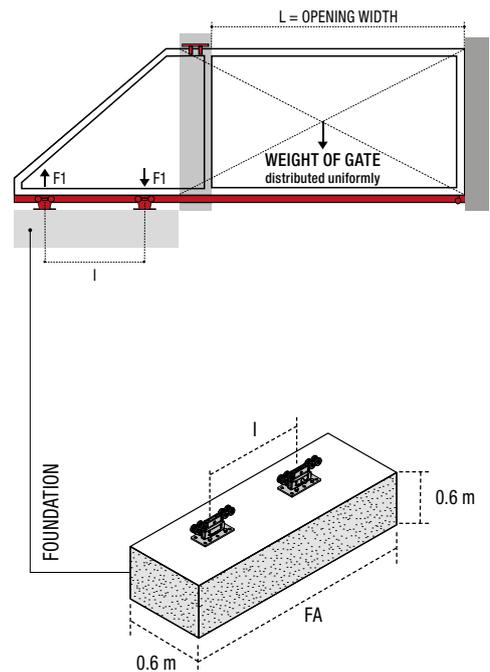


CODE	ART.	Size	Box info	
			Pcs per pack	Kg
10131500 001	CGS-500.8 M	Mini	1	21.5

Finishing: Galvanized

Minimum dimensions of the reinforced concrete casting

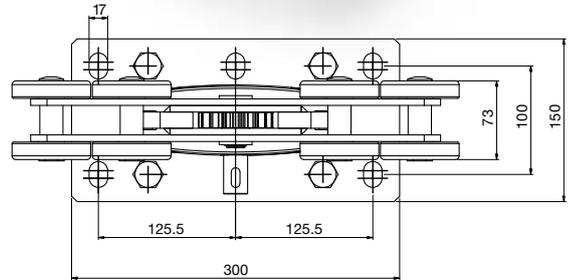
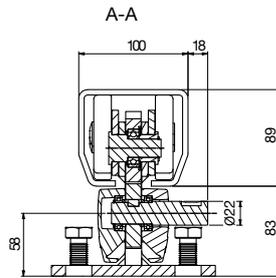
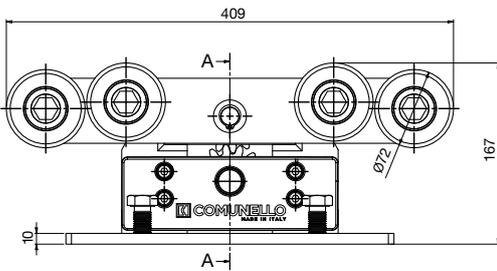
CGS-500.8M (F1max=1200 Kg)												
	L=2 m		L=3 m		L=4 m		L=5 m		L=6 m		L=7 m	
Weight (Kg)	FA (m)	I (m)										
100	1.2	0.5	1.5	0.8	1.7	1.0	2.0	1.3	2.2	1.5	2.5	1.8
150	1.2	0.5	1.5	0.8	1.7	1.0	2.0	1.3	2.2	1.5	2.5	1.8
200	1.2	0.5	1.5	0.8	1.7	1.0	2.0	1.3	2.2	1.5	2.5	1.8
250	1.2	0.5	1.5	0.8	1.7	1.0	2.0	1.3	2.2	1.5	2.5	1.8
300	1.2	0.5	1.5	0.8	1.7	1.0	2.0	1.3	2.2	1.5	2.5	1.8
350	1.3	0.6	1.5	0.8	1.7	1.0	2.0	1.3	2.3	1.6	2.6	1.9
400	1.4	0.7	1.7	1.0	2.0	1.3	2.3	1.6	2.6	1.9	2.9	2.2
450	1.5	0.8	1.8	1.1	2.2	1.5	2.6	1.9	3.0	2.3	3.4	2.7
500	1.7	1.0	2.1	1.4	2.5	1.8	2.9	2.2	3.4	2.7	3.9	3.2



KIT Integrator PICCOLO

CGS-500.8 P

Integrator kit, Piccolo version - Master & Slave
 Kit système Integrator, version Piccolo - Master & Slave
 Kit Integrator, Piccolo Ausführung - Master & Slave
 Kit sistema Integrator, versión pequeña - Master & Slave
 Комплект Integrator, версия Piccolo - Master & Slave



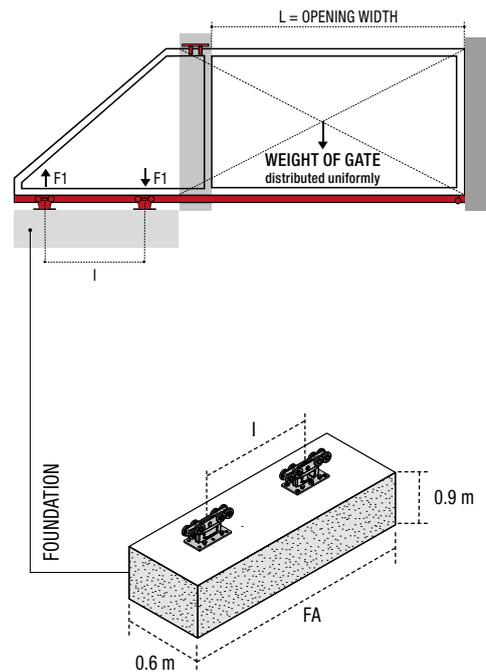
INTEGRATOR

CODE	ART.	Size	Box info	
			Pcs per pack	Kg
10131501 001	CGS-500.8P	Piccolo	1	26.5

Finishing: Galvanized

Minimum dimensions of the reinforced concrete casting

CGS-500.8P (F1max=2000 Kg)												
	L=3 m		L=4 m		L=5 m		L=6 m		L=7 m		L=8 m	
Weight (Kg)	FA (m)	I (m)										
100	1.5	0.8	1.7	1.0	2.0	1.3	2.2	1.5	2.5	1.8	2.7	2.0
150	1.5	0.8	1.7	1.0	2.0	1.3	2.2	1.5	2.5	1.8	2.7	2.0
200	1.5	0.8	1.7	1.0	2.0	1.3	2.2	1.5	2.5	1.8	2.7	2.0
250	1.5	0.8	1.7	1.0	2.0	1.3	2.2	1.5	2.5	1.8	2.7	2.0
300	1.5	0.8	1.7	1.0	2.0	1.3	2.2	1.5	2.5	1.8	2.7	2.0
350	1.5	0.8	1.7	1.0	2.0	1.3	2.2	1.5	2.5	1.8	2.7	2.0
400	1.5	0.8	1.7	1.0	2.0	1.3	2.2	1.5	2.5	1.8	2.7	2.0
450	1.5	0.8	1.7	1.0	2.0	1.3	2.2	1.5	2.5	1.8	2.7	2.0
500	1.5	0.8	1.7	1.0	2.0	1.3	2.2	1.5	2.5	1.8	2.7	2.0
550	1.5	0.8	1.7	1.0	2.0	1.3	2.2	1.5	2.5	1.8	2.8	2.1
600	1.6	0.9	1.8	1.1	2.1	1.4	2.4	1.7	2.7	2.0	3.0	2.3
650	1.7	1.0	2.0	1.3	2.3	1.6	2.6	1.9	3.0	2.3	3.3	2.6
700	1.8	1.1	2.1	1.4	2.5	1.8	2.8	2.1	3.2	2.5	3.6	2.9
750	1.9	1.2	2.3	1.6	2.7	2.0	3.1	2.4	3.5	2.8	3.9	3.2
800	2.0	1.3	2.4	1.7	2.9	2.2	3.3	2.6	3.8	3.1	4.3	3.6



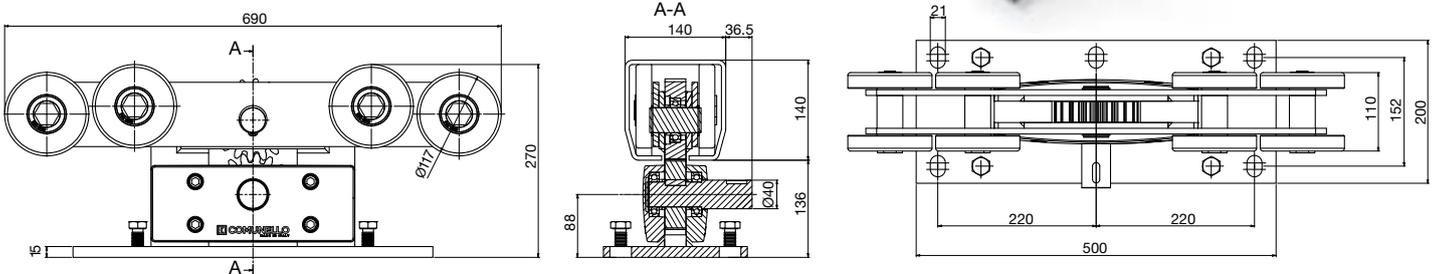
Life made easy

KIT Integrator

GRANDE

CGS-500.8 G

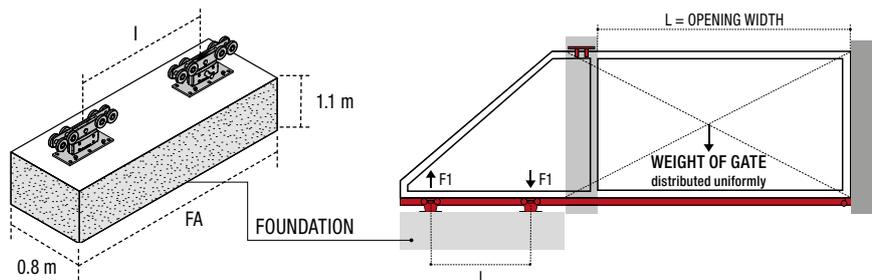
Integrator kit, Grande version - Master & Slave
 Kit système Integrator, version Grande- Master & Slave
 Kit Integrator, Grande Ausführung - Master & Slave
 Kit sistema Integrator, versión Grande - Master & Slave
 Комплект Integrator, версия Grande - Master & Slave



CODE	ART.	Size	Box info	
			Pos per pack	Kg
10131502 001	CGS-500.8G	Grande	1	97

Finishing: Galvanized

Minimum dimensions of the reinforced concrete casting



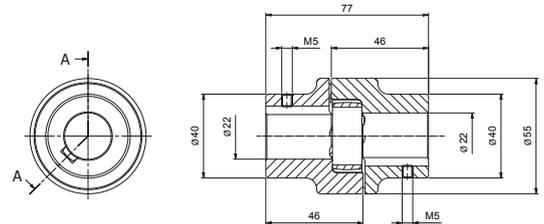
CGS-500.8G (F1max=4000 Kg)																		
Weight (Kg)	L=8 m		L=9 m		L=10 m		L=11 m		L=12 m		L=13 m		L=14 m		L=15 m		L=16 m	
	FA (m)	I (m)																
500	2.9	2.0	3.2	2.3	3.4	2.5	3.7	2.8	3.9	3.0	4.2	3.3	4.4	3.5	4.7	3.8	4.9	4.0
550	2.9	2.0	3.2	2.3	3.4	2.5	3.7	2.8	3.9	3.0	4.2	3.3	4.4	3.5	4.7	3.8	4.9	4.0
600	2.9	2.0	3.2	2.3	3.4	2.5	3.7	2.8	3.9	3.0	4.2	3.3	4.4	3.5	4.7	3.8	4.9	4.0
650	2.9	2.0	3.2	2.3	3.4	2.5	3.7	2.8	3.9	3.0	4.2	3.3	4.4	3.5	4.7	3.8	4.9	4.0
700	2.9	2.0	3.2	2.3	3.4	2.5	3.7	2.8	3.9	3.0	4.2	3.3	4.4	3.5	4.7	3.8	4.9	4.0
750	2.9	2.0	3.2	2.3	3.4	2.5	3.7	2.8	3.9	3.0	4.2	3.3	4.4	3.5	4.7	3.8	4.9	4.0
800	2.9	2.0	3.2	2.3	3.4	2.5	3.7	2.8	3.9	3.0	4.2	3.3	4.4	3.5	4.7	3.8	4.9	4.0
850	2.9	2.0	3.2	2.3	3.4	2.5	3.7	2.8	3.9	3.0	4.2	3.3	4.4	3.5	4.7	3.8	4.9	4.0
900	2.9	2.0	3.2	2.3	3.4	2.5	3.7	2.8	3.9	3.0	4.2	3.3	4.4	3.5	4.7	3.8	4.9	4.0
950	2.9	2.0	3.2	2.3	3.4	2.5	3.7	2.8	3.9	3.0	4.2	3.3	4.4	3.5	4.7	3.8	5.1	4.2
1000	2.9	2.0	3.2	2.3	3.4	2.5	3.7	2.8	4.0	3.1	4.3	3.4	4.6	3.7	5.0	4.1	5.3	4.4
1050	2.9	2.0	3.2	2.3	3.5	2.6	3.8	2.9	4.1	3.2	4.5	3.6	4.8	3.9	5.2	4.3	5.6	4.7
1100	3.0	2.1	3.3	2.4	3.7	2.8	4.0	3.1	4.3	3.4	4.7	3.8	5.1	4.2	5.5	4.6	5.9	5.0
1150	3.2	2.3	3.5	2.6	3.8	2.9	4.2	3.3	4.5	3.6	4.9	4.0	5.3	4.4	5.7	4.8	6.2	5.3
1200	3.3	2.4	3.6	2.7	4.0	3.1	4.3	3.4	4.7	3.8	5.1	4.2	5.6	4.7	6.0	5.1	6.5	5.6

INTEGRATOR Accessories

CG-58

CODE	ART.	Size	Box info	
			Pcs per pack	Kg
10131600 001	CG-58	Mini / Piccolo	1	0.4

Automation adapter for Integrator kit, Mini and Piccolo version / Ranger
 Adaptateur d'automatisation pour kit de Integrator, version Mini et Piccolo / Ranger
 Automatisierung Adapter für Integrator Kits, Mini und Piccolo Ausführung / Ranger
 Adaptador de automatización para kit de integrador, versión Mini y pequeña / Ranger
 Автоматический адаптер для комплектов Integrator, версии Mini и Piccolo / Ranger

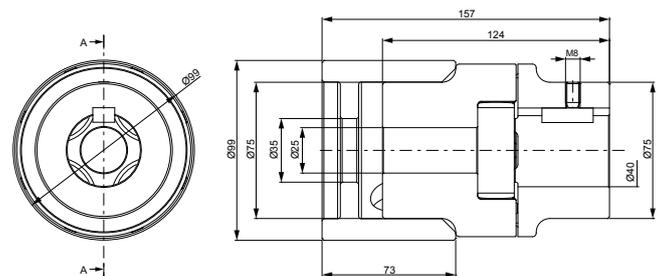


To automate the Mini and Piccolo Integrator system with Comunello actuators (Fort 400/500/600/800/1000/1500) see item "Electromechanical limit switch" AC-206 in the Comunello Automation division. On demand available adapters for any brand of actuator.

CG-58G

CODE	ART.	Size	Box info	
			Pcs per pack	Kg
10131601 001	CG-58G	Grande	1	2.7

Automation adapter for Integrator kit, Grande version
 Adaptateur d'automatisation pour kit de Integrator, version Grande / Ranger
 Automatisierung Adapter für Integrator Kits, Grande Ausführung / Ranger
 Adaptador de automatización para kit de integrador, versión Grande / Ranger
 Автоматический адаптер для комплектов Integrator, версия Grande / Ranger

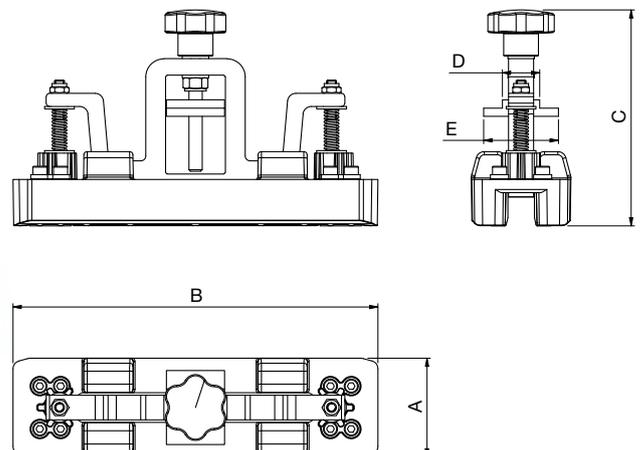


To automate the Grande Integrator system with Comunello actuators (Fort 2500/3500) see item "Electromechanical limit switch" AC-207 in the Comunello Automation division. On demand available adapters for any brand of actuator.

CG-55

CODE	ART.	Size	A	B	C	D	E	Box info	
								Pcs per pack	Kg
10131103 001	CG-55 M	Mini	60	220	120	23	45	pair / coppia	2.2
10131104 001	CG-55 P	Piccolo	89	220	138	32	55	pair / coppia	2.7
10131105 001	CG-55 G	Grande	127	220	231	38	55	pair / coppia	4.2

Rack centering device Kit for monorail
 Kit d'appareil centralisant pour monorail
 Zahnstange Befestigung Schablone
 Kit für Einschienenbahn
 Kit de dispositivo de centrado de cremallera para el monoriel
 Комплект шаблонов выравнивания рейки для монорельса версии



INTEGRATOR

Integrator Accessories

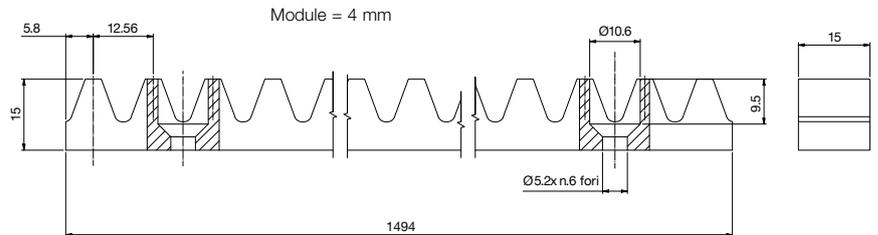
CG-50M

Rack kit M4 - 15 x 15 x 1500
with fixing screws
Kit de crémaillère M4 15 x 15 x 1500 avec vis de fixation
Zahnstange Kit M4 15 x 15 x 1500 mit Befestigungsschrauben
Kit cremallera M4 15 x 15 x 1500 con tornillos de fijación
Комплект зубчатой рейки M4 15 x 15 x 1500 с крепежными винтами



CODE	ART.	Size	Box info	
			Pcs per pack	Kg
11400410 001	CG-50 M	Mini	1	2

Finishing: Galvanized



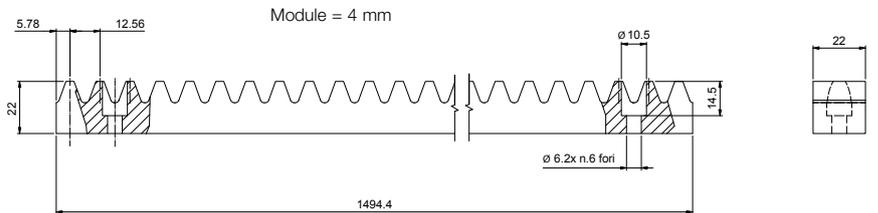
CG-50P

Rack kit M4 22 x 22 x 1500
with fixing screws
Kit de crémaillère M4 22 x 22 x 1500 avec vis de fixation
Zahnstange Kit M4 22 x 22 x 1500 mit Befestigungsschrauben
Kit cremallera M4 22 x 22 x 1500 con tornillos de fijación
Комплект зубчатой рейки M4 22 x 22 x 1500 с крепежными винтами



CODE	ART.	Size	Box info	
			Pcs per pack	Kg
11400411 001	CG-50 P	Piccolo	1	4.6

Finishing: Galvanized



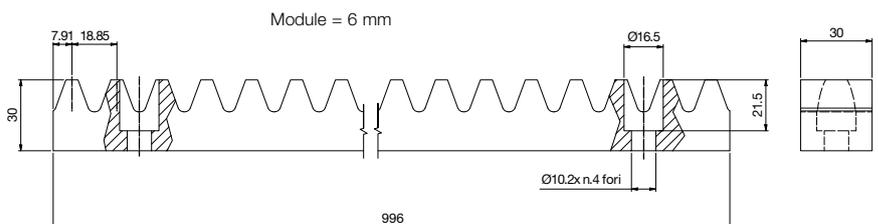
CG-50G

Rack kit M6 - 30 x 30 x 1000
with fixing screws
Kit de crémaillère M6 30 x 30 x 1000 avec vis de fixation
Zahnstange Kit M6 30 x 30 x 1000 mit Befestigungsschrauben
Kit cremallera M6 30 x 30 x 1000 con tornillos de fijación
Комплект зубчатой рейки M6 30 x 30 x 1000 с крепежными винтами



CODE	ART.	Size	Box info	
			Pcs per pack	Kg
11400412 001	CG-50G	Grande	1	5.6

Finishing: Galvanized



Compatible Cantilever Accessories

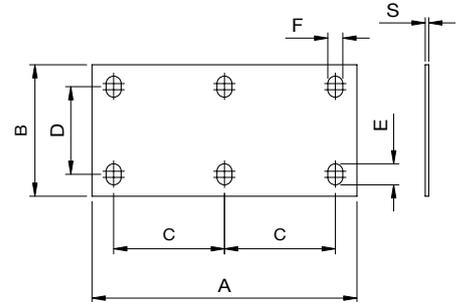
CG-05

Counter plate for carriages-small and large
 Contre-plaque pour chariots - petit e grand
 Gegenplatte für Laufwagen gross und klein
 Contraplaca para carros pequeño y grande
 Контрплита для больших и малых тележек



CODE	ART.	Size	A	B	C	D	E	F	S	Box info	
										Pcs per pack	Kg
10131005 001	CG-05P	Piccolo	300	150	125.5	100	24	17	4	2	2.70
10131010 001	CG-05G	Grande	500	200	220	152	30	21	4	2	6.00

Finishing: Galvanized



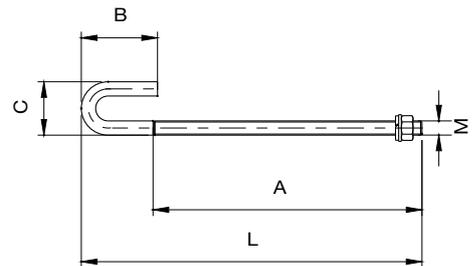
CG-348

Threaded foundation tie rods
 CGS 350 e CGS 350.8
 Tirant fileté pour chariots CGS 350 et CGS 350.8
 Gewindestange für Laufwagen CGS 350 und CGS 350.8
 Anclaje roscado para carros CGS 350 y CGS 350.8
 Резьбовое анкерное крепление для тележек CGS 350 и CGS 350.8



CODE	ART.	Size	A	B	C	L	M	Box info	
								Pcs per pack	Kg
10130505 001	CG-348	M16	300	85	60	380	M16	12	8.40
10130510 001	CG-348	M20	300	85	70	385	M20	12	13.10

Finishing: Galvanized

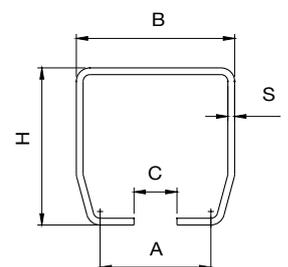


CGS-345

Monorail for cantilever gates
 Rails pour portails autoportants
 Einfachschiene für selbsttragende Tore
 Monocarril para puertas autoportantes
 Моновель для самонесущих ворот



CODE	ART.	Size	Finishing	A	B	C	H	S	L	Box info	
										Pcs per pack	Kg
10207001	CGS-345M	Mini	Raw	48	68	23	68	3.5	3000	1	18.25
10207002	CGS-345M	Mini	Raw	48	68	23	68	3.5	6000	1	36.50
10207005	CGS-345P	Piccolo	Raw	66.5	100	33	89	5	3000	1	35
10207007	CGS-345P	Piccolo	Raw	66.5	100	33	89	5	6000	1	70
10207020	CGS-345G	Grande	Raw	98	140	38	140	6	3000	1	67
10207022	CGS-345G	Grande	Raw	98	140	38	140	6	6000	1	134
10207001 001	CGS-345M	Mini	Zinc	48	68	23	68	3.5	3000	1	18.25
10207002 001	CGS-345M	Mini	Zinc	48	68	23	68	3.5	6000	1	36.50
10207005 001	CGS-345P	Piccolo	Zinc	66.5	100	33	89	5	3000	1	35
10207007 001	CGS-345P	Piccolo	Zinc	66.5	100	33	89	5	6000	1	70
10207020 001	CGS-345G	Grande	Zinc	98	140	38	140	6	3000	1	67
10207022 001	CGS-345G	Grande	Zinc	98	140	38	140	6	6000	1	134



Compatible Cantilever Accessories

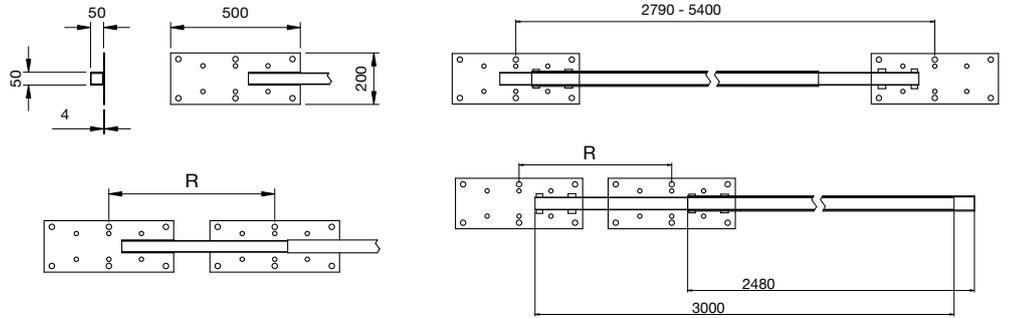
CG-10

Alignment tie rods template and fixture of the carriages
 Calibre d'alignement des tirants et fixation chariots
 Lehre für die Aufreihung der Gewindestangen und für die Laufwagenbefestigung
 Plantilla de alineación anclajes y fijación carros
 Шаблон выравнивания с анкерным креплением и креплением для тележек



CODE	ART.	R	Box info	
			Pcs per pack	Kg
10131100 001	CG-10	500 ± 5400	1	20.00

Finishing: Galvanized



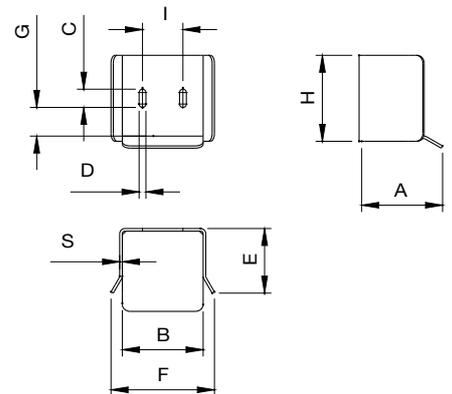
CGS-346

Bottom end cup to be fixed
 Butée inférieure à fixer
 Unterauflageschuh zum Aufschrauben
 Encuentro inferior para fijar
 Прикрепляемый нижний упор



CODE	ART.	A	B	C	D	E	F	G	H	I	S	Box info	
												Pcs per pack	Kg
10705501 001	CGS-346M	104	78	25	9	75	114	25	91	38	4	2	2.30
10705505 001	CGS-346P	119	112	30	11	84	154	33	112	50	4	2	3.60
10705510 001	CGS-346G	159	154	35	13	120	197	55	165	77	5	2	7.60

Finishing: Galvanized



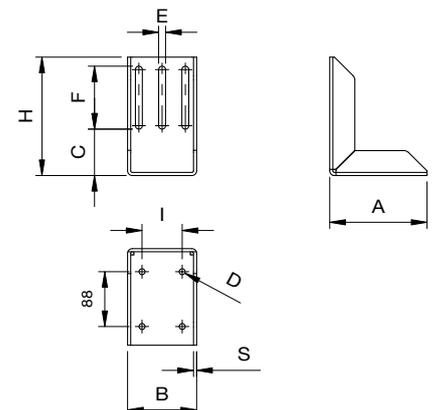
CG-15

Adjustable wall mounting angle racket for end cup
 Platine angulaire réglable fixation au mur pour butée
 Verstellbare Eckmuerhalterung für Auflageschuh
 Placa angular regulable fijación a la pared para encuentro
 Угловой регулируемый кронштейн крепления к стене для упора



CODE	ART.	A	B	C	D	E	F	H	I	S	Box info	
											Pcs per pack	Kg
10708001 001	CG-15M	155	110	65	∅ 9.5	9	78	165	64	5	1	2.60
10708005 001	CG-15P	155	110	80	∅ 9.5	11	90	190	64	5	1	2.90
10708010 001	CG-15G	155	120	82	∅ 13	13	117	220	70	5	1	3.30

Finishing: Galvanized



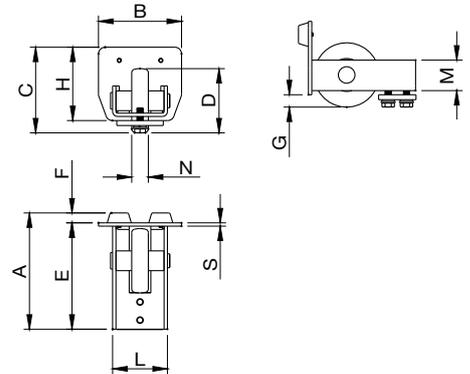
CGS-347

End wheel for monorail
 Galet d'extrémité pour rail
 Endrad für Einfachschiene
 Rueda terminal para monocarril
 Концевое колесо монорельса



CODE	ART.	A	B	C	D	E	F	G	H	L	M	N	S	Box info	
														Pcs per pack	Kg
10705001 001	CGS-347M	135	68	82.5	∅ 68	123	12	14.5	68	45	32	15	4	2	2.00
10705005 001	CGS-347P	141	100	104	∅ 78	129	12	15	89	66	37	20	4	2	3.40
10705010 001	CGS-347G	195	140	155	∅ 98	170	24.5	15	140	95	56	30	5	2	8.30

Finishing: Galvanized



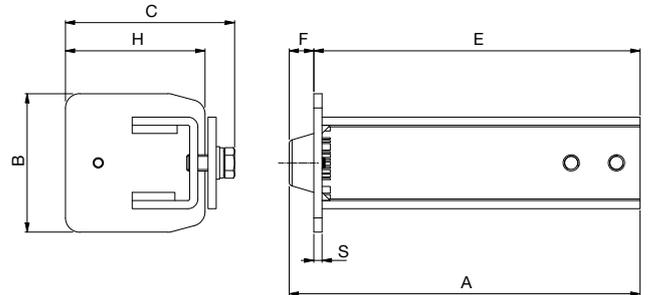
CG-20

End stopper without wheel for monorail
 Embout d'extrémité sans galet pour rail
 Endpfropfen für Einfachschiene ohne Rad
 Terminal sin rueda para monocarril
 Наконечник без колеса для монорельса



CODE	ART.	Size	A	B	C	E	F	H	S	Box info	
										Pcs per pack	Kg
10707101 001	CG-20M	Mini	68	68	78	155	12	68	4	2	1.20
10707105 001	CG-20P	Piccolo	100	100	105	155	12	89	4	2	1.80
10707110 001	CG-20G	Grande	140	140	155	165	24.5	140	5	2	3.90

Finishing: Galvanized



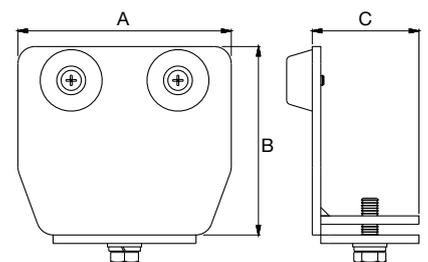
CG-21

End stopper without wheel for monorail
 Embout d'extrémité sans galet pour rail
 Endpfropfen für Einfachschiene ohne Rad
 Terminal sin rueda para monocarril
 Наконечник без колеса для монорельса



CODE	ART.	Size	A	B	C	Box info	
						Pcs per pack	Kg
10707115 001	CG-21M	Mini	68	68	49	4	1.30
10707120 001	CG-21P	Piccolo	100	89	50	4	1.70
10707125 001	CG-21G	Grande	140	140	53	4	4.90

Finishing: Galvanized



INTEGRATOR

Compatible Cantilever Accessories

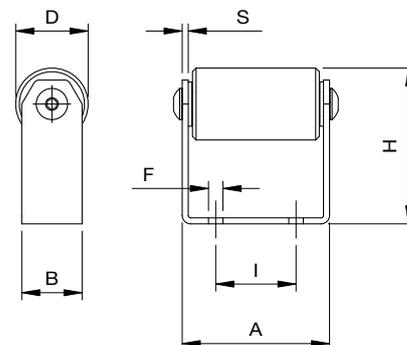
CG-25

Lower end cup with nylon roller
 Butée inférieure avec rouleau en nylon
 Unterauflageschuh mit Nylonrolle
 Encuentro inferior con rodillo de nylon
 Нижний упор с нейлоновый ролик



CODE	ART.	Size	A	B	D	F	H	I	S	Box info	
										Pcs per pack	Kg
10707501 001	CG-25M	Mini	80	40	∅ 50	8.5	115	45	5	2	1.30
10707505 001	CG-25P	Piccolo	122	50	∅ 60	11	130	75	5	2	2.60
10707510 001	CG-25G	Grande	161	60	∅ 80	13	140	90	6	2	5.00

Finishing: Galvanized



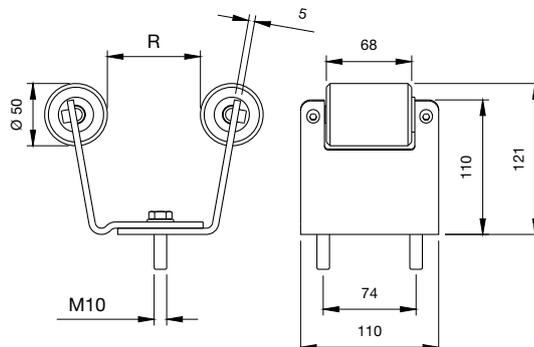
CG-30

Adjustable end cup to be fixed for gates
 Butée réglable à fixer pour portails
 Verstellbarer Auflageschuh zum Aufschrauben für Tore
 Encuentro para puertas regulable para fijar
 Прикрепляемый упор для ворот регулируемый



CODE	ART.	Size	R	Box info	
				Pcs per pack	Kg
10707601 001	CG-30M	Mini	53-76	1	1.50
10707605 001	CG-30P	Piccolo	86-114	1	1.90
10707610 001	CG-30G	Grande	103-150	1	2.30

Finishing: Galvanized



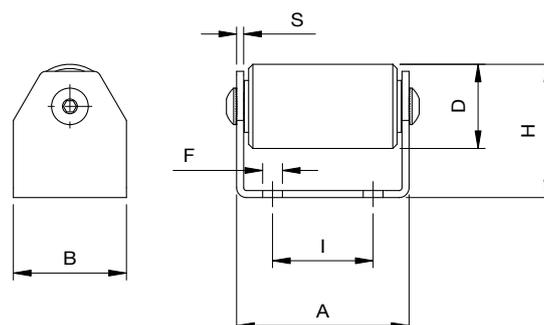
CG-35

Intermediate support with nylon roller
 Support intermédiaire de soutien avec rouleau en nylon
 Mittlerer Stütze für selbsttragende Tore
 Soporte intermedio de sostén con rodillo de nylon
 Промежуточная опора с нейлоновым роликом



CODE	ART.	A	B	D	F	H	I	S	Box info	
									Pcs per pack	Kg
10707705 001	CG-35P	122	80	∅ 60	17	95	70	5	1	1.40
10707710 001	CG-35G	161	100	∅ 80	21	120	90	6	1	3.10

Finishing: Galvanized



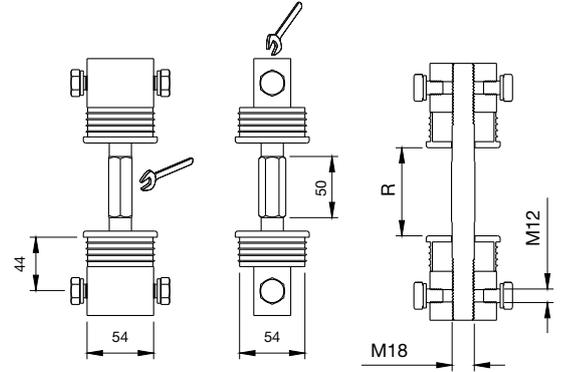
CG-40

Tension bar for gate regulation
 Tirants pour réglage portails
 Ankerbolzen zur Torregulierung
 Tensores de acero galvanizado para regulaciones puertas
 Тяга из оцинкованной стали для регулирования ворот



CODE	ART.	R	19	Box info	
				Pcs per pack	Kg
10131400 001	CG-40	50-100		1	1.30

Finishing: Galvanized



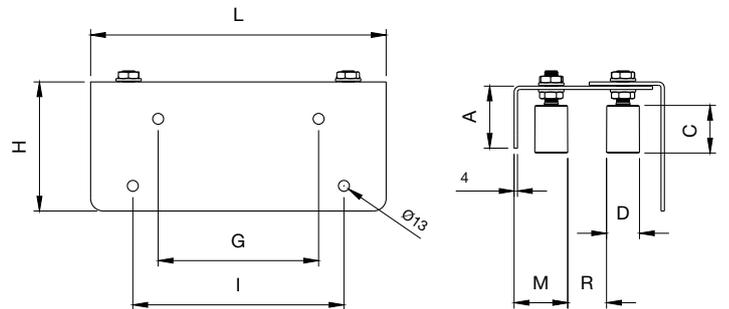
CG-251

Adjustable gate guide plate to be fixed with long wing
 Plaque guide portail réglable à fixer avec aile longue
 Verstellbare Torführungsplatte mit langem Flügel zum Aufschrauben
 Placa de guía de la puerta regulable con ala larga para fijar
 Пластина регулируемая направляющая ворот с длинной прикрепляемой полкой



CODE	ART.	A	C	D	G	H	I	L	M	R	Box info	
											Pcs per pack	Kg
11310005 001	CG-251	74	58	Ø40	190	154	230	350	44-88	70-110	1	6.70

Finishing: Galvanized



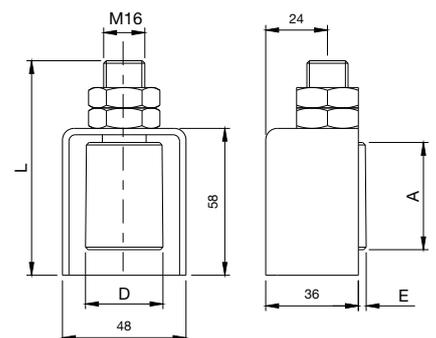
232

Nylon roller with accident prevention
 Rouleau en nylon pour la prévention des accidents
 Nylon-Führungsrolle für die Unfallverhütung
 Rodillo de nylon con protección
 Нейлоновый наконечник с защитой от несчастных случаев



CODE	ART.	A	B	D	I	H	Box info	
							Pcs per pack	Kg
11302210 001	232-30	40	Ø30	3	84	24	20	4.40
11302215 001	232-40	58	Ø39	7.5	98	24	20	5.90

Finishing: Galvanized



Compatible Cantilever Accessories

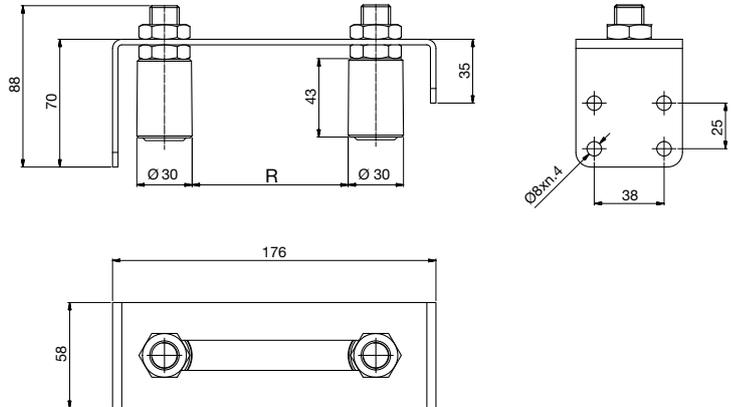
247F

Small drive-gate plate
 Petite platine guide-portail
 Kleiner Führungsbügel
 Placa pequeña de guía de la puerta
 Пластина мининаправляющая ворот



CODE	ART.	R	Box info	
			Pcs per pack	Kg
11305008 001	247 F	0-85	20	9.40

Finishing: Galvanized



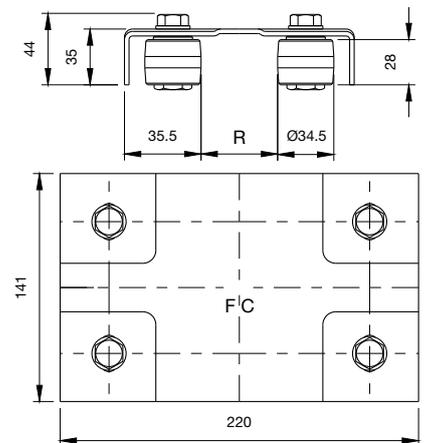
250

Drive-gate adjustable plate
 Platine guide-portail réglable
 Verstellbarer Torführungsbügel
 Placa de guía de la puerta regulable
 Пластина регулируемая направляющая ворот



CODE	ART.	R	Box info	
			Pcs per pack	Kg
11305505 001	250-220	30-60	10	12.5

Finishing: Galvanized



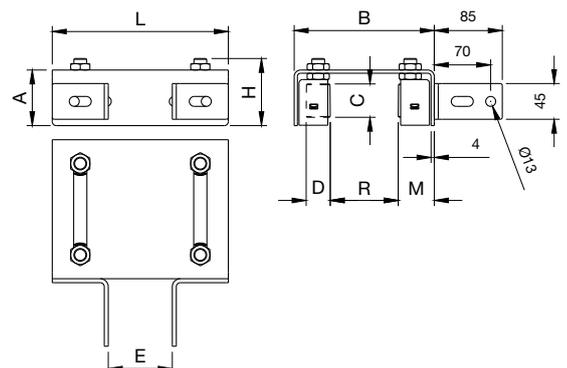
251

Adjustable drive-gate plate with angle-brackets.
 Platine guide-portail réglable avec plaques d'angle
 Verstellbarer Torführungsbügel mit Eckhalterungen
 Placa de guía de la puerta regulable con estribos de fijación
 Пластина регулируемая направляющая ворот с угловыми скобами



CODE	ART.	Size	A	B	C	D	E	H	L	M	R	Box info	
												Pcs per pack	Kg
11305805 001	251-220	Ø30	70	175	40	Ø30	80-120	85	220	45	0-80	4	10.80
11305810 001	251-300	Ø40	80	230	58	Ø40	80-120	102	300	52	0-120	2	7.50

Finishing: Galvanized



252

Double adjustment plate to be screwed for gates with 2 columns

Platine double réglage à visser pour portails avec 2 colonnes

Platte zum Anschrauben mit Doppelverstellung für Tore mit zwei Pfeiler

Placa doble regulación para fijar para puertas con dos columnas

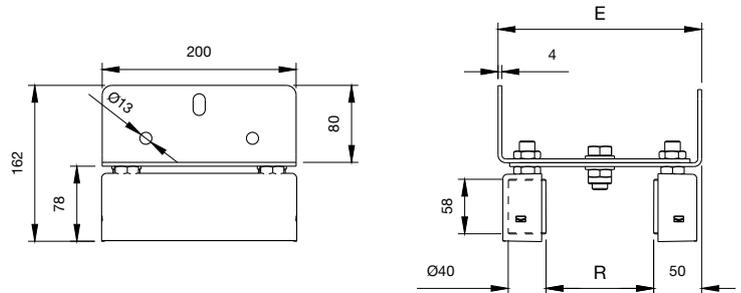
Прикрепляемая пластина с двойным регулированием для ворот с двумя стойками

Прикрепляемая пластина с двойным регулированием для ворот с двумя стойками



CODE	ART.	Size	E	R	Box info	
					Pcs per pack	Kg
11306205 001	252-200	Ø 40	210-360	0-300	1	4.1

Finishing: Galvanized



255

Guiding plate for gates with double adjustment doppia regolazione

Platine guide-portail à double réglage

Torführungsbügel mit Doppelverstellung

Placa de guía de la puerta de doble regulación

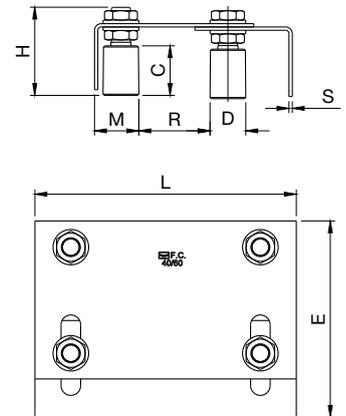
Пластина направляющая ворот с двойным регулированием

Пластина направляющая ворот с двойным регулированием



CODE	ART.	Size	C	D	E	H	L	M	R	S	Box info	
											Pcs per pack	Kg
11306005 001	255-220	Ø30	40	Ø30	135-175	74	220	38	35-62	3	10	22.70
11306010 001	255-350	Ø40	58	Ø39	176-222	98	350	47	62-85	4	5	27.90

Finishing: Galvanized



256

Adjustable guiding plate for gates with long wing to be screwed

Platine guide-portail réglable avec aile longue à visser

Verstellbarer Torführungsbügel mit langem Flügel zum Anschrauben

Placa de guía de la puerta regulable con ala larga para fijar

Пластина регулируемая направляющая ворот с длинной прикрепляемой полкой

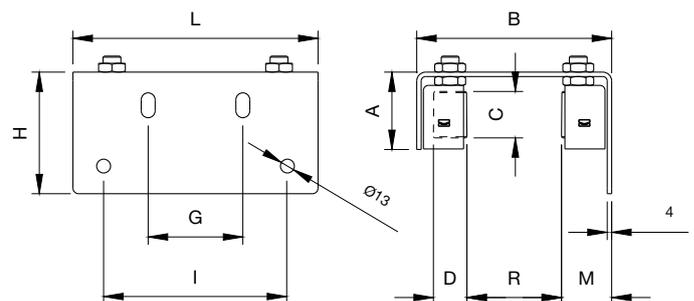
Пластина регулируемая направляющая ворот с длинной прикрепляемой полкой

Пластина регулируемая направляющая ворот с длинной прикрепляемой полкой



CODE	ART.	Size	A	B	C	D	G	H	I	L	M	R	Box info	
													Pcs per pack	Kg
11305910 001	256-300	Ø40	80	230	58	Ø40	150	150	230	300	52	0-120	2	9.10

Finishing: Galvanized



Bullet

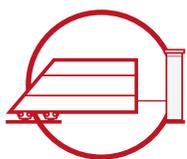
PATENT
PENDING





Taking cantilever gates to new levels of simplicity, these innovative mono carriages are the easiest and fastest to install ever.

 **COMUNELLO****GATE**



The Bullet mono-carriage cantilever system

PATENT
PENDING



Scan and
discover more

End cup



ART.

CG-25M



CG-25P



CG-30M

CG-30P

CG-35P

Bottom end cup



ART.

CGS-346M

CGS-346P

Spacers for rack



ART.

263



264

266

Tracks



ART.

CGS-345M

CGS-345P



CGA-345M

CGA-345P

Racks



ART.

260-22x22

262-30x12



261-26x20



- **EASY AND FAST.** The ease of installing a single mono-carriage insures an extremely rapid operation.
- **ADJUSTABLE.** The mono-carriage is adjustable in length allowing for many different gate size and weight installations.
- **ALIGNEMENT.** The alignment between the wheel units is always perfect without guides or accessories.

Guide plates



ART.
CG-251
252-200
232-30
232-40

Tension bar



ART.
CG-40

Carriages



ART.
CGS-600.18 M
CGA-600.10 M
CGS-600.18 P
CGA-600.10 P

Fixing template



ART.
CG-06M
CG-06P
CG-65

End stopper for monorail



ART.
CGS-347M
CGS-347P
CGA-347M
CGA-347P
CG-20M
CG-20P
CGA-20M
CGA-20P
CG-21M
CG-21P

Wall bracket



ART.
CG-15M
CG-15P

Life made easy

The adjustable, precise, rapid installation mono carriage. Configuration made easy.

CGS-600.18

CGA-600.10 ALUMINIUM

5 nylon wheel carriage head with new generation silent sealed bearings

Space between gate and floor reduced to 75 mm for the MINI versions and 85 mm for the SMALL versions

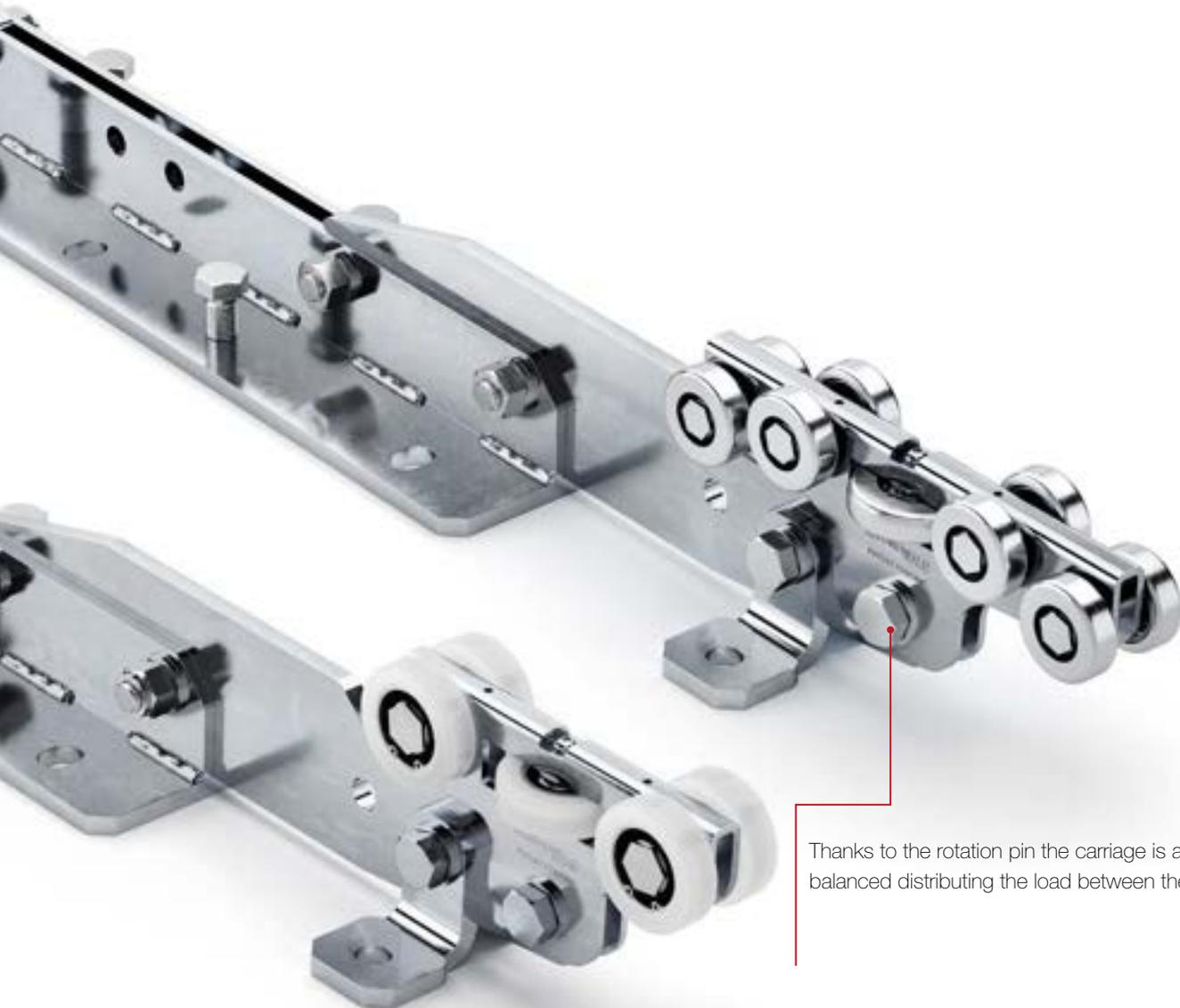


Bullet mono-carriage	H mm
CGS-600.18 M	75
CGS-600.18 P	85
CGA-600.10 M	75
CGA-600.10 P	85

Internationally patented carriage body structure

9 Wheel carriage head with new generation silent sealed bearings

The disalignment between the four center wheels and the four external wheels allows the full load of the gate to be exchanged from the external wheels to the internal wheels when opening and closing

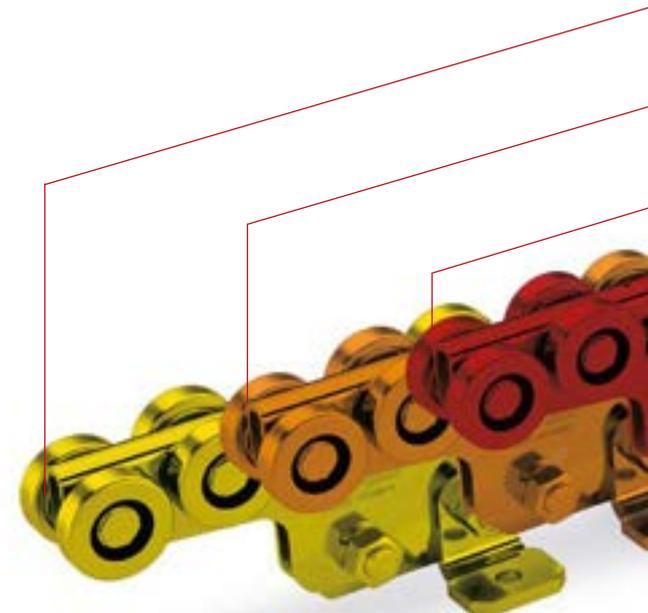
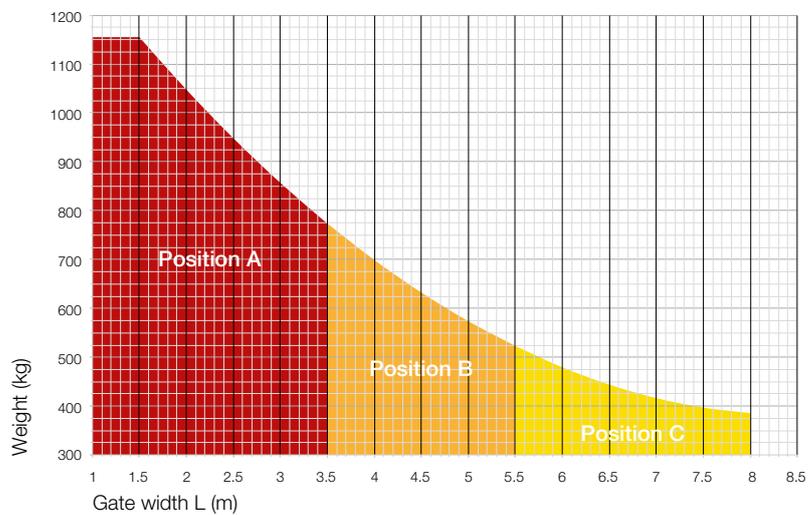
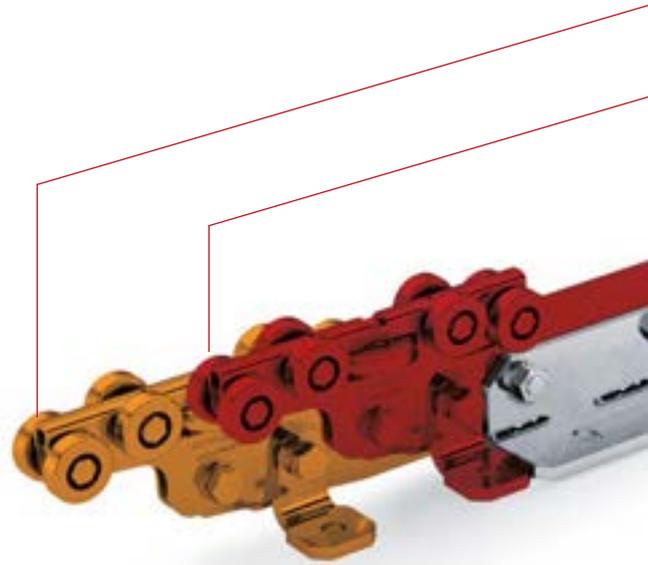
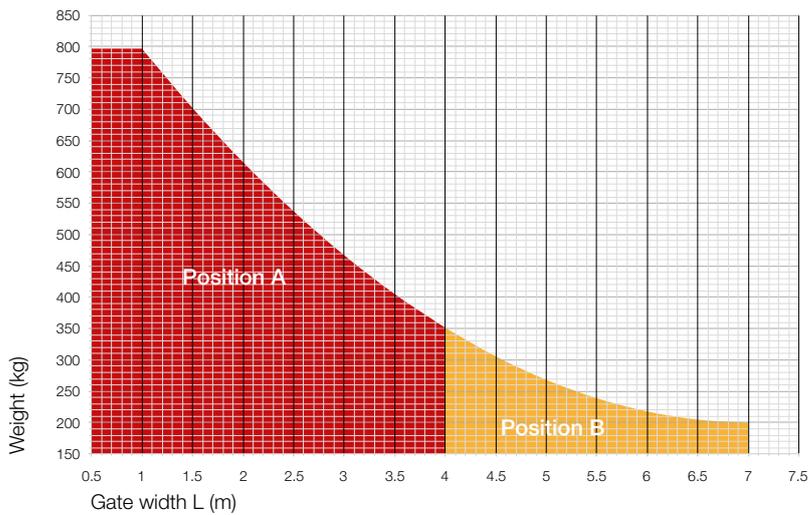


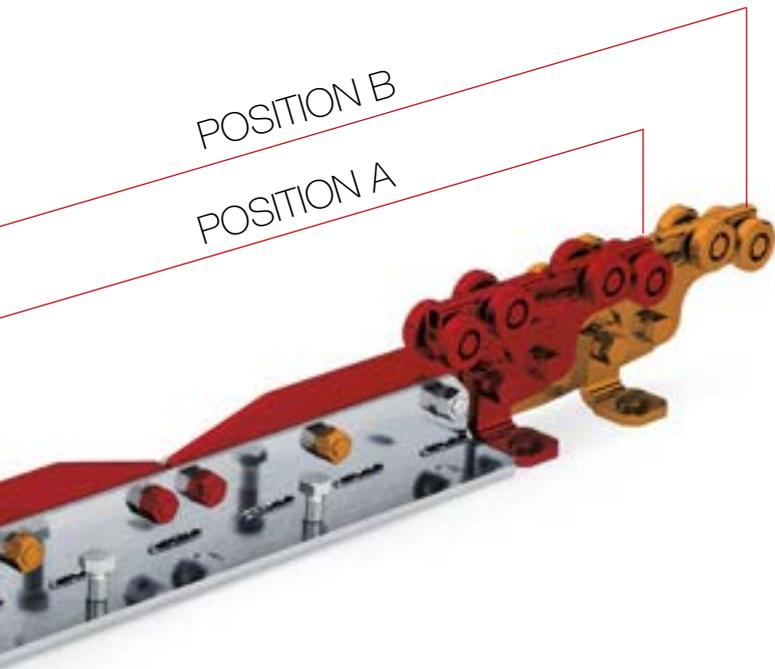
Thanks to the rotation pin the carriage is automatically balanced distributing the load between the wheels

Life made easy

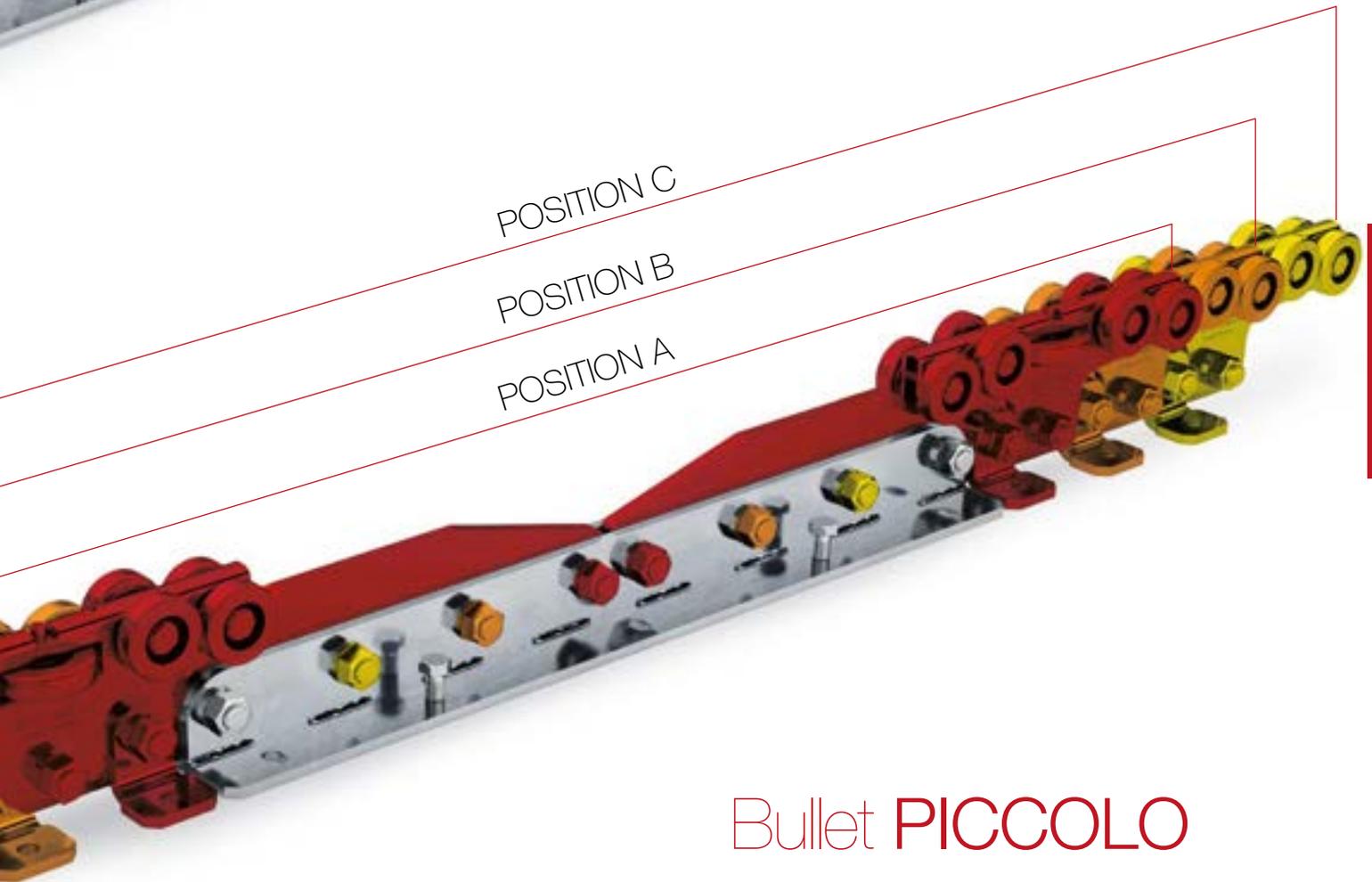
Bullet. Simplified and precise installation

Select the required carriage length and simply position the mono carriage.





Bullet MINI



BULLET

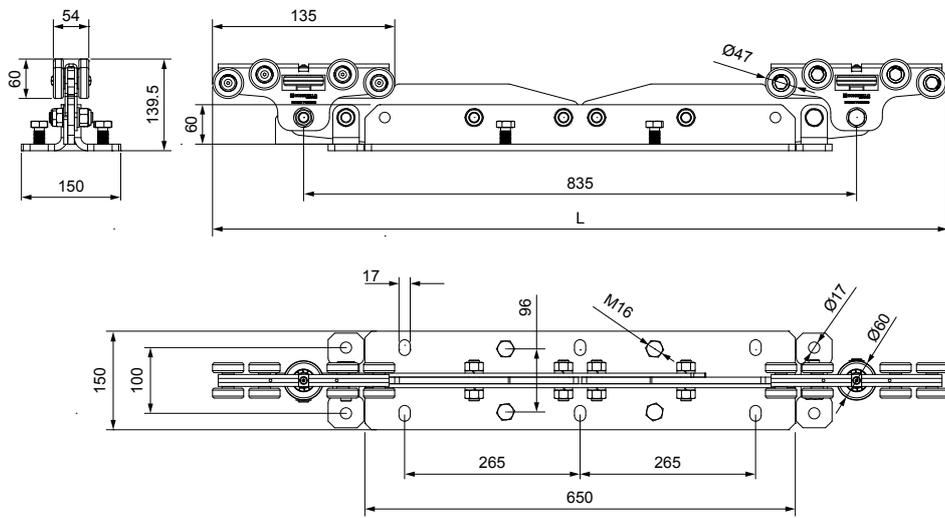
Bullet PICCOLO

Life made easy

Bullet MINI PATENT PENDING

CGS-600.18 M

Adjustable Mini cantilever carriage with 18 wheels, Bullet system
 Chariot autoportant adjustable Mini avec 18 roues, système Bullet
 Einstellbar Mini Laufwagen mit 18 Rädern, Bullet System
 Carro ajustable autoportante Mini con 18 ruedas, sistema Bullet
 Регулируемая 18-ти колесная тележка Mini, система Bullet

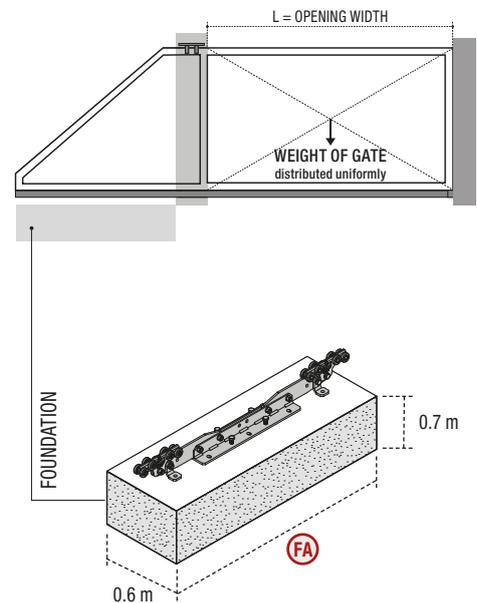


CODE	ART.	Size	L position A	L position B	Box info	
					Pcs per pack	Kg
10130404 001	CGS-600.18 M	Mini	1110	1390	1	29

Minimum dimensions of the reinforced concrete casting

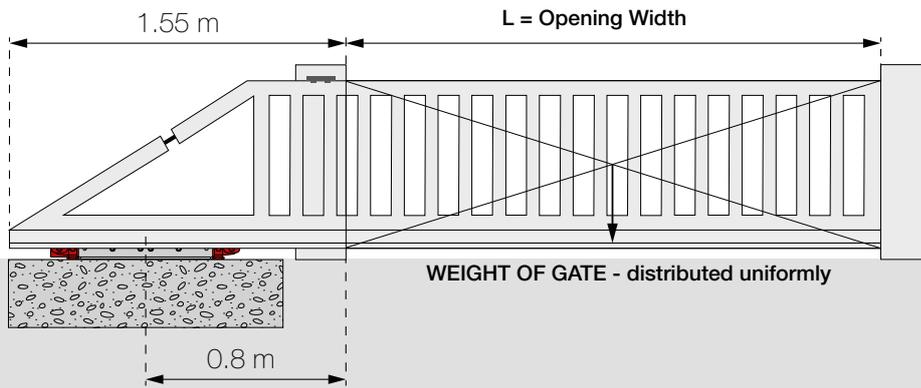
FOUNDATION CALCULATOR

Weight (Kg)	POSITION A			POSITION B		
	L=2 m FA (m)	L=3 m FA (m)	L=4 m FA (m)	L=5 m FA (m)	L=6 m FA (m)	L=7 m FA (m)
100	1.1	1.1	1.1	1.1	1.1	1.2
150	1.1	1.1	1.1	1.2	1.3	1.4
200	1.1	1.1	1.2	1.4	1.5	1.7
250	1.1	1.2	1.4	1.6		
300	1.1	1.3	1.5			
350	1.3	1.5	1.7			
400	1.4	1.7				
450	1.5	1.8				
500	1.7					
550	1.8					
600	2.0					

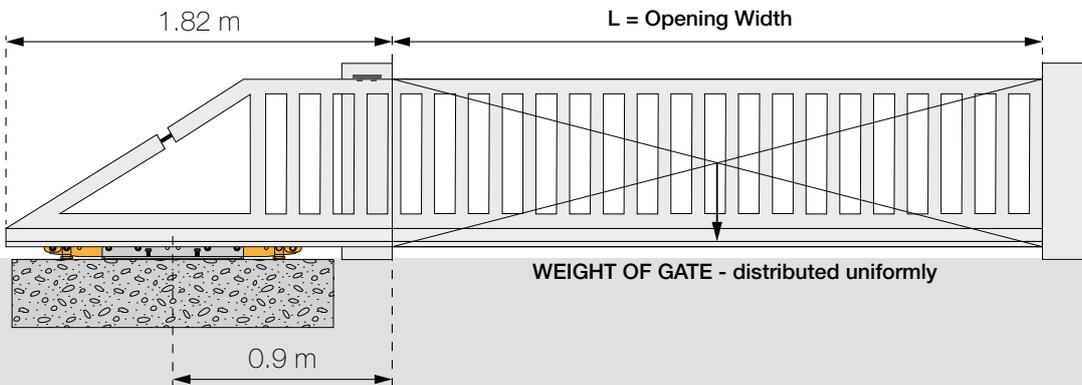




Bullet MINI - Position A



Bullet MINI - Position B



The automation must be installed at the centre of the mono carriage<

BULLET

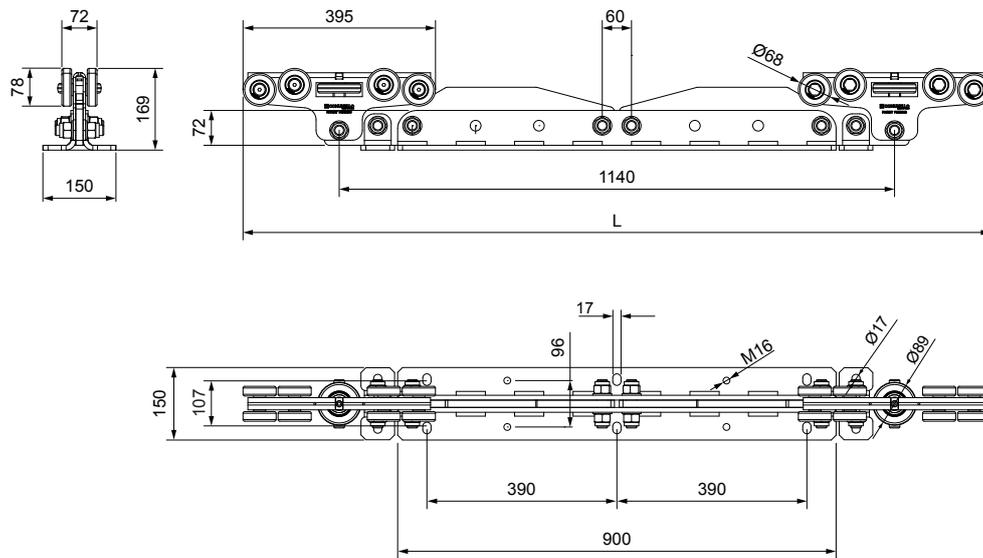
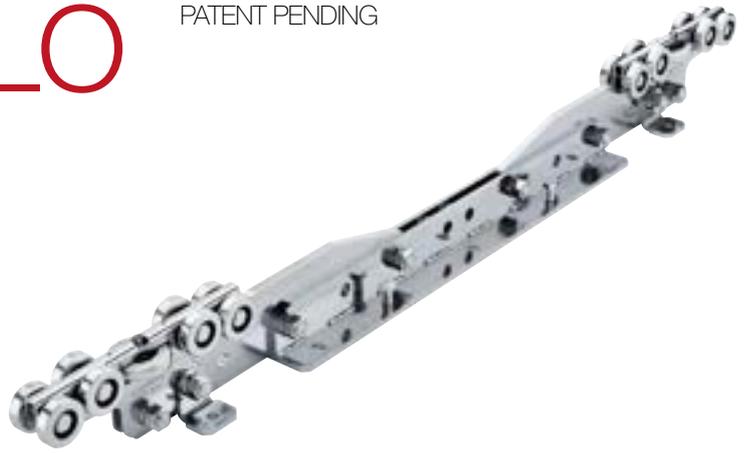
Life made easy

Bullet PICCOLO

PATENT PENDING

CGS-600.18 P

Adjustable Piccolo cantilever carriage with 18 wheels, Bullet system
 Chariot autoportant ajustable Piccolo avec 18 roues, système Bullet
 Einstellbar Piccolo Laufwagen mit 18 Rädern, Bullet System
 Carro ajustable autoportante pequeño con 18 ruedas, sistema Bullet, por puertas en aluminio
 Регулируемая 18-ти колесная тележка Piccolo, система Bullet

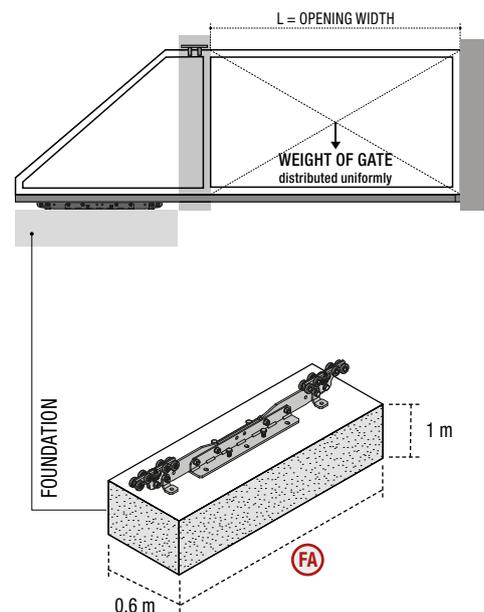


CODE	ART.	Size	L position A	L position B	L position C	Box info	
						Pcs per pack	Kg
10130405 001	CGS-600.18 P	Piccolo	1535	1795	2055	1	54.5

Minimum dimensions of the reinforced concrete casting

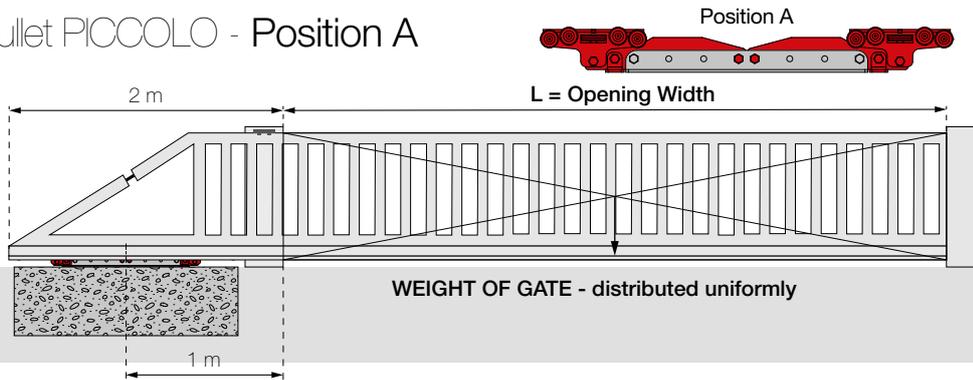
FOUNDATION CALCULATOR

Weight (Kg)	POSITION A		POSITION B			POSITION C		
	L=2 m FA (m)	L=3 m FA (m)	L=4 m FA (m)	L=5 m FA (m)	L=6 m FA (m)	L=7 m FA (m)	L=8 m FA (m)	
100	1.3	1.3	1.3	1.3	1.3	1.3	1.3	
150	1.3	1.3	1.3	1.3	1.3	1.3	1.3	
200	1.3	1.3	1.3	1.3	1.3	1.3	1.5	
250	1.3	1.3	1.3	1.3	1.3	1.5	1.6	
300	1.3	1.3	1.3	1.3	1.5	1.6	1.8	
350	1.3	1.3	1.3	1.4	1.6	1.8	2.0	
400	1.3	1.3	1.4	1.6	1.7	1.9		
450	1.3	1.3	1.5	1.7	1.9			
500	1.3	1.4	1.6	1.8				
550	1.3	1.5	1.7	2.0				
600	1.3	1.6	1.8					
650	1.4	1.7	2.0					
700	1.5	1.8	2.1					
750	1.6	1.9						
800	1.7	2.0						
850	1.8							
900	1.9							
950	2.0							
1000	2.1							
1050	2.3							

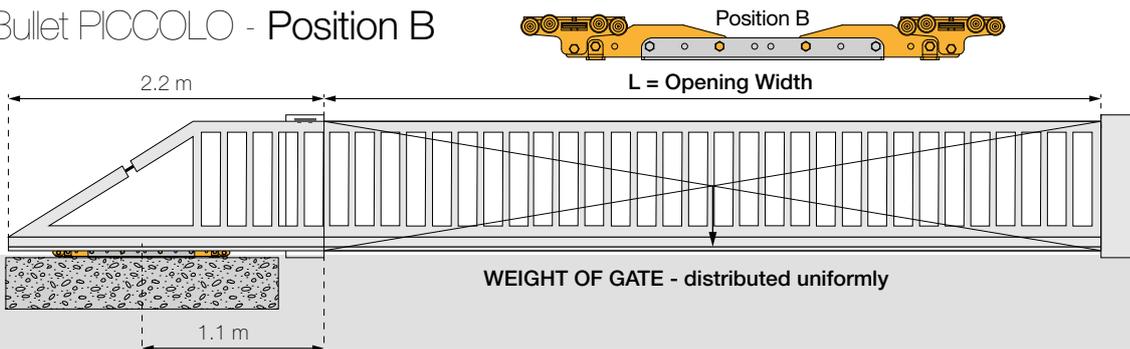




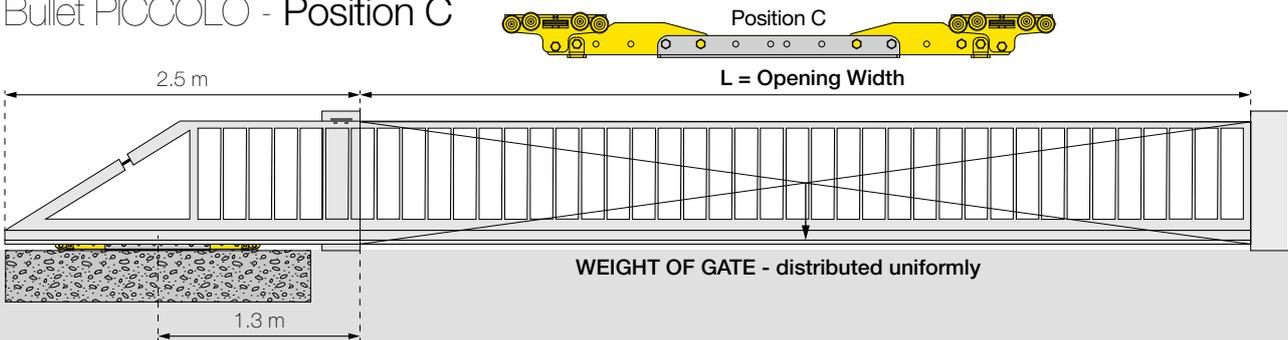
Bullet PICCOLO - Position A



Bullet PICCOLO - Position B



Bullet PICCOLO - Position C



The automation must be installed at the centre of the mono carriage

BULLET

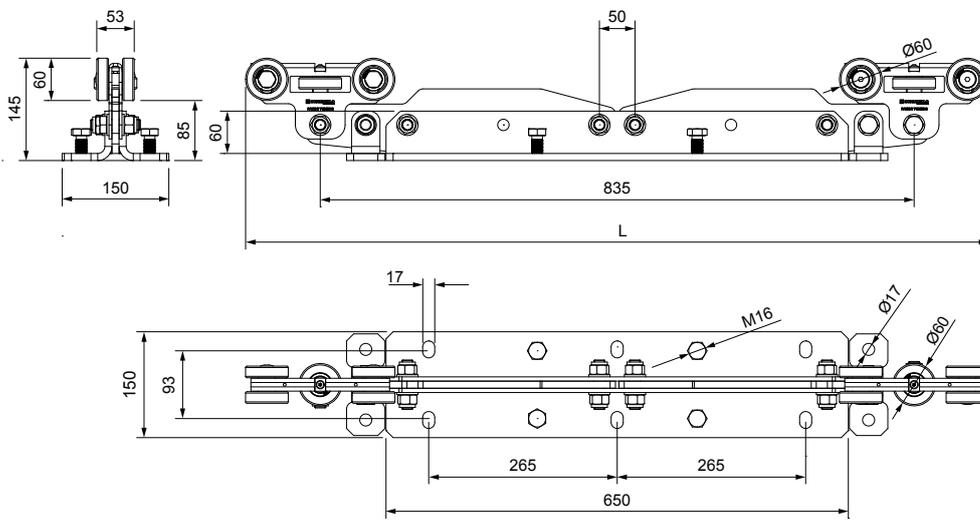
Life made easy

Bullet MINI Aluminium

PATENT PENDING

CGA-600.10 M

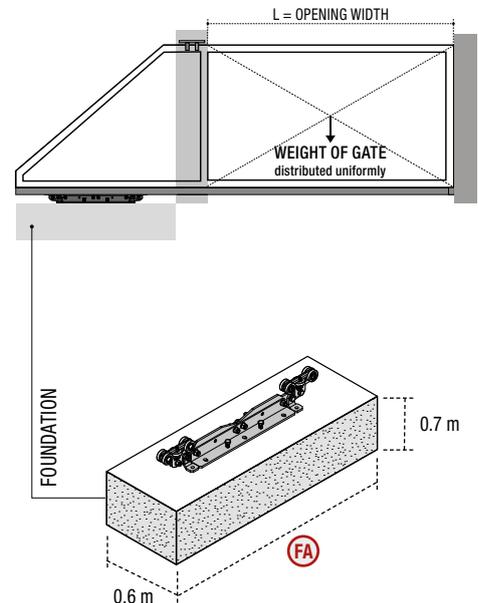
Adjustable Mini cantilever carriage with 10 wheels, Bullet system, for aluminium gate
 Chariot autoportant ajustable Mini avec 10 roues, système Bullet, pour portail en aluminium
 Einstellbar Mini Laufwagen mit 10 Rädern, Bullet System für die Aluminium Serie
 Carro ajustable autoportante Mini con 10 ruedas, sistema Bullet, por puertas en aluminio
 Регулируемая тележка Bullet Mini с 10 колесами для люминиевой серии

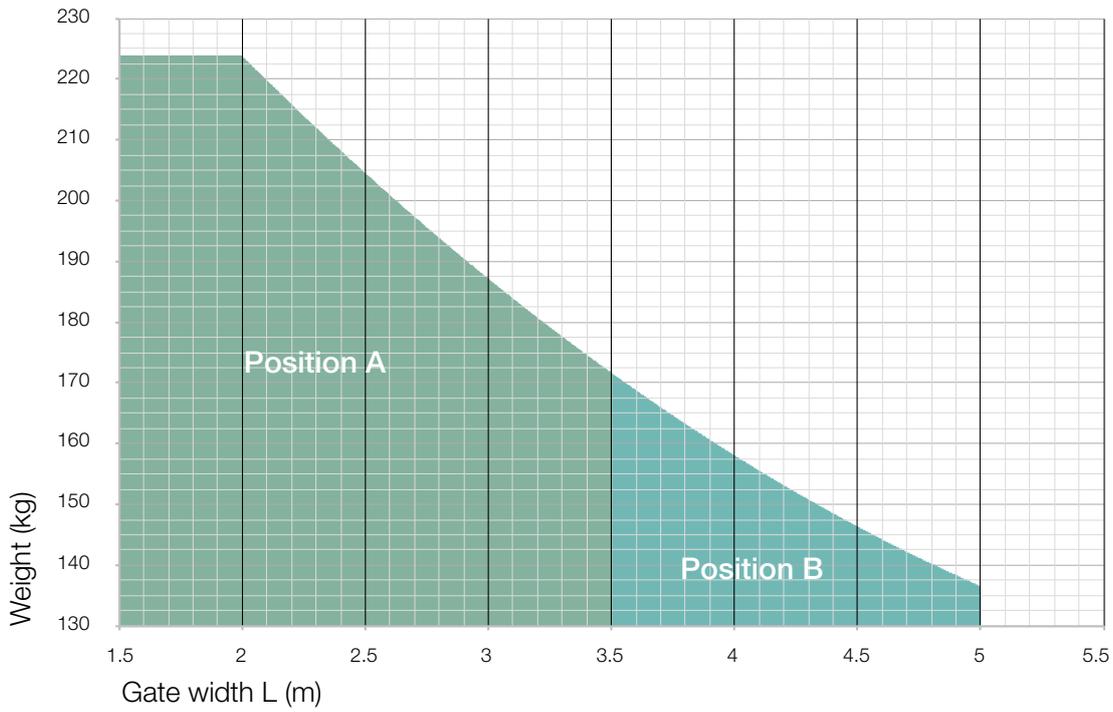


CODE	ART.	Size	L position A	L position B	Box info	
					Pcs per pack	Kg
10130406 001	CGA-600.10 M	Mini	1045	1315	1	27

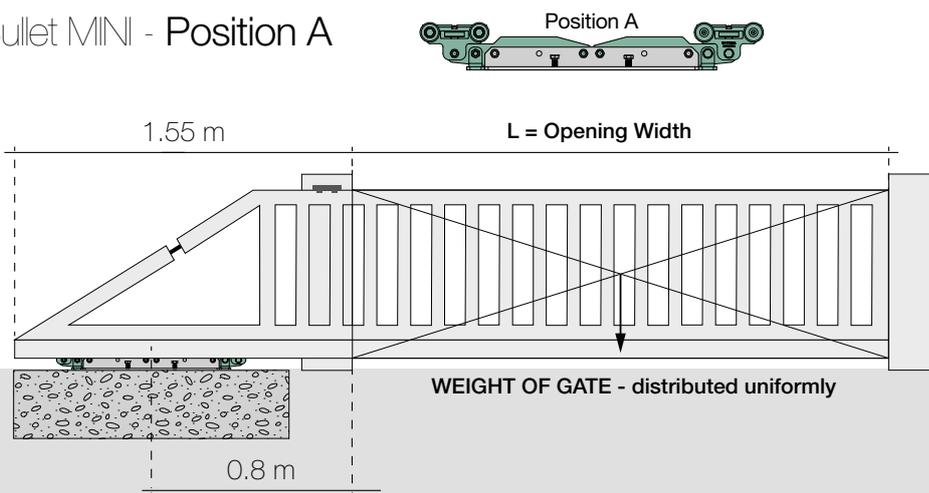
Minimum dimensions of the reinforced concrete casting

	POSITION A				POSITION B		
	L=2 m	L=2.5 m	L=3 m	L=3.5 m	L=4 m	L=4.5 m	L=5 m
Weight (Kg)	FA (m)	FA (m)	FA (m)	FA (m)	FA (m)	FA (m)	FA (m)
100	1.1	1.1	1.1	1.1	1.1	1.1	1.1
125	1.1	1.1	1.1	1.1	1.1	1.2	1.2
150	1.1	1.1	1.1	1.1	1.1	1.2	
175	1.1	1.1	1.1	1.2			
200	1.1	1.1					
225	1.1						

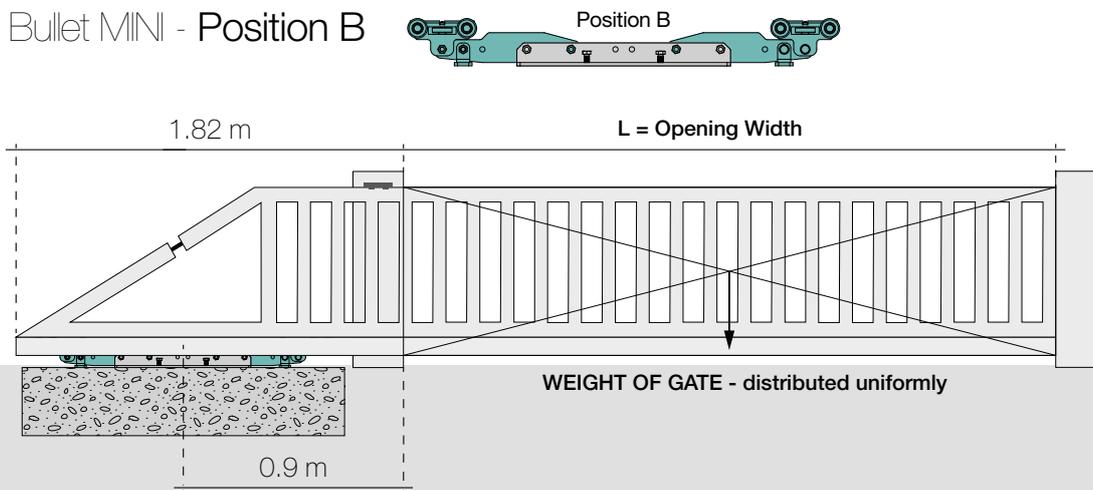




Bullet MINI - Position A



Bullet MINI - Position B



The automation must be installed at the centre of the mono carriage

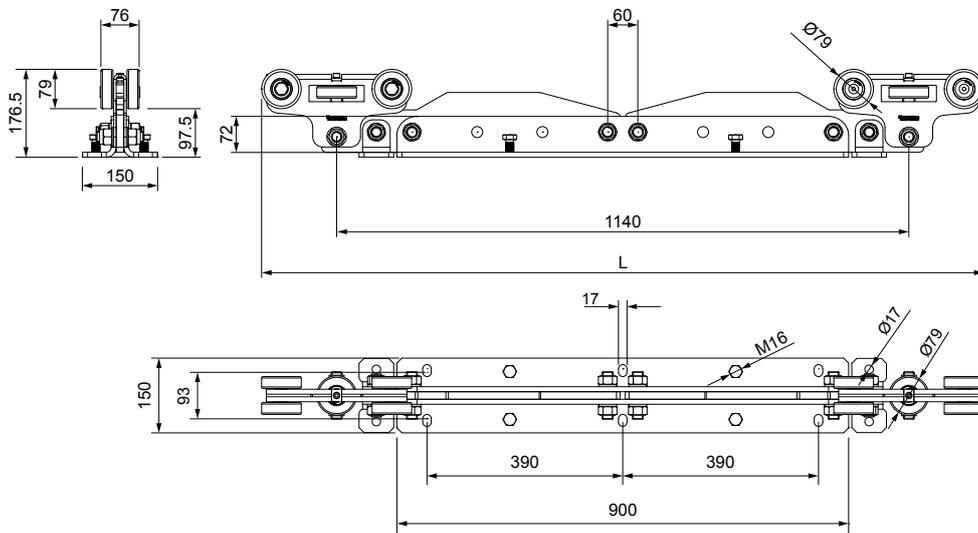
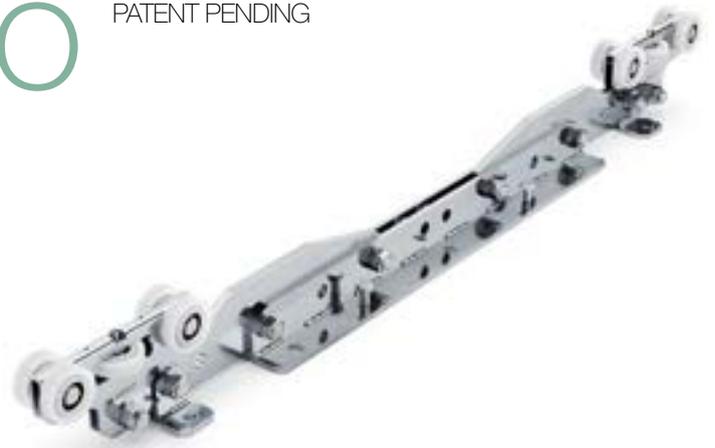
Life made easy

Bullet PICCOLO Aluminium

PATENT PENDING

CGA-600.10 P

Adjustable Piccolo cantilever carriage with 10 wheels, Bullet system, for aluminium gate
 Chariot autoportant ajustable Piccolo avec 10 roues, système Bullet, pour portail en aluminium
 Einstellbar Piccolo Laufwagen mit 10 Rädern, Bullet System für die Aluminium Serie
 Carro ajustable autoportante pequeño con 10 ruedas, sistema Bullet, por puertas en aluminio
 Регулируемая тележка Bullet Piccolo с 10 колесами для люминиевой серии

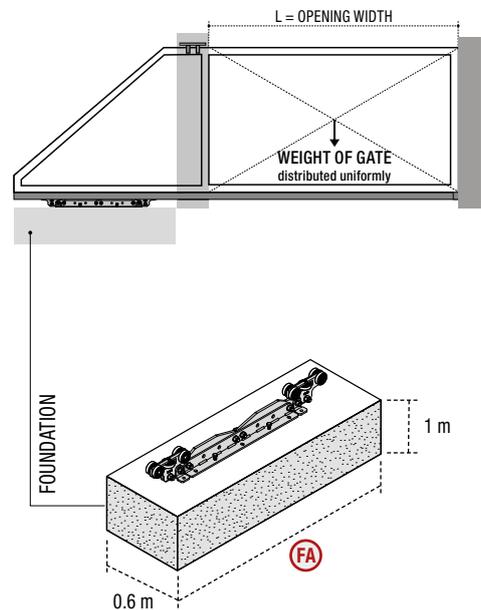


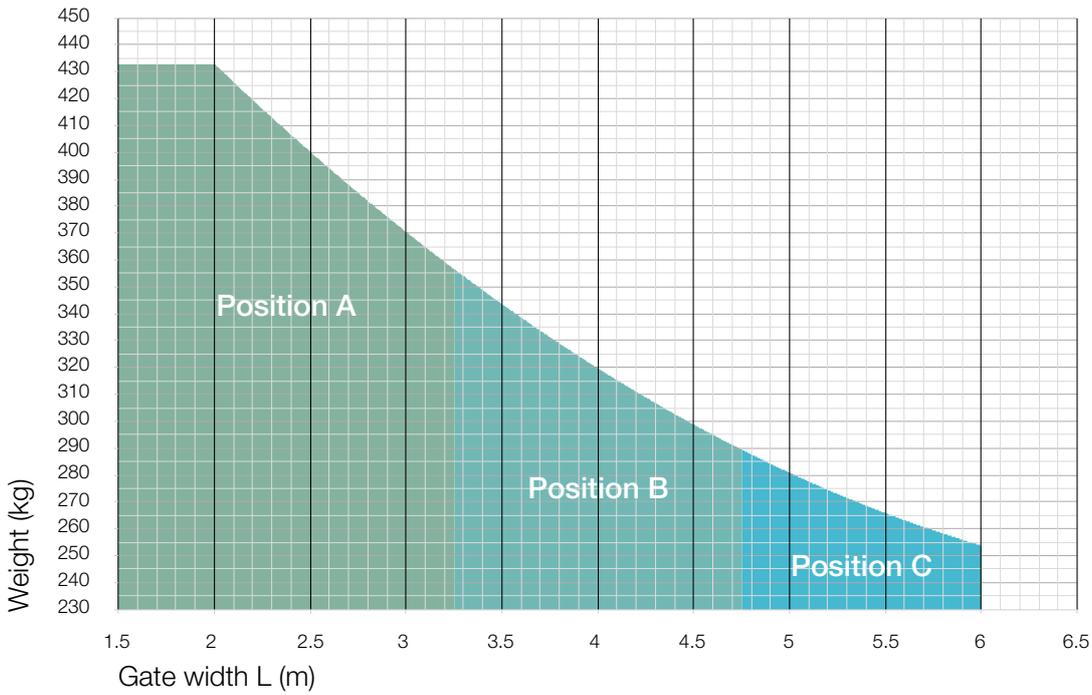
CODE	ART.	Size	L position A	L position B	L position C	Box info	
						Pcs per pack	Kg
10130407 001	CGA-600.10 P	Piccolo	1439	1699	1959	1	49

Minimum dimensions of the reinforced concrete casting

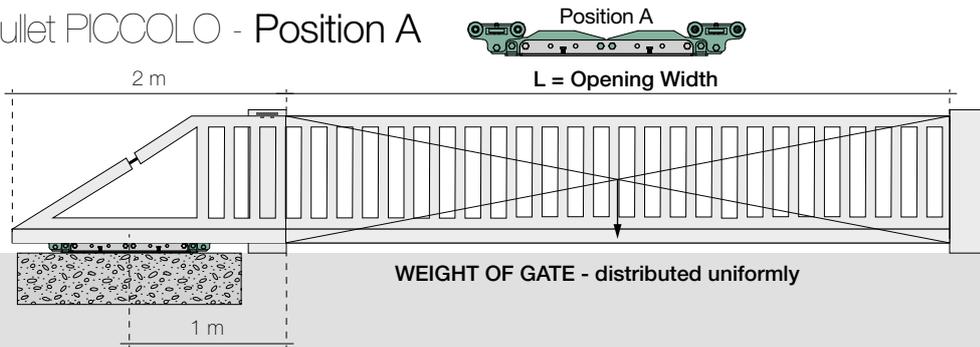
FOUNDATION CALCULATOR

	POSITION A			POSITION B			POSITION C		
	L=2 m	L=2.5 m	L=3 m	L=3.5 m	L=4 m	L=4.5 m	L=5 m	L=5.5 m	L=6 m
Weight (Kg)	FA (m)	FA (m)	FA (m)	FA (m)	FA (m)	FA (m)	FA (m)	FA (m)	FA (m)
100	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
125	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
150	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
175	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
200	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
225	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
250	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
275	1.3	1.3	1.3	1.3	1.3	1.3	1.3		
300	1.3	1.3	1.3	1.3	1.3				
325	1.3	1.3	1.3	1.3					
350	1.3	1.3	1.3						
375	1.3	1.3							
400	1.3	1.3							
425	1.3								

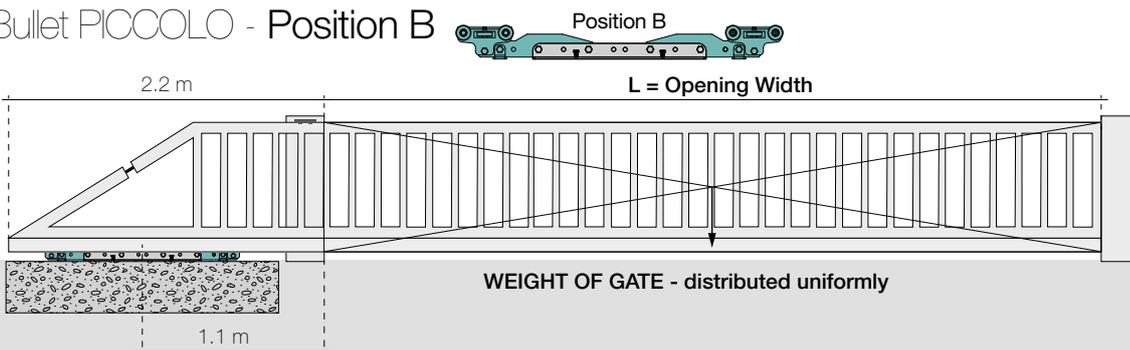




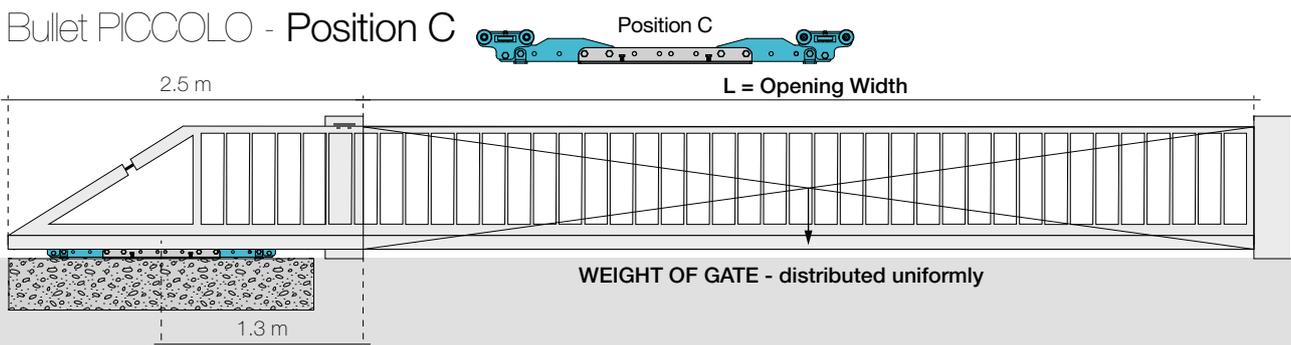
Bullet PICCOLO - Position A



Bullet PICCOLO - Position B



Bullet PICCOLO - Position C



The automation must be installed at the centre of the mono carriage

Compatible Cantilever Accessories

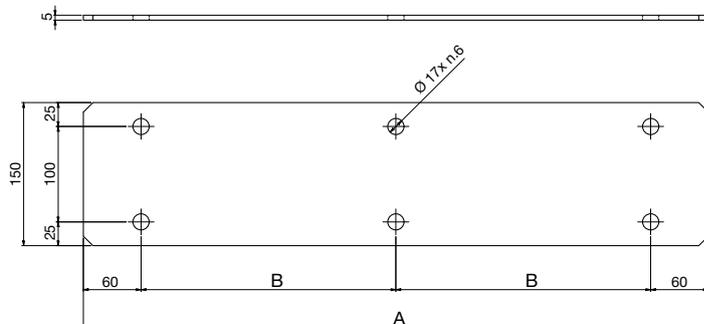
CG-06

Fixing plate for carriage, Bullet system
 Plaque de fixation pour chariot, système Bullet
 Klemmplatte für Laufwagen, Bullet System
 Placa de fijación a cementar para carro, sistema Bullet
 Контрплита для тележек, система Bullet



CODE	ART.	Size	A	B	Box info	
					Pcs per pack	Kg
10131015 001	CG-06 M	Mini	650	265	1	3.8
10131020 001	CG-06 P	Piccolo	900	390	1	5.2

Finishing: Galvanized



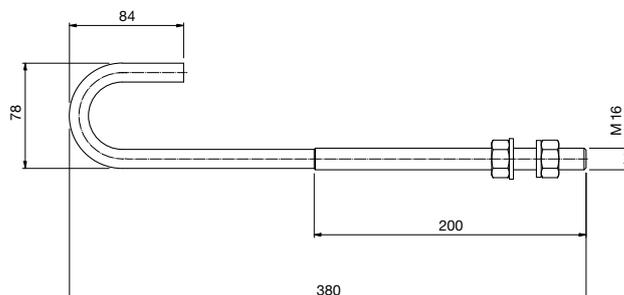
CG-65

Threaded tie rods for Mini and Piccolo carriages, Bullet system
 Tirants filetés pour chariots Mini et Piccolo, système Bullet
 Gewindestange für Mini und Piccolo Laufwagen, Bullet System
 Anclajes roscados por carros Mini y Piccolo, sistema Bullet
 Резьбовое анкерное крепление для тележек Mini и Piccolo, система Bullet



CODE	ART.	Size	Box info	
			Pcs per pack	Kg
10130515 001	CG-65	M&P	6	0.75

Finishing: Galvanized



Bullet Compatible Aluminium Accessories

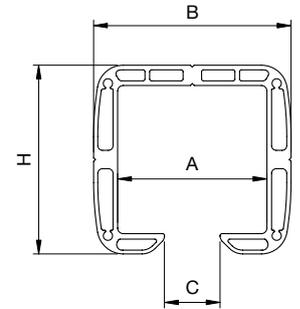
CGA-345

Monorail in extruded aluminium for cantilever gates
 Rail en aluminium extrudé pour portails autoportants
 Einfachschiene aus fließgepresstem
 Aluminium für selbsttragende Tore
 Monocarril de aluminio extruido para puertas autoportantes
 Монорельс из экструдированного
 алюминия для самонесущих ворот



CODE	ART.	Size	Finishing	A	B	C	H	L	Box info	
									Pcs per pack	Kg
10208001	CGA-345M	Mini	Raw	61	83	23	79	3000	1	12.00
10208003	CGA-345M	Mini	Raw	61	83	23	79	6000	1	24.00
10208005	CGA-345P	Piccolo	Raw	80.5	106.5	30	102.5	3000	1	16.00
10208007	CGA-345P	Piccolo	Raw	80.5	106.5	30	102.5	6000	1	32.00

Finishing: Aluminium



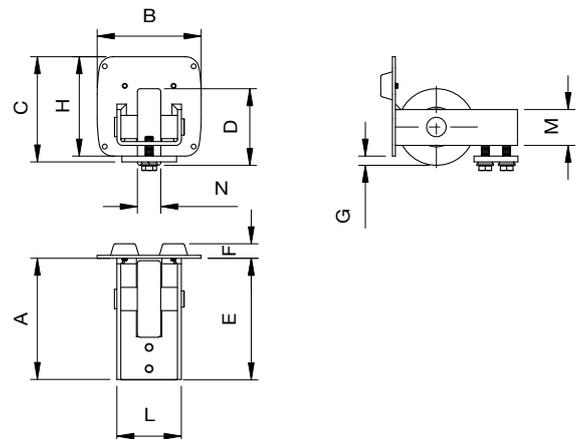
CGA-347

Nylon end wheel for aluminium monorail
 Galet d'extrémité en nylon pour rail en aluminium
 Nylon-Endrolle für Einfachschiene aus Aluminium
 Rueda terminal de nylon para monocarril de aluminio
 Концевое колесо из нейлона для
 алюминиевого монорельса



CODE	ART.	Size	A	B	C	D	E	F	G	H	L	M	N	Box info	
														Pcs per pack	Kg
10705200 001	CGA-347M	Mini	119	83	83	∅ 66	119	16	7	79	45	32	15	2	2.10
10705205 001	CGA-347P	Piccolo	140	106.5	118	∅ 79	125	15	9.6	102.5	66	37	26	2	3.4

Finishing: Aluminium



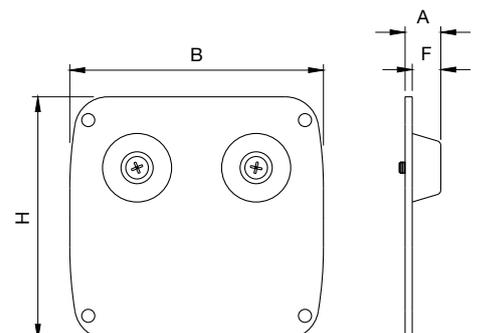
CGA-20

End stopper for aluminium monorail
 Embout d'extrémité pour rail en aluminium
 Endpfropfen für Einfachschiene aus Aluminium
 Terminal para monocarril de aluminio
 Наконечник для алюминиевого монорельса



CODE	ART.	Size	A	B	F	H	Box info	
							Pcs per pack	Kg
10707001 001	CGA-20M	Mini	16	83	12	79	2	0.44
10707005 001	CGA-20P	Piccolo	15	106.5	12	102.5	2	0.60

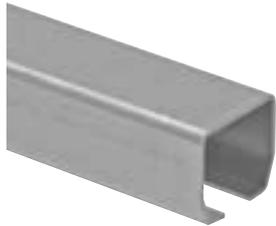
Finishing: Aluminium



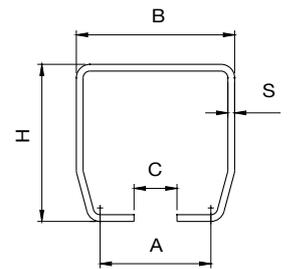
Compatible Cantilever Accessories

CGS-345

Monorail for cantilever gates
 Rails pour portails autoportants
 Einfachschiene für selbsttragende Tore
 Monocarril para puertas autoportantes
 Монорельс для самонесущих ворот



CODE	ART.	Size	Finishing	A	B	C	H	S	L	Box info	
										Pcs per pack	Kg
10207001	CGS-345M	Mini	Raw	48	68	23	68	3.5	3000	1	18,25
10207002	CGS-345M	Mini	Raw	48	68	23	68	3.5	6000	1	36,50
10207005	CGS-345P	Piccolo	Raw	66.5	100	33	89	5	3000	1	35,00
10207007	CGS-345P	Piccolo	Raw	66.5	100	33	89	5	6000	1	70,00
10207001 001	CGS-345M	Mini	Zinc	48	68	23	68	3.5	3000	1	18,25
10207002 001	CGS-345M	Mini	Zinc	48	68	23	68	3.5	6000	1	36,50
10207005 001	CGS-345P	Piccolo	Zinc	66.5	100	33	89	5	3000	1	35,00
10207007 001	CGS-345P	Piccolo	Zinc	66.5	100	33	89	5	6000	1	70,00



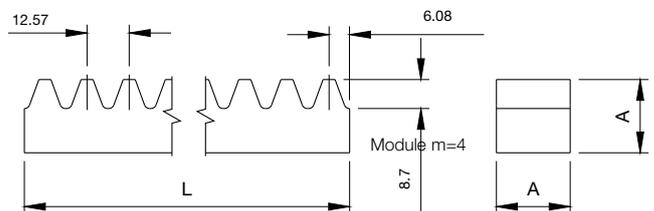
260

Square rack
 Crémaillère carrée
 Viereckige Zahnstange
 Cremallera cuadrada
 Зубчатая рейка квадратная



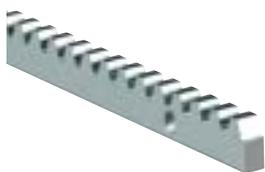
CODE	ART.	Size	A	L	Box info	
					Pcs per pack	Kg
11400505 001	260-22x22	L=1000	22	1000	1	3,10

Finishing: Galvanized



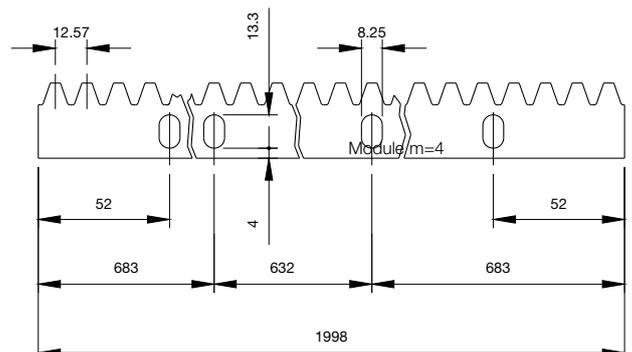
262

Rectangular rack 30x12 with holes
 Crémaillère rectangulaire 30x12 avec trous
 Rechteckige Zahnstange 30x12 mit Bohrungen
 Cremallera Rectangular 30x12 con agujeros
 Зубчатая рейка прямоугольная 30x12 с отверстиями



CODE	ART.	Size	L	Box info	
				Pcs per pack	Kg
11401005 001	262-30x12	L=1000	1000	1	2,40

Finishing: Galvanized



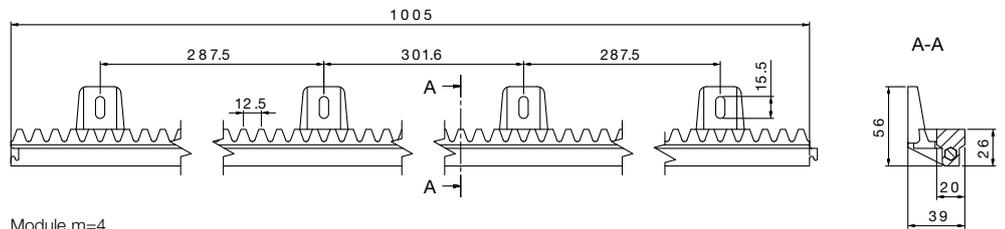
261

Nylon-rack with steel body
 Crémaillère en nylon avec corps en acier
 Nylon-Zahnstange mit Stahlkörper
 Cremallera de nylon y cuerpo de acero
 Зубчатая рейка из нейлона и корпус из нержавеющей стали



CODE	ART.	Size	Box info	
			Pcs per pack	Kg
11400102	261-26x20	L=1000	1	1.10

Finishing: Galvanized



Module m=4

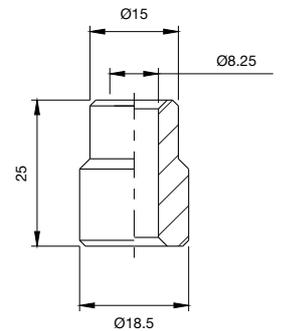
264

Support for rectangular rack to be welded
 Attache entretoise pour crémaillère rectangulaire
 Distanzstück für rechteckige Zahnstange zum Schweißen
 Fijación para soldar para cremallera rectangular
 Привариваемое соединение для прямоугольной зубчатой рейки



CODE	ART.	Box info	
		Pcs per pack	Kg
11401505 001	264	30	1.50

Finishing: Galvanized



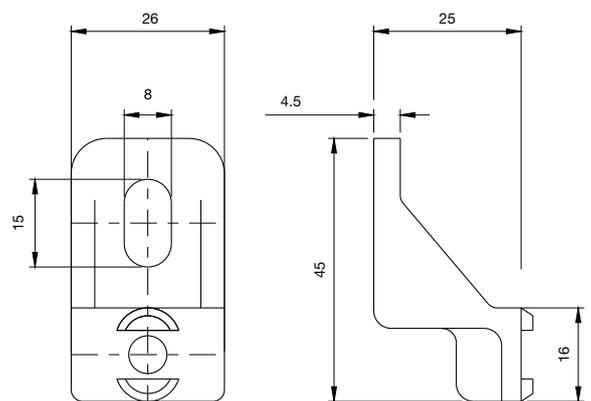
266

Alloy support for rectangular rack
 Attache entretoise en zamak pour crémaillère rectangulaire
 Zamak-Distanzstück für rechteckige Zahnstange
 Fijación de zamak para cremallera rectangular
 Соединение из сплава зама для прямоугольной зубчатой рейки



CODE	ART.	Box info	
		Pcs per pack	Kg
11402505 001	266	30	2.10

Finishing: Galvanized



BULLET

Compatible Cantilever Accessories

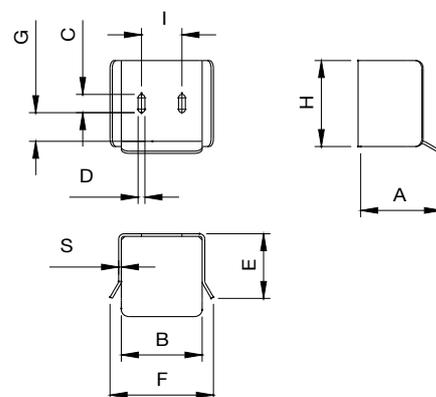
CGS-346

Bottom end cup to be fixed
 Butée inférieure à fixer
 Unterauflageschuh zum Aufschrauben
 Encuentro inferior para fijar
 Прикрепляемый нижний упор



CODE	ART.	Size	A	B	C	D	E	F	G	H	I	S	Box info	
													Pcs per pack	Kg
10705501 001	CGS-346M	Mini	104	78	25	9	75	114	25	91	38	4	2	2.3
10705505 001	CGS-346P	Piccolo	119	112	30	11	84	154	33	112	50	4	2	3.6

Finishing: Galvanized



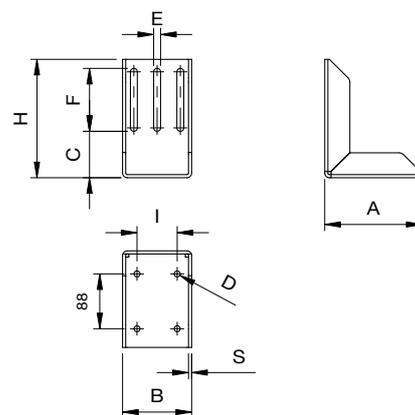
CG-15

Adjustable wall mounting angle racket for end cup
 Platine angulaire réglable fixation au mur pour butée
 Verstellbare Eckmuerhalterung für Auflageschuh
 Placa angular regulable fijación a la pared para encuentro
 Угловой регулируемый кронштейн крепления к стене для упора



CODE	ART.	A	B	C	D	E	F	H	I	S	Box info	
											Pcs per pack	Kg
10708001 001	CG-15M	155	110	65	∅ 9.5	9	78	165	64	5	1	2.60
10708005 001	CG-15P	155	110	80	∅ 9.5	11	90	190	64	5	1	2.90

Finishing: Galvanized



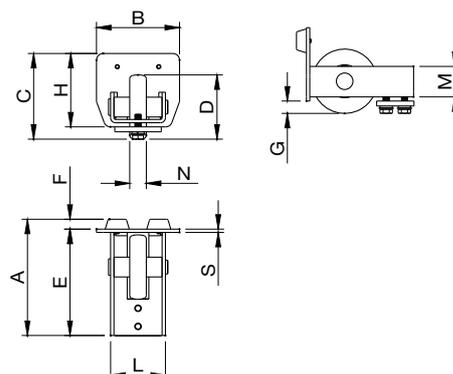
CGS-347

End wheel for monorail
 Galet d'extrémité pour rail
 Endrad für Einfachschiene
 Rueda terminal para monocarril
 Концевое колесо монорельса



CODE	ART.	A	B	C	D	E	F	G	H	L	M	N	S	Box info	
														Pcs per pack	Kg
10705001 001	CGS-347M	135	68	82.5	∅ 68	123	12	14.5	68	45	32	15	4	2	2.00
10705005 001	CGS-347P	141	100	104	∅ 78	129	12	15	89	66	37	20	4	2	3.40

Finishing: Galvanized



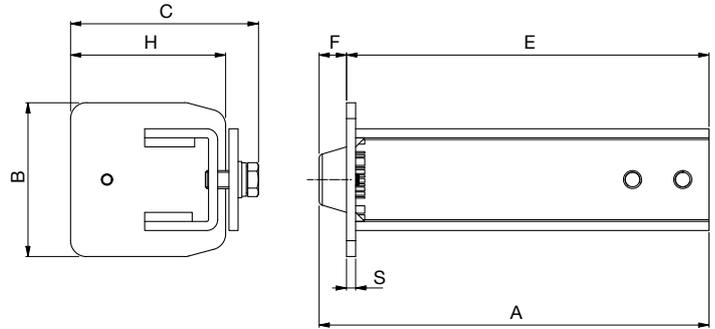
CG-20

End stopper without wheel for monorail
 Embout d'extrémité sans galet pour rail
 Endpropfen für Einfachschiene ohne Rad
 Terminal sin rueda para monocarril
 Наконечник без колеса для монорельса



CODE	ART.	Size	A	B	C	E	F	H	S	Box info	
										Pcs per pack	Kg
10707101 001	CG-20M	Mini	68	68	78	155	12	68	4	2	1.20
10707105 001	CG-20P	Piccolo	100	100	105	155	12	89	4	2	1.80

Finishing: Galvanized



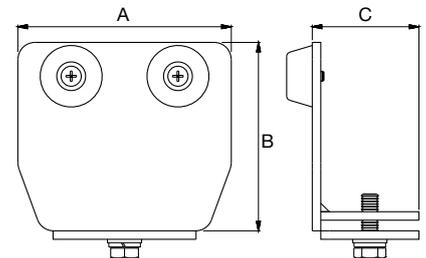
CG-21

End stopper without wheel for monorail
 Embout d'extrémité sans galet pour rail
 Endpropfen für Einfachschiene ohne Rad
 Terminal sin rueda para monocarril
 Наконечник без колеса для монорельса



CODE	ART.	Size	A	B	C	Box info	
						Pcs per pack	Kg
10707115 001	CG-21M	Mini	68	68	49	4	1.30
10707120 001	CG-21P	Piccolo	100	89	50	4	1.70

Finishing: Galvanized



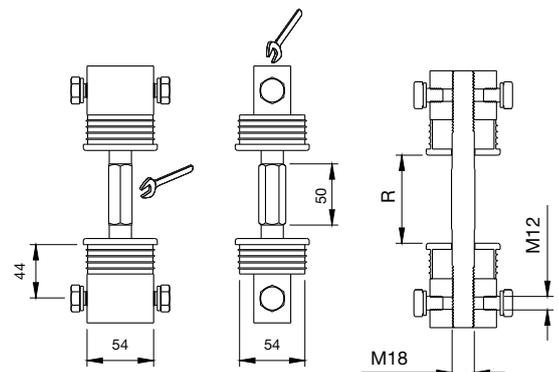
CG-40

Tension bar for gate regulation
 Tirants pour réglage portails
 Ankerbolzen zur Torregulierung
 Tensores de acero galvanizado para regulaciones puertas
 Тяга из оцинкованной стали для регулирования ворот



CODE	ART.	R	Pcs per pack	Box info	
				Pcs per pack	Kg
10131400 001	CG-40	50-100	19	1	1.30

Finishing: Galvanized



BULLET

Compatible Cantilever Accessories

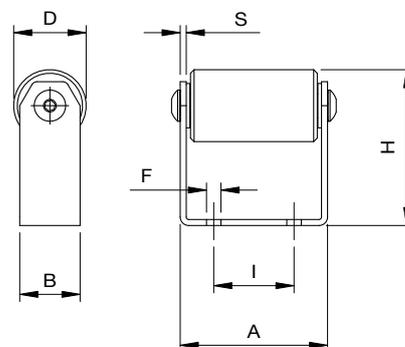
CG-25

Lower end cup with nylon roller
 Butée inférieure avec rouleau en nylon
 Unterauflageschuh mit Nylonrolle
 Encuentro inferior con rodillo de nylon
 Нижний упор с нейлоновым роликом



CODE	ART.	Size	A	B	D	F	H	I	S	Box info	
										Pcs per pack	Kg
10707501 001	CG-25M	Mini	80	40	∅ 50	8.5	115	45	5	2	1.30
10707505 001	CG-25P	Piccolo	122	50	∅ 60	11	130	75	5	2	2.60

Finishing: Galvanized



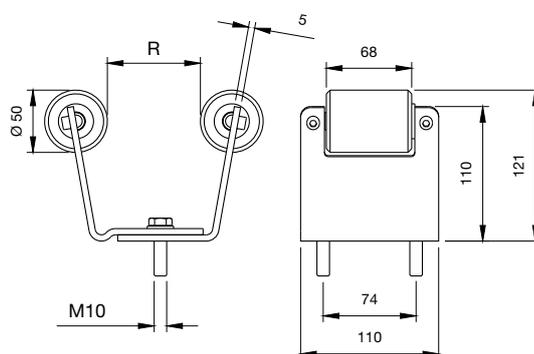
CG-30

Adjustable end cup to be fixed for gates
 Butée réglable à fixer pour portails
 Verstellbarer Auflageschuh zum Aufschrauben für Tore
 Encuentro para puertas regulable para fijar
 Прикрепляемый упор для ворот регулируемый



CODE	ART.	Size	R	Box info	
				Pcs per pack	Kg
10707601 001	CG-30M	Mini	53-76	1	1.50
10707605 001	CG-30P	Piccolo	86-114	1	1.90

Finishing: Galvanized



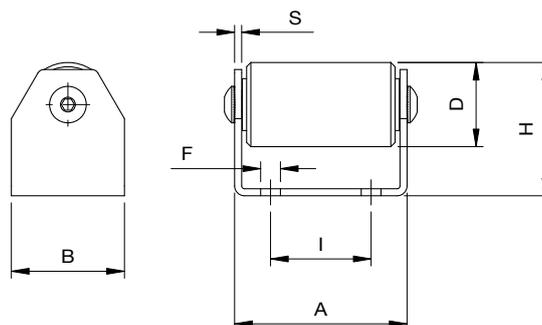
CG-35

Intermediate support with nylon roller
 Support intermédiaire de soutien avec rouleau en nylon
 Mittlerer Stütze für selbsttragende Tore
 Soporte intermedio de sostén con rodillo de nylon
 Промежуточная опора с нейлоновым роликом



CODE	ART.	A	B	D	F	H	I	S	Box info	
									Pcs per pack	Kg
10707705 001	CG-35P	122	80	∅ 60	17	95	70	5	1	1.40

Finishing: Galvanized



CG-251

Adjustable gate guide plate to be fixed with long wing

Plaque guide portail réglable à fixer avec aile longue

Verstellbare Torführungsplatte mit langem Flügel zum Aufschrauben

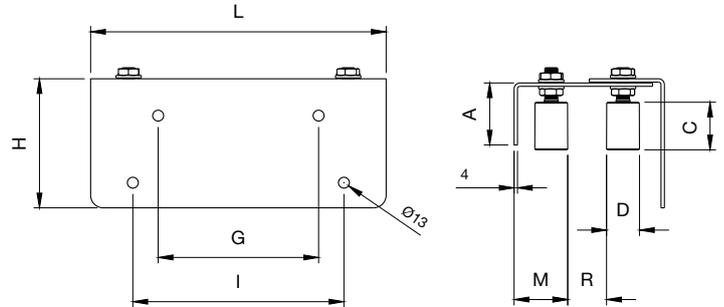
Placa de guía de la puerta regulable con ala larga para fijar

Пластина регулируемая направляющая ворот с длинной прикрепляемой полкой



CODE	ART.	A	C	D	G	H	I	L	M	R	Box info	
											Pcs per pack	Kg
11310005 001	CG-251	74	58	Ø40	190	154	230	350	44-88	70-110	1	6.70

Finishing: Galvanized



232

Nylon roller with accident prevention

Rouleau en nylon pour la prévention des accidents

Nylon-Führungsrolle für die Unfallverhütung

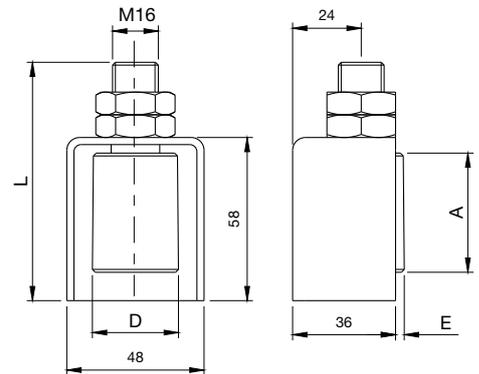
Rodillo de nylon con protección

Нейлоновый наконечник с защитой от несчастных случаев



CODE	ART.	A	B	D	I	H	Box info	
							Pcs per pack	Kg
11302210 001	232-30	40	Ø30	3	84	24	20	4.40
11302215 001	232-40	58	Ø39	7.5	98	24	20	5.90

Finishing: Galvanized



252

Double adjustment plate to be screwed for gates with 2 columns

Platine double réglage à visser pour portails avec 2 colonnes

Platte zum Anschrauben mit Doppelverstellung für Tore mit zwei Pfeiler

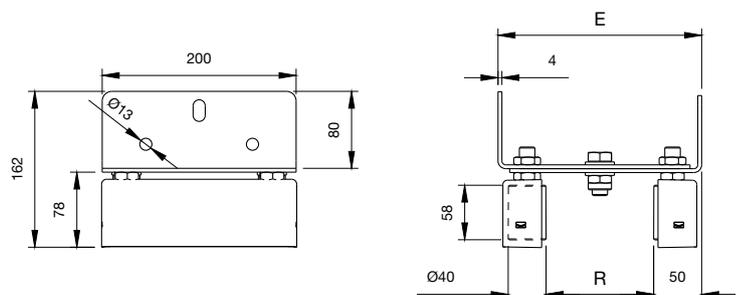
Placa doble regulación para fijar para puertas con dos columnas

Прикрепляемая пластина с двойным регулированием для ворот с двумя стойками



CODE	ART.	Size	E	R	Box info	
					Pcs per pack	Kg
11306205 001	252-200	Ø 40	210-360	0-300	1	4.1

Finishing: Galvanized



BULLET

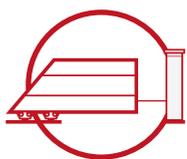
Cantilever Gates





Cantilever Gates Hardware

 **COMUNELLO****GATE**



Cantilever gate



End cup



- ART.
- CG-25P
- CG-30P
- CG-25M
- CG-30M

Bottom end cup



- ART.
- 203
- CGS-346M
- CGS-346P
- CGi-346P



Carriages

- ART.
- KIT CGS-150-300K
- KIT CGS-150-600K
- KIT CGA-150-300K
- KIT CGA-150-600K

- CGS-250.5M
- CGS-250.5P
- CGS-250.5G
- CGS-250.8M
- CGS-250.8P
- CGS-250.8G

- CGS-350.5M
- CGS-350.5P
- CGS-350.5G
- CGS-350.5XL
- CGA-350.5M
- CGA-350.5P
- CGi-350.5P

- CGS-350.8M
- CGS-350.8P
- CGS-350.8G
- CGS-WB-350.9P
- CGS-WB-350.9G
- CGS-450.9-20K



Guide plates



ART.	252	257
247	253	258
250	255	CG-251
250i	255i	CGi-251
251	256	CG-252

End stopper for monorail



ART.
CG-20M
CG-20P
CG-20G
CG-21M
CG-21P
CGS-347M
CGS-347P
CGS-347G



Tracks



ART.
CGS-245M
CGS-245P
CGS-245G

Racks



ART.
260
260i
261
262
262i

For the complete gate configurator go to www.comunello.com > gate > configurators

CANTILEVER GATE SYSTEM

Wheels

150 SERIES



Kit for cantilever residential gates up to 6 meters and 600kg. Available in the "MINI" versions for gates up to 3m / 300kg and "PICCOLO" for gates up to 6m / 600kg.

CGS-150.5



CGA-150.5 Aluminium



250 SERIES



Carriages with multiplate body for residential and industrial cantilever gates. 5-wheel and 8 wheels versions available in the "MINI", "PICCOLO", "GRANDE" sizes.

CGS-250.5



CGS-250.8



350/450 SERIES



Top series of Comunello with monobloc body for residential and industrial self-supporting gates. 5, 8 and 9 wheels versions available in the "MINI", "PICCOLO", "GRANDE" and "XL" sizes.

CGS-350.5



CGA-350.5 Aluminium



CGi-350.5 S. Steel



CGS-350.8



CGS-350.9



CGS-450.9



500 SERIES



Integrator

New cantilever system with integrated transmission gears and protected internal rack. Totally compatible with Comunello cantilever systems.

CGS-500.8



600 SERIES

Bullet

New revolutionary mono carriage cantilever system that simplifies both the configuration and installation.

CGS-600.18



CGA-600.10 Aluminium



Range**Use****Page**

Residential

Industrial

KIT CGS-150-300K

●

112

KIT CGS-150-600K

●

114

KIT CGA-150-300K

●

116

KIT CGA-150-600K

●

118

CGS-250.5M

●

120

CGS-250.5P

●

●

122

CGS-250.5G

●

●

124

CGS-250.8M

●

126

CGS-250.8P

●

●

128

CGS-250.8G

●

●

130

CGS-350.5M

●

132

CGS-350.5P

●

●

134

CGS-350.5G

●

●

136

CGS-350.5XL

●

●

138

CGA-350.5M

●

140

CGA-350.5P

●

●

142

CGi-350.5P

●

●

144

CGS-350.8M

●

146

CGS-350.8P

●

●

148

CGS-350.8G

●

●

150

CGS-WB-350.9P

●

●

152

CGS-WB-350.9G

●

●

154

CGS-450.9-20K

●

●

156

CGS-500.8M

●

68

CGS-500.8P

●

●

69

CGS-500.8G

●

●

70

CGS-600.18M

●

88

CGS-600.18P

●

●

90

CGA-600.10M

●

92

CGA-600.10P

●

●

94

Life made easy

New 9 wheels carriages



New series of 9-wheel cantilever trolleys. Available in "Piccolo" e "Grande" versions.

New generation shielded bearings suitable for extreme temperatures from -30 to + 80° c.

Monobloc steel body.



Replaceable wheels

Alignment Central wheel

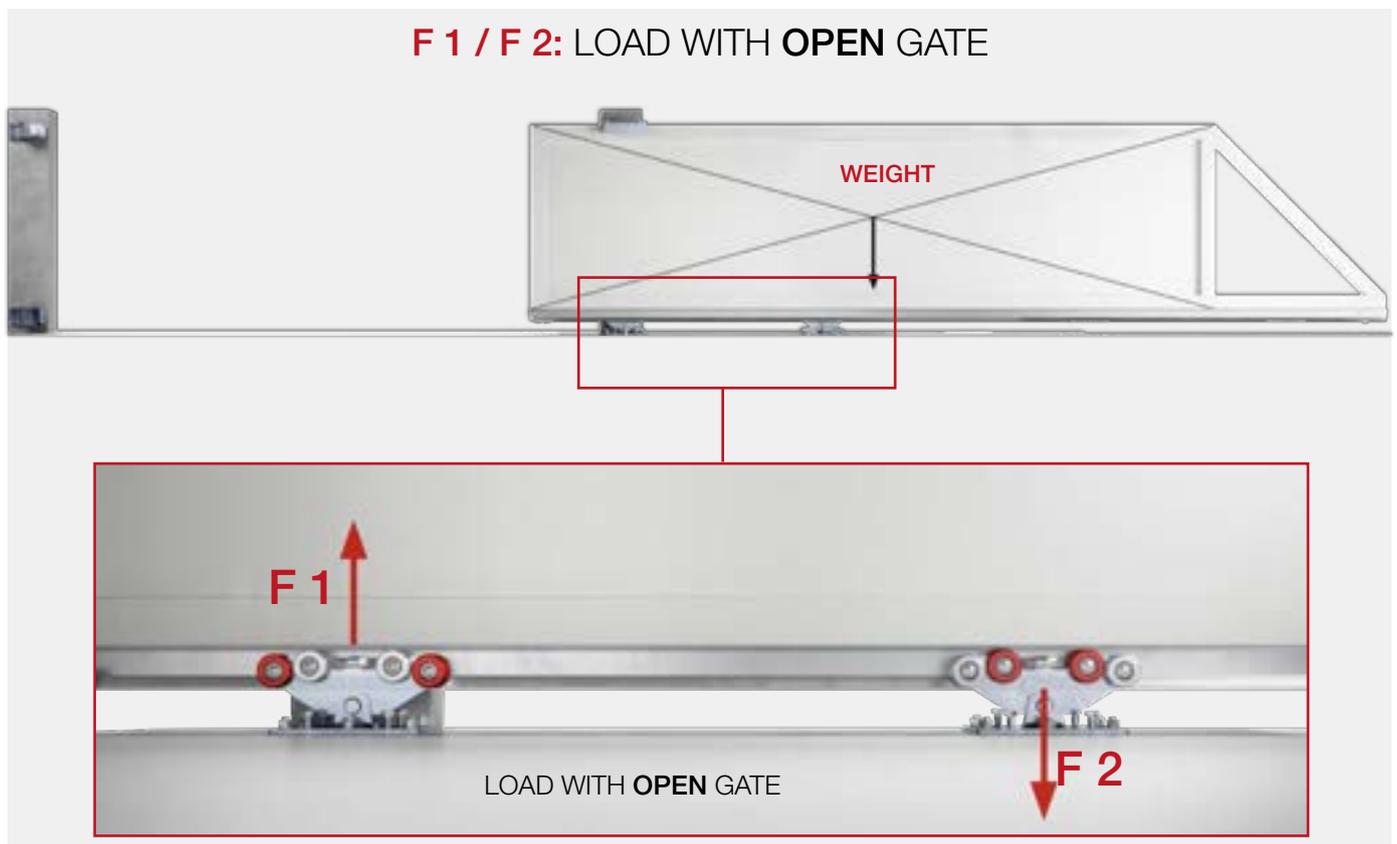
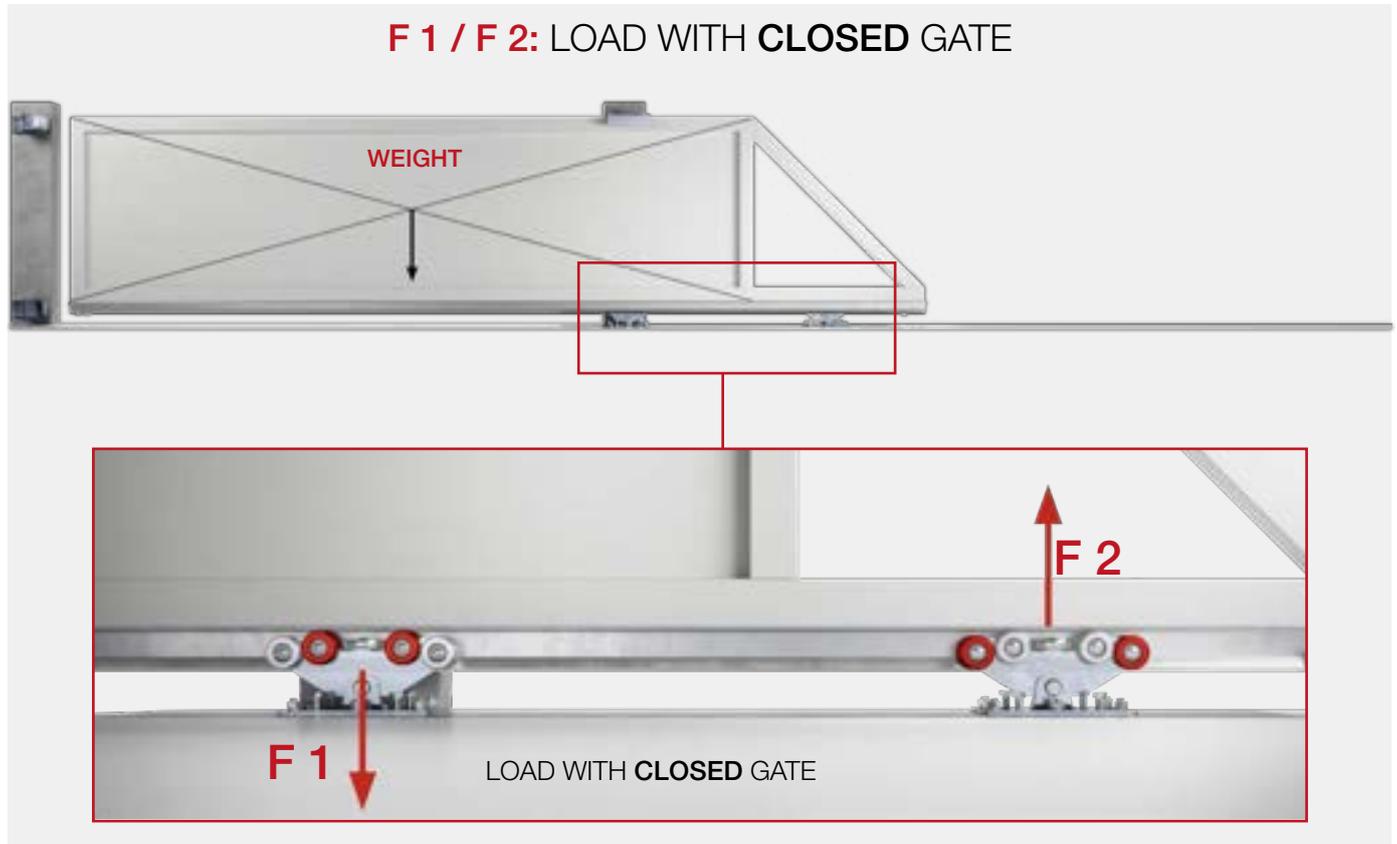
The positioning of the wheels on 2 different heights allows you to load the wheels alternately.

Adjustment screws for planarity.

The slots allow you to adjust the position of the trolley even after installing the anchors.

The central pin allows the trolley to rotate and adapt to the movement of the gate. the load is always evenly distributed on 4 wheels.

Distribution of the load on the wheels during the movement of the gate



CANTILEVER GATE

Life made easy

KIT 150-300K

PATENTED

Kit for cantilever gates, weight up to 3 m and 300 kg / Kit pour portails autoportants jusqu'à 3m et 300 kilos de poids / Kit für selbsttragende Tore mit Gewicht bis 3m und 300 kg / Kit para puertas autoportantes de hasta 3 m y 300 kg de peso / Комплект для самонесущих ворот до 3 м и 300 кг веса

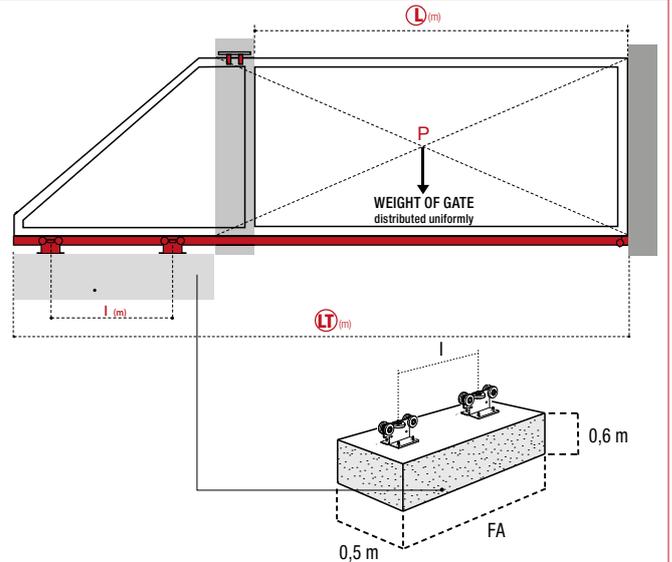


CODE	ART.	CGS-150.5M	CGS-347M	CGS-346M	230	255	CGS-245M
19912331	KIT 150-300K TOP 6M	2 Mini	1	1	-	1 (220 / Ø30)	1 (6 m)
19912330	KIT 150-300K TOP 3M	2 Mini	1	1	-	1 (220 / Ø30)	2 (3 m)
19912333	KIT 150-300K BASIC 6M	2 Mini	1	1	4 x Ø30	-	1 (6 m)
19912326	KIT 150-300K BASIC 3M	2 Mini	1	1	4 x Ø30	-	2 (3 m)

Minimum dimensions of the reinforced concrete casting
 Dimensions minimales du coulage du ciment armé - Mindestgröße des Stahlbetonguss
 Dimensiones mínimas colada cemento armado
 Минимальные размеры железобетонной стяжки

CGS 150.5 Mini Capacity = 700 kg						
P	L=2 m		L=2,5 m		L=3 m	
Weight (Kg)	FA (M)	I (M)	FA (M)	I (M)	FA (M)	I (M)
100	0,90	0,30	1,00	0,40	1,00	0,40
125	1,00	0,40	1,00	0,40	1,10	0,50
150	1,00	0,40	1,10	0,50	1,20	0,60
200	1,20	0,60	1,30	0,70	1,40	0,80
250	1,40	0,80	1,50	0,90	1,70	1,10
300	1,60	1,40	1,80	1,30	2,10	1,50

Nevertheless, it is advisable a minimum wheelbase (I) of about 1/3 of the length (L)
 Cependant, il est conseillé un entraxe minimal (I) de 1/3 de la longueur (L)
 Die empfohlene Strecke (I) 1/3 ist mindestens ein Drittel der Länge (L)
 Se recomienda una distancia mínimo entre ejes (I) de 1/3 de la longitud (L)
 Минимальные размеры железобетонной стяжки

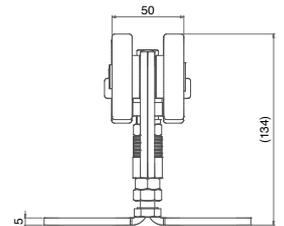
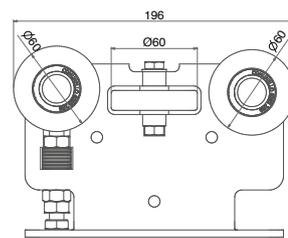
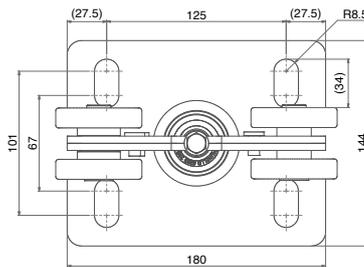


CGS-150.5M

5 wheels cantilever carriage for gates
 Chariot autoportant 5 roues pour portails
 5-rädiger Laufwagen für freitragende Tore
 Carro autoportante 5 ruedas para puertas correderas
 Самонесущая тележка 5 колес для откатных ворот

CODE	ART.	Size	Box info	
			Pcs per pack	Kg
10130019 001	CGS-150.5 M	Mini	1	5,4

Finishing: Galvanized

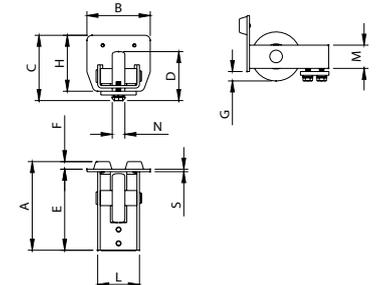


CGS-347M

End wheel for monorail
 Galet d'extrémité pour rail
 Endrad für Einfachschiene
 Rueda terminal para monocarril
 Концевое колесо монорельса

CODE	ART.	Size	A	B	C	D	E	F	G	H	L	M	N	S	Box info	
															Pcs per pack	Kg
10705001 001	CGS-347M	Mini	135	68	82,5	Ø 68	123	12	14,5	68	45	32	15	4	2	2,00

Finishing: Galvanized



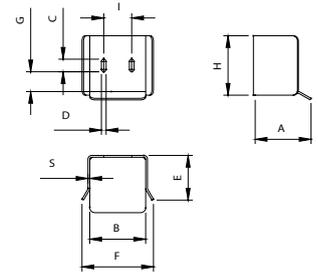
CGS-346M

Bottom end cup to be fixed
 Butée inférieure à fixer
 Unterauflageschuh zum Aufschrauben
 Encuentro inferior para fijar
 Прикрепляемый нижний упор



CODE	ART.	Size	A	B	C	D	E	F	G	H	I	S	Box info	
													Pcs per pack	Kg
10705501 001	CGS-346M	Mini	104	78	25	9	75	114	25	91	38	4	2	2,30

Finishing: Galvanized



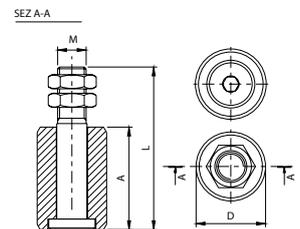
230

Nylon roller
 Rouleau en nylon
 Nylon-Führungsrolle
 Encuentro inferior para fijar
 Прикрепляемый нижний упор



CODE	ART.	A	B	D	I	H	Box info	
							Pcs per pack	Kg
11301010 001	230-30	40	Ø30	74	M16	24	20	3,70

Finishing: Galvanized



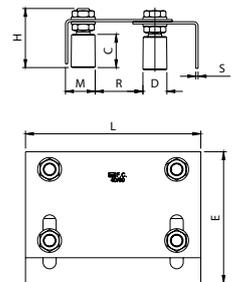
255

Guiding plate for gates with double adjustment
 Platine guide-portail à double réglage
 Torfführungsbügel mit Doppelverstellung
 Placa de guía de la puerta de doble regulación
 Пластина направляющая ворот с двойным регулированием



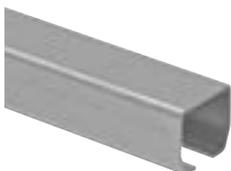
CODE	ART.	Size	C	D	E	H	L	M	R	S	Box info	
											Pcs per pack	Kg
11306005 001	255-220	Ø30	40	Ø30	135-175	74	220	38	35-62	3	10	22,70

Finishing: Galvanized



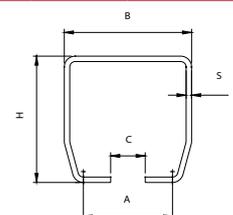
CGS-245M

Monorail for cantilever gates
 Rails pour portails autoportants
 Einfachschiene für selbsttragende Tore
 Monocarril para puertas autoportantes
 Монорейль для самонесущих ворот



CODE	ART.	Size	A	B	C	H	S	L	Box info	
									Pcs per pack	Kg
10207004 001	CGS-245M	Mini	48	68	23	68	3,5	3000	1	18,3
10207024 001	CGS-245M	Mini	48	68	23	68	3,5	6000	1	36,5

Finishing: Galvanized



CANTILEVER GATE

Life made easy

KIT 150-600K

PATENTED

Kit for cantilever gates, weight up to 6m and 600 kg / Kit pour portails autoportants jusqu'à 6m et 600 kilos de poids / Kit für selbsttragende Tore mit Gewicht bis 6m und 600 kg / Kit para puertas autoportantes de hasta 6 m y 600 kg de peso / Комплект для самонесущих ворот до 6 м и 600 кг веса

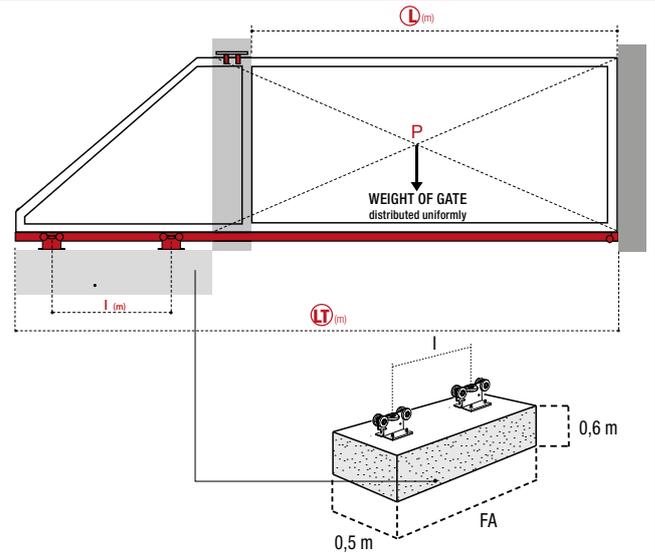


CODE	ART.	CGS-150.5P	CGS-347P	CGS-346P	230	255	CGS-245P
19912332	KIT 150-600K TOP 6M	2 Piccolo	1	1	-	1 (350 / Ø40)	2 (6 m)
19912325	KIT 150-600K TOP 3M	2 Piccolo	1	1	-	1 (350 / Ø40)	3 (3 m)
19912334	KIT 150-600K BASIC 6M	2 Piccolo	1	1	4 x Ø40	-	2 (6 m)
19912324	KIT 150-600K BASIC 3M	2 Piccolo	1	1	4 x Ø40	-	3 (3 m)

Minimum dimensions of the reinforced concrete casting
 Dimensions minimales du coulage du ciment armé - Mindestgröße des Stahlbetonguss
 Dimensiones mínimas colada cemento armado
 Минимальные размеры железобетонной стяжки

CGS 150.5 Piccolo Capacity = 1300 kg						
P	L=4 m		L=5 m		L=6 m	
	FA (M)	I (M)	FA (M)	I (M)	FA (M)	I (M)
350	1,8	1,1	2,1	1,4	2,4	1,7
400	2,0	1,3	2,3	1,6	2,7	2,0
450	2,2	1,5	2,6	1,9	3,1	2,4
500	2,5	1,8	3,0	2,3	3,5	2,8
550	2,8	2,1	3,3	2,6	3,9	3,2
600	3,2	2,5	3,8	3,1	4,5	3,8

Nevertheless, it is advisable a minimum wheelbase (I) of about 1/3 of the length (L)
 Cependant, il est conseillé un entraxe minimal (I) de 1/3 de la longueur (L)
 Die empfohlene Strecke (I) 1/3 ist mindestens ein Drittel der Länge (L)
 Se recomienda una distancia mínimo entre ejes (I) de 1/3 de la longitud (L)
 Минимальные размеры железобетонной стяжки

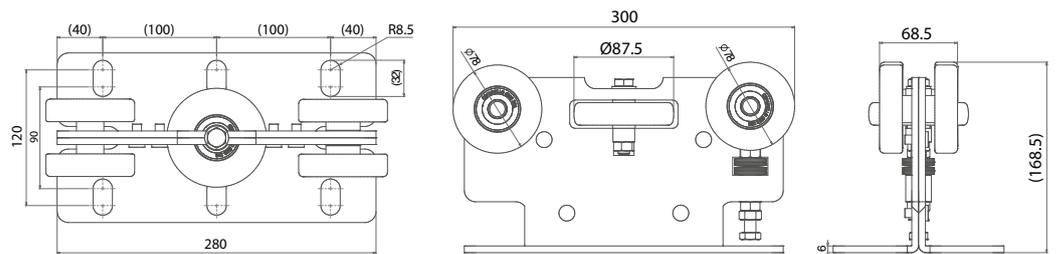


CGS-150.5P

5 wheels cantilever carriage for gates
 Chariot autoportant 5 roues pour portails
 5-rädriger Laufwagen für freitragende Tore
 Carro autoportante 5 ruedas para puertas correderas
 Самонесущая тележка 5 колес для откатных ворот

CODE	ART.	Size	Box info	
			Pcs per pack	Kg
10130020 001	CGS-150.5 P	Piccolo	1	5,4

Finishing: Galvanized

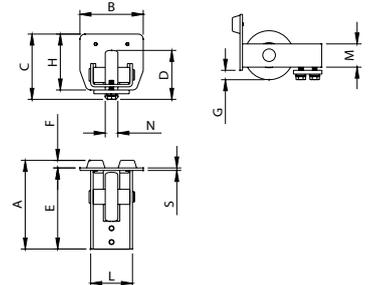


CGS-347P

End wheel for monorail
 Galet d'extrémité pour rail
 Endrad für Einzelschiene
 Rueda terminal para monocarril
 Концевое колесо монорельса

CODE	ART.	Size	A	B	C	D	E	F	G	H	L	M	N	S	Box info	
															Pcs per pack	Kg
10705005 001	CGS-347P	Piccolo	141	100	104	Ø 78	129	12	15	89	66	37	20	4	2	3,40

Finishing: Galvanized



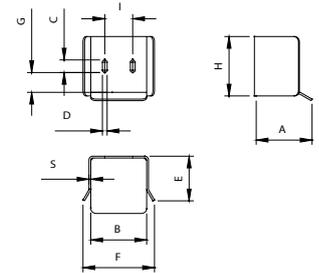
CGS-346P

Bottom end cup to be fixed
 Butée inférieure à fixer
 Unterauflageschuh zum Aufschrauben
 Encuentro inferior para fijar
 Прикрепляемый нижний упор



CODE	ART.	Size	A	B	C	D	E	F	G	H	I	S	Box info	
													Pcs per pack	Kg
10705505 001	CGS-346P	Piccolo	119	112	30	11	84	154	33	112	50	4	2	3,60

Finishing: Galvanized



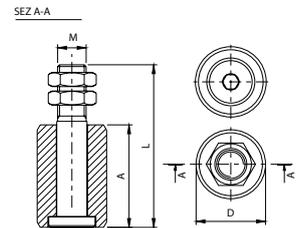
230

Nylon roller
 Rouleau en nylon
 Nylon-Führungsrolle
 Encuentro inferior para fijar
 Прикрепляемый нижний упор



CODE	ART.	A	B	D	I	H	Box info	
							Pcs per pack	Kg
11301010 001	230-30	40	Ø30	74	M16	24	20	3,70

Finishing: Galvanized



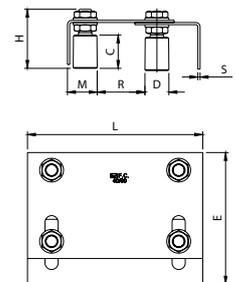
255

Guiding plate for gates with double adjustment
 Platine guide-portail à double réglage
 Torfführungsbügel mit Doppelverstellung
 Placa de guía de la puerta de doble regulación
 Пластина направляющая ворот с двойным регулированием



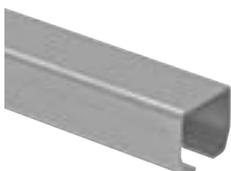
CODE	ART.	Size	C	D	E	H	L	M	R	S	Box info	
											Pcs per pack	Kg
11306005 001	255-220	Ø30	40	Ø30	135-175	74	220	38	35-62	3	10	22,70

Finishing: Galvanized



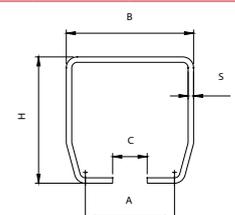
CGS-245P

Monorail for cantilever gates
 Rails pour portails autoportants
 Einfachschiene für selbsttragende Tore
 Monocarril para puertas autoportantes
 Монорельс для самонесущих ворот



CODE	ART.	Size	A	B	C	H	S	L	Box info	
									Pcs per pack	Kg
10207006 001	CGS-245P	Piccolo	66,5	100	33	89	5	3000	1	35,0
10207025 001	CGS-245P	Piccolo	66,5	100	33	89	5	6000	1	70,0

Finishing: Galvanized



CANTILEVER GATE

Life made easy

KIT CGA 150-300K

Kit for cantilever gates, in aluminium
 Kit pour portails autoportants aluminium
 Kit Aluminium freitragende Tore
 Kit para puertas autoportantes de aluminio
 Комплект для самонесущих ворот из алюминия

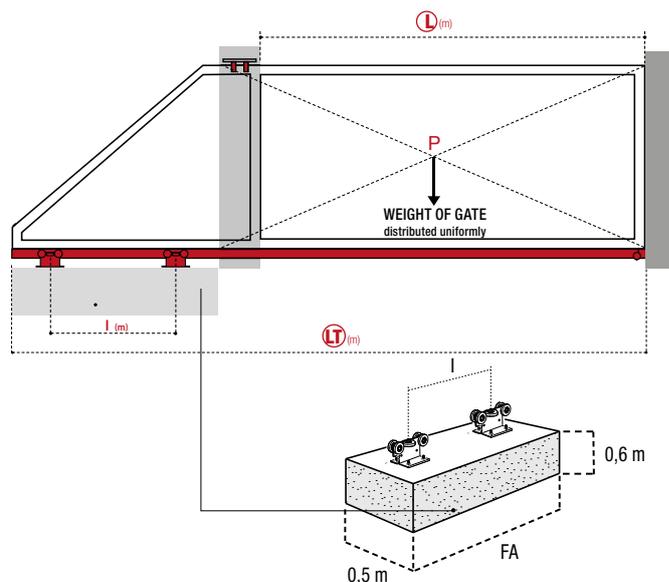


CODE	ART.	CGA-150.5M	CGA-347M	CGS-346M	CGA-20M
19912494	KIT 150-300K ALUMINIUM	2 Mini	1	1	1

Minimum dimensions of the reinforced concrete casting
 Dimensions minimums du coulage du ciment armé - Mindestgröße des Stahlbetonguss
 Dimensiones mínimas colada cemento armado
 Минимальные размеры железобетонной стяжки

CGA 150.5 Mini Capacity = 700 kg						
P	L=2 m		L=2,5 m		L=3 m	
	FA (M)	I (M)	FA (M)	I (M)	FA (M)	I (M)
100	0,90	0,30	1,00	0,40	1,00	0,40
125	1,00	0,40	1,00	0,40	1,10	0,50
150	1,00	0,40	1,10	0,50	1,20	0,60
200	1,20	0,60	1,30	0,70	1,40	0,80
250	1,40	0,80	1,50	0,90	1,70	1,10
300	1,60	1,40	1,80	1,30	2,10	1,50

Nevertheless, it is advisable a minimum wheelbase (I) of about 1/3 of the length (L)
 Cependant, il est conseillé un entraxe minimal (I) de 1/3 de la longueur (L)
 Die empfohlene Strecke (I) 1/3 ist mindestens ein Drittel der Länge (L)
 Se recomienda una distancia mínimo entre ejes (I) de 1/3 de la longitud (L)
 Минимальные размеры железобетонной стяжки



CGA-150.5M

5 wheels cantilever carriage for gates
 Chariot autoportant 5 roues pour portails
 5-rädriger Laufwagen für freitragende Tore
 Carro autoportante 5 ruedas para puertas correderas
 Самонесущая тележка 5 колес для откатных ворот



CODE	ART.	Size	Box info	
			Pcs per pack	Kg
10130630 001	CGA-150.5 M	Mini	1	3,1

Finishing: Galvanized

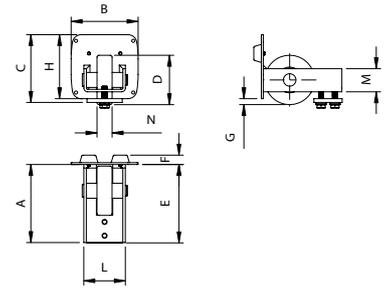
CGA-347M

Nylon end wheel for aluminium monorail
 Galet d'extrémité en nylon pour rail en aluminium
 Nylon-Endrolle für Einfachschiene aus Aluminium
 Rueda terminal de nylon para monocarril de aluminio
 Концевое колесо из нейлона для
 алюминиевого монорельса



CODE	ART.	Size	A	B	C	D	E	F	G	H	L	M	N	Box info	
														Pcs per pack	Kg
10705200 001	CGA-347M	Mini	119	83	83	∅66	119	16	7	79	45	32	15	1	1,6

Finishing: Aluminium



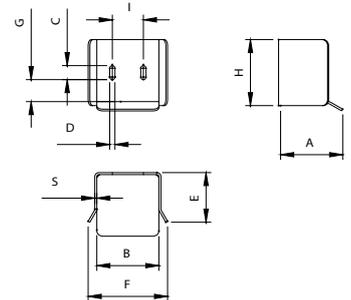
CGS-346M

Bottom end cup to be fixed
 Butée inférieure à fixer
 Unterauflageschuh zum Aufschrauben
 Encuentro inferior para fijar
 Прикрепляемый нижний упор



CODE	ART.	Size	A	B	C	D	E	F	G	H	I	S	Box info	
													Pcs per pack	Kg
10705501 001	CGS-346M	Mini	104	78	25	9	75	114	25	91	38	4	1	1,8

Finishing: Galvanized



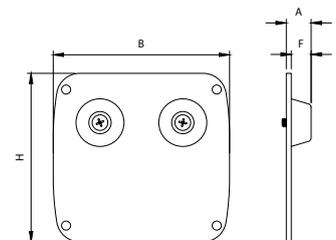
CGA-20M

End stopper for aluminium monorail
 Embout d'extrémité pour rail en aluminium
 Endtropfen für Einfachschiene aus Aluminium
 Terminal para monocarril de aluminio
 Наконечник для алюминиевого монорельса



CODE	ART.	A	B	F	H	Box info	
						Pcs per pack	Kg
10707001 001	CGA-20M	16	83	12	79	1	0,3

Finishing: Aluminium



Life made easy

KIT CGA 150-600K

Kit for cantilever gates, in aluminium
 Kit pour portails autoportants aluminium
 Kit Aluminium freitragende Tore
 Kit para puertas autoportantes de aluminio
 Комплект для самонесущих ворот из алюминия

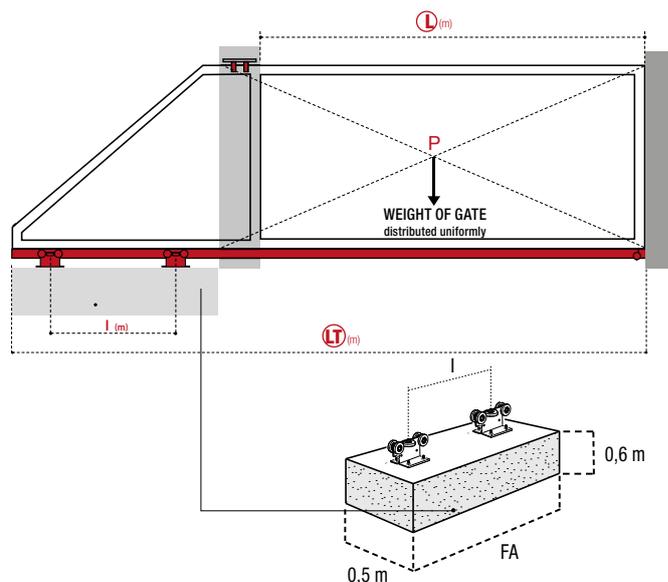


CODE	ART.	CGA-150.5P AL	CGA-347P	CGS-346P	CGA-20P
19912495	KIT 150-600K ALUMINIUM	2 Mini	1	1	1

Minimum dimensions of the reinforced concrete casting
 Dimensions minimums du coulage du ciment armé - Mindestgröße des Stahlbetonguss
 Dimensiones mínimas colada cemento armado
 Минимальные размеры железобетонной стяжки

CGA 150.5 Piccolo Capacity = 1300 kg						
P	L=4 m		L=5 m		L=6 m	
Weight (Kg)	FA (M)	I (M)	FA (M)	I (M)	FA (M)	I (M)
350	1,8	1,1	2,1	1,4	2,4	1,7
400	2,0	1,3	2,3	1,6	2,7	2,0
450	2,2	1,5	2,6	1,9	3,1	2,4
500	2,5	1,8	2,3	3,0	3,5	2,8
550	2,8	2,1	3,3	2,6	3,9	3,2
600	3,2	2,5	3,8	3,1	4,5	3,8

Nevertheless, it is advisable a minimum wheelbase (I) of about 1/3 of the length (L)
 Cependant, il est conseillé un entraxe minimal (I) de 1/3 de la longueur (L)
 Die empfohlene Strecke (I) 1/3 ist mindestens ein Drittel der Länge (L)
 Se recomienda una distancia mínimo entre ejes (I) de 1/3 de la longitud (L)
 Минимальные размеры железобетонной стяжки



CGA-150.5P

5 wheels cantilever carriage for gates
 Chariot autoportant 5 roues pour portails
 5-rädiger Laufwagen für freitragende Tore
 Carro autoportante 5 ruedas para puertas correderas
 Самонесущая тележка 5 колес для откатных ворот



CODE	ART.	Size	Box info	
			Pcs per pack	Kg
19912495	CGA-150.5 P	Mini	1	5,4

Finishing: Galvanized

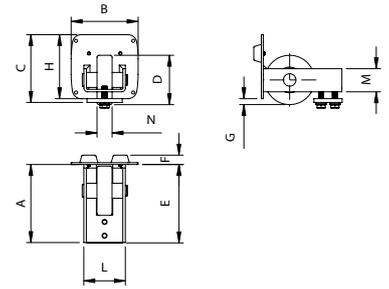
CGA-347P

Nylon end wheel for aluminium monorail
 Galet d'extrémité en nylon pour rail en aluminium
 Nylon-Endrolle für Einfachschiene aus Aluminium
 Rueda terminal de nylon para monocarril de aluminio
 Концевое колесо из нейлона для
 алюминиевого монорельса



CODE	ART.	Size	A	B	C	D	E	F	G	H	L	M	N	Box info	
														Pcs per pack	Kg
10705205 001	CGA-347P	Piccolo	140	106,5	118	Ø 79	125	15	9,6	102,5	66	37	26	2	3,4

Finishing: Aluminium



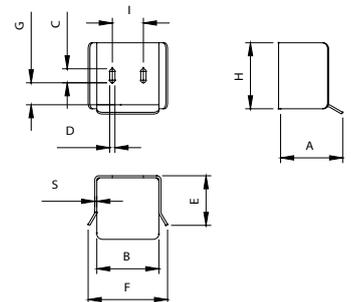
CGS-346P

Bottom end cup to be fixed
 Butée inférieure à fixer
 Unterauflageschuh zum Aufschrauben
 Encuentro inferior para fijar
 Прикрепляемый нижний упор



CODE	ART.	Size	A	B	C	D	E	F	G	H	I	S	Box info	
													Pcs per pack	Kg
10705505 001	CGS-346P	Piccolo	119	112	30	11	84	154	33	112	50	4	2	3,60

Finishing: Galvanized



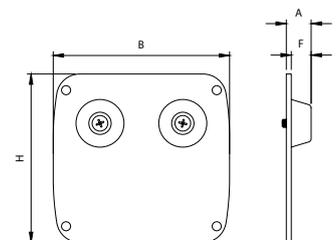
CGA-20P

End stopper for aluminium monorail
 Embout d'extrémité pour rail en aluminium
 Endpfropfen für Einfachschiene aus Aluminium
 Terminal para monocarril de aluminio
 Наконечник для алюминиевого монорельса



CODE	ART.	A	B	F	H	Box info	
						Pcs per pack	Kg
10707005 001	CGA-20P	15	106,5	12	102,5	2	0,60

Finishing: Aluminium



Life made easy

CGS-250.5 Mini

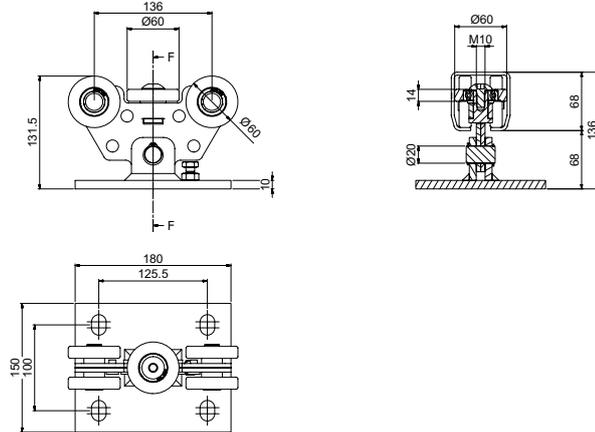
5 wheels cantilever carriage for gates
 Chariot autoportant 5 roues pour portails
 5-rädrieger Laufwagen für freitragende Tore
 Carro autoportante 5 ruedas para puertas correderas
 Самонесущая тележка 5 колес для откатных ворот

FEATURES

- Patented multiplate body
- Noiseless bearings of new generation shielded to protect against dust suitable for temperatures from -30° C to + 80° C
- 4 support wheels for each carriage
- Alignment Central wheel
- Central rotation pin



PATENTED

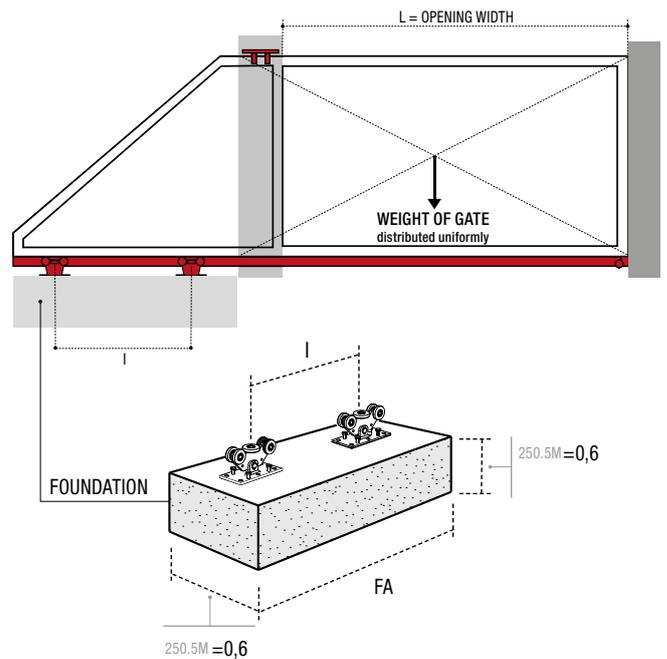


CODE	ART.	Size	Box info	
			Pcs per pack	Kg
10130030 001	CGS-250.5 M	Mini	1	5,4

Finishing: Galvanized

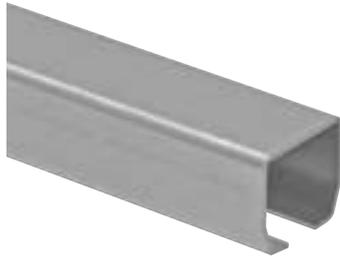
Minimum dimensions of the reinforced concrete casting
 Dimensions minimums du coulage du ciment armé
 Mindestgröße des Stahlbetonguss
 Dimensiones mínimas colada cemento armado
 Минимальные размеры железобетонной стяжки

CGS 250.5 Mini (F1 max=450 Kg)								
	L=2 m		L=2,5 m		L=3 m		L=3,5 m	
Weight (Kg)	FA (M)	I (M)	FA (M)	I (M)	FA (M)	I (M)	FA (M)	I (M)
75	0,90	0,30	1,00	0,40	1,10	0,50	1,20	0,60
100	1,00	0,40	1,10	0,50	1,20	0,60	1,40	0,80
125	1,20	0,60	1,30	0,70	1,40	0,80	1,60	1,00
150	1,30	0,70	1,50	0,90	1,70	1,10	1,90	1,30

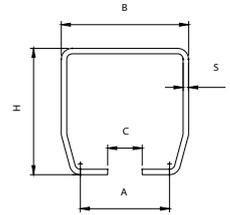


CGS-245M

Monorail for cantilever gates
 Rails pour portails autoportants
 Einfachschiene für selbsttragende Tore
 Monocarril para puertas autoportantes
 Монорельс для самонесущих ворот



CODE	ART.	Size	Finishing	A	B	C	H	S	L	Box info	
										Pcs per pack	Kg
10207004	CGS-245M	Mini	Raw	48	68	23	68	3,5	3000	1	18,3
10207024	CGS-245M	Mini	Raw	48	68	23	68	3,5	6000	1	36,5
10207004 001	CGS-245M	Mini	Zinc	48	68	23	68	3,5	3000	1	18,3
10207024 001	CGS-245M	Mini	Zinc	48	68	23	68	3,5	6000	1	36,5



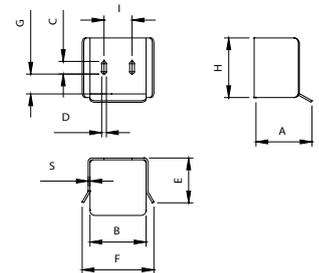
CGS-346M

Bottom end cup to be fixed
 Butée inférieure à fixer
 Unterauflageschuh zum Aufschrauben
 Encuentro inferior para fijar
 Прикрепляемый нижний упор



CODE	ART.	Size	A	B	C	D	E	F	G	H	I	S	Box info	
													Pcs per pack	Kg
10705501 001	CGS-346M	Mini	104	78	25	9	75	114	25	91	38	4	2	2,3

Finishing: Galvanized



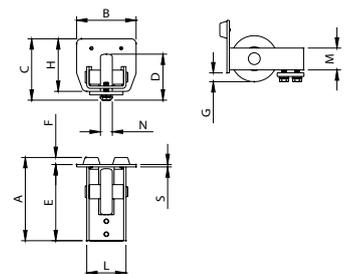
CGS-347M

End wheel for monorail
 Galet d'extrémité pour rail
 Endrad für Einfachschiene
 Rueda terminal para monocarril
 Концевое колесо монорельса



CODE	ART.	Size	A	B	C	D	E	F	G	H	L	M	N	S	Box info	
															Pcs per pack	Kg
10705001 001	CGS-347M	Mini	135	68	82,5	∅68	123	12	14,5	68	45	32	15	4	2	2,0

Finishing: Galvanized



Life made easy

CGS-250.5 Piccolo

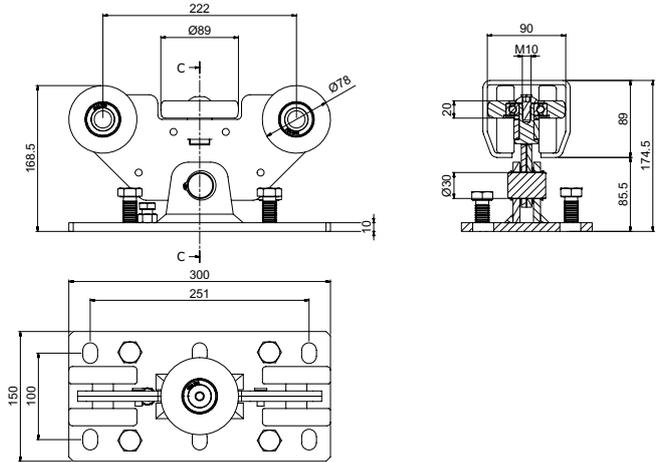
5 wheels cantilever carriage for gates
 Chariot autoportant 5 roues pour portails
 5-rädriger Laufwagen für freitragende Tore
 Carro autoportante 5 ruedas para puertas correderas
 Самонесущая тележка 5 колес для откатных ворот

FEATURES

- Patented multiplate body
- Noiseless bearings of new generation shielded to protect against dust suitable for temperatures from -30° C to + 80° C
- 4 support wheels for each carriage
- Alignment Central wheel
- Central rotation pin



PATENTED

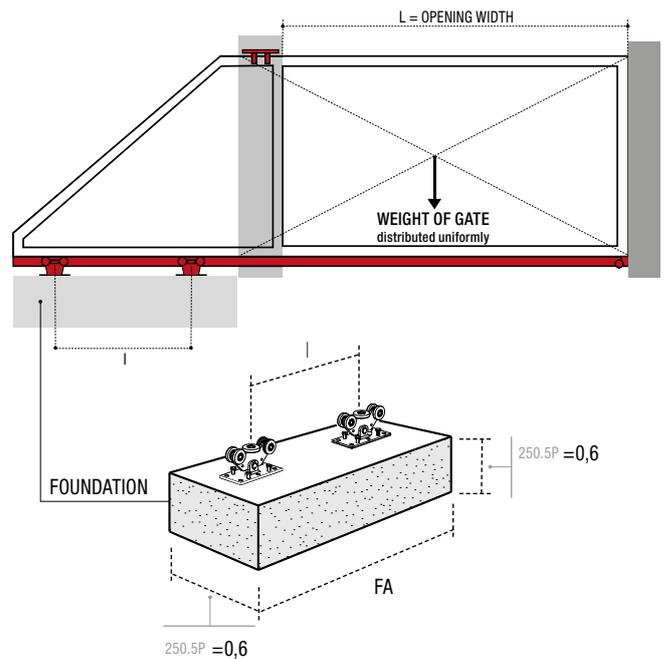


CODE	ART.	Size	Box info	
			Pcs per pack	Kg
10130031 001	CGS-250.5 P	Piccolo	1	10,6

Finishing: Galvanized

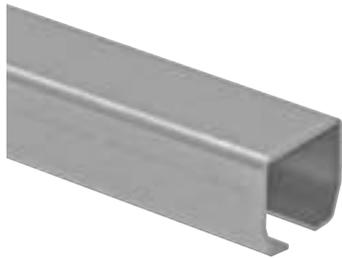
Minimum dimensions of the reinforced concrete casting
 Dimensions minimums du coulage du ciment armé
 Mindestgröße des Stahlbetonguss
 Dimensiones mínimas colada cemento armado
 Минимальные размеры железобетонной стяжки

CGS 250.5 Piccolo (F1max=750 Kg)										
	L=2,5 m		L=3 m		L=3,5 m		L=4 m		L=4,5 m	
Weight (Kg)	FA (M)	I (M)	FA (M)	I (M)	FA (M)	I (M)	FA (M)	I (M)	FA (M)	I (M)
150	1,20	0,50	1,30	0,60	1,40	0,70	1,60	0,90	1,70	1,00
175	1,30	0,60	1,40	0,70	1,60	0,90	1,70	1,00	1,90	1,20
200	1,40	0,70	1,60	0,90	1,70	1,00	1,90	1,20	2,10	1,40
225	1,50	0,80	1,70	1,00	1,90	1,20	2,10	1,40	2,30	1,60
250	1,70	1,00	1,90	1,20	2,10	1,40	2,30	1,60	2,50	1,80

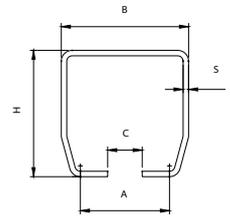


CGS-245P

Monorail for cantilever gates
 Rails pour portails autoportants
 Einfachschiene für selbsttragende Tore
 Monocarril para puertas autoportantes
 Монорельс для самонесущих ворот



CODE	ART.	Size	Finishing	A	B	C	H	S	L	Box info	
										Pcs per pack	Kg
10207006	CGS-245P	Piccolo	Raw	66,5	100	33	89	5	3000	1	35,0
10207025	CGS-245P	Piccolo	Raw	66,5	100	33	89	5	6000	1	70,0
10207006 001	CGS-245P	Piccolo	Zinc	66,5	100	33	89	5	3000	1	35,0
10207025 001	CGS-245P	Piccolo	Zinc	66,5	100	33	89	5	6000	1	70,0

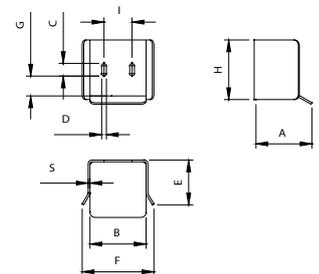


CGS-346P

Bottom end cup to be fixed
 Butée inférieure à fixer
 Unterauflageschuh zum Aufschrauben
 Encuentro inferior para fijar
 Прикрепляемый нижний упор



CODE	ART.	Size	A	B	C	D	E	F	G	H	I	S	Box info	
													Pcs per pack	Kg
10705505 001	CGS-346P	Piccolo	119	112	30	11	84	154	33	112	50	4	2	3,6
Finishing: Galvanized														
10706005	CGI-346P	Piccolo	119	112	30	11	84	154	33	112	50	4	2	3,6
Finitura: Stainless steel														

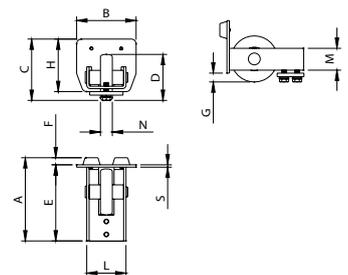


CGS-347P

End wheel for monorail
 Galet d'extrémité pour rail
 Endrad für Einfachschiene
 Rueda terminal para monocarril
 Концевое колесо монорельса



CODE	ART.	Size	A	B	C	D	E	F	G	H	L	M	N	S	Box info	
															Pcs per pack	Kg
10705005 001	CGS-347P	Piccolo	141	100	104	Ø78	129	12	15	89	66	37	20	4	2	3,4
Finishing: Galvanized																
10705305	CGI-347P	Piccolo	141	100	104	Ø78	129	12	15	89	66	37	20	4	2	3,4
Finitura: Stainless steel																



Life made easy

CGS-250.5 Grande

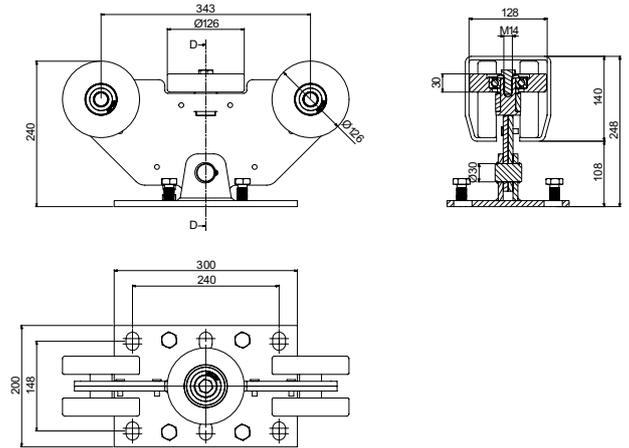
5 wheels cantilever carriage for gates
 Chariot autoportant 5 roues pour portails
 5-rädrieger Laufwagen für freitragende Tore
 Carro autoportante 5 ruedas para puertas correderas
 Самонесущая тележка 5 колес для откатных ворот

FEATURES

- Patented multiplate body
- Noiseless bearings of new generation shielded to protect against dust suitable for temperatures from -30° C to + 80° C
- 4 support wheels for each carriage
- Alignment Central wheel
- Central rotation pin



PATENTED

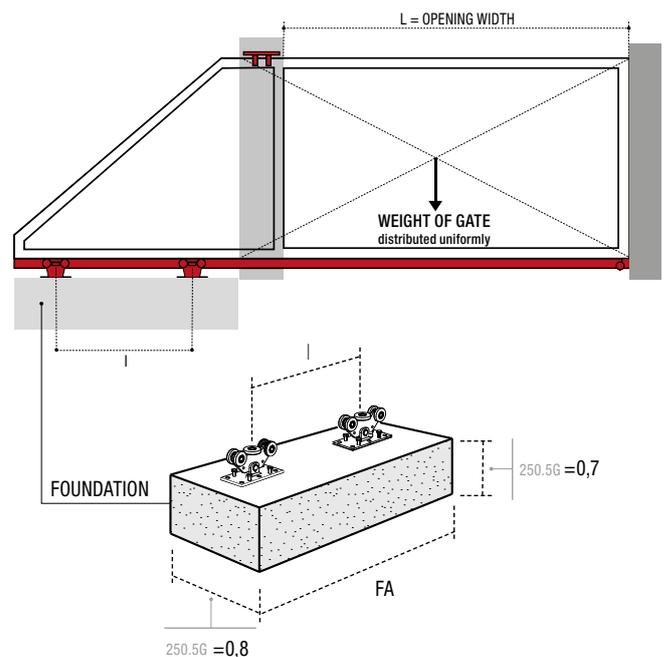


CODE	ART.	Size	Box info	
			Pcs per pack	Kg
10130032 001	CGS-250.5 G	Grande	1	26,6

Finishing: Galvanized

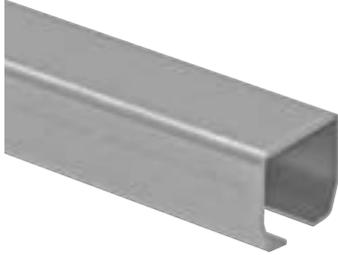
Minimum dimensions of the reinforced concrete casting
 Dimensions minimums du coulage du ciment armé
 Mindestgröße des Stahlbetonguss
 Dimensiones mínimas colada cemento armado
 Минимальные размеры железобетонной стяжки

CGS 250.5 Grande (F1max=1400 Kg)										
	L=5 m		L=5,5 m		L=6 m		L=6,5 m		L=7 m	
Weight (Kg)	FA (M)	I (M)	FA (M)	I (M)	FA (M)	I (M)	FA (M)	I (M)	FA (M)	I (M)
300	2,20	1,30	2,40	1,50	2,60	1,70	2,70	1,80	2,90	2,00
350	2,50	1,60	2,70	1,80	2,90	2,00	3,10	2,20	3,30	2,40
400	2,70	1,80	3,00	2,10	3,20	2,30	3,50	2,60	3,70	2,80
450	3,10	2,20	3,30	2,40	3,60	2,70	3,90	3,00	4,20	3,30

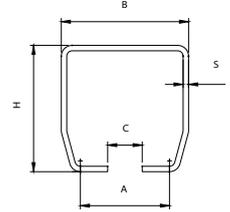


CGS-245G

Monorail for cantilever gates
 Rails pour portails autoportants
 Einfachschiene für selbsttragende Tore
 Monocarril para puertas autoportantes
 Монорельс для самонесущих ворот



CODE	ART.	Size	Finishing	A	B	C	H	S	L	Box info	
										Pcs per pack	Kg
10207014	CGS-245G	Grande	Raw	98	140	38	140	6	3000	1	67,0
10207026	CGS-245G	Grande	Raw	98	140	38	140	6	6000	1	134,0
10207014 001	CGS-245G	Grande	Zinc	98	140	38	140	6	3000	1	67,0
10207026 001	CGS-245G	Grande	Zinc	98	140	38	140	6	6000	1	134,0



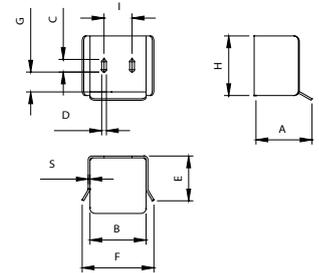
CGS-346G

Bottom end cup to be fixed
 Butée inférieure à fixer
 Unterauflageschuh zum Aufschrauben
 Encuentro inferior para fijar
 Прикрепляемый нижний упор



CODE	ART.	Size	A	B	C	D	E	F	G	H	I	S	Box info	
													Pcs per pack	Kg
10705510 001	CGS-346G	Grande	159	154	35	13	120	197	55	165	77	5	2	7,6

Finishing: Galvanized



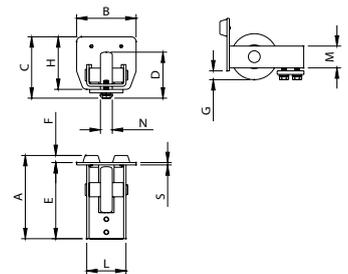
CGS-347G

End wheel for monorail
 Galet d'extrémité pour rail
 Endrad für Einfachschiene
 Rueda terminal para monocarril
 Концевое колесо монорельса



CODE	ART.	Size	A	B	C	D	E	F	G	H	L	M	N	S	Box info	
															Pcs per pack	Kg
10705010 001	CGS-347G	Grande	195	140	155	Ø98	170	24,5	15	140	95	56	30	5	2	8,3

Finishing: Galvanized



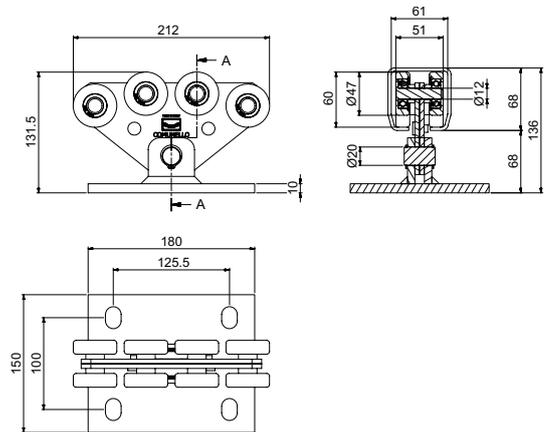
Life made easy

CGS-250.8 Mini

8 wheels cantilever carriage for gates
 Chariot autoportant 8 roues pour portails
 8-rädrieger Laufwagen für freitragende Tore
 Carro autoportante 8 ruedas para puertas correderas
 Самонесущая тележка 8 колес для откатных ворот

FEATURES

- Patented multiplate body
- Noiseless bearings of new generation shielded to protect against dust suitable for temperatures from -30° C to + 80° C
- Self-balancing
- 8 support wheels for each carriage
- Longitudinal alignment on 16 wheels
- Central rotation stiffened pin

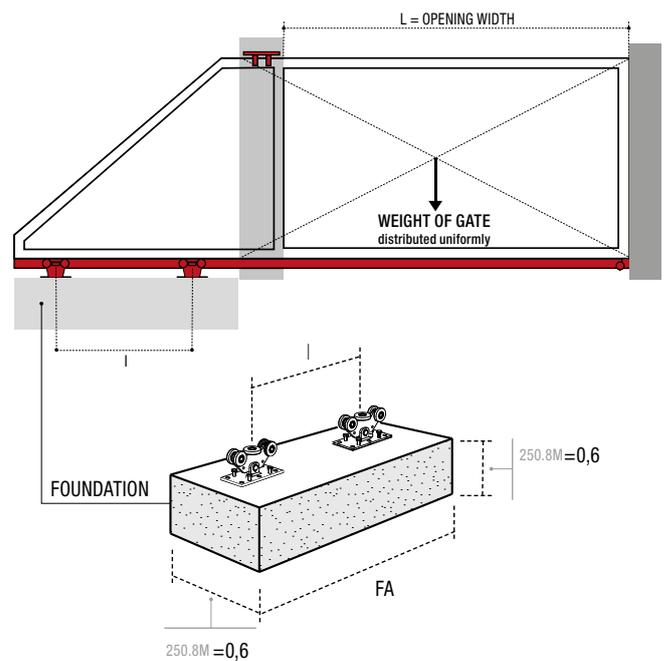


CODE	ART.	Size	Box info	
			Pcs per pack	Kg
10130003 001	CGS-250.8 M	Mini	1	5,0

Finishing: Galvanized

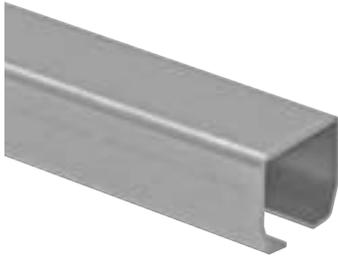
Minimum dimensions of the reinforced concrete casting
 Dimensions minimums du coulage du ciment armé
 Mindestgröße des Stahlbetonguss
 Dimensiones mínimas colada cemento armado
 Минимальные размеры железобетонной стяжки

CGS 250.8 Mini (F1max=950 Kg)									
	L=2 m		L=2,5 m		L=3 m		L=3,5 m		
Weight (Kg)	FA (M)	I (M)	FA (M)	I (M)	FA (M)	I (M)	FA (M)	I (M)	
200	1,10	0,50	1,20	0,60	1,30	0,70	1,50	0,90	
250	1,30	0,70	1,40	0,80	1,50	0,90	1,80	1,20	
300	1,50	0,90	1,60	1,00	1,80	1,20	2,10	1,50	
350	1,70	1,10	1,90	1,30	2,10	1,50	2,50	1,90	

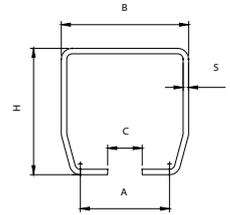


CGS-245M

Monorail for cantilever gates
 Rails pour portails autoportants
 Einfachschiene für selbsttragende Tore
 Monocarril para puertas autoportantes
 Монорельс для самонесущих ворот



CODE	ART.	Size	Finishing	A	B	C	H	S	L	Box info	
										Pcs per pack	Kg
10207004	CGS-245M	Mini	Raw	48	68	23	68	3,5	3000	1	18,3
10207024	CGS-245M	Mini	Raw	48	68	23	68	3,5	6000	1	36,5
10207004 001	CGS-245M	Mini	Zinc	48	68	23	68	3,5	3000	1	18,3
10207024 001	CGS-245M	Mini	Zinc	48	68	23	68	3,5	6000	1	36,5



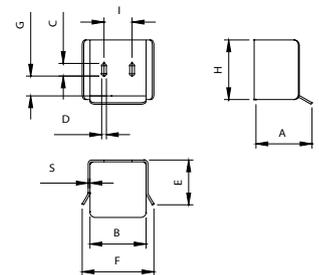
CGS-346M

Bottom end cup to be fixed
 Butée inférieure à fixer
 Unterauflageschuh zum Aufschrauben
 Encuentro inferior para fijar
 Прикрепляемый нижний упор



CODE	ART.	Size	A	B	C	D	E	F	G	H	I	S	Box info	
													Pcs per pack	Kg
10705501 001	CGS-346M	Mini	104	78	25	9	75	114	25	91	38	4	2	2,3

Finishing: Galvanized



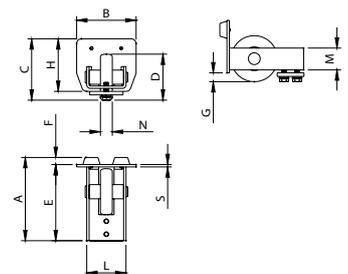
CGS-347M

End wheel for monorail
 Galet d'extrémité pour rail
 Endrad für Einfachschiene
 Rueda terminal para monocarril
 Концевое колесо монорельса



CODE	ART.	Size	A	B	C	D	E	F	G	H	L	M	N	S	Box info	
															Pcs per pack	Kg
10705001 001	CGS-347M	Mini	135	68	82,5	Ø68	123	12	14,5	68	45	32	15	4	2	2,0

Finishing: Galvanized



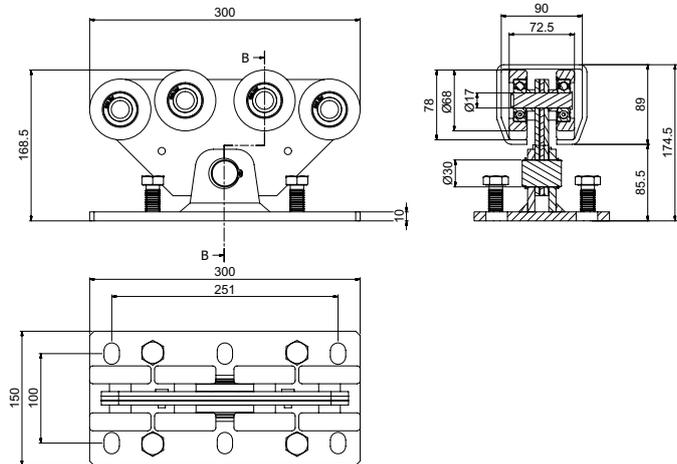
Life made easy

CGS-250.8 Piccolo

8 wheels cantilever carriage for gates
 Chariot autoportant 8 roues pour portails
 8-rädrieger Laufwagen für freitragende Tore
 Carro autoportante 8 ruedas para puertas correderas
 Самонесущая тележка 8 колес для откатных ворот

FEATURES

- Patented multiplate body
- Noiseless bearings of new generation shielded to protect against dust suitable for temperatures from -30° C to + 80° C
- Self-balancing
- 8 support wheels for each carriage
- Longitudinal alignment on 16 wheels
- Central rotation stiffened pin

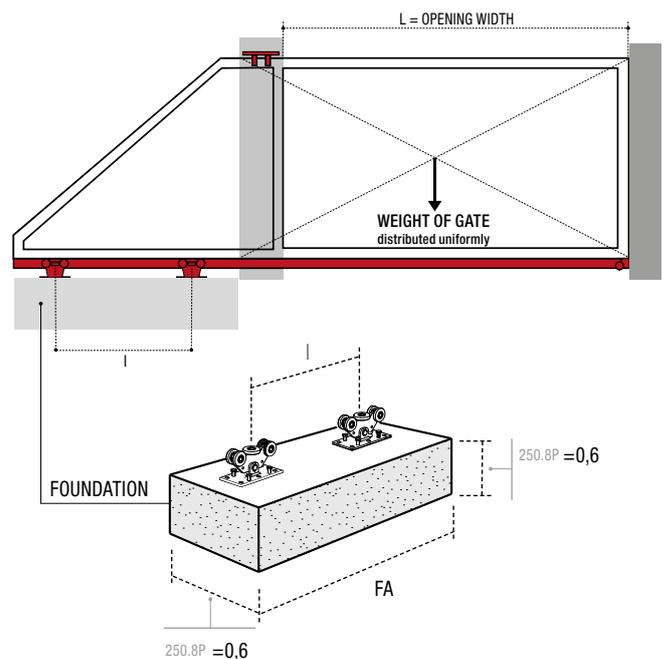


CODE	ART.	Size	Box info	
			Pcs per pack	Kg
10130007 001	CGS-250.8 P	Piccolo	1	10,6

Finishing: Galvanized

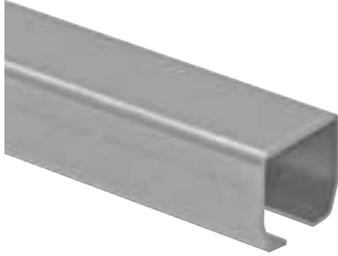
Dimensioni minime getto cemento armato
 Minimum dimensions of the reinforced concrete casting
 Dimensions minimums du coulage du ciment armé
 Mindestgröße des Stahlbetonguss
 Dimensiones mínimas colada cemento armado
 Минимальные размеры железобетонной стяжки

CGS 250.8 Piccolo (F1 max=1550 Kg)										
	L=2,5 m		L=3 m		L=3,5 m		L=4 m		L=4,5 m	
Weight (Kg)	FA (M)	I (M)	FA (M)	I (M)	FA (M)	I (M)	FA (M)	I (M)	FA (M)	I (M)
400	1,40	0,70	1,50	0,90	1,70	1,00	1,80	1,10	1,90	1,20
450	1,60	0,90	1,70	1,00	1,80	1,10	2,00	1,30	2,10	1,40
500	1,70	1,00	1,80	1,20	2,00	1,30	2,20	1,50	2,30	1,60
550	1,80	1,10	2,00	1,30	2,20	1,50	2,40	1,70	2,60	1,90
600	2,00	1,30	2,20	1,50	2,40	1,70	2,60	1,90	2,90	2,20

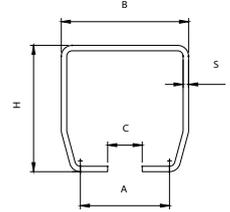


CGS-245P

Monorail for cantilever gates
 Rails pour portails autoportants
 Einfachschiene für selbsttragende Tore
 Monocarril para puertas autoportantes
 Монорельс для самонесущих ворот



CODE	ART.	Size	Finishing	A	B	C	H	S	L	Box info	
										Pcs per pack	Kg
10207006	CGS-245P	Piccolo	Raw	66,5	100	33	89	5	3000	1	35,0
10207025	CGS-245P	Piccolo	Raw	66,5	100	33	89	5	6000	1	70,0
10207006 001	CGS-245P	Piccolo	Zinc	66,5	100	33	89	5	3000	1	35,0
10207025 001	CGS-245P	Piccolo	Zinc	66,5	100	33	89	5	6000	1	70,0

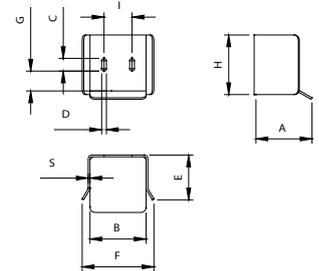


CGS-346P

Bottom end cup to be fixed
 Butée inférieure à fixer
 Unterauflageschuh zum Aufschrauben
 Encuentro inferior para fijar
 Прикрепляемый нижний упор



CODE	ART.	Size	A	B	C	D	E	F	G	H	I	S	Box info	
													Pcs per pack	Kg
10705505 001	CGS-346P	Piccolo	119	112	30	11	84	154	33	112	50	4	2	3,6
Finishing: Galvanized														
10706005	CGi-346P	Piccolo	119	112	30	11	84	154	33	112	50	4	2	3,6
Finishing: Stainless steel														

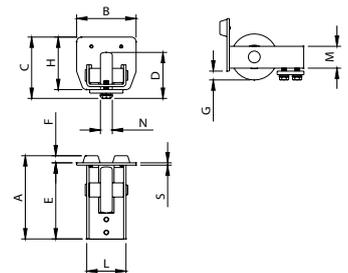


CGS-347P

End wheel for monorail
 Galet d'extrémité pour rail
 Endrad für Einfachschiene
 Rueda terminal para monocarril
 Концевое колесо монорельса



CODE	ART.	Size	A	B	C	D	E	F	G	H	L	M	N	S	Box info	
															Pcs per pack	Kg
10705005 001	CGS-347P	Piccolo	141	100	104	Ø78	129	12	15	89	66	37	20	4	2	3,4
Finishing: Galvanized																
10705305	CGi-347P	Piccolo	141	100	104	Ø78	129	12	15	89	66	37	20	4	2	3,4
Finishing: Stainless steel																



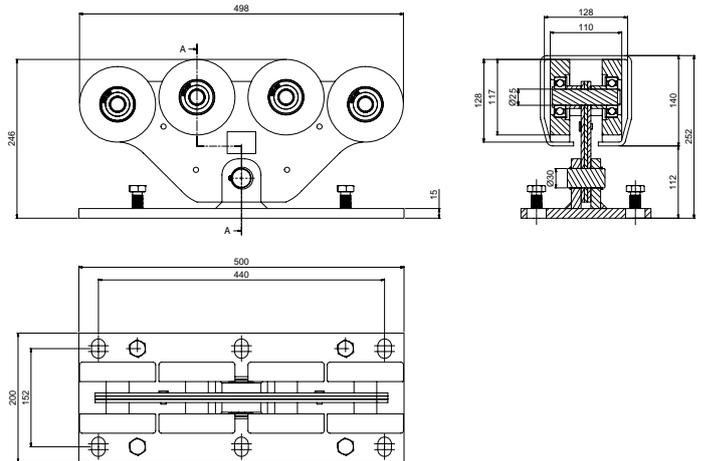
Life made easy

CGS-250.8 Grande

8 wheels cantilever carriage for gates
 Chariot autoportant 8 roues pour portails
 8-rädriger Laufwagen für freitragende Tore
 Carro autoportante 8 ruedas para puertas correderas
 Самонесущая тележка 8 колес для откатных ворот

FEATURES

- Patented multiplate body
- Noiseless bearings of new generation shielded to protect against dust suitable for temperatures from -30° C to + 80° C
- Self-balancing
- 8 support wheels for each carriage
- Longitudinal alignment on 16 wheels
- Central rotation stiffened pin

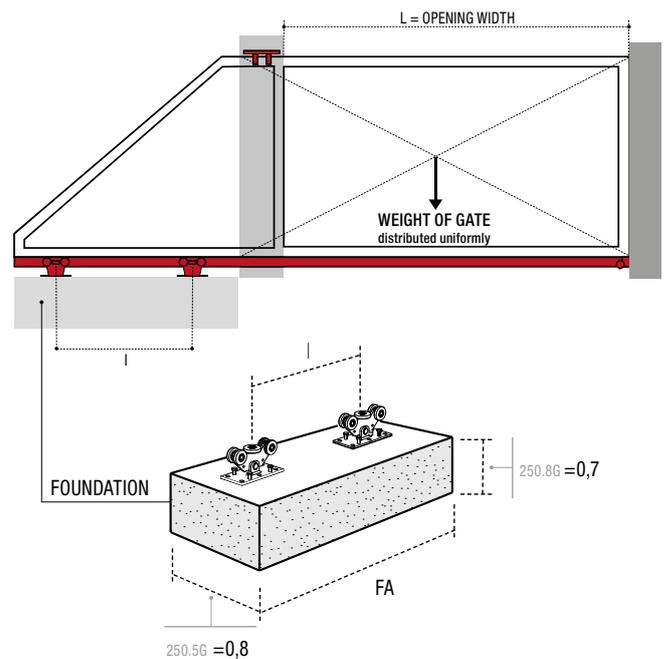


CODE	ART.	Size	Box info	
			Pcs per pack	Kg
10130012 001	CGS-250.8 G	Grande	1	26,6

Finishing: Galvanized

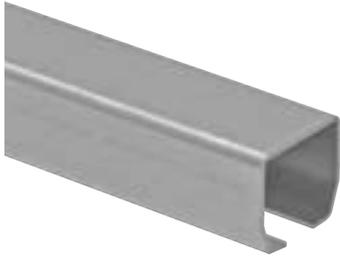
Minimum dimensions of the reinforced concrete casting
 Dimensions minimums du coulage du ciment armé
 Mindestgröße des Stahlbetonguss
 Dimensiones mínimas colada cemento armado
 Минимальные размеры железобетонной стяжки

CGS 250.8 Grande (F1max=2500 Kg)										
	L=5 m		L=5,5 m		L=6 m		L=6,5 m		L=7 m	
Weight (Kg)	FA (M)	I (M)	FA (M)	I (M)	FA (M)	I (M)	FA (M)	I (M)	FA (M)	I (M)
500	1,90	1,00	2,00	1,10	2,10	1,20	2,30	1,40	2,40	1,50
550	2,00	1,10	2,10	1,20	2,30	1,40	2,40	1,50	2,50	1,60
600	2,10	1,20	2,30	1,40	2,40	1,50	2,60	1,70	2,70	1,80
650	2,30	1,40	2,40	1,50	2,60	1,70	2,70	1,80	2,90	2,00

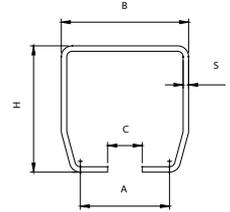


CGS-245G

Monorail for cantilever gates
 Rails pour portails autoportants
 Einfachschiene für selbsttragende Tore
 Monocarril para puertas autoportantes
 Монорельс для самонесущих ворот



CODE	ART.	Size	Finishing	A	B	C	H	S	L	Box info	
										Pcs per pack	Kg
10207006	CGS-245P	Grande	Raw	98	140	38	140	6	3000	1	67,0
10207025	CGS-245P	Grande	Raw	98	140	38	140	6	6000	1	134,0
10207006 001	CGS-245P	Grande	Zinc	98	140	38	140	6	3000	1	67,0
10207023 001	CGS-245P	Grande	Zinc	98	140	38	140	6	6000	1	134,0



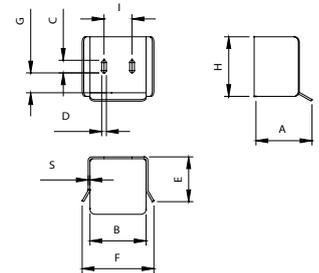
CGS-346G

Bottom end cup to be fixed
 Butée inférieure à fixer
 Unterauflageschuh zum Aufschrauben
 Encuentro inferior para fijar
 Прикрепляемый нижний упор



CODE	ART.	Size	A	B	C	D	E	F	G	H	I	S	Box info	
													Pcs per pack	Kg
10705510 001	CGS-346G	Grande	159	154	35	13	120	197	55	165	77	5	2	7,6

Finishing: Galvanized



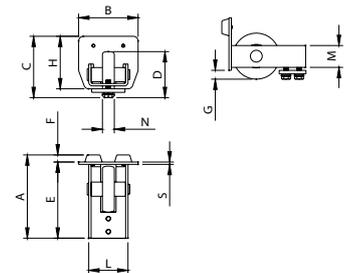
CGS-347G

End wheel for monorail
 Galet d'extrémité pour rail
 Endrad für Einfachschiene
 Rueda terminal para monocarril
 Концевое колесо монорельса



CODE	ART.	Size	A	B	C	D	E	F	G	H	L	M	N	S	Box info	
															Pcs per pack	Kg
10705010 001	CGS-347G	Grande	195	140	155	Ø98	170	24,5	15	140	95	56	30	5	2	8,3

Finishing: Galvanized



CANTILEVER GATE

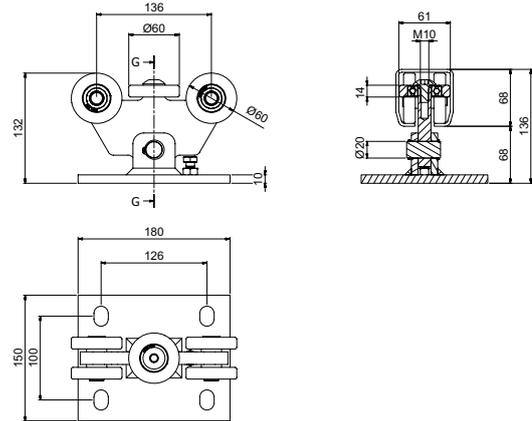
Life made easy

CGS-350.5 Mini

5 wheels cantilever carriage for gates
 Chariot autoportant 5 roues pour portails
 5-rädrieger Laufwagen für freitragende Tore
 Carro autoportante 5 ruedas para puertas correderas
 Самонесущая тележка 5 колес для откатных ворот

FEATURES

- Monoblock body that ensures strenght to the structure
- Suitable to humid climate to avoid the carriage corrosion
- Noiseless bearings of new generation shielded to protect against dust suitable for temperatures from -30 ° C to + 80 ° C
- 4 support wheels for each carriage
- Alignment Central wheel
- Central rotation pin

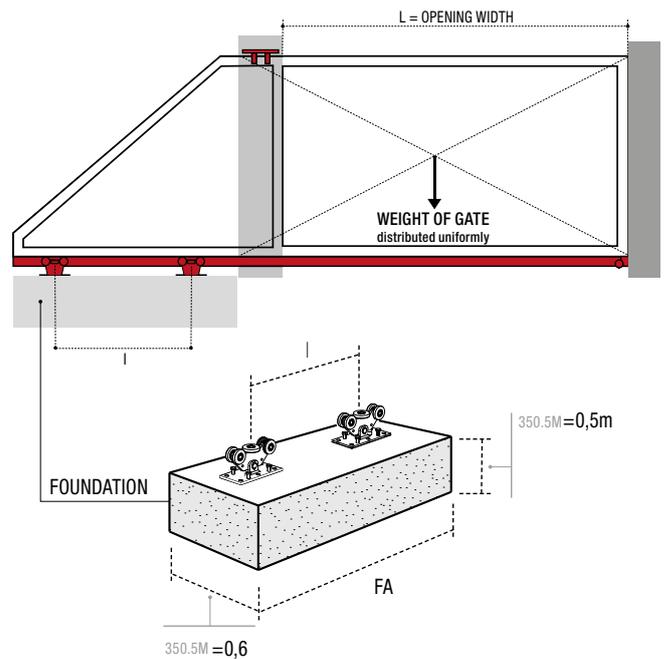


CODE	ART.	Size	Box info	
			Pcs per pack	Kg
10130001 001	CGS-350.5 M	Mini	1	5,2

Finishing: Galvanized

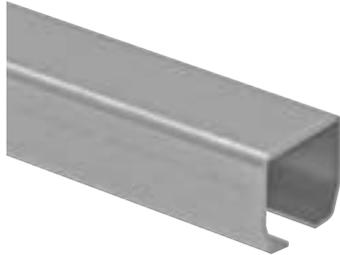
Minimum dimensions of the reinforced concrete casting
 Dimensions minimums du coulage du ciment armé
 Mindestgröße des Stahlbetonguss
 Dimensiones mínimas colada cemento armado
 Минимальные размеры железобетонной стяжки

CGS 350.5 Mini (F1max=600 Kg)										
	L=3 m		L=3,5 m		L=4 m		L=4,5 m		L=5 m	
Weight (Kg)	FA (M)	I (M)	FA (M)	I (M)	FA (M)	I (M)	FA (M)	I (M)	FA (M)	I (M)
100	1,30	0,40	1,40	0,50	1,50	0,60	1,60	0,70	1,70	0,80
125	1,50	0,60	1,60	0,70	1,70	0,80	1,80	0,90	1,90	1,00
150	1,60	0,70	1,70	0,80	1,80	0,90	2,00	1,10	2,10	1,20
175	1,80	0,90	1,90	1,00	2,00	1,20	2,20	1,30	2,40	1,50
200	1,90	1,00	2,10	1,20	2,30	1,40	2,50	1,60	2,70	1,80
225	2,10	1,20	2,30	1,40	2,50	1,70	2,80	1,90	3,00	2,10
250	2,40	1,50	2,60	1,70	2,90	2,00	3,10	2,20	3,40	2,50

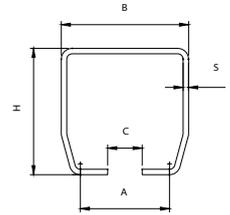


CGS-345M

Monorail for cantilever gates
 Rails pour portails autoportants
 Einfachschiene für selbsttragende Tore
 Monocarril para puertas autoportantes
 Монорельс для самонесущих ворот



CODE	ART.	Size	Finishing	A	B	C	H	S	L	Box info	
										Pcs per pack	Kg
10207001	CGS-345M	Mini	Raw	48	68	23	68	3,5	3000	1	18,25
10207002	CGS-345M	Mini	Raw	48	68	23	68	3,5	6000	1	36,50
10207001 001	CGS-345M	Mini	Zinc	98	140	38	140	6	3000	1	67,0
10207002 001	CGS-345M	Mini	Zinc	98	140	38	140	6	6000	1	134,0



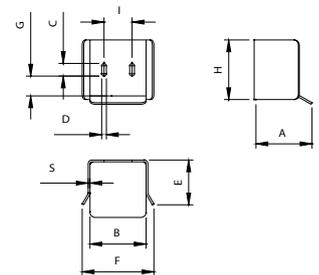
CGS-346M

Bottom end cup to be fixed
 Butée inférieure à fixer
 Unterauflageschuh zum Aufschrauben
 Encuentro inferior para fijar
 Прикрепляемый нижний упор



CODE	ART.	Size	A	B	C	D	E	F	G	H	I	S	Box info	
													Pcs per pack	Kg
10705501 001	CGS-346M	Mini	104	78	25	9	75	114	25	91	38	4	2	2,3

Finishing: Galvanized



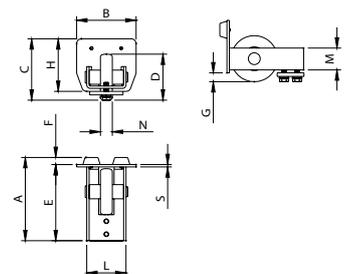
CGS-347M

End wheel for monorail
 Galet d'extrémité pour rail
 Endrad für Einfachschiene
 Rueda terminal para monocarril
 Концевое колесо монорельса



CODE	ART.	Size	A	B	C	D	E	F	G	H	L	M	N	S	Box info	
															Pcs per pack	Kg
10705001 001	CGS-347M	Mini	135	68	82,5	Ø68	123	12	14,5	68	45	32	15	4	2	2,0

Finishing: Galvanized



CANTILEVER GATE

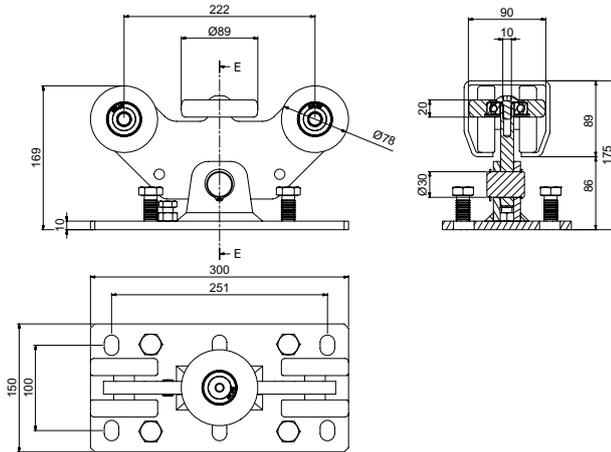
Life made easy

CGS-350.5 Piccolo

5 wheels cantilever carriage for gates
 Chariot autoportant 5 roues pour portails
 5-rädrieger Laufwagen für freitragende Tore
 Carro autoportante 5 ruedas para puertas correderas
 Самонесущая тележка 5 колес для откатных ворот

FEATURES

- Monoblock body that ensures strenght to the structure
- Suitable to humid climate to avoid the carriage corrosion
- Noiseless bearings of new generation shielded to protect against dust suitable for temperatures from -30 ° C to + 80 ° C
- 4 support wheels for each carriage
- Alignment Central wheel
- Central rotation pin

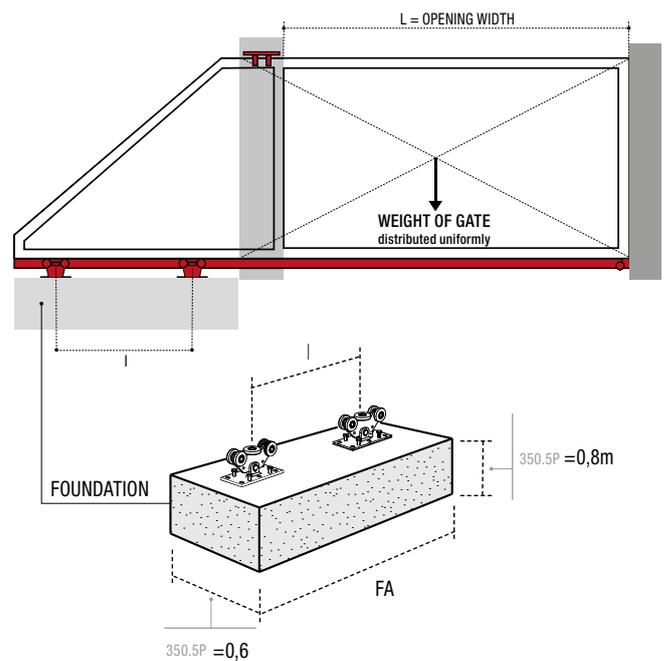


CODE	ART.	Size	Box info	
			Pcs per pack	Kg
10130005 001	CGS-350.5 P	Piccolo	1	11,0

Finishing: Galvanized

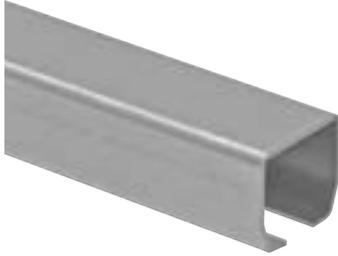
Minimum dimensions of the reinforced concrete casting
 Dimensions minimums du coulage du ciment armé
 Mindestgröße des Stahlbetonguss
 Dimensiones mínimas colada cemento armado
 Минимальные размеры железобетонной стяжки

CGS 350.5 Piccolo (F1 max=1000 Kg)										
	L=4 m		L=5 m		L=6 m		L=7 m		L=8 m	
Weight (Kg)	FA (m)	I (m)								
250	1,70	1,00	2,00	1,30	2,30	1,60	2,70	2,00	3,10	2,40
275	1,80	1,10	2,20	1,50	2,50	1,80	2,90	2,20	3,30	2,60
300	2,00	1,30	2,30	1,60	2,70	2,00	3,20	2,50	3,60	3,00
325	2,10	1,40	2,50	1,80	3,00	2,30	3,50	2,80	4,00	3,30
350	2,30	1,60	2,70	2,00	3,20	2,50	3,80	3,10	4,40	3,70
375	2,50	1,80	3,00	2,30	3,50	2,80	4,10	3,40	4,80	4,10
400	2,70	2,00	3,20	2,50	3,80	3,10	4,50	3,80	5,20	4,60

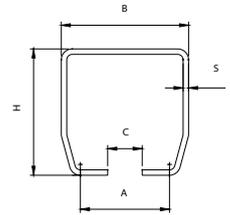


CGS-345P

Monorail for cantilever gates
 Rails pour portails autoportants
 Einfachschiene für selbsttragende Tore
 Monocarril para puertas autoportantes
 Монорельс для самонесущих ворот



CODE	ART.	Size	Finishing	A	B	C	H	S	L	Box info	
										Pcs per pack	Kg
10207005	CGS-345P	Piccolo	Raw	66,5	100	33	89	5	3000	1	35,00
10207007	CGS-345P	Piccolo	Raw	66,5	100	33	89	5	6000	1	70,00
10207005 001	CGS-345P	Piccolo	Zinc	66,5	100	33	89	5	3000	1	35,00
10207007 001	CGS-345P	Piccolo	Zinc	66,5	100	33	89	5	6000	1	70,00
10207505	CGi-345P	Piccolo	Inox	66,5	100	33	89	5	3000	1	35,00
10207507	CGi-345P	Piccolo	Inox	66,5	100	33	89	5	6000	1	70,00

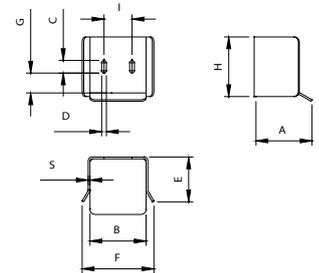


CGS-346P

Bottom end cup to be fixed
 Butée inférieure à fixer
 Unterauflageschuh zum Aufschrauben
 Encuentro inferior para fijar
 Прикрепляемый нижний упор



CODE	ART.	Size	A	B	C	D	E	F	G	H	I	S	Box info	
													Pcs per pack	Kg
10705505 001	CGS-346P	Piccolo	119	112	30	11	84	154	33	112	50	4	2	3,6
Finishing: Galvanized														
10706005	CGi-346P	Piccolo	119	112	30	11	84	154	33	112	50	4	2	3,6
Finishing: Stainless steel														

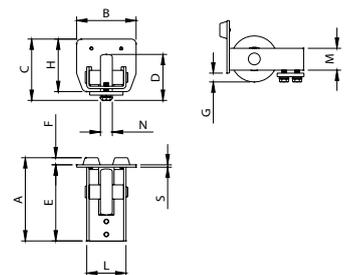


CGS-347P

End wheel for monorail
 Galet d'extrémité pour rail
 Endrad für Einfachschiene
 Rueda terminal para monocarril
 Концевое колесо монорельса



CODE	ART.	Size	A	B	C	D	E	F	G	H	L	M	N	S	Box info	
															Pcs per pack	Kg
10705005 001	CGS-347P	Piccolo	141	100	104	Ø78	129	12	15	89	66	37	20	4	2	3,4
Finishing: Galvanized																
10705305	CGi-347P	Piccolo	141	100	104	Ø78	129	12	15	89	66	37	20	4	2	3,4
Finishing: Stainless steel																



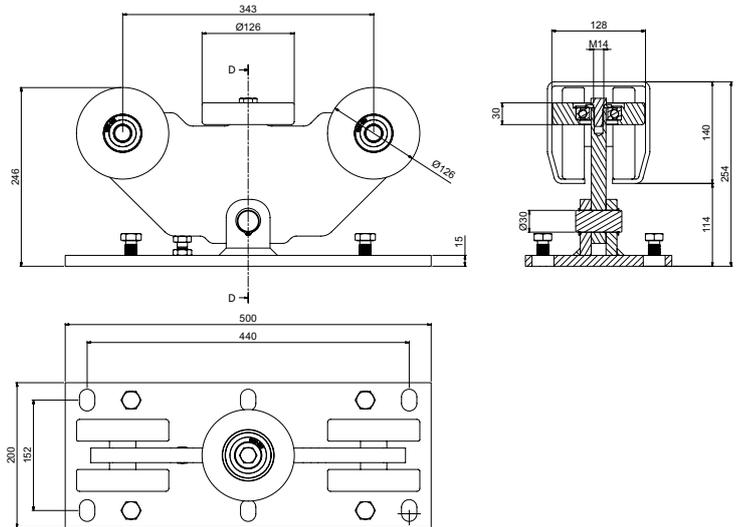
Life made easy

CGS-350.5 Grande

5 wheels cantilever carriage for gates
 Chariot autoportant 5 roues pour portails
 5-rädrieger Laufwagen für freitragende Tore
 Carro autoportante 5 ruedas para puertas correderas
 Самонесущая тележка 5 колес для откатных ворот

FEATURES

- Monoblock body that ensures strenght to the structure
- Suitable to humid climate to avoid the carriage corrosion
- Noiseless bearings of new generation shielded to protect against dust suitable for temperatures from -30 ° C to + 80 ° C
- 4 support wheels for each carriage
- Alignment Central wheel
- Central rotation pin

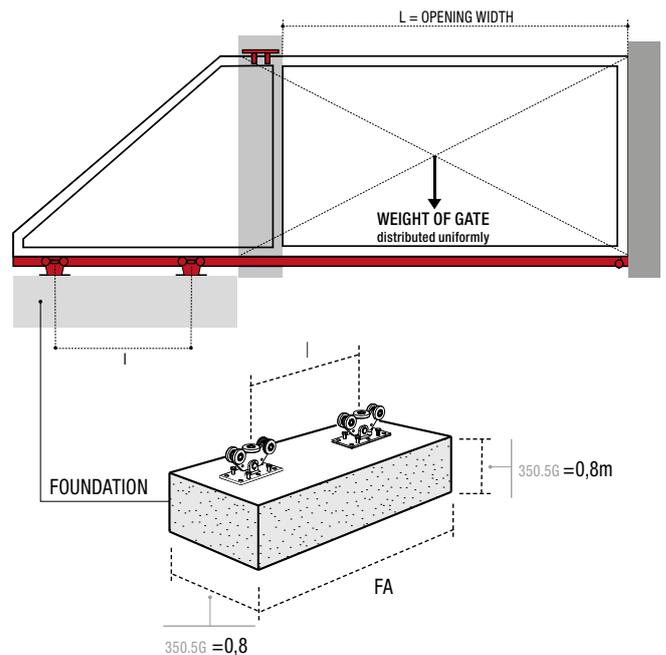


CODE	ART.	Size	Box info	
			Pcs per pack	Kg
10130010 001	CGS-350.5 G	Grande	1	26,6

Finishing: Galvanized

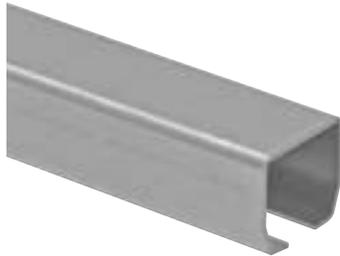
Minimum dimensions of the reinforced concrete casting
 Dimensions minimums du coulage du ciment armé
 Mindestgröße des Stahlbetonguss
 Dimensiones mínimas colada cemento armado
 Минимальные размеры железобетонной стяжки

CGS 350.5 Grande (F1max=2000 Kg)										
	L=6 m		L=7 m		L=8 m		L=9 m		L=10 m	
Weight (Kg)	FA (M)	I (M)								
400	2,20	1,30	2,50	1,60	2,80	1,90	3,10	2,20	3,50	2,60
450	2,40	1,50	2,70	1,80	3,00	2,10	3,40	2,50	3,80	2,90
500	2,60	1,70	2,90	2,00	3,30	2,40	3,70	2,80	4,10	3,20
550	2,80	1,90	3,20	2,30	3,60	2,70	4,00	3,10	4,50	3,60
600	3,00	2,10	3,40	2,50	3,90	3,00	4,40	3,50	4,90	4,00
650	3,20	2,40	3,70	2,80	4,20	3,30	4,80	3,90	5,40	4,50
700	3,50	2,60	4,00	3,10	4,60	3,70	5,20	4,30	5,90	5,00

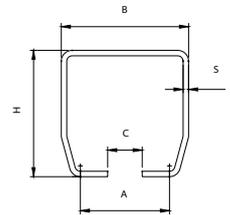


CGS-345G

Monorail for cantilever gates
 Rails pour portails autoportants
 Einfachschiene für selbsttragende Tore
 Monocarril para puertas autoportantes
 Монорельс для самонесущих ворот



CODE	ART.	Size	Finishing	A	B	C	H	S	L	Box info	
										Pcs per pack	Kg
10207020	CGS-345G	Grande	Raw	98	140	38	140	6	3000	1	67,0
10207022	CGS-345G	Grande	Raw	98	140	38	140	6	6000	1	134,0
10207020 001	CGS-345G	Grande	Zinc	98	140	38	140	6	3000	1	67,0
10207022 001	CGS-345G	Grande	Zinc	98	140	38	140	6	6000	1	134,0



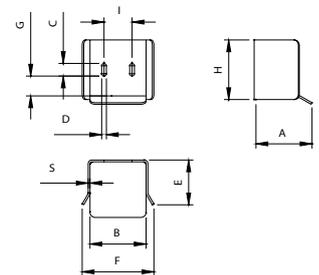
CGS-346G

Bottom end cup to be fixed
 Butée inférieure à fixer
 Unterauflageschuh zum Aufschrauben
 Encuentro inferior para fijar
 Прикрепляемый нижний упор



CODE	ART.	Size	A	B	C	D	E	F	G	H	I	S	Box info	
													Pcs per pack	Kg
10705510 001	CGS-346G	Grande	159	154	35	13	120	197	55	165	77	5	2	7,6

Finishing: Galvanized



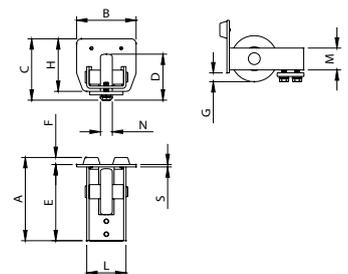
CGS-347G

End wheel for monorail
 Galet d'extrémité pour rail
 Endrad für Einfachschiene
 Rueda terminal para monocarril
 Концевое колесо монорельса



CODE	ART.	Size	A	B	C	D	E	F	G	H	L	M	N	S	Box info	
															Pcs per pack	Kg
10705010 001	CGS-347G	Grande	195	140	155	Ø98	170	24,5	15	140	95	56	30	5	2	8,3

Finishing: Galvanized



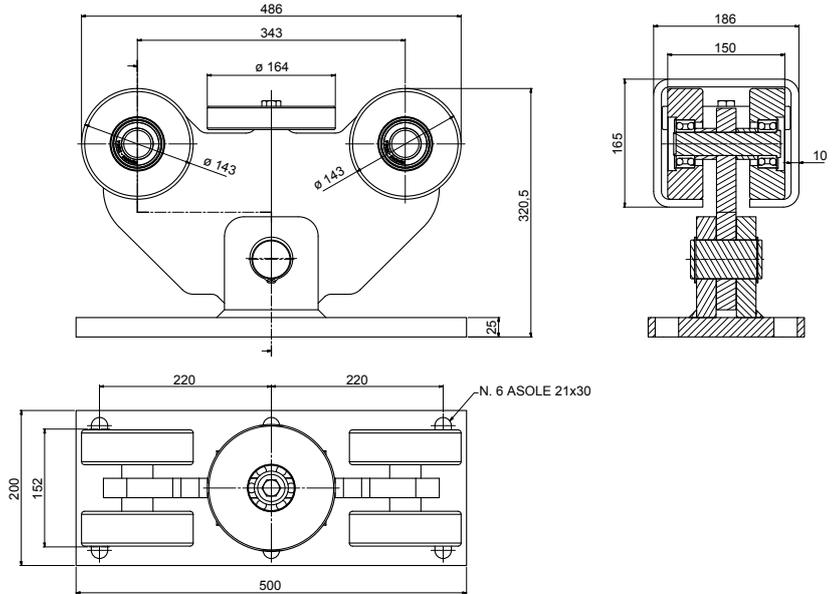
Life made easy

CGS-350.5 XL

5 wheels cantilever carriage for gates
 Chariot autoportant 5 roues pour portails
 5-rädrieger Laufwagen für freitragende Tore
 Carro autoportante 5 ruedas para puertas correderas
 Самонесущая тележка 5 колес для откатных ворот

FEATURES

- Monoblock body that ensures strenght to the structure
- Suitable to humid climate to avoid the carriage corrosion
- Double row angular shielded contact ball bearing to protect against dust; suitable for temperatures from -30 ° C to + 80 ° C
- 4 support wheels for each carriage
- Alignment Central wheel
- Central rotation pin

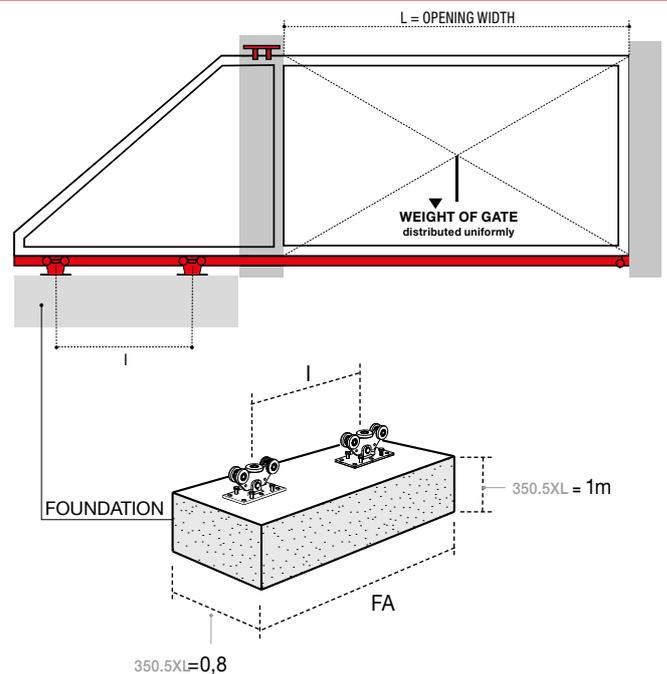


CODE	ART.	Size	Max weight	Box info	
				Pcs per pack	Kg
10130043 001	CGS-350.5XL	XL	6500 Kg	1	69

Finishing: Galvanized

Dimensioni minime getto cemento armato

CGS-350.5XL (F1max = 6500 Kg)									
Weight (Kg)	L=10 m		L=12 m		L=15 m		L=20 m		I (m)
	FA (m)	I (m)							
1500	5,00	2,40	5,00	3,0	5,90	4,14	8,20	6,40	
2000	5,20	3,40	6,10	4,3	7,64	5,84	10,9	9,10	
2500	6,60	4,80	7,80	6,0	10,0	8,20	14,7	12,9	
3000	8,40	6,6	10,2	8,40	-	-	-	-	



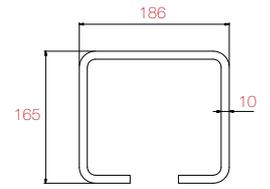
CGS-345 XL

XL Monorail for cantilever gates
 Rails XL pour portails autoportants
 Einfachschiene XL für selbsttragende Tore
 Monocarril XL para puertas autoportantes
 Монорельс XL для самонесущих ворот



CODE	ART.	Size	B	C	H	S	L	Box info	
								Pcs per pack	Kg
10207032	CGS-345XL	XL	186	60	165	10	3000	1	136,0

Finishing: Raw



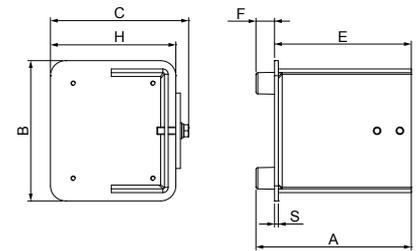
CG-20 XL

End stopper without wheel for monorail
 Embout d'extrémité sans galet pour rail
 Endpfropfen für Einfachschiene ohne Rad
 Terminal sin rueda para monocarril
 Наконечник без колеса для монорельса



CODE	ART.	Size	A	B	C	E	F	H	S	Box info	
										Pcs per pack	Kg
10707135 001	CG-20XL	XL	205	186	182	180	24,5	165	5	1	3,70

Finishing: Galvanized



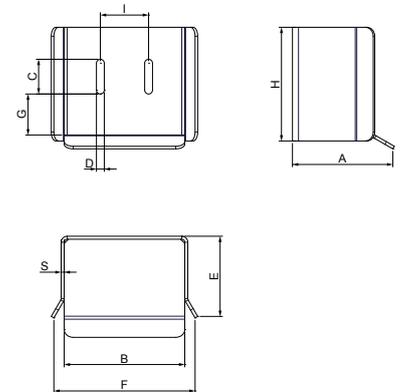
CGS-346 XL

Bottom end cup to be fixed
 Butée inférieure à fixer
 Unterauflageschuh zum Aufschrauben
 Encuentro inferior para fijar
 Прикрепляемый нижний упор



CODE	ART.	A	B	C	D	E	F	G	H	I	S	Box info	
												Pcs per pack	Kg
10705515 001	CGS-346XL	203	200	45	13	137	243	137	190	80	10	1	4,80

Finishing: Galvanized



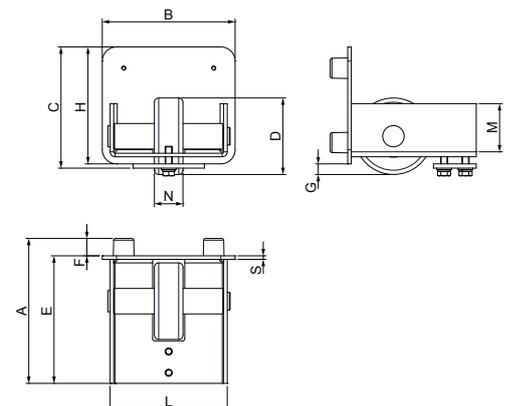
CGS-347 XL

End wheel for monorail
 Galet d'extrémité pour rail
 Endrad für Einfachschiene
 Rueda terminal para monocarril
 Концевое колесо монорельса



CODE	ART.	A	B	C	D	E	F	G	H	L	M	N	S	Box info	
														Pcs per pack	Kg
10705015 001	CGS-347XL	204	186	171	Ø108	180	24,5	15	165	164	68	40	5	1	7,10

Finishing: Galvanized



CANTILEVER GATE

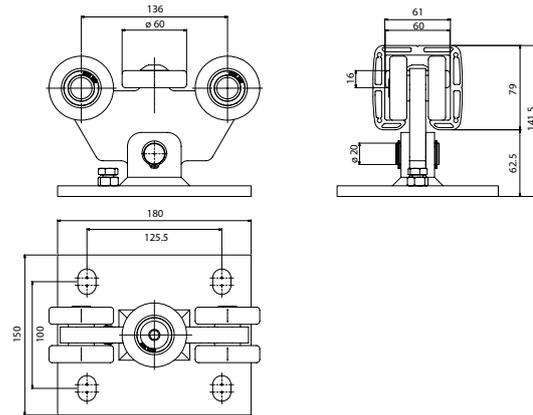
Life made easy

CGA-350.5 AL Mini Aluminium

5 nylon wheels cantilever carriage for gates
 Chariot autoportant 5 roues en nylon pour portails
 Laufwagen mit 5 Nylon-Rollen für freitragende Tore
 Carro autoportante 5 ruedas de nylon para puertas correderas
 Самонесущая тележка 5 нейлоновых колес для откатных ворот

FEATURES

- Monoblock body that ensures strenght to the structure.
- Suitable to the humid climate to avoid the carriage corrosion
- Noiseless bearings of new generation shielded to protect against dust suitable for temperatures from -20 ° C to + 60 ° C
- 4 support nylon wheels specifically for aluminum monorail
- Alignment central wheel
- Central rotation pin

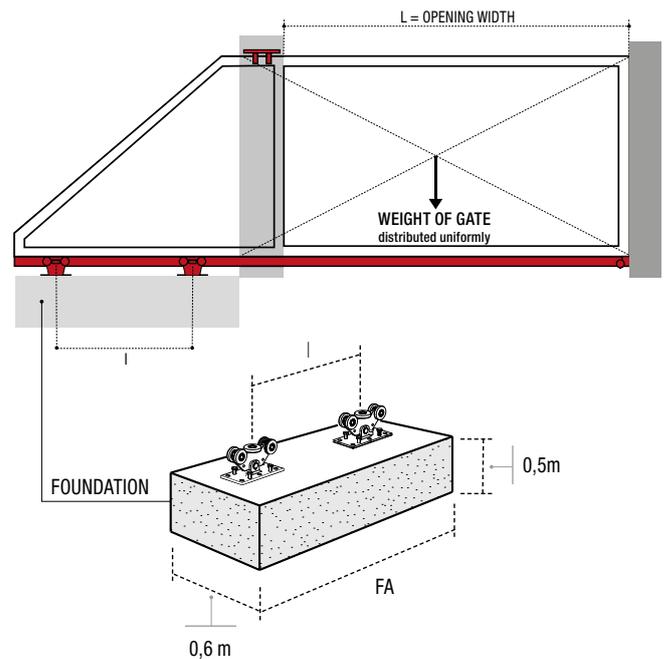


CODE	ART.	Size	Box info	
			Pcs per pack	Kg
10130600 001	CGA-350.5 AL M	Mini	1	4,5

Finishing: Galvanized

Minimum dimensions of the reinforced concrete casting
 Dimensions minimums du coulage du ciment armé
 Mindestgröße des Stahlbetonguss
 Dimensiones mínimas colada cemento armado
 Минимальные размеры железобетонной стяжки

CGA 350.5 Mini (F1max=600 Kg)										
	L=3 m		L=3,5 m		L=4 m		L=4,5 m		L=5 m	
Weight (Kg)	FA (M)	I (M)	FA (M)	I (M)	FA (M)	I (M)	FA (M)	I (M)	FA (M)	I (M)
100	1,30	0,40	1,40	0,50	1,50	0,60	1,60	0,70	1,70	0,80
125	1,50	0,60	1,60	0,70	1,70	0,80	1,80	0,90	1,90	1,00
150	1,60	0,70	1,70	0,80	1,80	0,90	2,00	1,10	2,10	1,20
175	1,80	0,90	1,90	1,00	2,00	1,20	2,20	1,30	2,40	1,50
200	1,90	1,00	2,10	1,20	2,30	1,40	2,50	1,60	2,70	1,80
225	2,10	1,20	2,30	1,40	2,50	1,70	2,80	1,90	3,00	2,10
250	2,40	1,50	2,60	1,70	2,90	2,00	3,10	2,20	3,40	2,50



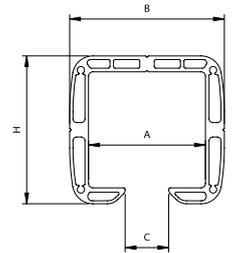
CGA-345M

Monorail for cantilever gates
 Rails pour portails autoportants
 Einfachschiene für selbsttragende Tore
 Monocarril para puertas autoportantes
 Монорельс для самонесущих ворот



CODE	ART.	Size	Finishing	A	B	C	H	L	Box info	
									Pcs per pack	Kg
10208 001	CGA-345M	Mini	Raw	61	83	23	79	3000	1	12,0
10208 003	CGA-345M	Mini	Raw	61	83	23	79	6000	1	24,0

Finishing: Aluminium



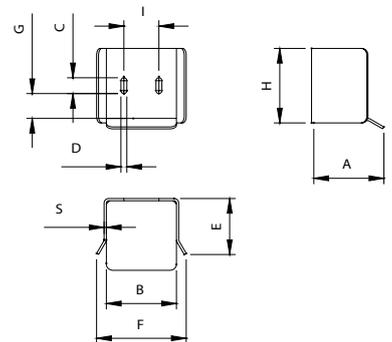
CGS-346M

Bottom end cup to be fixed
 Butée inférieure à fixer
 Unterauflageschuh zum Aufschrauben
 Encuentro inferior para fijar
 Прикрепляемый нижний упор



CODE	ART.	Size	A	B	C	D	E	F	G	H	I	S	Box info	
													Pcs per pack	Kg
10705501 001	CGS-346M	Mini	84	92	30	11	80	132	27	100	50	4	2	2,3

Finishing: Galvanized



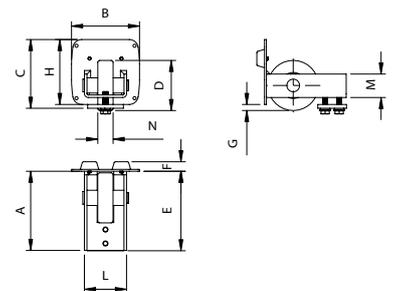
CGA-347M

Nylon end wheel for aluminium monorail
 Galet d'extrémité en nylon pour rail en aluminium
 Nylon-Endrolle für Einfachschiene aus Aluminium
 Rueda terminal de nylon para monocarril de aluminio
 Концевое колесо из нейлона для алюминиевого монорельса



CODE	ART.	Size	A	B	C	D	E	F	G	H	L	M	N	Box info	
														Pcs per pack	Kg
10705200 001	CGA-347P	Mini	140	106,5	118	Ø79	125	15	9,6	102,5	66	37	26	2	3,4

Finishing: Galvanized



CGA-350.5 AL Piccolo Aluminium

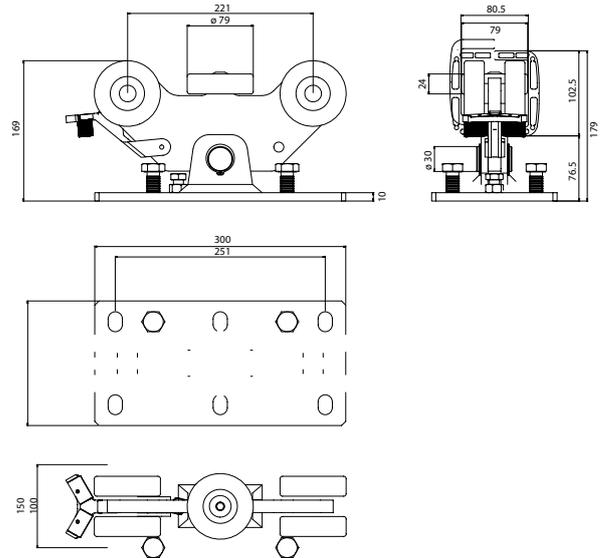
5 nylon wheels cantilever carriage for gates
 Chariot autoportant 5 roues en nylon pour portails
 Laufwagen mit 5 Nylon-Rollen für freitragende Tore
 Carro autoportante 5 ruedas de nylon para puertas correderas
 Самонесущая тележка 5 нейлоновых колес для откатных ворот

CARATTERISTICHE

- Corpo monoblocco che assicura resistenza alla struttura
- Indicato per i climi più umidi in quanto evita la corrosione del carrello
- I cuscinetti di nuova generazione schermati e silenziosi proteggono i carrelli dalla polvere; adatti a temperature che vanno dai -20° ai +60°.
- 4 ruote di supporto in nylon per monorotaia in alluminio
- Rotella centrale di allineamento
- Perno centrale di rotazione

FEATURES

- Monoblock body that ensures strenght to the structure.
- Suitable to the humid climate to avoid the carriage corrosion
- Noiseless bearings of new generation shielded to protect against dust suitable for temperatures from -20 ° C to + 60 ° C
- 4 support nylon wheels specifically for aluminium monorail
- Alignment central wheel
- Central rotation pin

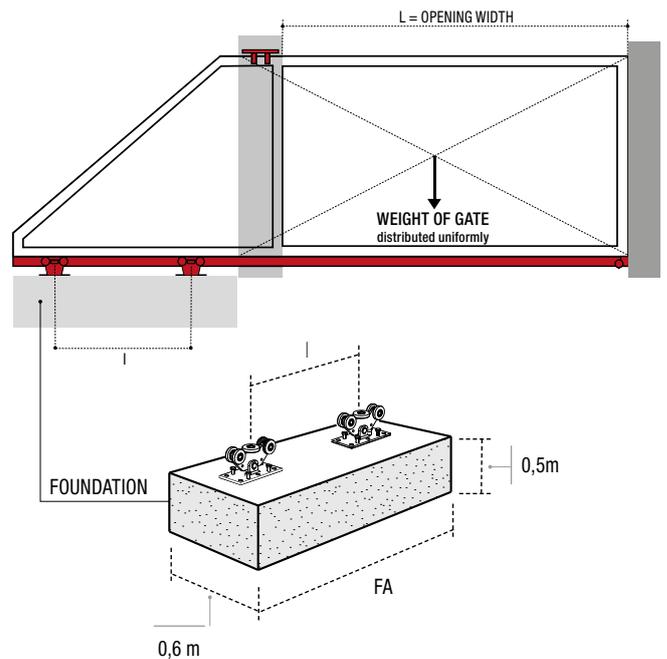


CODE	ART.	Size	Box info	
			Pcs per pack	Kg
10130605 001	CGA-350.5 AL P	Piccolo	1	8,3

Finishing: Galvanized

Minimum dimensions of the reinforced concrete casting
 Dimensions minimums du coulage du ciment armé
 Mindestgröße des Stahlbetonguss
 Dimensiones mínimas colada cemento armado
 Минимальные размеры железобетонной стяжки

CGA 350.5 Piccolo Alluminio (F1max=1000 Kg)										
	L=2,5 m		L=3 m		L=3,5 m		L=4 m		L=4,5 m	
Weight (Kg)	FA (m)	I (m)	FA (m)	I (m)	FA (m)	I (m)	FA (m)	I (m)	FA (m)	I (m)
100	0,90	0,20	1,00	0,30	1,00	0,40	2,00	1,30	1,20	0,50
125	1,00	0,30	1,10	0,40	1,10	0,40	2,20	1,50	1,30	0,60
150	1,10	0,40	1,10	0,40	1,20	0,50	2,30	1,60	1,40	0,70
175	1,10	0,40	1,20	0,50	1,30	0,60	2,60	1,90	1,50	0,80
200	1,20	0,50	1,30	0,60	1,40	0,70	2,80	2,10	1,60	0,90
225	1,30	0,60	1,40	0,70	1,50	0,80	3,00	2,30	1,70	1,00
250	1,30	0,60	1,40	0,80	1,60	0,90	3,30	2,60	1,80	1,20
275	1,40	0,70	1,50	0,80	1,70	1,00	3,50	2,80	2,00	1,30
300	1,50	0,80	1,60	1,00	1,80	1,10	3,90	3,20	2,10	1,50



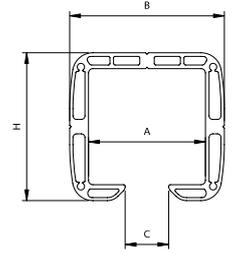
CGA-345P

Monorail for cantilever gates
 Rails pour portails autoportants
 Einfachschiene für selbsttragende Tore
 Monocarril para puertas autoportantes
 Мονорельс для самонесущих ворот



CODE	ART.	Size	Finishing	A	B	C	H	L	Box info	
									Pcs per pack	Kg
10208005	CGA-345P	Piccolo	Raw	80,5	106,5	30	102,5	3000	1	16,0
10208007	CGA-345P	Piccolo	Raw	80,5	106,5	30	102,5	6000	1	32,0

Finishing: Alluminio / Aluminium



CGS-346P

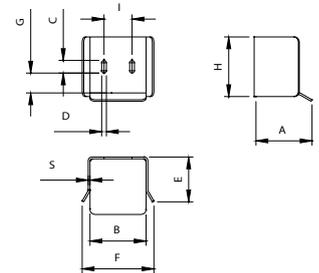
Bottom end cup to be fixed
 Butée inférieure à fixer
 Unterauflageschuh zum Aufschrauben
 Encuentro inferior para fijar
 Прикрепляемый нижний упор



CODE	ART.	Size	A	B	C	D	E	F	G	H	I	S	Box info	
													Pcs per pack	Kg
10705505 001	CGS-346P	Piccolo	119	112	30	11	84	154	33	112	50	4	2	3,6
10706005	CGI-346P	Piccolo	119	112	30	11	84	154	33	112	50	4	2	3,6

Finishing: Galvanized

Finishing: Stainless steel



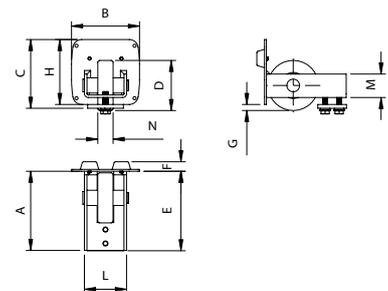
CGA-347P

Nylon end wheel for aluminium monorail
 Galet d'extrémité en nylon pour rail en aluminium
 Nylon-Endrolle für Einfachschiene aus Aluminium
 Rueda terminal de nylon para monocarril de aluminio
 Концевое колесо из нейлона для алюминиевого монорельса



CODE	ART.	Size	A	B	C	D	E	F	G	H	L	M	N	Box info	
														Pcs per pack	Kg
10705205 001	CGA-347P	Piccolo	140	106,5	118	Ø79	125	15	9,6	102,5	66	37	26	2	3,4

Finishing: Galvanized



Life made easy

CGi-350.5 P

5 wheels cantilever carriage for gates
 Chariot autoportant 5 roues pour portails
 5-rädrieger Laufwagen für freitragende Tore
 Carro autoportante 5 ruedas para puertas correderas
 Самонесущая тележка 5 колес для откатных ворот

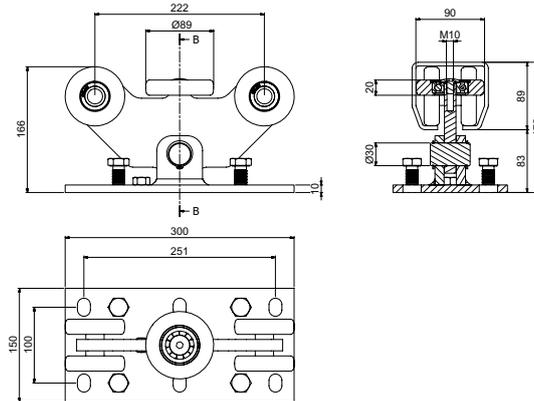


CARATTERISTICHE

- Corpo monoblocco che assicura resistenza alla struttura
- Indicato per i climi più umidi in quanto evita la corrosione del carrello
- Cuscinetti silenziosi di nuova generazione schermati per una migliore protezione dalla polvere; adatti a temperature che vanno dai -30° ai +80°
- 4 ruote di supporto in acciaio Inox
- Rotella centrale di allineamento
- Perno centrale di rotazione

FEATURES

- Monoblock body that ensure strenght to the structure
- Suitable to the humid climate to avoid the carriage corrosion
- Noiseless bearings of new generation shielded to protect against dust suitable for temperatures from -30 ° C to + 80 ° C
- 4 support stainless steel wheels
- Alignment central wheel
- Central rotation pin

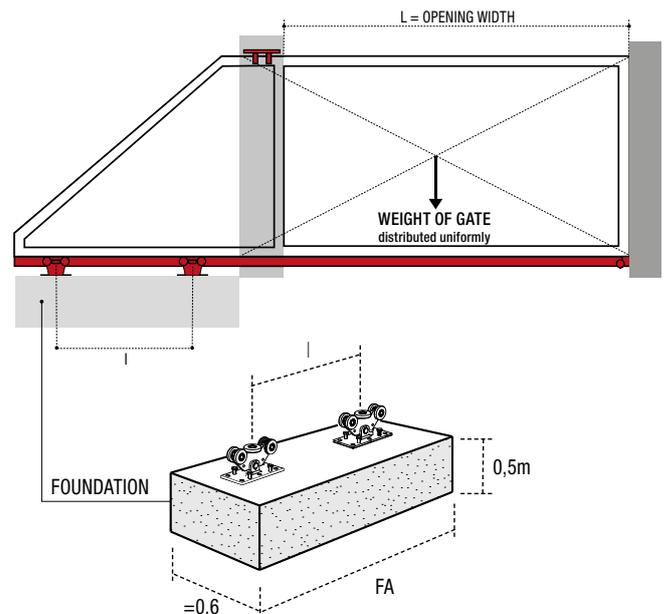


CODE	ART.	Size	Box info	
			Pcs per pack	Kg
10130305	CGi-350.5 P	Piccolo	1	11,0

Finishing: Stainless steel

Minimum dimensions of the reinforced concrete casting
 Dimensions minimums du coulage du ciment armé
 Mindestgröße des Stahlbetonguss
 Dimensiones mínimas colada cemento armado
 Минимальные размеры железобетонной стяжки

CGi 350.5 P (F1 max = 1000 Kg)										
Weight (Kg)	L=2,5 m		L=3 m		L=3,5 m		L=4 m		L=4,5 m	
	FA (m)	I (m)	FA (m)	I (m)	FA (m)	I (m)	FA (m)	I (m)	FA (m)	I (m)
250	1,70	1,00	2,00	1,30	2,30	1,60	2,70	2,00	3,10	2,40
275	1,80	1,10	2,20	1,50	2,50	1,80	2,90	2,20	3,30	2,60
300	2,00	1,30	2,30	1,60	2,70	2,00	3,20	2,50	3,60	3,00
325	2,10	1,40	2,50	1,80	3,00	2,30	3,50	2,80	4,00	3,30
350	2,30	1,60	2,70	2,00	3,20	2,50	3,80	3,10	4,40	3,70
375	2,50	1,80	3,00	2,30	3,50	2,80	4,10	3,40	4,80	4,10
400	2,70	2,00	3,20	2,50	3,80	3,10	4,50	3,80	5,20	4,60



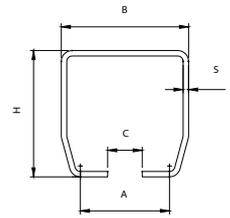
CGi-345P

Monorail in stainless steel for cantilever gates
 Rail en aluminium extrudé pour portails autoportants
 Einfachschiene aus fließgepresstem
 Aluminium für selbsttragende Tore
 Monocarril de acero inoxidable para puertas autoportantes
 Монорельс из нержавеющей стали для
 ворот из нержавеющей стали



CODE	ART.	Size	A	B	C	H	S	L	Box info	
									Pcs per pack	Kg
10207505	CGi-345P	Piccolo	66,5	100	33	89	5	3000	1	35,00
10207507	CGi-345P	Piccolo	66,5	100	33	89	5	6000	1	70,00

Finishing: Stainless steel



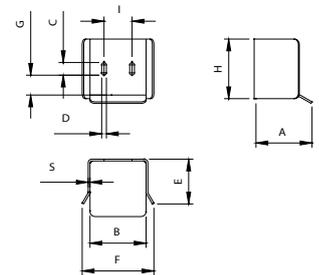
CGi-346

Bottom end cup to be fixed
 Butée inférieure à fixer
 Unterauflageschuh zum Aufschrauben
 Encuentro inferior para fijar
 Прикрепляемый нижний упор



CODE	ART.	Size	A	B	C	D	E	F	G	H	I	S	Box info	
													Pcs per pack	Kg
10706005	CGi-346P	Piccolo	119	112	30	11	84	154	33	112	50	4	2	3,6

Finishing: Stainless steel



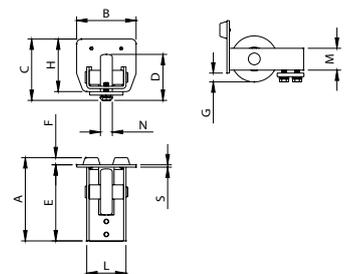
CGi-347

End wheel for monorail
 Galet d'extrémité pour rail
 Endrad für Einfachschiene
 Rueda terminal para monocarril
 Концевое колесо монорельса



CODE	ART.	Size	A	B	C	D	E	F	G	H	L	M	N	S	Box info	
															Pcs per pack	Kg
10705305	CGi-347P	Piccolo	141	100	104	Ø78	129	12	15	89	66	37	20	4	2	3,4

Finishing: Stainless steel



CANTILEVER GATE

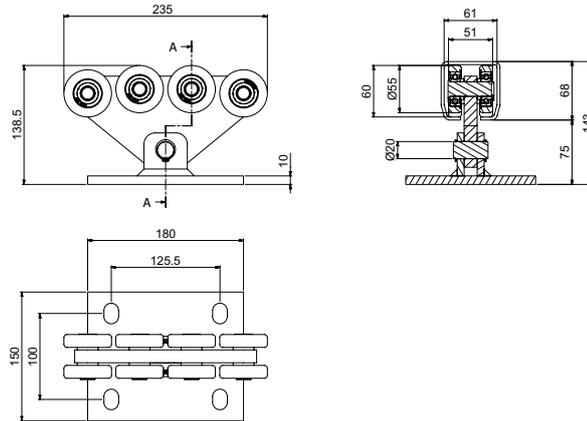
Life made easy

CGS-350.8 Mini

8 wheels cantilever carriage for gates
 Chariot autoportant 8 roues pour portails
 8-rädrieger Laufwagen für freitragende Tore
 Carro autoportante 8 ruedas para puertas correderas
 Самонесущая тележка 8 колес для откатных ворот

FEATURES

- Monoblock body that ensure strenght to the structure
- Suitable to the humid climate to avoid the carriage corrosion
- Noiseless bearings of new generation shielded to protect against dust suitable for temperatures from -30 ° C to + 80 ° C
- Self-balancing
- 8 support wheels for each carriage
- Longitudinal alignment on 16 wheels
- Central rotation pin

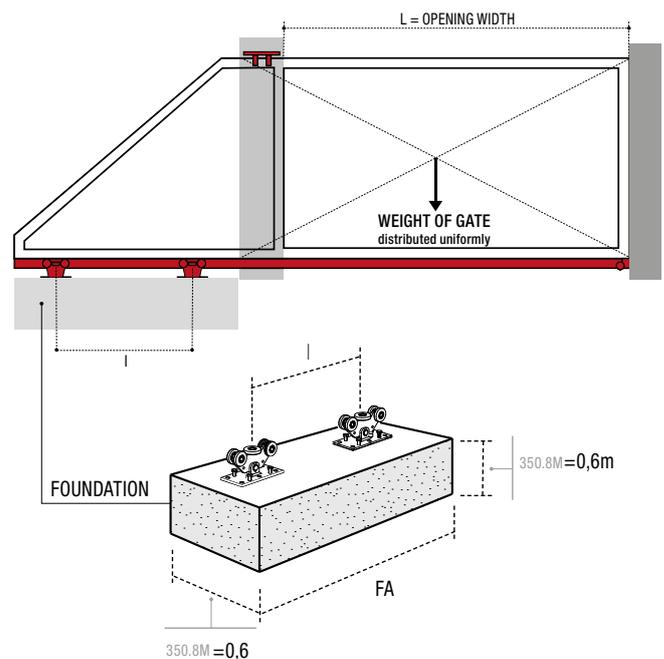


CODE	ART.	Size	Box info	
			Pcs per pack	Kg
10130002 001	CGS-350.8 M	Mini	1	5,2

Finishing: Galvanized

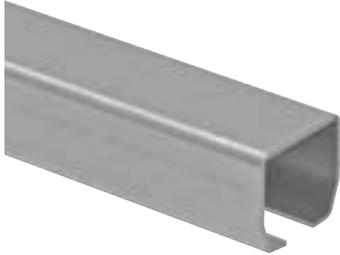
Minimum dimensions of the reinforced concrete casting
 Dimensions minimums du coulage du ciment armé
 Mindestgröße des Stahlbetonguss
 Dimensiones mínimas colada cemento armado
 Минимальные размеры железобетонной стяжки

CGS 350.8 Mini (F1max=1200 Kg)										
	L=3 m		L=4 m		L=5 m		L=6 m		L=7 m	
Weight (Kg)	FA (M)	I (M)								
100	1,10	0,20	1,20	0,30	1,20	0,30	1,30	0,40	1,40	0,50
150	1,20	0,30	1,30	0,40	1,40	0,50	1,50	0,60	1,60	0,70
200	1,30	0,40	1,40	0,50	1,60	0,70	1,70	0,80	1,90	1,00
250	1,40	0,50	1,60	0,70	1,80	0,90	1,90	1,00	2,10	1,20
300	1,50	0,60	1,70	0,90	2,00	1,10	2,20	1,30	2,40	1,50
350	1,70	0,80	1,90	1,00	2,20	1,30	2,50	1,60	2,80	1,90
400	1,90	1,00	2,20	1,30	2,50	1,60	2,80	1,90	3,10	2,20
450	2,00	1,10	2,40	1,50	2,80	1,90	3,20	2,30	3,60	2,70
500	2,30	1,40	2,70	1,80	3,10	2,20	3,60	2,70	4,10	3,20

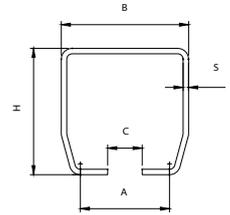


CGS-345M

Monorail for cantilever gates
 Rails pour portails autoportants
 Einfachschiene für selbsttragende Tore
 Monocarril para puertas autoportantes
 Монорельс для самонесущих ворот



CODE	ART.	Size	Finishing	A	B	C	H	S	L	Box info	
										Pcs per pack	Kg
10207001	CGS-345M	Mini	Raw	48	68	23	68	3,5	3000	1	18,25
10207002	CGS-345M	Mini	Raw	48	68	23	68	3,5	6000	1	36,50
10207001 001	CGS-345M	Mini	Zinc	98	140	38	140	6	3000	1	67,0
10207002 001	CGS-345M	Mini	Zinc	98	140	38	140	6	6000	1	134,0



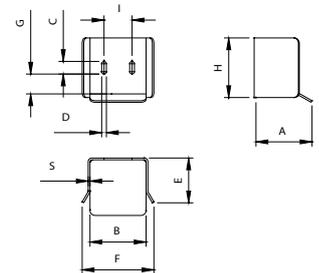
CGS-346M

Bottom end cup to be fixed
 Butée inférieure à fixer
 Unterauflageschuh zum Aufschrauben
 Encuentro inferior para fijar
 Прикрепляемый нижний упор



CODE	ART.	Size	A	B	C	D	E	F	G	H	I	S	Box info	
													Pcs per pack	Kg
10705501 001	CGS-346M	Mini	104	78	25	9	75	114	25	91	38	4	2	2,3

Finishing: Galvanized



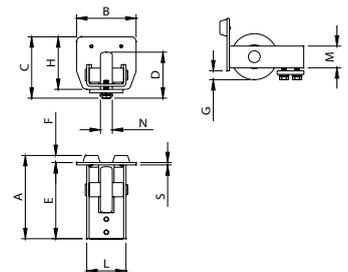
CGS-347M

End wheel for monorail
 Galet d'extrémité pour rail
 Endrad für Einfachschiene
 Rueda terminal para monocarril
 Концевое колесо монорельса



CODE	ART.	Size	A	B	C	D	E	F	G	H	L	M	N	S	Box info	
															Pcs per pack	Kg
10705001 001	CGS-347M	Mini	135	68	82,5	Ø68	123	12	14,5	68	45	32	15	4	2	2,0

Finishing: Galvanized



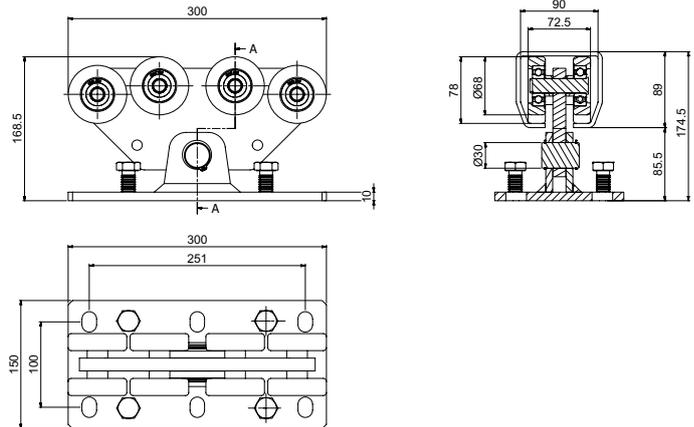
CANTILEVER GATE

CGS-350.8 Piccolo

8 wheels cantilever carriage for gates
 Chariot autoportant 8 roues pour portails
 8-rädriger Laufwagen für freitragende Tore
 Carro autoportante 8 ruedas para puertas correderas
 Самонесущая тележка 8 колес для откатных ворот

FEATURES

- Monoblock body that ensure strenght to the structure
- Suitable to the humid climate to avoid the carriage corrosion
- Noiseless bearings of new generation shielded to protect against dust suitable for temperatures from -30 ° C to + 80 ° C
- Self-balancing
- 8 support wheels for each carriage
- Longitudinal alignment on 16 wheels
- Central rotation pin

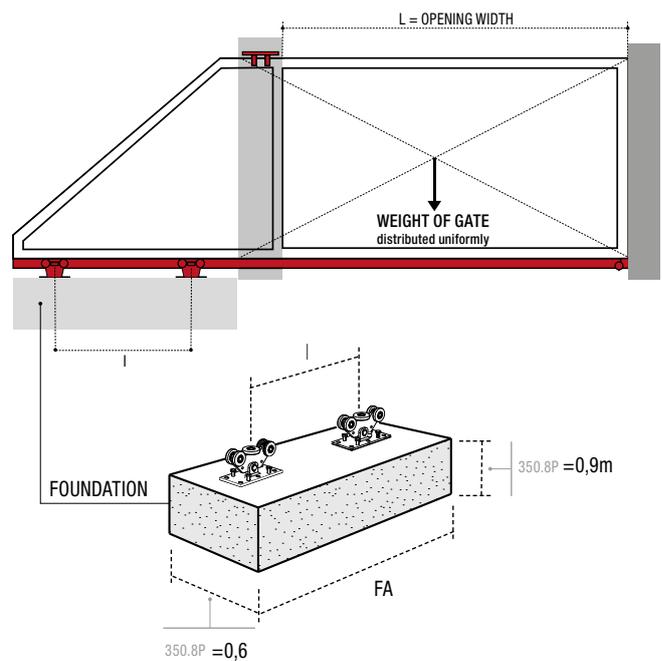


CODE	ART.	Size	Box info	
			Pcs per pack	Kg
10130006 001	CGS-350.8 P	Piccolo	1	12,0

Finishing: Galvanized

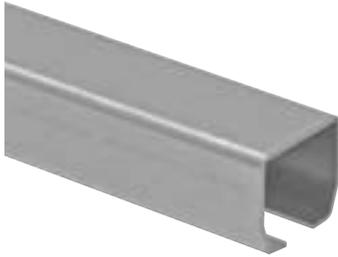
Minimum dimensions of the reinforced concrete casting
 Dimensions minimums du coulage du ciment armé
 Mindestgröße des Stahlbetonguss
 Dimensiones mínimas colada cemento armado
 Минимальные размеры железобетонной стяжки

CGS 350.8 Piccolo (F1 max=2000 Kg)										
	L=4 m		L=5 m		L=6 m		L=7 m		L=8 m	
Weight (Kg)	FA (M)	I (M)								
400	1,40	0,70	1,60	0,90	1,70	1,00	1,90	1,20	2,10	1,40
450	1,50	0,80	1,70	1,00	1,90	1,20	2,10	1,40	2,30	1,60
500	1,60	0,90	1,80	1,10	2,10	1,40	2,30	1,60	2,60	1,90
550	1,70	1,00	2,00	1,30	2,20	1,50	2,50	1,80	2,80	2,10
600	1,80	1,10	2,10	1,40	2,40	1,70	2,70	2,00	3,00	2,40
650	2,00	1,30	2,30	1,60	2,60	1,90	3,00	2,30	3,30	2,60
700	2,10	1,40	2,50	1,80	2,80	2,10	3,20	2,50	3,60	2,90
750	2,30	1,60	2,70	2,00	3,10	2,40	3,50	2,80	3,90	3,30
800	2,40	1,80	2,90	2,20	3,30	2,60	3,80	3,10	4,30	3,60

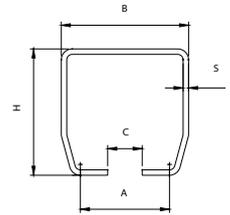


CGS-345P

Monorail for cantilever gates
 Rails pour portails autoportants
 Einfachschiene für selbsttragende Tore
 Monocarril para puertas autoportantes
 Монорельс для самонесущих ворот



CODE	ART.	Size	Finishing	A	B	C	H	S	L	Box info	
										Pcs per pack	Kg
10207005	CGS-345P	Piccolo	Raw	66,5	100	33	89	5	3000	1	35,00
10207007	CGS-345P	Piccolo	Raw	66,5	100	33	89	5	6000	1	70,00
10207005 001	CGS-345P	Piccolo	Zinc	66,5	100	33	89	5	3000	1	35,00
10207007 001	CGS-345P	Piccolo	Zinc	66,5	100	33	89	5	6000	1	70,00
10207505	CGI-345P	Piccolo	Inox	66,5	100	33	89	5	3000	1	35,00
10207507	CGI-345P	Piccolo	Inox	66,5	100	33	89	5	6000	1	70,00

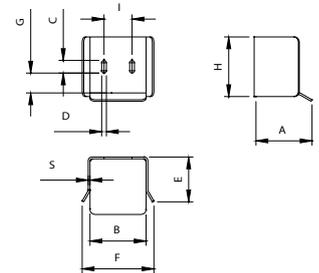


CGS-346P

Bottom end cup to be fixed
 Butée inférieure à fixer
 Unterauflageschuh zum Aufschrauben
 Encuentro inferior para fijar
 Прикрепляемый нижний упор



CODE	ART.	Size	A	B	C	D	E	F	G	H	I	S	Box info	
													Pcs per pack	Kg
10705505 001	CGS-346P	Piccolo	119	112	30	11	84	154	33	112	50	4	2	3,6
Finishing: Galvanized														
10706005	CGI-346P	Piccolo	119	112	30	11	84	154	33	112	50	4	2	3,6
Finishing: Stainless steel														

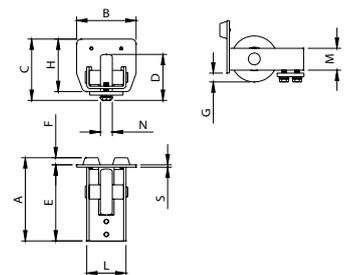


CGS-347P

End wheel for monorail
 Galet d'extrémité pour rail
 Endrad für Einfachschiene
 Rueda terminal para monocarril
 Концевое колесо монорельса



CODE	ART.	Size	A	B	C	D	E	F	G	H	L	M	N	S	Box info	
															Pcs per pack	Kg
10705005 001	CGS-347P	Piccolo	141	100	104	Ø78	129	12	15	89	66	37	20	4	2	3,4
Finishing: Galvanized																
10705305	CGI-347P	Piccolo	141	100	104	Ø78	129	12	15	89	66	37	20	4	2	3,4
Finishing: Stainless steel																



CANTILEVER GATE

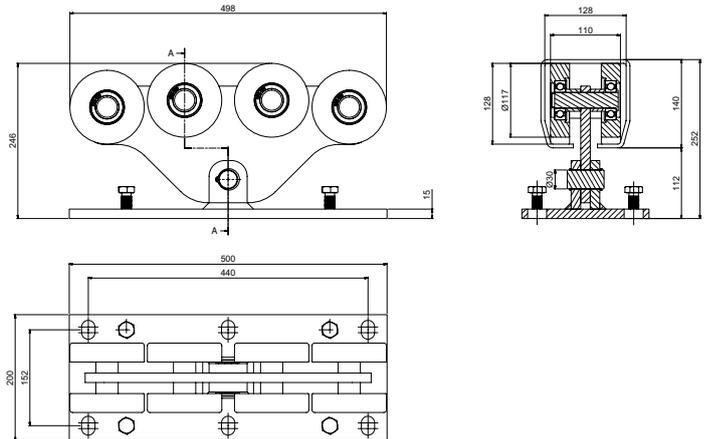
Life made easy

CGS-350.8 Grande

8 wheels cantilever carriage for gates
 Chariot autoportant 8 roues pour portails
 8-rädriger Laufwagen für freitragende Tore
 Carro autoportante 8 ruedas para puertas correderas
 Самонесущая тележка 8 колес для откатных ворот

FEATURES

- Monoblock body that ensure strenght to the structure
- Suitable to the humid climate to avoid the carriage corrosion
- Noiseless bearings of new generation shielded to protect against dust suitable for temperatures from -30 ° C to + 80 ° C
- Self-balancing
- 8 support wheels for each carriage
- Longitudinal alignment on 16 wheels
- Central rotation pin

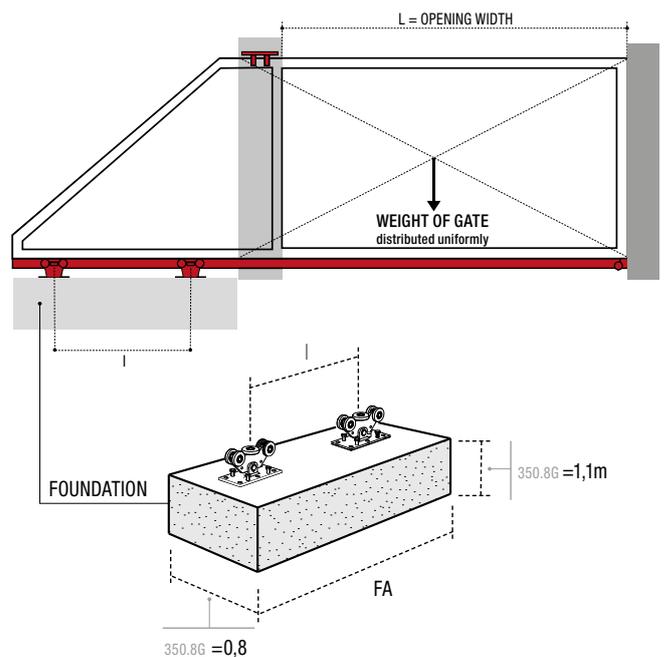


CODE	ART.	Size	Box info	
			Pcs per pack	Kg
10130011 001	CGS-350.8 G	Grande	1	44,0

Finishing: Galvanized

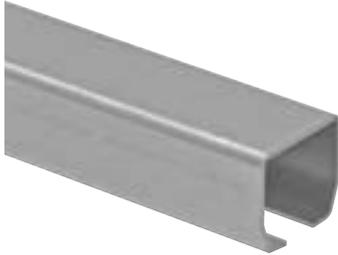
Minimum dimensions of the reinforced concrete casting
 Dimensions minimums du coulage du ciment armé
 Mindestgröße des Stahlbetonguss
 Dimensiones mínimas colada cemento armado
 Минимальные размеры железобетонной стяжки

CGS 350.8 Grande (F1max=4000 Kg)										
	L=8 m		L=10 m		L=12 m		L=14 m		L=16 m	
Weight (Kg)	FA (M)	I (M)								
800	2,40	1,50	2,80	1,90	3,30	2,40	3,80	2,90	4,40	3,50
850	2,50	1,60	2,90	2,00	3,40	2,50	4,00	3,10	4,60	3,70
900	2,60	1,70	3,10	2,20	3,60	2,70	4,20	3,30	4,90	4,00
950	2,70	1,80	3,20	2,30	3,80	2,90	4,40	3,50	5,10	4,20
1000	2,80	1,90	3,30	2,50	4,00	3,10	4,60	3,70	5,30	4,40
1050	2,90	2,00	3,50	2,60	4,10	3,20	4,80	3,90	5,60	4,70
1100	3,00	2,10	3,70	2,80	4,30	3,40	5,10	4,20	5,90	5,00
1150	3,20	2,30	3,80	2,90	4,50	3,60	5,30	4,40	6,20	5,30
1200	3,30	2,40	4,00	3,10	4,70	3,80	5,60	4,70	6,50	5,60

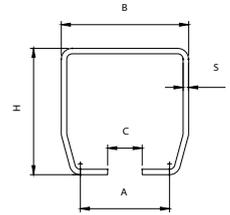


CGS-345G

Monorail for cantilever gates
 Rails pour portails autoportants
 Einfachschiene für selbsttragende Tore
 Monocarril para puertas autoportantes
 Монорельс для самонесущих ворот



CODE	ART.	Size	Finishing	A	B	C	H	S	L	Box info	
										Pcs per pack	Kg
10207020	CGS-345G	Grande	Raw	98	140	38	140	6	3000	1	67,0
10207022	CGS-345G	Grande	Raw	98	140	38	140	6	6000	1	134,0
10207020 001	CGS-345G	Grande	Zinc	98	140	38	140	6	3000	1	67,0
10207022 001	CGS-345G	Grande	Zinc	98	140	38	140	6	6000	1	134,0



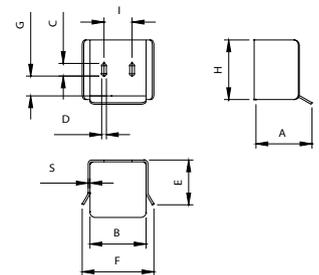
CGS-346G

Bottom end cup to be fixed
 Butée inférieure à fixer
 Unterauflageschuh zum Aufschrauben
 Encuentro inferior para fijar
 Прикрепляемый нижний упор



CODE	ART.	Size	A	B	C	D	E	F	G	H	I	S	Box info	
													Pcs per pack	Kg
10705510 001	CGS-346G	Grande	159	154	35	13	120	197	55	165	77	5	2	7,6

Finishing: Galvanized



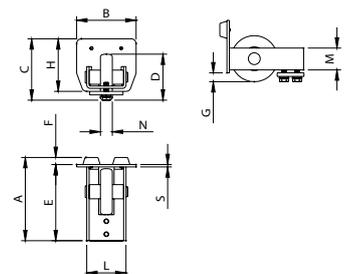
CGS-347G

End wheel for monorail
 Galet d'extrémité pour rail
 Endrad für Einfachschiene
 Rueda terminal para monocarril
 Концевое колесо монорельса



CODE	ART.	Size	A	B	C	D	E	F	G	H	L	M	N	S	Box info	
															Pcs per pack	Kg
10705010 001	CGS-347G	Grande	195	140	155	Ø98	170	24,5	15	140	95	56	30	5	2	8,3

Finishing: Galvanized

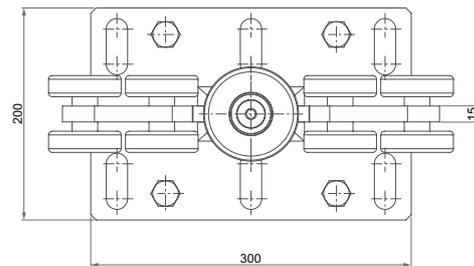
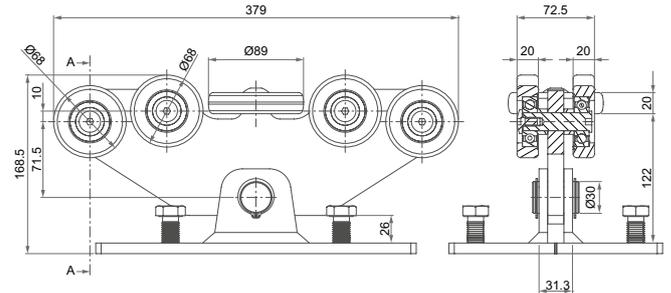


CGS-WB-350.9 Piccolo

9 wheels cantilever carriage for gates
 Chariot autoportant 9 roues pour portails
 9-rädriger Laufwagen für freitragende Tore
 Carro autoportante 9 ruedas para puertas correderas
 Самонесущая тележка 9 колес для откатных ворот

FEATURES

- Monoblock steel body that ensure strenght to the structure
- Noiseless shielded bearings of new generation to protect against dust.
Suitable for temperatures from -30 ° C to + 80 ° C
- Wheels positioned on 2 different levels in order to load the wheels alternately
- Alignment central wheel
- Thanks to central rotation pivot the carriages are self-balancing
- Adjustment screws for planarity
- Sturdy base with adjustment slots: the positioning adjustment is allowed even after installation

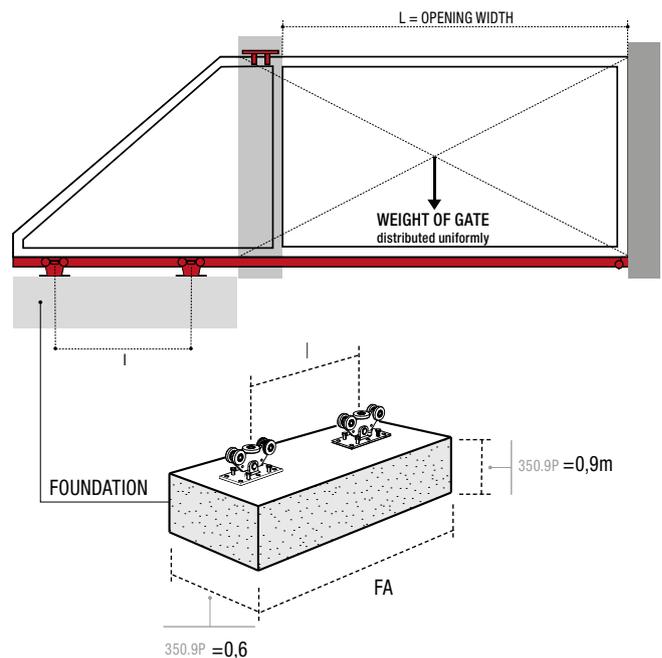


CODE	ART.	Size	Box info	
			Pcs per pack	Kg
10130064 001	CGS-WB-350.9P	Piccolo	1	13,80

Finishing: Galvanized

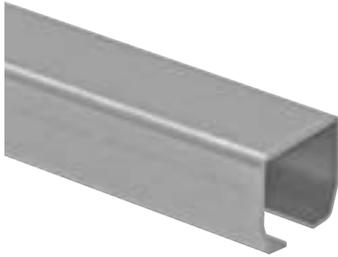
Minimum dimensions of the reinforced concrete casting
 Dimensions minimums du coulage du ciment armé
 Mindestgröße des Stahlbetonguss
 Dimensiones mínimas colada cemento armado
 Минимальные размеры железобетонной стяжки

CGS-WB-350.9P (F1 max=2000 Kg) WITH CGS-345P										
	L=4 m		L=5 m		L=6 m		L=7 m		L=8 m	
Weight (Kg)	FA (M)	I (M)								
400	1,40	0,70	1,60	0,90	1,70	1,00	1,90	1,20	2,10	1,40
450	1,50	0,80	1,70	1,00	1,90	1,20	2,10	1,40	2,30	1,60
500	1,60	0,90	1,80	1,10	2,10	1,40	2,30	1,60	2,60	1,90
550	1,70	1,00	2,00	1,30	2,20	1,50	2,50	1,80	2,80	2,10
600	1,80	1,10	2,10	1,40	2,40	1,70	2,70	2,00	3,00	2,40
650	2,00	1,30	2,30	1,60	2,60	1,90	3,00	2,30	3,30	2,60
700	2,10	1,40	2,50	1,80	2,80	2,10	3,20	2,50	3,60	2,90
750	2,30	1,60	2,70	2,00	3,10	2,40	3,50	2,80	3,90	3,30
800	2,40	1,80	2,90	2,20	3,30	2,60	3,80	3,10	4,30	3,60



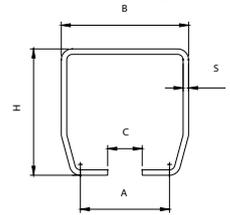
CGS-345P

Monorail for cantilever gates
 Rails pour portails autoportants
 Einfachschiene für selbsttragende Tore
 Monocarril para puertas autoportantes
 Монорельс для самонесущих ворот



CODE	ART.	Size	Finishing	A	B	C	H	S	L	Box info	
										Pcs per pack	Kg
10207005	CGS-345P	Piccolo	Raw	66,5	100	33	89	5	3000	1	35,00
10207007	CGS-345P	Piccolo	Raw	66,5	100	33	89	5	6000	1	70,00
10207005 001	CGS-345P	Piccolo	Zinc	66,5	100	33	89	5	3000	1	35,00
10207007 001	CGS-345P	Piccolo	Zinc	66,5	100	33	89	5	6000	1	70,00
10207505	CGI-345P	Piccolo	Inox	66,5	100	33	89	5	3000	1	35,00
10207507	CGI-345P	Piccolo	Inox	66,5	100	33	89	5	6000	1	70,00

Categoria commerciale: 1R



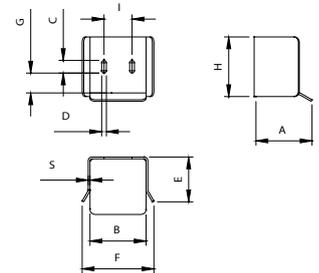
CGS-346P

Bottom end cup to be fixed
 Butée inférieure à fixer
 Unterauflageschuh zum Aufschrauben
 Encuentro inferior para fijar
 Прикрепляемый нижний упор



CODE	ART.	Size	A	B	C	D	E	F	G	H	I	S	Box info	
													Pcs per pack	Kg
10705505 001	CGS-346P	Piccolo	119	112	30	11	84	154	33	112	50	4	2	3,6
Finishing: Galvanized														
10706005	CGI-346P	Piccolo	119	112	30	11	84	154	33	112	50	4	2	3,6
Finishing: Stainless steel														

Categoria commerciale: 1T



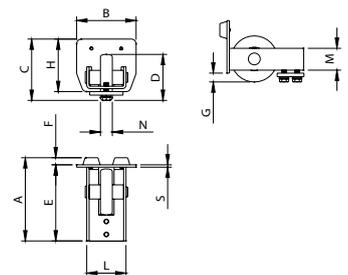
CGS-347P

End wheel for monorail
 Galet d'extrémité pour rail
 Endrad für Einfachschiene
 Rueda terminal para monocarril
 Концевое колесо монорельса



CODE	ART.	Size	A	B	C	D	E	F	G	H	L	M	N	S	Box info	
															Pcs per pack	Kg
10705005 001	CGS-347P	Piccolo	141	100	104	Ø78	129	12	15	89	66	37	20	4	2	3,4
Finishing: Galvanized																
10705305	CGI-347P	Piccolo	141	100	104	Ø78	129	12	15	89	66	37	20	4	2	3,4
Finishing: Stainless steel																

Categoria commerciale: 1

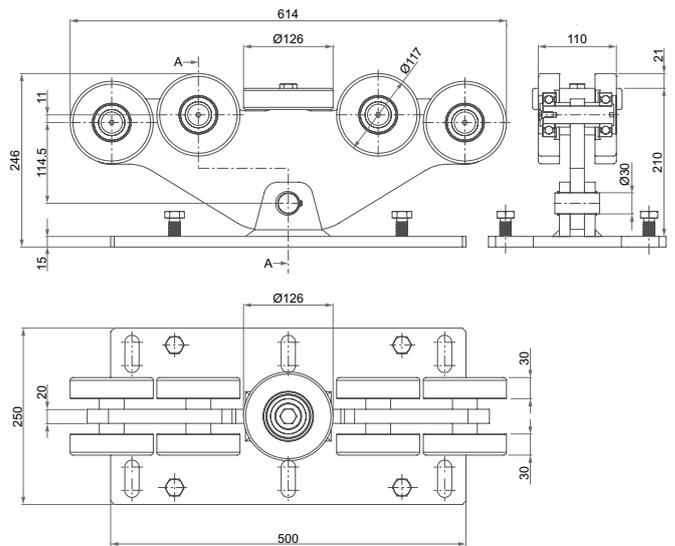


CGS-WB-350.9 Grande

9 wheels cantilever carriage for gates
 Chariot autoportant 9 roues pour portails
 9-rädrieger Laufwagen für freitragende Tore
 Carro autoportante 9 ruedas para puertas correderas
 Самонесущая тележка 9 колес для откатных ворот

FEATURES

- Monoblock steel body that ensure strenght to the structure
- Noiseless shielded bearings of new generation to protect against dust.
- Suitable for temperatures from -30 ° C to + 80 ° C
- Wheels positioned on 2 different levels in order to load the wheels alternately
- Alignment central wheel
- Thanks to central rotation pivot the carriages are self-balancing
- Adjustment screws for planarity
- Sturdy base with adjustment slots: the positioning adjustment is allowed even after installation

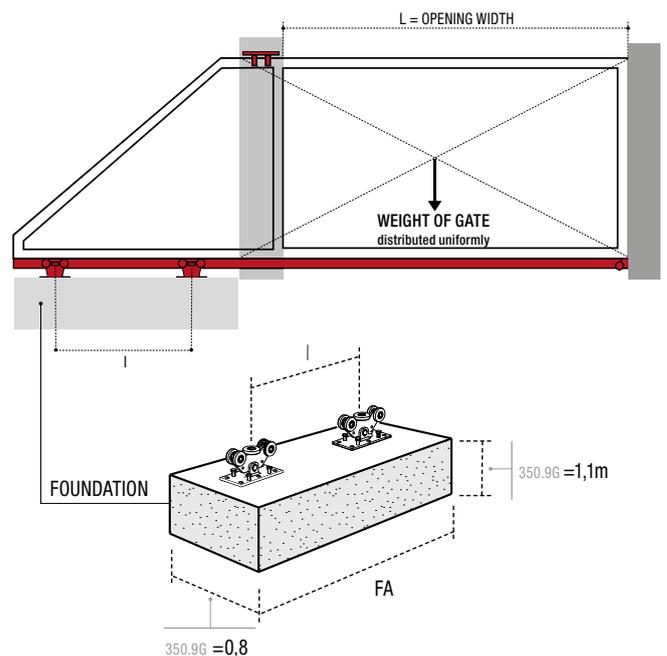


CODE	ART.	Size	Box info	
			Pcs per pack	Kg
10130065 001	CGS-WB-350.9G	Grande	1	48,60

Finishing: Galvanized

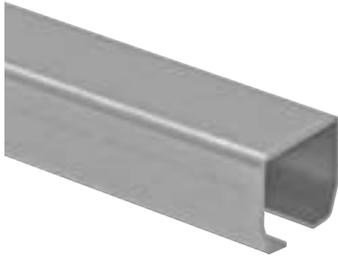
Minimum dimensions of the reinforced concrete casting
 Dimensions minimums du coulage du ciment armé
 Mindestgröße des Stahlbetonguss
 Dimensiones mínimas colada cemento armado
 Минимальные размеры железобетонной стяжки

CGS-WB-350.9G (F1 max=4000 Kg) WITH CGS-345G										
	L=8 m		L=10 m		L=12 m		L=14 m		L=16 m	
Weight (Kg)	FA (M)	I (M)								
800	2,40	1,50	2,80	1,90	3,30	2,40	3,80	2,90	4,40	3,50
850	2,50	1,60	2,90	2,00	3,40	2,50	4,00	3,10	4,60	3,70
900	2,60	1,70	3,10	2,20	3,60	2,70	4,20	3,30	4,90	4,00
950	2,70	1,80	3,20	2,30	3,80	2,90	4,40	3,50	5,10	4,20
1000	2,80	1,90	3,30	2,50	4,00	3,10	4,60	3,70	5,30	4,40
1050	2,90	2,00	3,50	2,60	4,10	3,20	4,80	3,90	5,60	4,70
1100	3,00	2,10	3,70	2,80	4,30	3,40	5,10	4,20	5,90	5,00
1150	3,20	2,30	3,80	2,90	4,50	3,60	5,30	4,40	6,20	5,30
1200	3,30	2,40	4,00	3,10	4,70	3,80	5,60	4,70	6,50	5,60

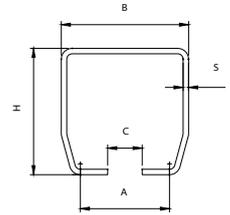


CGS-345G

Monorail for cantilever gates
 Rails pour portails autoportants
 Einfachschiene für selbsttragende Tore
 Monocarril para puertas autoportantes
 Монорельс для самонесущих ворот



CODE	ART.	Size	Finishing	A	B	C	H	S	L	Box info	
										Pcs per pack	Kg
10207020	CGS-345G	Grande	Raw	98	140	38	140	6	3000	1	67,0
10207022	CGS-345G	Grande	Raw	98	140	38	140	6	6000	1	134,0
10207020 001	CGS-345G	Grande	Zinc	98	140	38	140	6	3000	1	67,0
10207022 001	CGS-345G	Grande	Zinc	98	140	38	140	6	6000	1	134,0



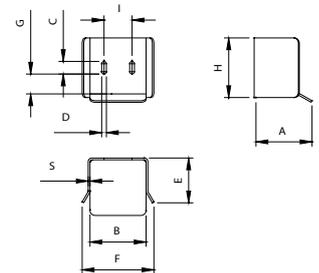
CGS-346G

Bottom end cup to be fixed
 Butée inférieure à fixer
 Unterauflageschuh zum Aufschrauben
 Encuentro inferior para fijar
 Прикрепляемый нижний упор



CODE	ART.	Size	A	B	C	D	E	F	G	H	I	S	Box info	
													Pcs per pack	Kg
10705510 001	CGS-346G	Grande	159	154	35	13	120	197	55	165	77	5	2	7,6

Finishing: Galvanized



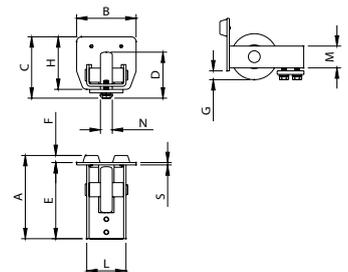
CGS-347G

End wheel for monorail
 Galet d'extrémité pour rail
 Endrad für Einfachschiene
 Rueda terminal para monocarril
 Концевое колесо монорельса



CODE	ART.	Size	A	B	C	D	E	F	G	H	L	M	N	S	Box info	
															Pcs per pack	Kg
10705010 001	CGS-347G	Grande	195	140	155	Ø98	170	24,5	15	140	95	56	30	5	2	8,3

Finishing: Galvanized



CANTILEVER GATE

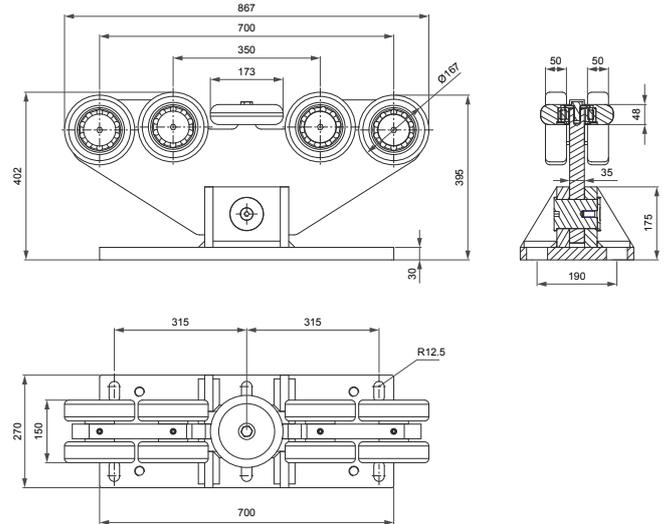
Life made easy

CGS-450.9-20K

9 wheels cantilever carriage for heavy gates
 Chariot autoportant 9 roues pour portails lourds
 9-rädriger Laufwagen für freitragende schwere Tore
 Carro autoportante 9 ruedas para puertas correderas pesadas
 Самонесущая тележка 9 колес для тяжелые ворота

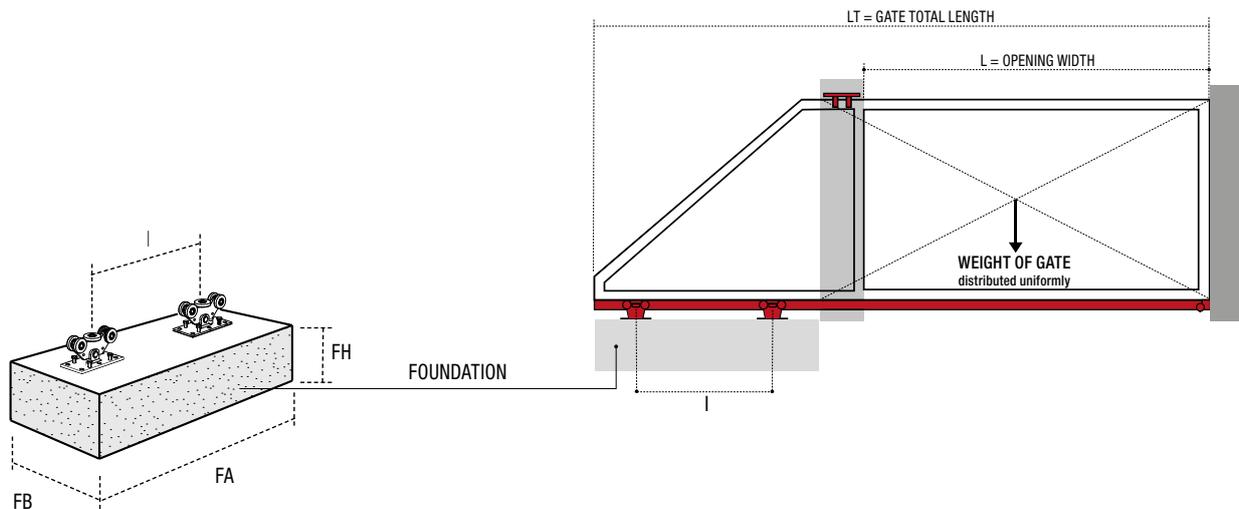
FEATURES

- Monoblock steel body that ensure strenght to the structure
- Replaceable wheels
- Noiseless bearings of new generation shielded to protect against dust suitable for temperatures from -30 ° C to + 80 ° C
- The positioning of the wheels on 2 different heights allows you to load the wheels alternately.
- Longitudinal alignment on 16 wheels
- Alignment central wheel
- Central rotation pin
- Adjustment screws for planarity.



CODE	ART.	Size	Box info	
			Pcs per pack	Kg
10130070 001	CGS-450.9-20K	Grande	1	198

Finishing: Galvanized



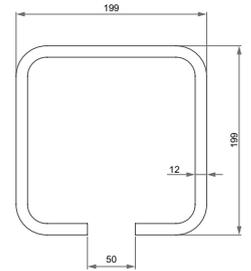
For the structural calculation of the foundation (FA, FB, FH), the distance between the carriages (l) and the type of anchoring, it is recommended to contact a design studio. The total length of the gate (LT) depends on the calculated distance l.

CGS-495-20K

Monorail for cantilever gates
 Rails pour portails autoportants
 Einfachschiene für selbsttragende Tore
 Monocarril para puertas autoportantes
 Монорельс для самонесущих ворот



CODE	ART.	Length mm	Finishing	Box info	
				Pcs per pack	Kg
10207040	CGS-495-20K	3000	Raw	1	195



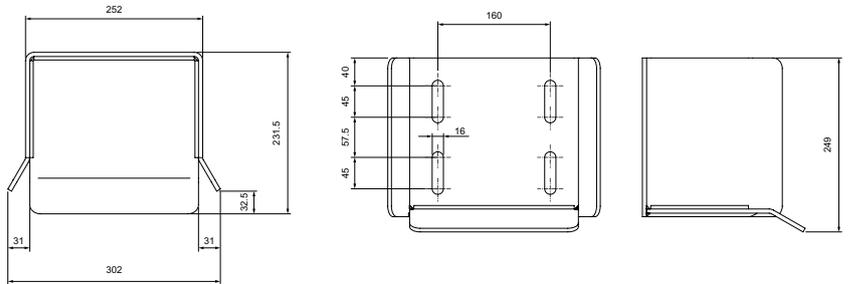
CGS-496-20K

Bottom end cup to be fixed
 Butée inférieure à fixer
 Unterauflegesohle zum Aufschrauben
 Encuentro inferior para fijar
 Прикрепляемый нижний упор



CODE	ART.	Box info	
		Pcs per pack	Kg
10705520 001	CGS-496-20K	1	9,5

Finishing: Galvanized



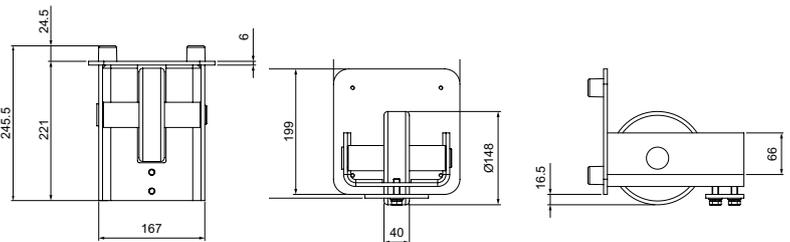
CGS-497-20K

End wheel for monorail
 Galet d'extrémité pour rail
 Endrad für Einfachschiene
 Rueda terminal para monocarril
 Концевое колесо монорельса



CODE	ART.	Box info	
		Pcs per pack	Kg
10705020 001	CGS-497-20K	2	23

Finishing: Galvanized



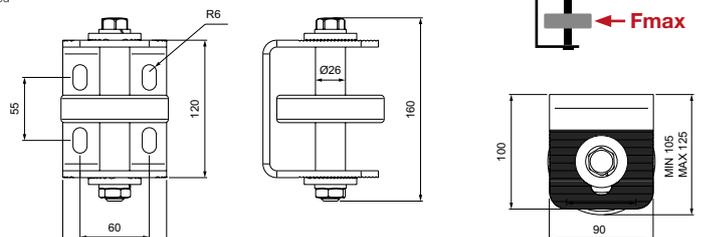
CGS-499

Guide plate for sliding gates and self-supporting
 Platine guide pour portails coulissants et autoportants
 Führungsplatte für Schiebetore und selbsttragende Tore
 Placa guía para cancelas corredizas y auto-sustentadoras
 Направляющая пластина для раздвижных и само-несущих ворот



CODE	ART.	Capacity Fmax	Box info	
			Pcs per pack	Kg
11310401 001	CGS-499	500 Kg	2	4

Finishing: Galvanized



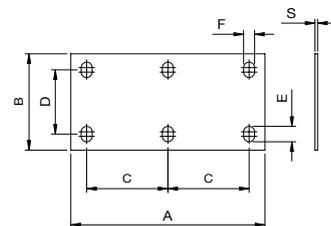
CANTILEVER GATE

CG-05

Counter plate for carriages -small and large
 Contre-plaque pour chariots – petit e grand
 Gegenplatte für Laufwagen gross und klein
 Contraplaca para carros pequeño y grande
 Контролплита для больших и малых тележек



CODE	ART.	Size	A	B	C	D	E	F	S	Box info	
										Pcs per pack	Kg
10131005 001	CG-05P	Piccolo	300	150	125,5	100	24	17	4	2	2,70
10131010 001	CG-05G	Grande	500	200	220	152	30	21	4	2	6,00
Finishing: Galvanized											
10131305	CGi-05P	Piccolo	300	150	125,5	100	24	17	4	2	2,70
Finishing: Stainless steel											

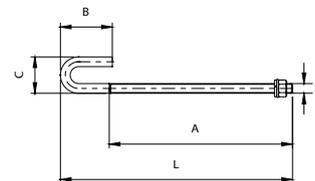


CG-348

Threaded tie rods for carriages CGS 350 and CGS 350.8
 Tirant fileté pour chariots CGS 350 et CGS 350.8
 Gewindestange für Laufwagen CGS 350 und CGS 350.8
 Anclaje roscado para carros CGS 350 y CGS 350.8
 Резьбовое анкерное крепление для тележек CGS 350 и CGS 350.8



CODE	ART.	Size	A	B	C	L	M	Box info	
								Pcs per pack	Kg
10130505 001	CG-348	M16	300	85	60	380	M16	12	8,40
10130510 001	CG-348	M20	300	85	70	385	M20	12	13,10
Finishing: Galvanized									
10130705	CGi-348	M16	300	85	60	380	M16	12	8,40
Finishing: Stainless steel									



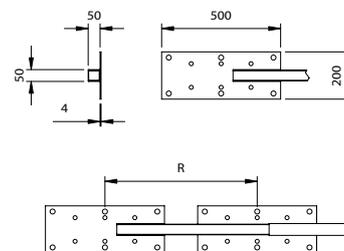
CG-10

Alignment tie rods template and fixture of the carriages
 Calibre d'alignement des tirants et fixation chariots
 Lehre für die Aufreihung der Gewindestangen
 und für die Laufwagenbefestigung
 Plantilla de alineación anclajes y fijación carros
 Шаблон выравнивания с анкерным
 креплением и креплением для тележек



CODE	ART.	R	Box info	
			Pcs per pack	Kg
10131100 001	CG-10	500 ÷ 5400	1	20,00

Finishing: Galvanized



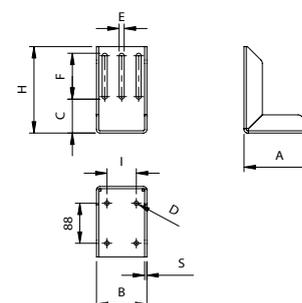
CG-15

Adjustable wall mounting angle racket for end cup
 Platine angulaire réglable fixation au mur pour butée
 Verstellbare Eckmuerhalterung für Auflageschuh
 Placa angular regulable fijación a la pared para encuentro
 Угловой регулируемый кронштейн
 крепления к стене для упора



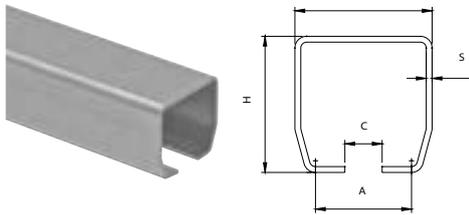
CODE	ART.	A	B	C	D	E	F	H	I	S	Box info	
											Pcs per pack	Kg
10708001 001	CG-15M	155	110	65	Ø 9,5	9	78	165	64	5	1	2,60
10708005 001	CG-15P	155	110	80	Ø 9,5	11	90	190	64	5	1	2,90
10708010 001	CG-15G	155	120	82	Ø 13	13	117	220	70	5	1	3,30

Finishing: Galvanized



CGS-245

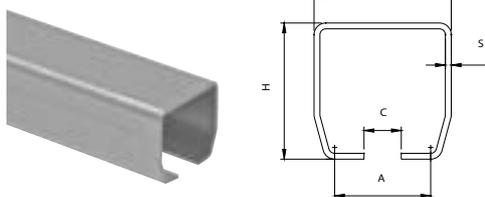
Monorail for cantilever gates
 Rails pour portails autoportants
 Einfachschiene für selbsttragende Tore
 Monocarril para puertas autoportantes
 Мonorель для самонесущих ворот



CODE	ART.	Size	Finishing	A	B	C	H	S	L	Box info	
										Pcs per pack	Kg
10207004	CGS-245M	Mini	Raw	48	68	23	68	3,5	3000	1	18,25
10207024	CGS-245M	Mini	Raw	48	68	23	68	3,5	6000	1	36,50
10207006	CGS-245P	Piccolo	Raw	66,5	100	33	89	5	3000	1	35,00
10207025	CGS-245P	Piccolo	Raw	66,5	100	33	89	5	6000	1	70,00
10207014	CGS-245G	Grande	Raw	98	140	38	140	6	3000	1	67,00
10207026	CGS-245G	Grande	Raw	98	140	38	140	6	6000	1	134,00
10207004 001	CGS-245M	Mini	Zinc	48	68	23	68	3,5	3000	1	18,25
10207024 001	CGS-245M	Mini	Zinc	48	68	23	68	3,5	6000	1	36,50
10207006 001	CGS-245P	Piccolo	Zinc	66,5	100	33	89	5	3000	1	35,00
10207025 001	CGS-245P	Piccolo	Zinc	66,5	100	33	89	5	6000	1	70,00
10207014 001	CGS-245G	Grande	Zinc	98	140	38	140	6	3000	1	67,00
10207026 001	CGS-245G	Grande	Zinc	98	140	38	140	6	6000	1	134,00
10207505	CGi-345P	Piccolo	Inox	66,5	100	33	89	5	3000	1	35,00
10207507	CGi-345P	Piccolo	Inox	66,5	100	33	89	5	6000	1	70,00

CGS-345

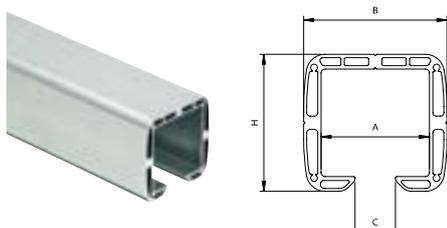
Monorail for cantilever gates
 Rails pour portails autoportants
 Einfachschiene für selbsttragende Tore
 Monocarril para puertas autoportantes
 Мonorель для самонесущих ворот



CODE	ART.	Size	Finishing	A	B	C	H	S	L	Box info	
										Pcs per pack	Kg
10207001	CGS-345M	Mini	Raw	48	68	23	68	3,5	3000	1	18,25
10207002	CGS-345M	Mini	Raw	48	68	23	68	3,5	6000	1	36,50
10207005	CGS-345P	Piccolo	Raw	66,5	100	33	89	5	3000	1	35,00
10207007	CGS-345P	Piccolo	Raw	66,5	100	33	89	5	6000	1	70,00
10207020	CGS-345G	Grande	Raw	98	140	38	140	6	3000	1	67,00
10207022	CGS-345G	Grande	Raw	98	140	38	140	6	6000	1	134,00
10207001 001	CGS-345M	Mini	Zinc	48	68	23	68	3,5	3000	1	18,25
10207002 001	CGS-345M	Mini	Zinc	48	68	23	68	3,5	6000	1	36,50
10207005 001	CGS-345P	Piccolo	Zinc	66,5	100	33	89	5	3000	1	35,00
10207007 001	CGS-345P	Piccolo	Zinc	66,5	100	33	89	5	6000	1	70,00
10207020 001	CGS-345G	Grande	Zinc	98	140	38	140	6	3000	1	67,00
10207022 001	CGS-345G	Grande	Zinc	98	140	38	140	6	6000	1	134,00
10207505	CGi-345P	Piccolo	Inox	66,5	100	33	89	5	3000	1	35,00
10207507	CGi-345P	Piccolo	Inox	66,5	100	33	89	5	6000	1	70,00
10207032	CGS-345XL	XL	Raw	66,5	100	33	89	5	5800	1	136,00

CGA-345

Monorail in extruded aluminium for cantilever gates
 Rail en aluminium extrudé pour portails autoportants
 Einfachschiene aus fließgepresstem
 Aluminium für selbsttragende Tore
 Monocarril de aluminio extruido para puertas autoportantes
 Мonorель из экструдированного алюминия для самонесущих ворот



CODE	ART.	Size	Finishing	A	B	C	H	L	Box info	
									Pcs per pack	Kg
10208001	CGA-345M	Mini	Raw	61	83	23	79	3000	1	12,00
10208003	CGA-345M	Mini	Raw	61	83	23	79	6000	1	24,00
10208005	CGA-345P	Piccolo	Raw	80,5	106,5	30	102,5	3000	1	16,00
10208007	CGA-345P	Piccolo	Raw	80,5	106,5	30	102,5	6000	1	32,00
10208009	CGA-345G	Grande	Raw	128	168	38	164	3000	1	50,30
10208011	CGA-345G	Grande	Raw	128	168	38	164	6000	1	100,65

Finishing: Aluminium

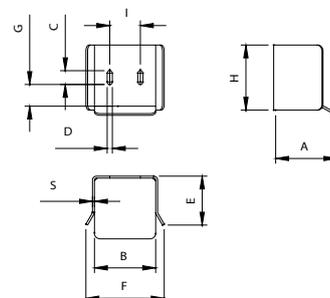
Life made easy

CGS-346

Bottom end cup to be fixed
 Butée inférieure à fixer
 Unterauflageschuh zum Aufschrauben
 Encuentro inferior para fijar
 Прикрепляемый нижний упор



CODE	ART.	A	B	C	D	E	F	G	H	I	S	Box info	
												Pcs per pack	Kg
10705501 001	CGS-346M	104	78	25	9	75	114	25	91	38	4	2	2.10
10705505 001	CGS-346P	119	112	30	11	84	154	33	112	50	4	2	3.26
10705510 001	CGS-346G	159	154	35	13	120	197	55	165	77	5	2	7.37
10705515 001	CGS-346XL	203	200	45	13	137	243	137	190	80	10	1	4.80
Finishing: Galvanized													
10706005	CGi-346P	119	112	30	11	84	154	33	112	50	4	2	3,60
Finishing: Stainless steel													

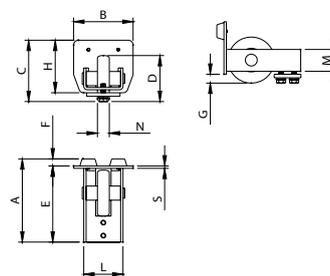


CGS-347

End wheel for monorail
 Galet d'extrémité pour rail
 Endrad für Einfachschiene
 Rueda terminal para monocarril
 Концевое колесо монорельса



CODE	ART.	A	B	C	D	E	F	G	H	L	M	N	S	Box info	
														Pcs per pack	Kg
10705001 001	CGS-347M	135	68	82,5	∅ 68	123	12	14,5	68	45	32	15	4	2	1.80
10705005 001	CGS-347P	141	100	104	∅ 78	129	12	15	89	66	37	20	4	2	3.42
10705010 001	CGS-347G	195	140	155	∅ 98	170	24,5	15	140	95	56	30	5	2	8.39
10705015 001	CGS-347XL	204	186	171	∅ 108	180	24,5	15	165	164	68	40	5	1	7.10
Finishing: Galvanized															
10705305	CGi-347P	141	100	104	∅ 78	129	12	15	89	66	37	20	4	2	3,40
Finishing: Stainless steel															

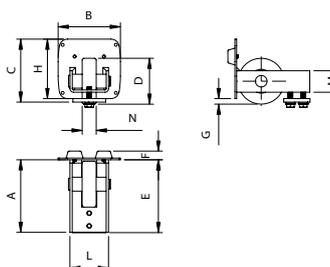


CGA-347

Nylon end wheel for aluminium monorail
 Galet d'extrémité en nylon pour rail en aluminium
 Nylon-Endrolle für Einfachschiene aus Aluminium
 Rueda terminal de nylon para monocarril de aluminio
 Концевое колесо из нейлона для алюминиевого монорельса



CODE	ART.	A	B	C	D	E	F	G	H	L	M	N	Box info	
													Pcs per pack	Kg
10705200 001	CGA-347M	119	83	83	∅ 66	119	16	7	79	45	32	15	2	2,10
10705205 001	CGA-347P	140	106,5	118	∅ 79	125	15	9,6	102,5	66	37	26	2	3,40
10705210 001	CGA-347G	185	168	170	∅ 117	185	24,5	11,5	164	95	56	30	2	8,30
Finishing: Aluminium														



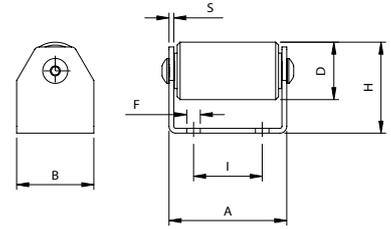
CG-35

Intermediate support with nylon roller
 Support intermédiaire de soutien avec rouleau en nylon
 Mittlerer Stütze für selbsttragende Tore
 Soporte intermedio de sostén con rodillo de nylon
 Промежуточная опора с нейлоновым роликом



CODE	ART.	A	B	D	F	H	I	S	Box info	
									Pcs per pack	Kg
10707705 001	CG-35P	122	80	∅ 60	17	95	70	5	1	1,40
10707710 001	CG-35G	161	100	∅ 80	21	120	90	6	1	3,10

Finishing: Galvanized



CG-20

End stopper without wheel for monorail
 Embout d'extrémité sans galet pour rail
 Endpfropfen für Einfachschiene ohne Rad
 Terminal sin rueda para monocarril
 Наконечник без колеса для монорельса

M/P



G

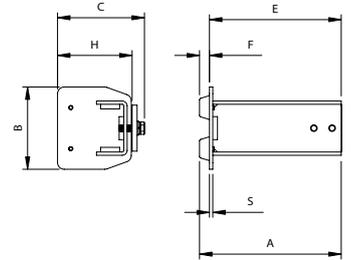


XL



CODE	ART.	Size	A	B	C	E	F	H	S	Box info	
										Pcs per pack	Kg
10707101 001	CG-20M	Mini	68	68	78	155	12	68	4	2	1,20
10707105 001	CG-20P	Piccolo	100	100	105	155	12	89	4	2	1,80
10707110 001	CG-20G	Grande	140	140	155	165	24,5	140	5	2	3,90
10707135 001	CG-20XL	XL	205	186	182	180	24,5	165	5	1	3,70

Finishing: Galvanized



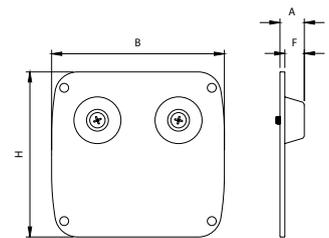
CGA-20

End stopper for aluminium monorail
 Embout d'extrémité sans galet pour rail en aluminium
 Endpfropfen für Einfachschiene aus Aluminium
 Terminal para monocarril de aluminio
 Наконечник для алюминиевого монорельса



CODE	ART.	Size	A	B	F	H	Box info	
							Pcs per pack	Kg
10707001 001	CGA-20M	Mini	16	83	12	79	2	0,44
10707005 001	CGA-20P	Piccolo	15	106,5	12	102,5	2	0,60
10707010 001	CGA-20G	Grande	29,5	168	24,5	164	2	2,20

Finishing: Aluminium



CG-21

End stopper without wheel for monorail
 Embout d'extrémité sans galet pour rail
 Abschlußplatte für Laufprofil ohne Rad
 Terminal sin rueda para monocarril
 Наконечник без колеса для монорельса

M

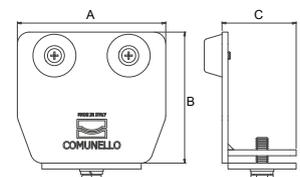


P/G



CODE	ART.	Size	A	B	C	Box info	
						Pcs per pack	Kg
10707115 001	CG-21M	Mini	68	68	49	4	1,30
10707120 001	CG-21P	Piccolo	100	89	50	4	1,70
10707125 001	CG-21G	Grande	140	140	53	4	4,90

Finishing: Aluminium



CANTILEVER GATE

Life made easy

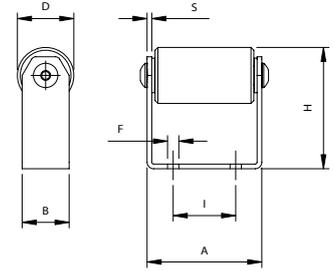
CG-25

Lower end cup with nylon roller
Butée inférieure avec rouleau en nylon
Unterauflageschuh mit Nylonrolle
Encuentro inferior con rodillo de nylon
Нижний упор с нейлоновый ролик



CODE	ART.	Size	A	B	D	F	H	I	S	Box info	
										Pcs per pack	Kg
10707501 001	CG-25M	Mini	80	40	∅ 50	8,5	115	45	5	2	1,30
10707505 001	CG-25P	Piccolo	122	50	∅ 60	11	130	75	5	2	2,60
10707510 001	CG-25G	Grande	161	60	∅ 80	13	140	90	6	2	5,00

Finishing: Galvanized



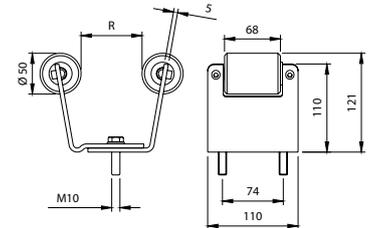
CG-30

Adjustable end cup to be fixed for gates
Butée réglable à fixer pour portails
Verstellbarer Auflageschuh zum Aufschrauben für Tore
Encuentro para puertas regulable para fijar
Прикрепляемый упор для ворот регулируемый



CODE	ART.	Size	R	Box info	
				Pcs per pack	Kg
10707601 001	CG-30M	Mini	53-76	1	1,50
10707605 001	CG-30P	Piccolo	86-114	1	1,90
10707610 001	CG-30G	Grande	103-150	1	2,30

Finishing: Galvanized



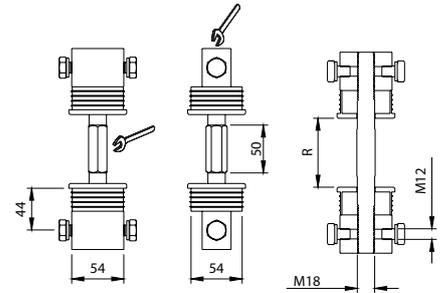
CG-40

Tension bar for gate regulation
Tirants pour réglage portails
Ankerbolzen zur Torregulierung
Tensores de acero galvanizado para regulaciones puertas
Тяга из оцинкованной стали для регулирования ворот



CODE	ART.	R		Box info	
				Pcs per pack	Kg
10131400 001	CG-40	50-100	19	2	1,30

Finishing: Galvanized



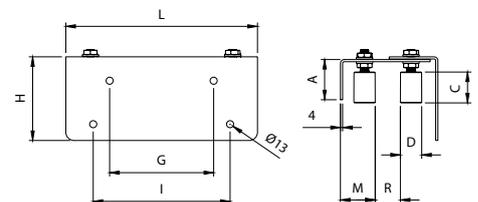
CG-251

Adjustable gate guide plate to be fixed with long wing
Plaque guide portail réglable à fixer avec aile longue
Verstellbare Torführungsplatte mit langem Flügel zum Aufschrauben
Placa de guía de la puerta regulable con ala larga para fijar
Пластина регулируемая направляющая ворот с длинной прикрепляемой полкой



CODE	ART.	A	C	D	G	H	I	L	M	R	Box info	
											Pcs per pack	Kg
11310005 001	CG-251	74	58	∅40	190	154	230	350	44-88	70-110	1	6,70
11310305	CGi-251	74	58	∅40	190	154	230	350	44-88	70-110	1	6,70

Finishing: Stainless steel



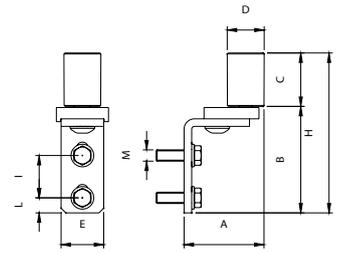
CG-252

Adjustable support against derailment for art. CG-254
 Support réglable anti-déraillement pour art. CG-254
 Verstellbares Lager gegen Entgleisung für CG-254
 Soporte anti-descarrilamiento regulable para art. CG-254
 Опора для защиты от схода с рельсов регулируемая для арт. CG-254



CODE	ART.	A	B	C	D	E	H	I	L	M	Box info	
											Pcs per pack	Kg
11310100 001	CG-252	55-85	109	57	Ø40	46	167	53	16	M12	2	1,60

Finishing: Galvanized

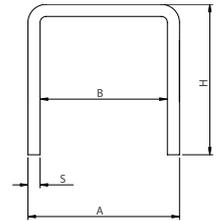


CG-254

U channel for supports against derailment
 Caniveau à U pour supports anti-déraillement
 Gegen Entgleisung U-Einfachschiene
 Perfil en "U" para soporte anti-descarrilamiento
 Желоб в форме "U" для опоры защиты от схода с рельсов

CODE	ART.	A	B	H	L	S	Box info	
							Pcs per pack	Kg
10210150 001	CG-254	50	42	50	3000	4	1	13,00

Finishing: Galvanized



CG-256

Rubber roller for guiding gate
 Rouleau en caoutchouc guide-portail
 Torföhrungsrolle aus Schwarz Gummi
 Rodillo de goma de guía de la puerta
 Резиновый ролик направляющей ворот



CODE	ART.	A	Box info	
			Pcs per pack	Kg
11310300 001	CG-256	40	2	0,8
11310301 001	CG-256	50	2	1,7

Finishing: Galvanized

260

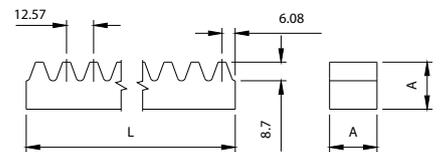
Square rack
 Crémaillère carrée
 Viereckige Zahnstange
 Cremallera cuadrada
 Зубчатая рейка квадратная



CODE	ART.	Size	A	Module	Box info	
					Pcs per pack	Kg
11400505 001	260-22x22	L=1000	22	4	1	3,10
11400510 001	260-22x22	L=2000	22	4	1	6,20
11400515 001	260-30x30	L=1000	30	6	1	6,00

Finishing: Galvanized

11400610 260i-22x22 L=2000 22 4 1 6,50
 Finishing: Stainless steel



262

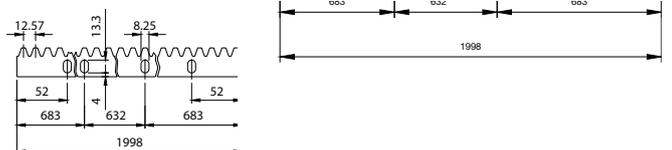
Rectangular rack 30x8-30x12 with holes
 Crémaillère rectangulaire 30x8-30x12 avec trous
 Rechteckige Zahnstange 30x8-30x12 mit Bohrungen
 Cremallera Rectangular 30x8 - 30x12 con agujeros
 Зубчатая рейка прямоугольная 30x8 - 30x12 с отверстиями



CODE	ART.	Size	L	Box info	
				Pcs per pack	Kg
11401205 001	262-30x8	L=1000	1000	1	1,60
11401005 001	262-30x12	L=1000	1000	1	2,40
11401010 001	262-30x12	L=2000	2000	1	4,90

Finishing: Galvanized

11401105 262i-30x12 L=1000 1000 1 2,40
 Finishing: Stainless steel



CANTILEVER GATE

Ranger

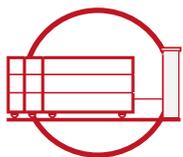
PATENT
PENDING





The Comunello telescopic system. A perfect cableless mechanism that maintains precision year after year.

 **COMUNELLO****GATE**



The Ranger telescopic system

PATENT
PENDING



Guide plate



ART.
RG-254
RG-252
251
252

Track



ART.
289

Toothed tracks



ART.
RG-30 P
RG-30 G
RG-30 Pi
RG-30 Gi

Racks



ART.
260-22x22
262

Bracket



ART.
CG-15M
CG-15P

End cup



ART.
CG-30 M
CG-30 P
CG-30 G
199

End stop



ART.
201
202
202F-A

"U" profile



ART.
RG-387.3
RG-387.6

The Ranger telescopic system does not use cables to transmit drive from one leaf to the next but instead it uses an innovative ground mounted rack track. This rack track transmits movement using a system of hidden pinions that connect to the side rack, motorising the next leaf.

The simplicity of the system ensures that it very easy and rapid to install, remains reliable and requires very low maintenance. The rack tracks are brushed clean on every opening by the two cleaning brushes installed on the front and back of each leaf.



Wheel kits



ART.

2 LEAF KITS

- RG2-100.50
- RG2-100.60
- RG2-100.80
- RG2-120.50
- RG2-120.60
- RG2-120.80
- RG2-140.80
- RG2-140.100

3 LEAF KITS

- RG3-120.50
- RG3-120.60
- RG3-120.80
- RG3-140.80
- RG3-140.100

Brush kit



ART.
RG-15

Template guides



ART.
RG-10 P
RG-10 G
RG-20

Spacers



ART.
264
266

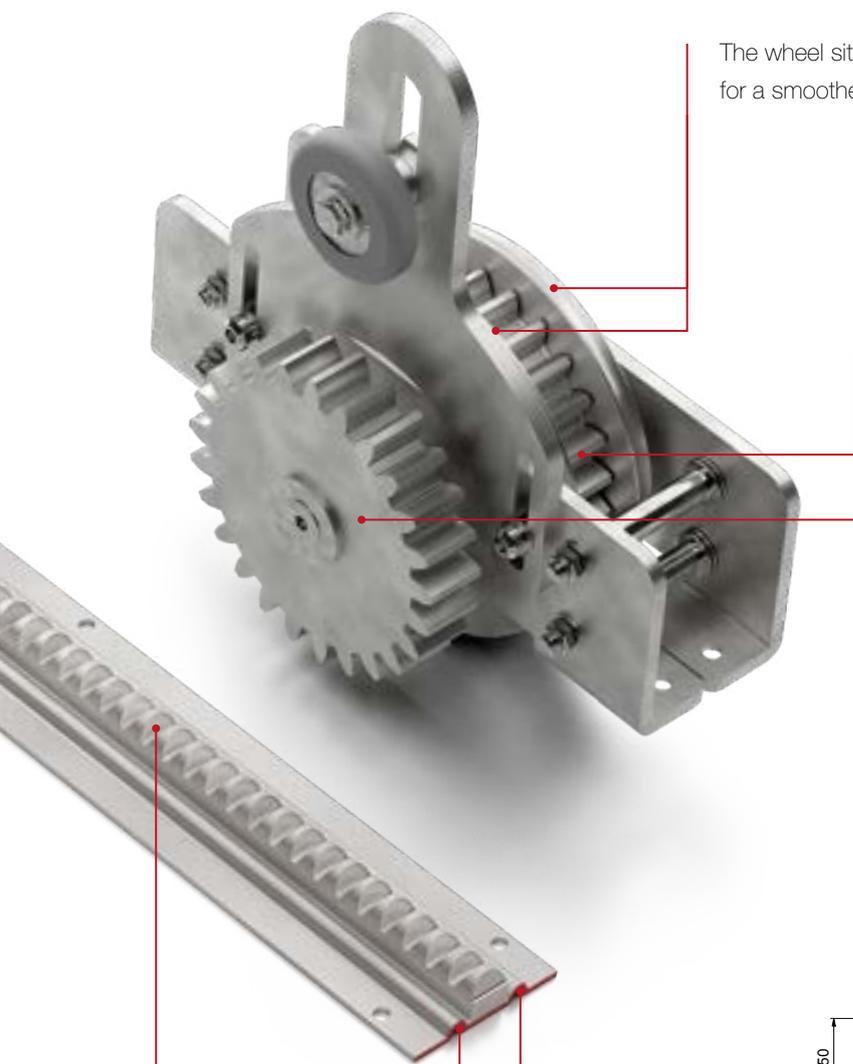
Speed reduction system



ART.
RG-40
RG-45
CG-58
CG-58G

Ranger Components

Principle drive wheel for 2 or 3 leaf systems



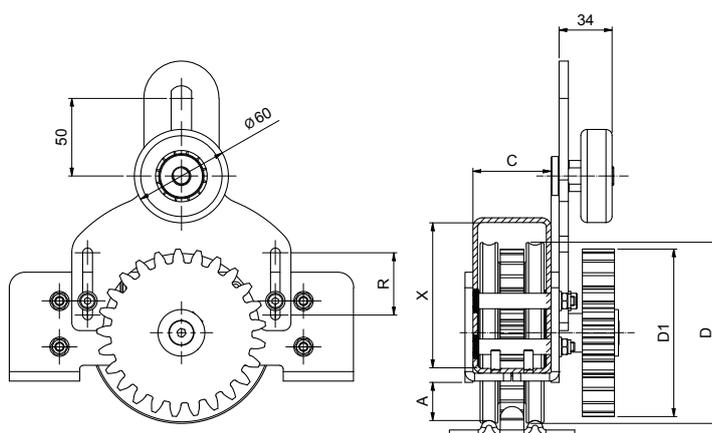
The wheel sits on two external profiles of the track for a smoother movement.

Wheel unit made up of principle pinion drive wheel that, rolling on the rack track, generates the rotation of the external secondary pinion.

The movement via the second external pinion is transmitted to the rack mounted onto the side of the second gate leaf.

The rack track is equipped with two side guides on which the wheel sits. This is to ensure that the weight of the gate is not loaded on the racks teeth.

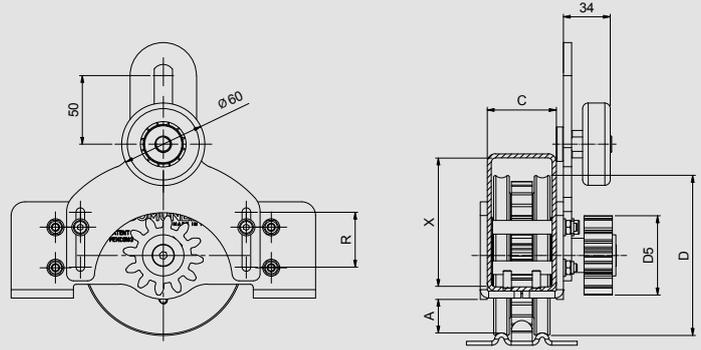
Movement is generated by the ground mounted rack that also functions as a track.



- D** = Wheel diameter
- C** = Internal width (wheel unit)
- D1** = Pinion diameter
- X** = Minimum tube height

D	C	X min	D1	A	R
97	50	67	88	15	40
97	60	67	88	15	40
97	80	67	88	15	40
117	50	88	112	25	40
117	60	88	112	25	40
117	80	88	112	25	40
148	80	114	128	22	60
148	100	114	128	22	60

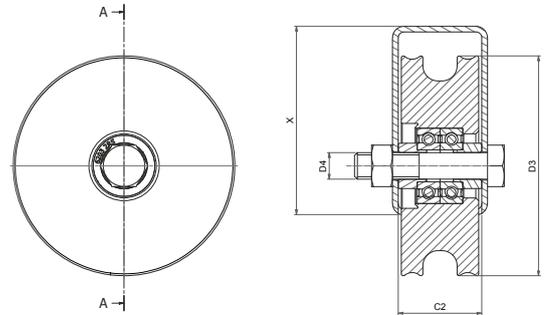
Drive wheel with low ratio secondary pinion for 3 leaf systems



- D** = Wheel diameter
- C** = Internal width (wheel unit)
- D5** = Pinion diameter
- X** = Minimum tube height

D	C	X min	D5	A	R
117	50	88	60	25	40
117	60	88	60	25	40
117	80	88	60	25	40
148	80	114	68	22	60
148	100	114	68	22	60

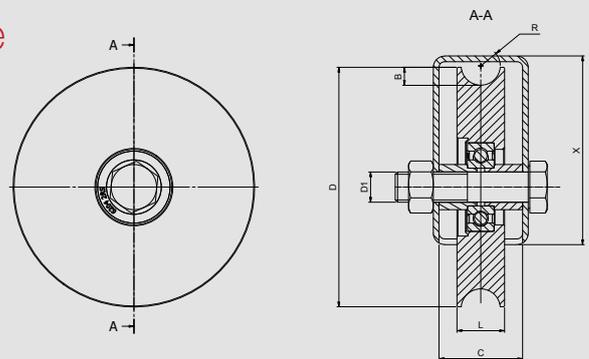
Free wheel



- D3** = Wheel diameter
- C2** = Internal tube width
- D4** = Pin diameter
- X** = Minimum tube height

D3	C2	X min	D4
97	44	80	M14
97	54	80	M14
97	74	80	M14
117	44	100	M14
117	54	100	M14
117	74	100	M14
148	74	120	M16
148	94	120	M16

Standard wheel with half-rounded groove



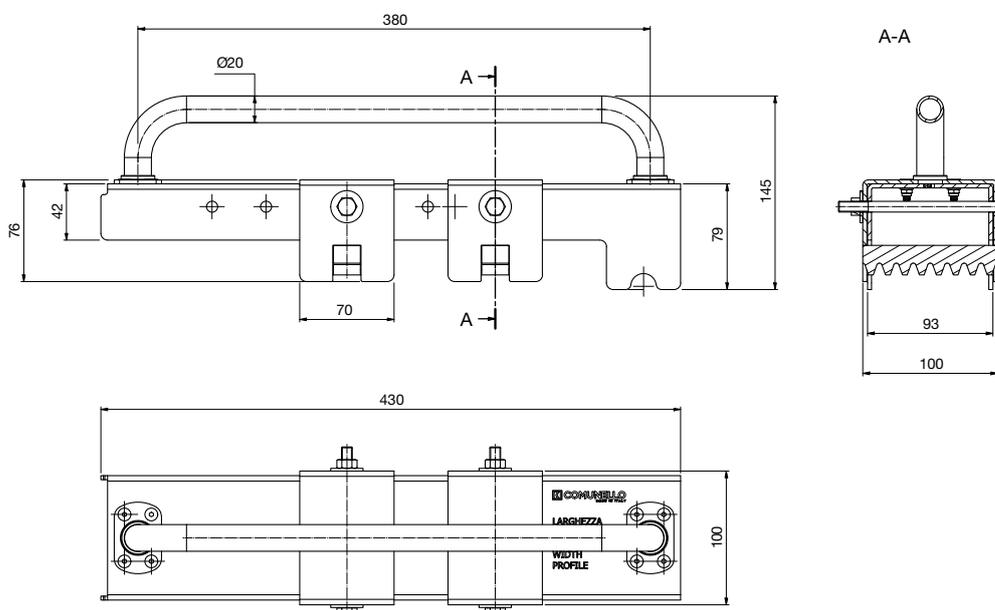
- D** = Wheel diameter
- L** = Wheel width
- R** = Groove radius
- C** = Internal tube width
- B** = Groove depth
- X** = Minimum tube height

D	L	R	C	B	D1	X min	N. BEARING
107	25	10.3	44	9.5	14	80	1
107	25	10.3	54	9.5	14	80	1
107	25	10.3	74	9.5	14	80	1
127	25	10.3	44	9.5	16	100	1
127	25	10.3	54	9.5	16	100	1
127	25	10.3	74	9.5	16	100	1
157	33	11.5	74	11.5	16	120	2
157	33	11.5	94	11.5	16	120	2

2 template guide kit for Rack Track installation

RG-10

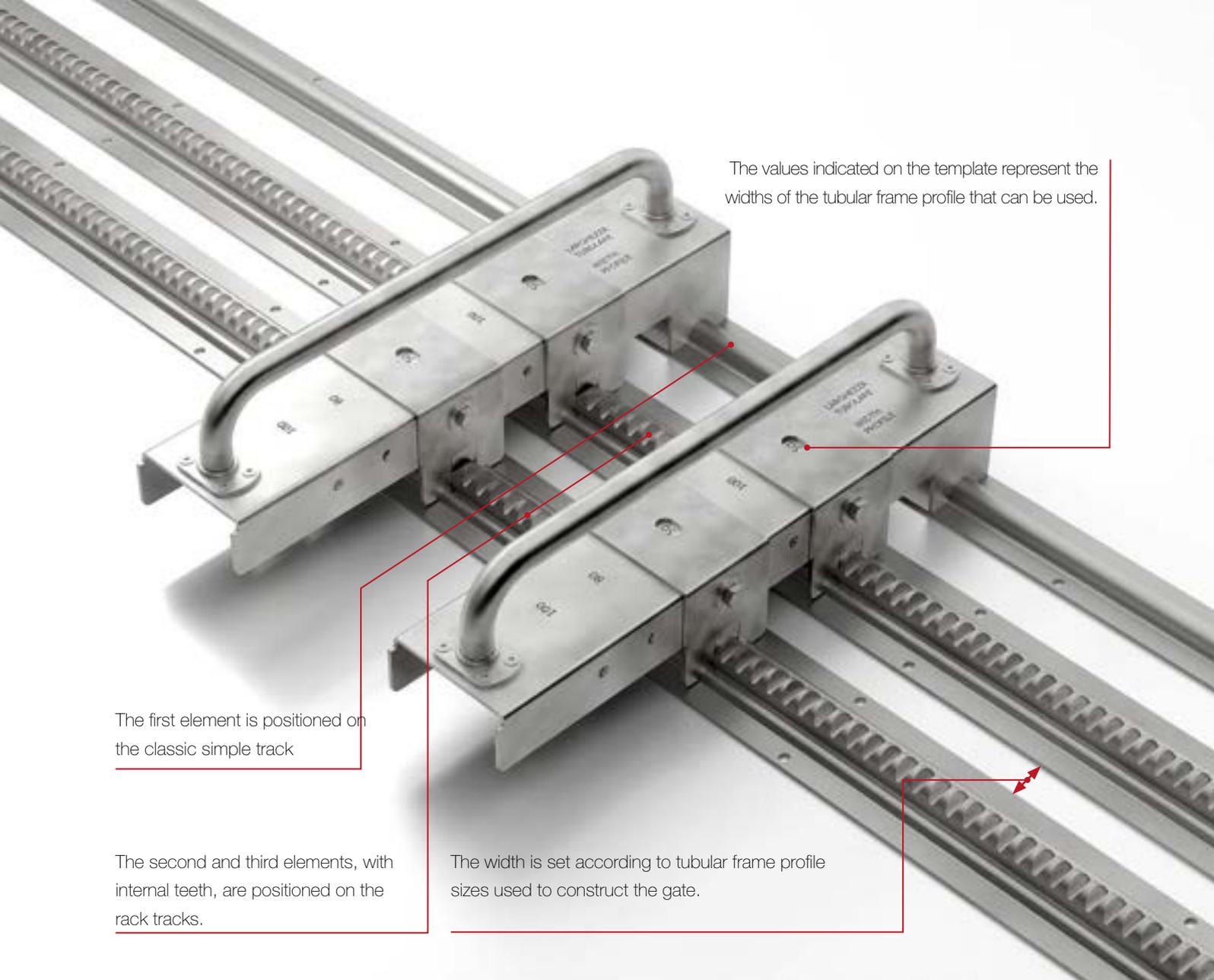
Template kit for alignment and placement of Ranger system tracks
 Kit de gabarit pour l'alignement et le placement de rails du système Rangert
 Schablone Kit für die Einreihung und die Positionierung den Ranger System BodenLaufschiene
 Kit de plantilla para alineación y colocación de rieles del sistema Ranger
 Комплект шаблонов выравнивания и размещения рельсов для системы Ranger



CODE	ART.	Box info	
		Pcs per pack	Kg
10131110 001	RG 10 P	1	6.4
10131101 001	RG 10 G	1	6.4

This alignment guide tools ensure a rapid and precise installation of the rack tracks that make up the 2 or 3 leaf telescopic system. The simple track is the first to be installed, from this reference the rack tracks are positioned in perfect parallel alignment using

two guide templates at a distance dictated by the tubular frame section of the gate. Thanks to the guide template the parallelism of the tracks is maintained and when two pieces of rack track are to be joined they will ensure the synchronization of the teeth.

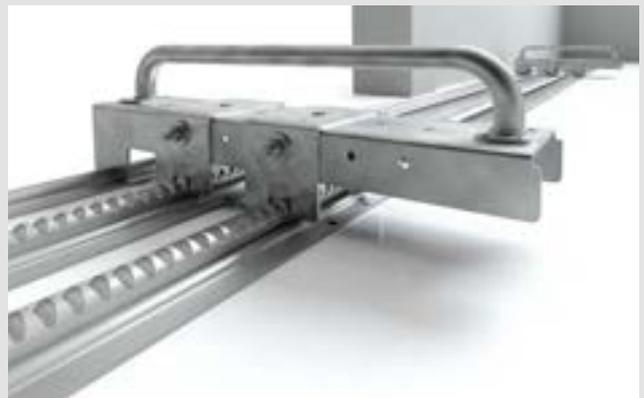


The values indicated on the template represent the widths of the tubular frame profile that can be used.

The first element is positioned on the classic simple track

The second and third elements, with internal teeth, are positioned on the rack tracks.

The width is set according to tubular frame profile sizes used to construct the gate.



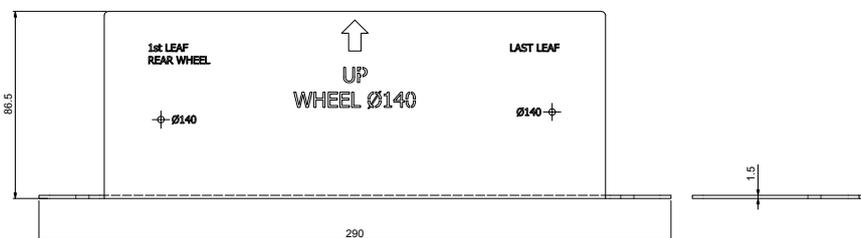
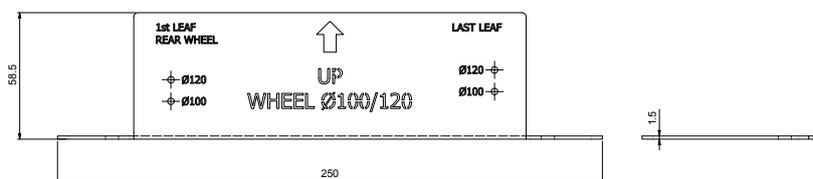
The Rack Track installation templates are used to ensure a precise and parallel alignment of the tracks and rack tracks, and can be width regulated depending on the thickness of the tubular profile used in the construction of the gate.

When two pieces of rack track are to be joined, the precise position for the teeth can be achieved using the toothed element of the template guide which should be positioned on the joint where the two pieces of track meet.

2 template kit for wheel unit fixing

RG-20

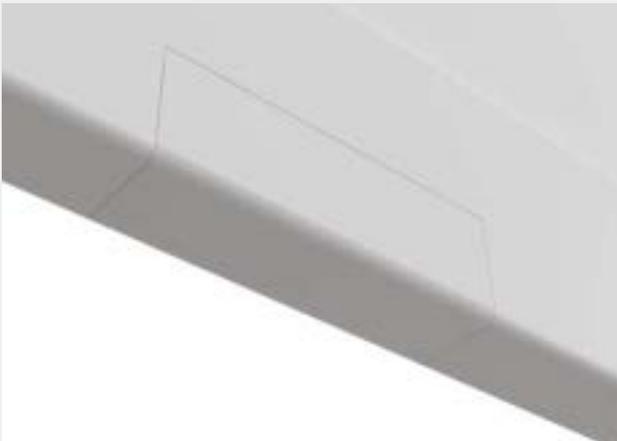
Template kit for wheels fixation
 Kit de gabarit pour la fixation des galets
 Rädern Befestigung Schablone Kit
 Kit de plantilla para fijación de ruedas
 Комплект шаблонов выравнивания для колес



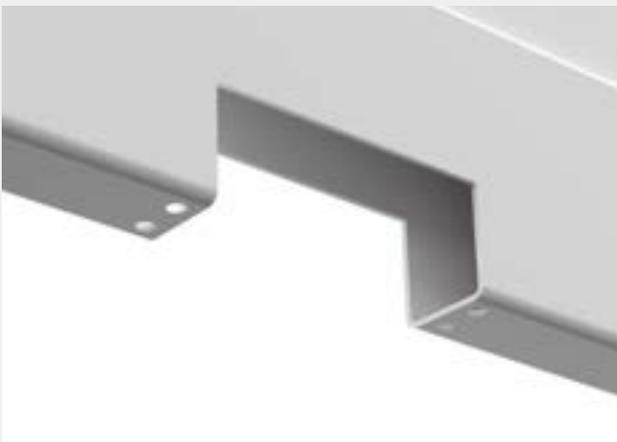
CODE	ART.	Box info	
		Pcs per pack	Kg
10131102 001	RG-20	1	0.9



1 Using the template mark the area to cut and drill



2 The tubular section is marked



3 Cut and drill the tubular section



4 Fix the drive wheel

Ranger system components for **2 leaf** gates

Drive wheel



Free wheel



Standard wheel with half-rounded groove

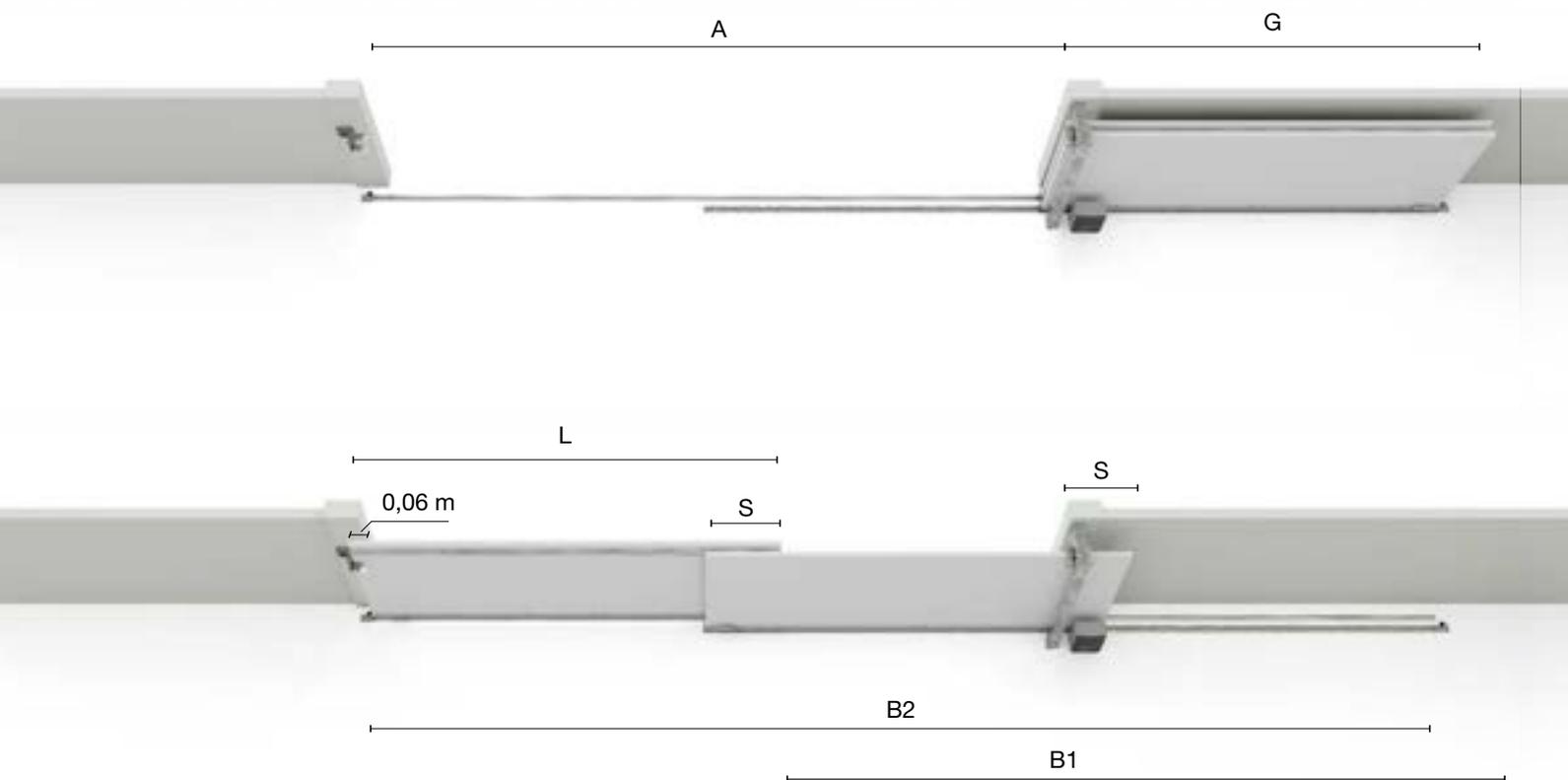


Rack Track

Classic Track



Ranger configurator for 2 leaf gates



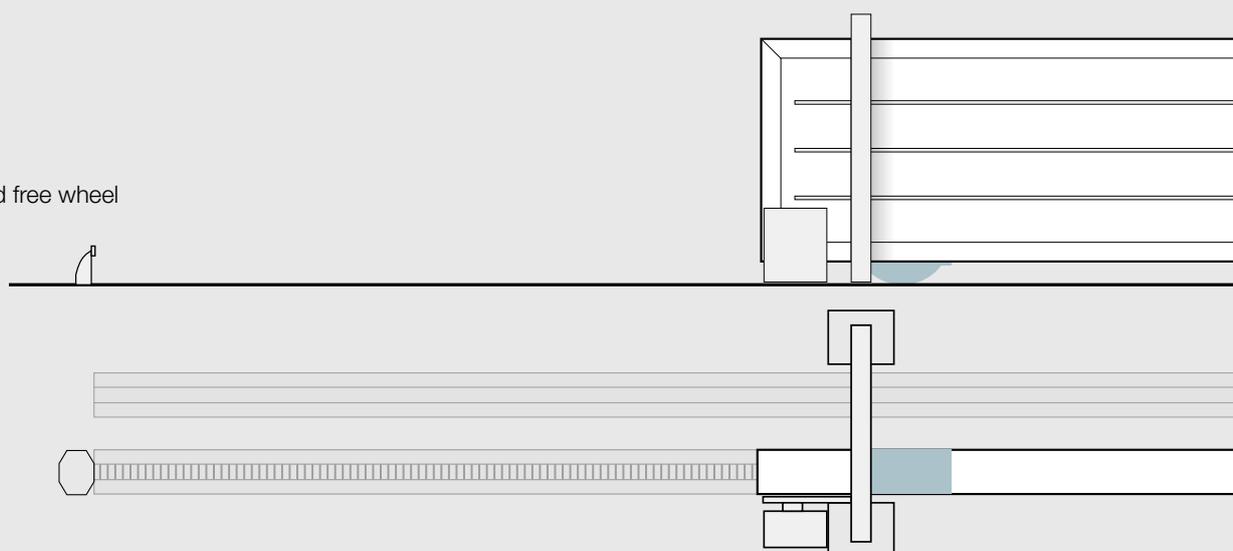
Opening A (m)	N° Leaves	Leaf length L (m)	Minimum space available G (m)	Track length 1 RG-30 B1 (m)	Track length 2 289 B2 (m)
2	2	1.38	1.58	2.41	3.44
2,5	2	1.63	1.83	2.91	4.19
3	2	1.88	2.08	3.41	4.94
3,5	2	2.13	2.33	3.91	5.69
4	2	2.38	2.58	4.41	6.44
4,5	2	2.63	2.83	4.91	7.19
5	2	2.88	3.08	5.41	7.94
5,5	2	3.13	3.33	5.91	8.69
6	2	3.38	3.58	6.41	9.44
6,5	2	3.63	3.83	6.91	10.19
7	2	3.88	4.08	7.41	10.94
7,5	2	4.13	4.33	7.91	11.69
8	2	4.38	4.58	8.41	12.44

- L (m) = $(A + 0.06) \div 2 + S$
- G min (m) = $L + 0.2$
- B1 (m) = $(L \times 2) - S$
- B2 (m) = $(L \times 3) - (S \times 2)$

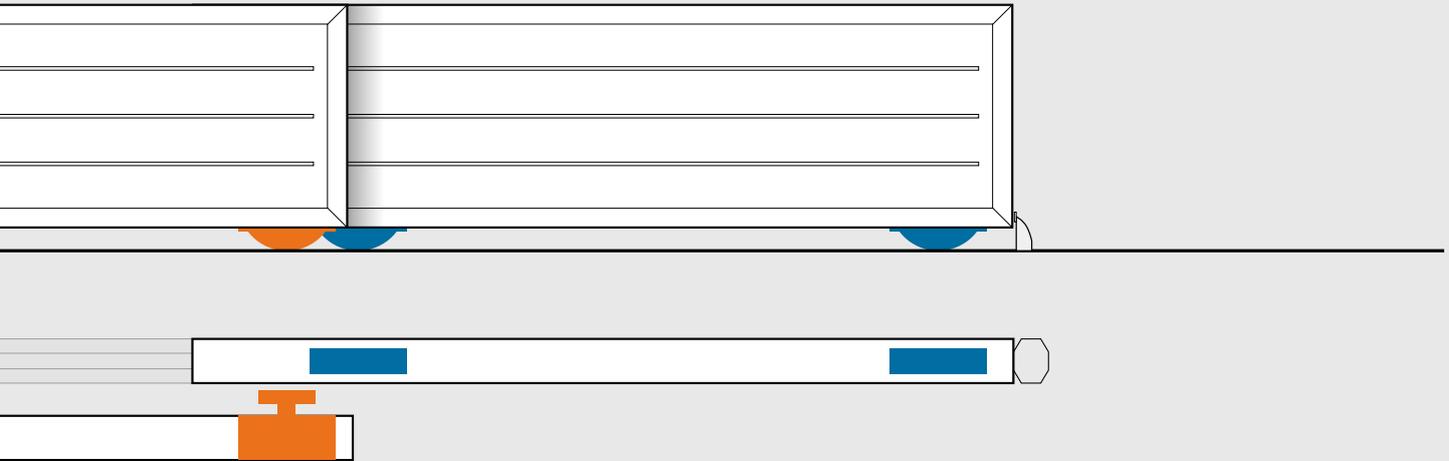
RANGER

Ranger Wheel Kit for 2 leaf

- Drive wheel
- Free wheel
- Second leaf standard free wheel



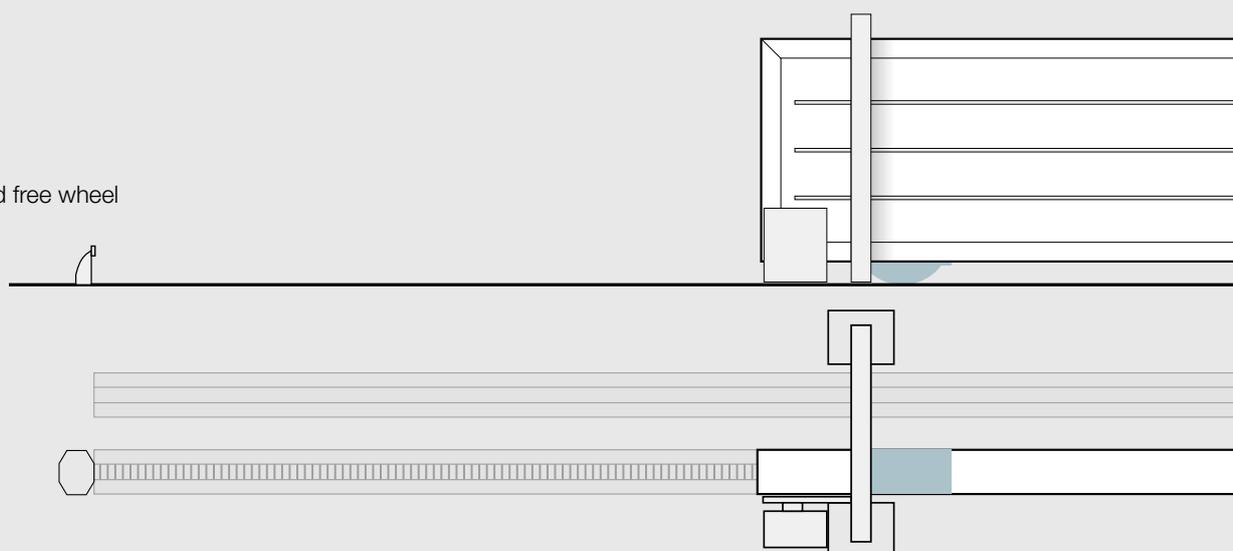
CODE	ART.	DESCRIPTION	Tubular frame width mm	Minimum tube height mm	
11500440 001	RG2-100.50	<p>Kit Ranger for telescopic door with 2 leaves, ø100 mm wheels for 50 mm tubular</p> <p><i>Kit Ranger pour porte télescopique avec deux vantaux, galets ø 100 mm pour tubulaire de 50 mm</i></p> <p><i>Kit Ranger für teleskopisches Schiebetores mit 2 Flügeln, ø100 mm Rädern für 50 mm Schlauchreifen</i></p> <p><i>Kit Ranger para puerta telescópica con dos hojas, ruedas de ø 100 mm para tubular de 50 mm</i></p> <p><i>Комплект Ranger для телескопических ворот с двумя створками, ø100 мм колеса для трубы 50 мм</i></p>	50	80	
11500442 001	RG2-100.60	<p>Kit Ranger for telescopic door with 2 leaves, ø100 mm wheels for 60 mm tubular</p> <p><i>Kit Ranger pour porte télescopique avec deux vantaux, galets ø 100 mm pour tubulaire de 60 mm</i></p> <p><i>Kit Ranger für teleskopisches Schiebetores mit 2 Flügeln, ø100 mm Rädern für 60 mm Schlauchreifen</i></p> <p><i>Kit Ranger para puerta telescópica con dos hojas, ruedas de ø 100 mm para tubular de 60 mm</i></p> <p><i>Комплект Ranger для телескопических ворот с двумя створками, ø100 мм колеса для трубы 60 мм</i></p>	60	80	
11500444 001	RG2-100.80	<p>Kit Ranger for telescopic door with 2 leaves, ø100 mm wheels for 80 mm tubular</p> <p><i>Kit Ranger pour porte télescopique avec deux vantaux, galets ø 100 mm pour tubulaire de 80 mm</i></p> <p><i>Kit Ranger für teleskopisches Schiebetores mit 2 Flügeln, ø100 mm Rädern für 80 mm Schlauchreifen</i></p> <p><i>Kit Ranger para puerta telescópica con dos hojas, ruedas de ø 100 mm para tubular de 80 mm</i></p> <p><i>Комплект Ranger для телескопических ворот с двумя створками, ø100 мм колеса для трубы 80 мм</i></p>	80	80	



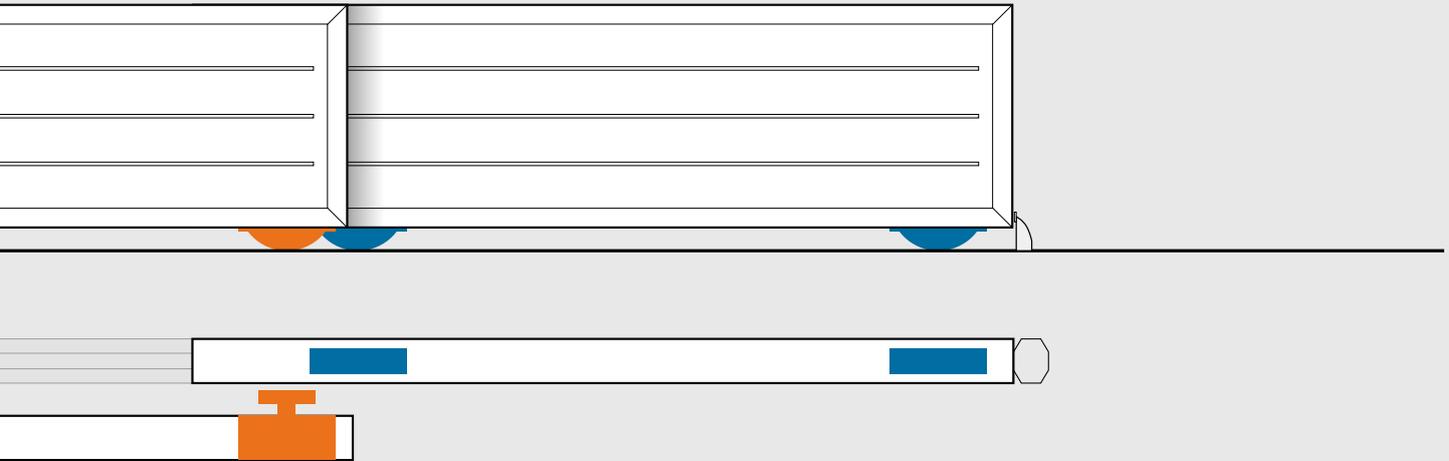
Max leaf weight kg	KIT ELEMENTS			Kit per pack	Kg
	Drive wheel	Free wheel	Standard wheel with half-rounded groove		
250	 Ø 97	 Ø 97	 Ø 107	1	10.3
250	 Ø 97	 Ø 97	 Ø 107	1	10.4
250	 Ø 97	 Ø 97	 Ø 107	1	10.7

Ranger Wheel Kit for 2 leaf

- Drive wheel
- Free wheel
- Second leaf standard free wheel



CODE	ART.	DESCRIPTION	Tubular frame width mm	Minimum tube height mm
11500441 001	RG2-120.50	Kit Ranger for telescopic door with 2 leaves, $\varnothing 120$ mm wheels for 50 mm tubular <i>Kit Ranger pour porte télescopique avec deux vantaux, galets $\varnothing 120$ mm pour tubulaire de 50 mm</i> <i>Kit Ranger für teleskopisches Schiebetores mit 2 Flügeln, $\varnothing 120$ mm Rädern für 50 mm Schlauchreifen</i> <i>Kit Ranger para puerta telescópica con dos hojas, ruedas de $\varnothing 120$ mm para tubular de 50 mm</i> <i>Комплект Ranger для телескопических ворот с двумя створками, $\varnothing 120$ мм колеса для трубы 50 мм</i>	50	100
11500443 001	RG2-120.60	Kit Ranger for telescopic door with 2 leaves, $\varnothing 120$ mm wheels for 60 mm tubular <i>Kit Ranger pour porte télescopique avec deux vantaux, galets $\varnothing 120$ mm pour tubulaire de 60 mm</i> <i>Kit Ranger für teleskopisches Schiebetores mit 2 Flügeln, $\varnothing 120$ mm Rädern für 60 mm Schlauchreifen</i> <i>Kit Ranger para puerta telescópica con dos hojas, ruedas $\varnothing 120$ mm para tubular de 60 mm</i> <i>Комплект Ranger для телескопических ворот с двумя створками, $\varnothing 120$ мм колеса для трубы 60 мм</i>	60	100
11500445 001	RG2-120.80	Kit Ranger for telescopic door with 2 leaves, $\varnothing 120$ mm wheels for 80 mm tubular <i>Kit Ranger pour porte télescopique avec deux vantaux, galets $\varnothing 120$ mm pour tubulaire de 80 mm</i> <i>Kit Ranger für teleskopisches Schiebetores mit 2 Flügeln, $\varnothing 120$ mm Rädern für 80 mm Schlauchreifen</i> <i>Kit Ranger para puerta telescópica con dos hojas, ruedas $\varnothing 120$ mm para tubular de 80 mm</i> <i>Комплект Ranger для телескопических ворот с двумя створками, $\varnothing 120$ мм колеса для трубы 80 мм</i>	80	100
11500406 001	RG2-140.80	Kit Ranger for telescopic door with 2 leaves, $\varnothing 140$ mm wheels for 80 mm tubular <i>Kit Ranger pour porte télescopique avec deux vantaux, galets $\varnothing 140$ mm pour tubulaire de 80 mm</i> <i>Kit Ranger für teleskopisches Schiebetores mit 2 Flügeln, $\varnothing 140$ mm Rädern für 80 mm Schlauchreifen</i> <i>Kit Ranger para puerta telescópica con dos hojas, ruedas $\varnothing 140$ mm para tubular de 80 mm</i> <i>Комплект Ranger для телескопических ворот с двумя створками, $\varnothing 140$ мм колеса для трубы 80 мм</i>	80	120
11500408 001	RG2-140.100	Kit Ranger for telescopic door with 2 leaves, $\varnothing 140$ mm wheels for 100 mm tubular <i>Kit Ranger pour porte télescopique avec deux vantaux, galets $\varnothing 140$ mm pour tubulaire de 100 mm</i> <i>Kit Ranger für teleskopisches Schiebetores mit 2 Flügeln, $\varnothing 140$ mm Rädern für 100 mm Schlauchreifen</i> <i>Kit Ranger para puerta telescópica con dos hojas, ruedas $\varnothing 140$ mm para tubular de 100 mm</i> <i>Комплект Ranger для телескопических ворот с двумя створками, $\varnothing 140$ мм колеса для трубы 100 мм</i>	100	120



Max leaf weight kg	KIT ELEMENTS			Kit per pack	Kg
	Drive wheel	Free wheel	Standard wheel with half-rounded groove		
400	 Ø 117	 Ø 117	 Ø 127	1	14.2
400	 Ø 117	 Ø 117	 Ø 127	1	14.2
400	 Ø 117	 Ø 117	 Ø 127	1	14.4
400	 Ø 148	 Ø 148	 Ø 157	1	26.4
400	 Ø 148	 Ø 148	 Ø 157	1	26.7

Ranger system components for **3 leaf** gates

Drive wheel



Free wheel



Drive wheel with low ratio

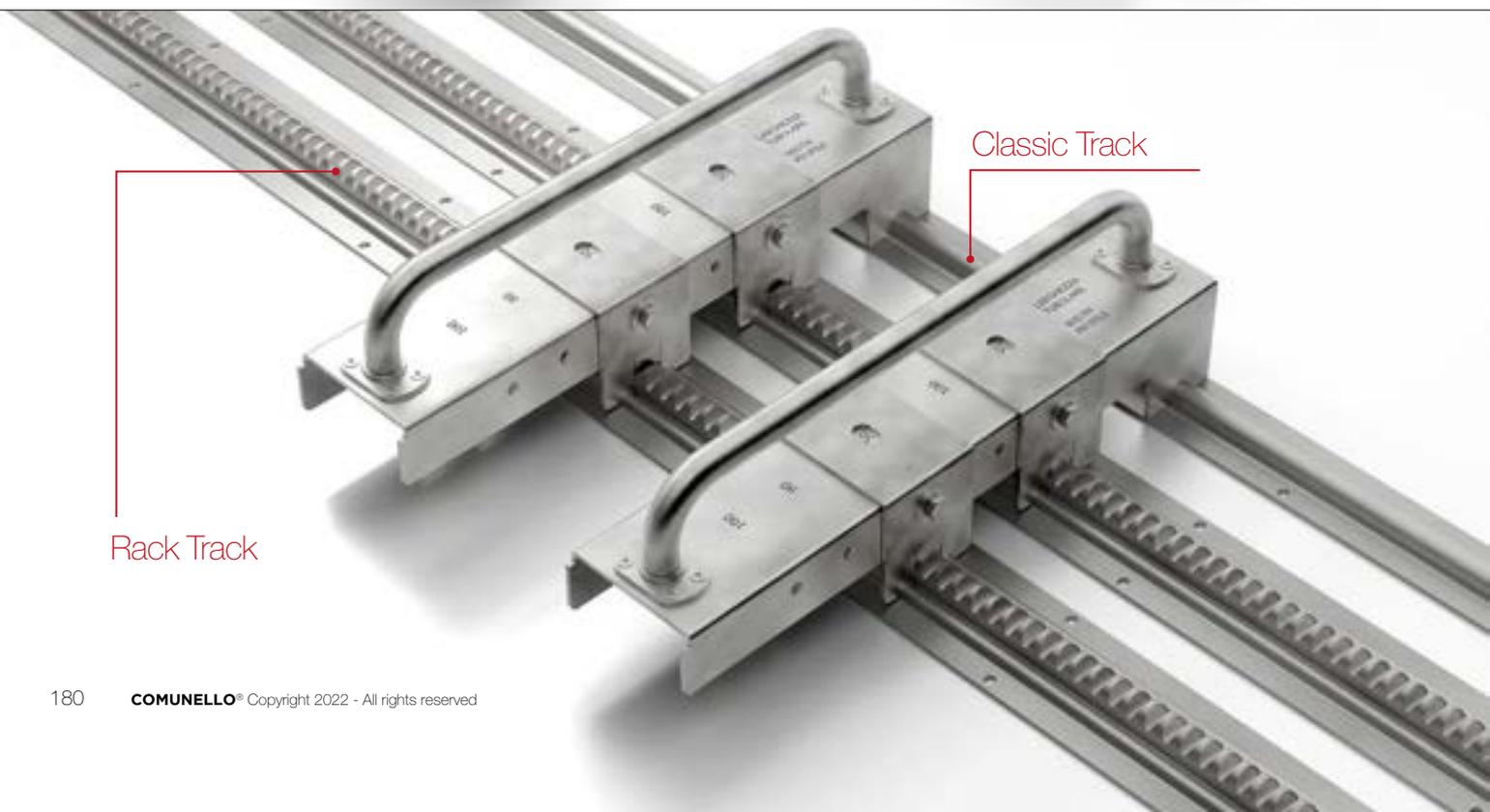


Standard wheel with half-rounded groove

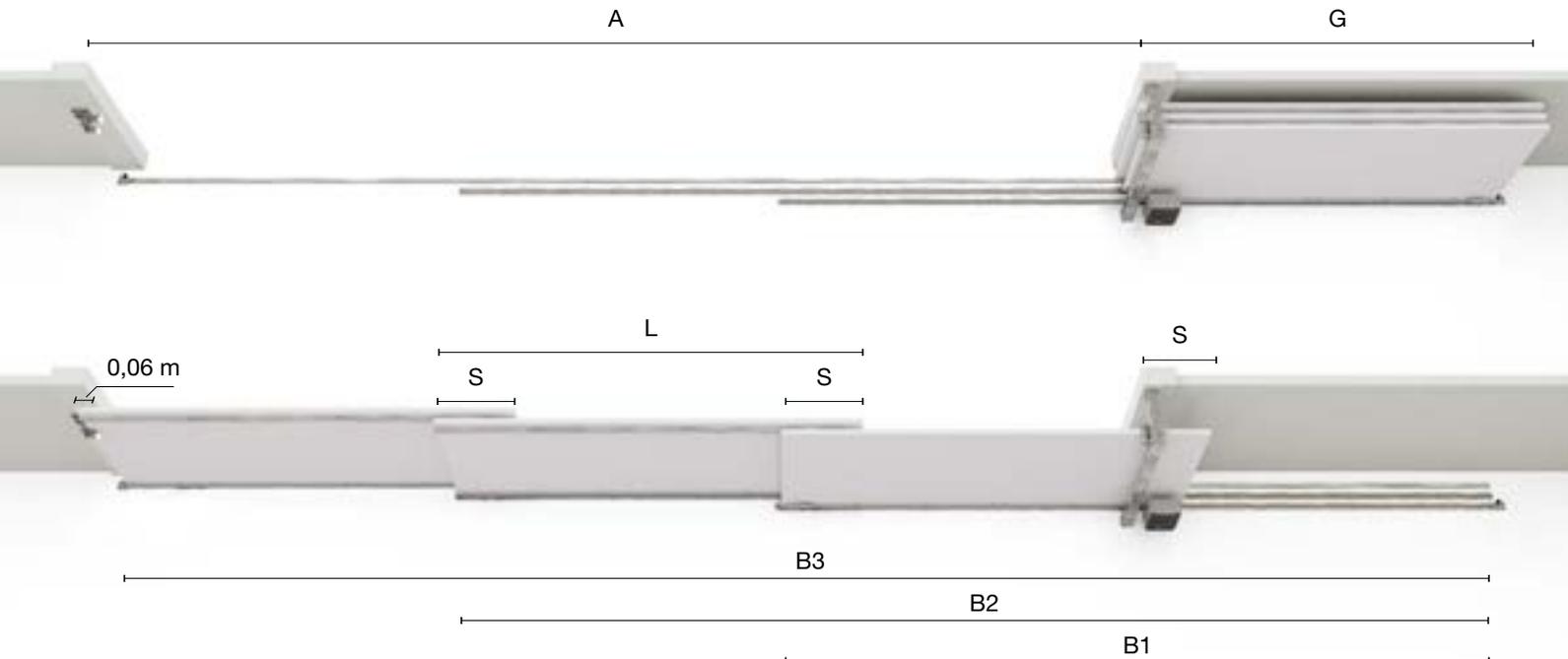


Rack Track

Classic Track



Ranger configurator for 3 leaf gates



Opening A (m)	N° Leaves	Leaf length L (m)	Minimum space available G (m)	Track length 1 RG-30 B1 (m)	Track length 2 RG-30 B2 (m)	Track length 3 289
2	3	1.04	1.24	1.72	2.41	3.10
2,5	3	1.20	1.40	2.06	2.91	3.76
3	3	1.37	1.57	2.39	3.41	4.43
3,5	3	1.54	1.74	2.72	3.91	5.10
4	3	1.70	1.90	3.06	4.41	5.76
4,5	3	1.87	2.07	3.39	4.91	6.43
5	3	2.04	2.24	3.72	5.41	7.10
5,5	3	2.20	2.40	4.06	5.91	7.76
6	3	2.37	2.57	4.39	6.41	8.43
6,5	3	2.54	2.74	4.72	6.91	9.10
7	3	2.70	2.90	5.06	7.41	9.76
7,5	3	2.87	3.07	5.39	7.91	10.43
8	3	3.04	3.24	5.72	8.41	11.10
8,5	3	3.20	3.40	6.06	8.91	11.76
9	3	3.37	3.57	6.39	9.41	12.43
9,5	3	3.54	3.74	6.72	9.91	13.10
10	3	3.70	3.90	7.06	10.41	13.76
10,5	3	3.87	4.07	7.39	10.91	14.43
11	3	4.04	4.24	7.72	11.41	15.10
11,5	3	4.20	4.40	8.06	11.91	15.76
12	3	4.37	4.57	8.39	12.41	16.43

$$L \text{ (m)} = (A + 0.06) \div 3 + S$$

$$G \text{ min (m)} = L + 0.2$$

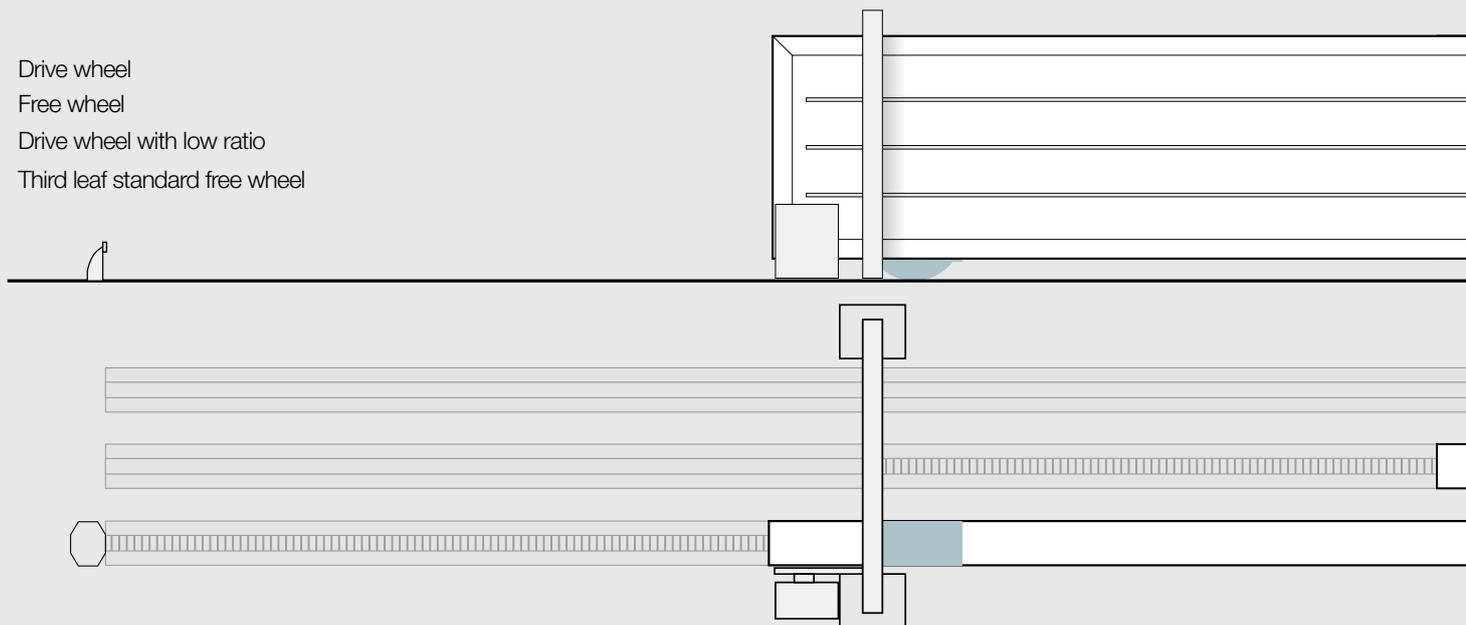
$$B1 \text{ (m)} = (L \times 2) - S$$

$$B2 \text{ (m)} = (L \times 3) - (S \times 2)$$

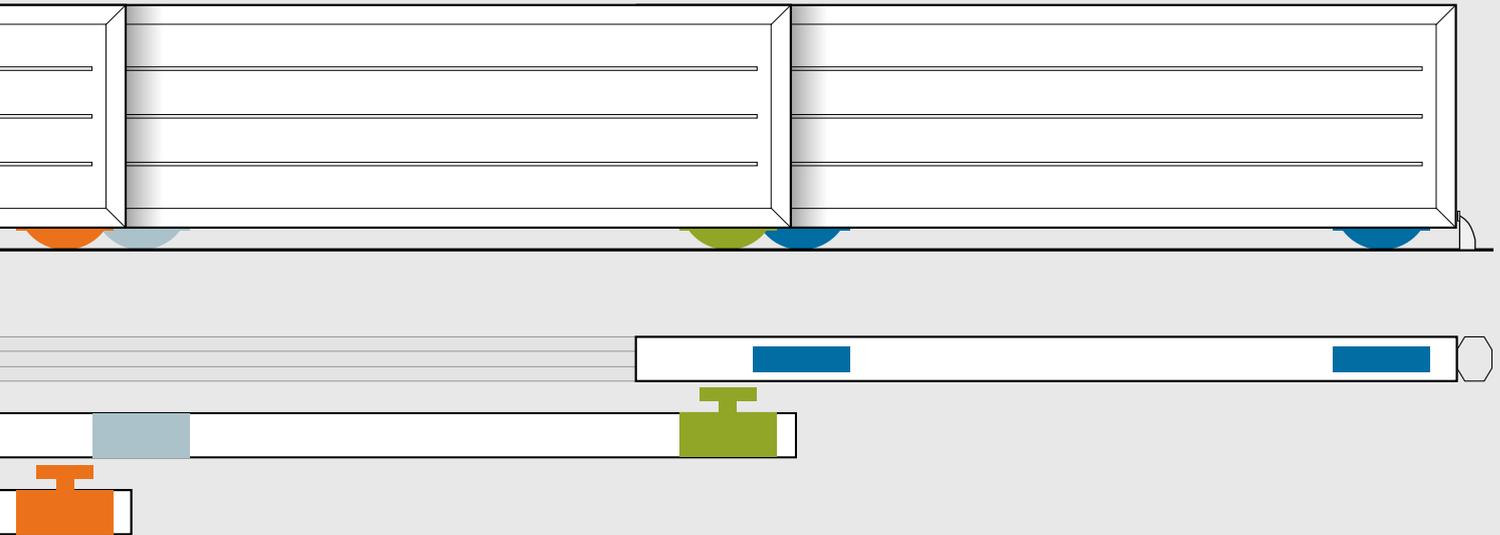
$$B3 \text{ (m)} = (L \times 4) - (S \times 3)$$

Ranger Wheel Kit for 3 leaf gates

- Drive wheel
- Free wheel
- Drive wheel with low ratio
- Third leaf standard free wheel



CODE	ART.	DESCRIPTION	Tubular frame width mm	Minimum tube height mm
11500450 001	RG3-120.50	Kit Ranger for telescopic door with 3 leaves, ø120 mm wheels for 50 mm tubular Kit Ranger pour porte télescopique avec 3 vantaux, galets ø 120 mm pour tubulaire de 50 mm Kit Ranger für teleskopisches Schiebetores mit 3 Flügeln, ø120 mm Rädern für 50 mm Schlauchreifen Kit Ranger para puerta telescópica con 3 hojas, ruedas ø 120 mm para tubular de 50 mm Комплект Ranger для телескопических ворот с тремя створками, ø120 мм колеса для трубы 50 мм	50	100
11500451 001	RG3-120.60	Kit Ranger for telescopic door with 3 leaves, ø120 mm wheels for 60 mm tubular Kit Ranger pour porte télescopique avec 3 vantaux, galets ø 120 mm pour tubulaire de 60 mm Kit Ranger für teleskopisches Schiebetores mit 3 Flügeln, ø120 mm Rädern für 60 mm Schlauchreifen Kit Ranger para puerta telescópica con 3 hojas, ruedas ø 120 mm para tubular de 60 mm Комплект Ranger для телескопических ворот с тремя створками, ø120 мм колеса для трубы 60 мм	60	100
11500452 001	RG3-120.80	Kit Ranger for telescopic door with 3 leaves, ø120 mm wheels for 80 mm tubular Kit Ranger pour porte télescopique avec 3 vantaux, galets ø 120 mm pour tubulaire de 80 mm Kit Ranger für teleskopisches Schiebetores mit 3 Flügeln, ø120 mm Rädern für 80 mm Schlauchreifen Kit Ranger para puerta telescópica con 3 hojas, ruedas ø 120 mm para tubular de 80 mm Комплект Ranger для телескопических ворот с тремя створками, ø120 мм колеса для трубы 80 мм	80	100
11500413 001	RG3-140.80	Kit Ranger for telescopic door with 3 leaves, ø140 mm wheels for 80 mm tubular Kit Ranger pour porte télescopique avec 3 vantaux, galets ø 140 mm pour tubulaire de 80 mm Kit Ranger für teleskopisches Schiebetores mit 3 Flügeln, ø140 mm Rädern für 80 mm Schlauchreifen Kit Ranger para puerta telescópica con 3 hojas, ruedas ø 140 mm para tubular de 80 mm Комплект Ranger для телескопических ворот с тремя створками, ø140 мм колеса для трубы 80 мм	80	120
11500414 001	RG3-140.100	Kit Ranger for telescopic door with 3 leaves, ø140 mm wheels for 100 mm tubular Kit Ranger pour porte télescopique avec 3 vantaux, galets ø 140 mm pour tubulaire de 100 mm Kit Ranger für teleskopisches Schiebetores mit 3 Flügeln, ø140 mm Rädern für 100 mm Schlauchreifen Kit Ranger para puerta telescópica con 3 hojas, ruedas ø 140 mm para tubular de 100 mm Комплект Ranger для телескопических ворот с тремя створками, ø140 мм колеса для трубы 100 мм	100	120



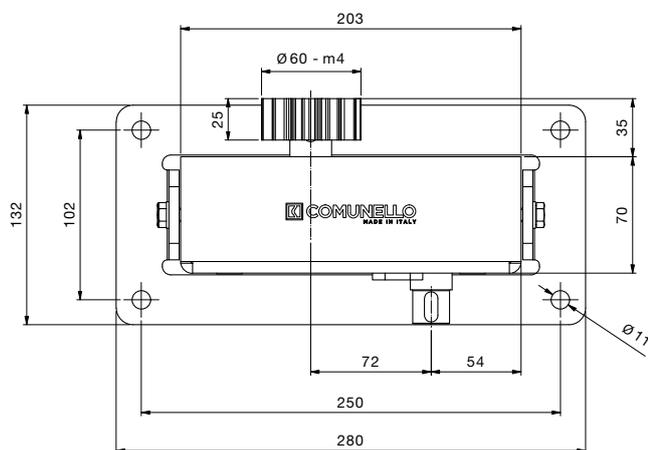
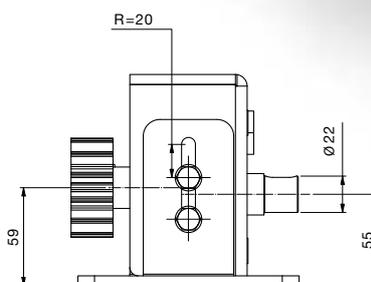
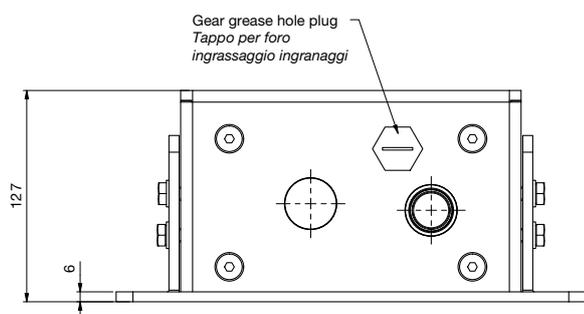
Max leaf weight kg	KIT ELEMENTS				Kit per pack	Kg
	Drive wheel	Free wheel	Drive wheel with low ratio	Standard wheel with half-rounded groove		
200	 Ø 117	 Ø 117	 Ø 117	 Ø 127	1	14.2
200	 Ø 117	 Ø 117	 Ø 117	 Ø 127	1	14.2
200	 Ø 117	 Ø 117	 Ø 117	 Ø 127	1	14.4
200	 Ø 148	 Ø 148	 Ø 148	 Ø 157	1	26.4
200	 Ø 148	 Ø 148	 Ø 148	 Ø 157	1	26.7

RANGER

Ranger speed reduction system

RG-40

Speed reduction system for M4 module racks
 Système de réduction de vitesse pour crémaillères avec module M4
 Geschwindigkeitsreduzierungssystem für M4-Zahnstangen
 Sistema de reducción de velocidad para cremalleras con módulo M4
 Система снижения скорости для зубчатых реек M4



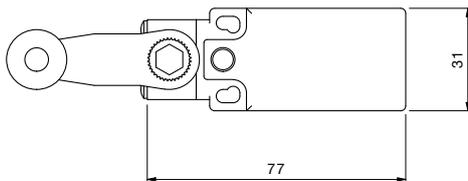
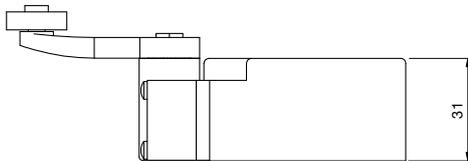
Thanks to the RG-40 reduction system it is possible to halve the actuator speed without decreasing the force.

CODE	ART.	Box info	
		Pcs per pack	Kg
11500420 001	RG-40	1	7.5

It is possible to reduce the speed of the 2 or 3 leaf ranger telescopic gate using the RG-40 speed reduction system. The system is fitted to the foundation block and engaged directly to the rack on the first leaf. The motor is then fitted, using the CG-58 automation adapter, directly to the speed reduction system drive shaft.

RG-45

Electromechanical limit switch
 Fin de course électromécanique
 Elektromechanischer Endschalter
 Final de carrera electromecánico
 Электромеханический концевой выключатель



Thanks to the CG-45 limit switch it is possible to use all standard limit switch accessories such as brackets.

CODE	ART.	Box info	
		Pcs per pack	Kg
11500421	RG-45	1	0.1



Ranger Accessories

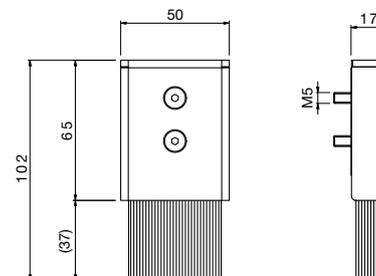
RG-15

2 Brush kit
 Kit de 2 brosses
 2 Bürsten Kit
 Kit de 2 cepillos
 Комплект 2 щетки



CODE	ART.	Box info	
		Pcs per pack	Kg
12301600 001	RG-15	1	0.8

Finishing: Galvanized



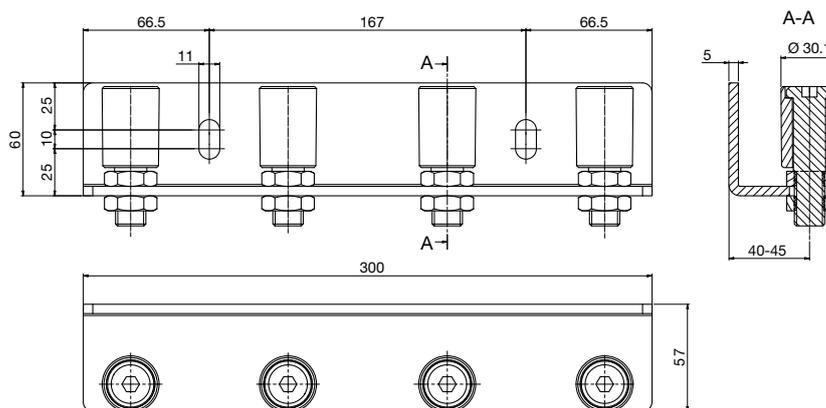
RG-254

Guiding plate for gate with two 4 rollers
 Platine guide-portail avec 4 rouleaux
 Torführungsbügel mit 4 Führungsrolle
 Placa de guía de puerta con 4 rodillos
 Регулируемая направляющая пластина
 для ворот с 4 наконечниками



CODE	ART.	Box info	
		Pcs per pack	Kg
11306410 001	RG-254	1	2

Finishing: Galvanized



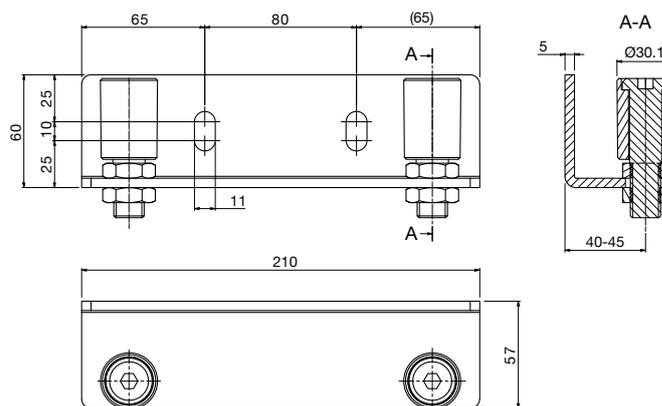
RG-252

Guiding plate for gate with two 2 rollers
 Platine guide-portail avec 2 rouleaux
 Torführungsbügel mit 2 Führungsrolle
 Placa de guía de puerta con 2 rodillos
 Регулируемая направляющая пластина
 для ворот с 2 наконечниками



CODE	ART.	Box info	
		Pcs per pack	Kg
11306415 001	RG-252	1	1.3

Finishing: Galvanized



Compatible accessories

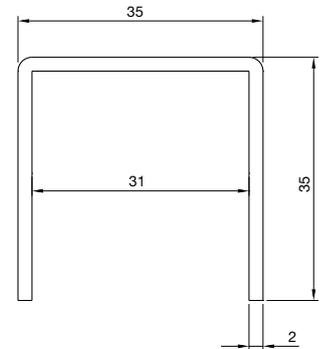
RG-387

3/6 m "u" profile for guiding plate
RG-254 and RG-252
Profil 3/6 m en forme de "u" pour
platine guide TG-254 et TG-252
3/6 m U-Profil für Torführungsbügel
RG-254 und RG-252
Perfil "U" de 3/6 m para las placas
de guía RG-254 y RG-252
Профиль 3/6м "u" для направляющей
пластины RG-254 и RG-252



CODE	ART.	Size	Box info	
			Pcs per pack	Kg
10210105 001	RG-387.3	3 m	1	4.7
10210101 001	RG-387.6	6 m	1	9.4

Finishing: Galvanized

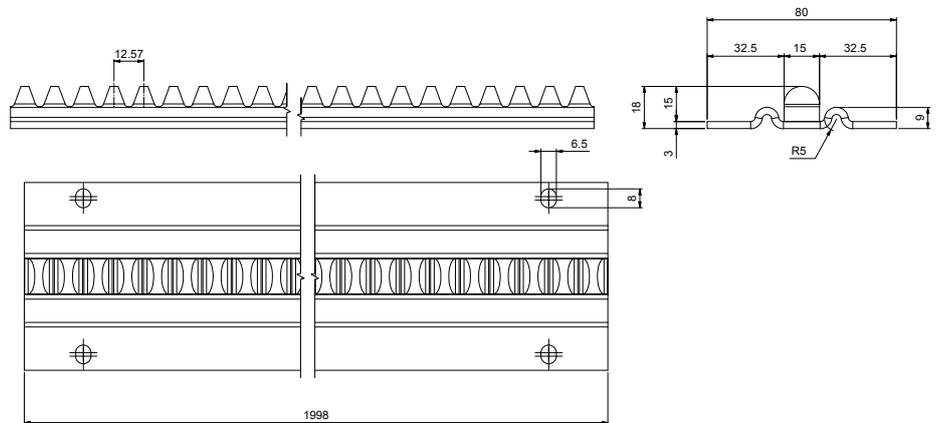


RG-30 P

Rack track 15x15 to be bolted for 97 mm and 117 mm wheels. Track piece length 2 metres
Rail et crémaillère 15x15 à visser pour galets de Ø 97 et 117 mm. Longueur 2 m
Rackschiene 15x15 zur Befestigung für Rädern von 97 - 117 mm. Länge 2 m
Carril y cremallera 15x15 a fijar por ruedas de Ø 97 y Ø 117 mm. Longitud 2 m
Прикрепляемый зубчатый рельс 15x15 для колес 97 мм и 117 мм. Длина 2м



CODE	ART.	Finishing	Image	Box info	
				Pcs per pack	Kg
11400539 001	RG-30 P 2MT	Galvanized		1	9
11400639	RG-30i P 2MT	S.Steel		1	9

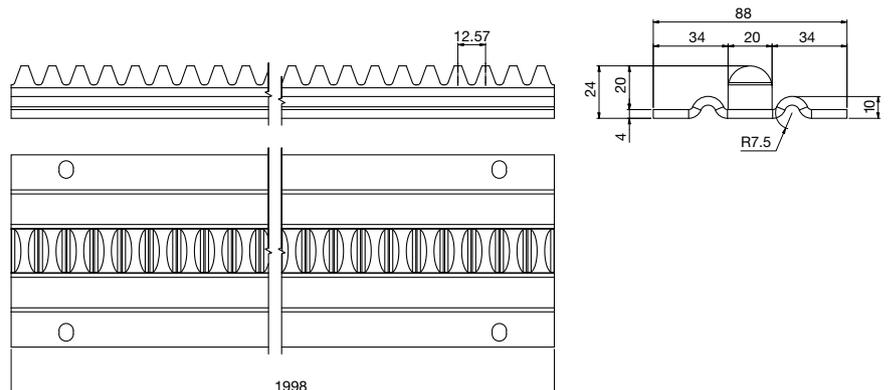


RG-30 G

Rack track 20x20 to be bolted for 148 mm wheels. Track piece length 2 metres
Rail et crémaillère 20x20 à visser pour galets de Ø 148 mm. Longueur 2 m
Rackschiene 20x20 zur Befestigung für Rädern von 148 mm. Länge 2 m
Carril y cremallera 20x20 a fijar por ruedas de Ø 148 mm. Longitud 2 m
Прикрепляемый зубчатый рельс 20x20 для колес 148 мм. Длина 2м



CODE	ART.	Finishing	Image	Box info	
				Pcs per pack	Kg
11400534 001	RG-30 G 2MT	Galvanized		1	10,8
11400634	RG-30i G 2MT	S.Steel		1	10,8



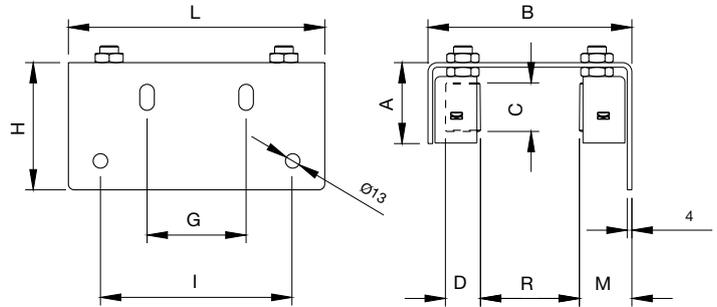
256

Adjustable guiding plate for gates with long wing to be screwed
 Platine guide-portail réglable avec aile longue à visser
 Verstellbarer Torführungsbügel mit langem Flügel zum Anschrauben
 Placa de guía de la puerta regulable con ala larga para fijar
 Пластина регулируемая направляющая ворот с длинной прикрепляемой полкой



CODE	ART.	Size	A	B	C	D	G	H	I	L	M	R	Box info	
													Pcs per pack	Kg
11305905 001	256-220	Ø30	70	175	40	Ø30	85	110	165	220	45	0-80	4	11,60
11305910 001	256-300	Ø40	80	230	58	Ø40	150	150	230	300	52	0-120	2	9,10

Finishing: Galvanized



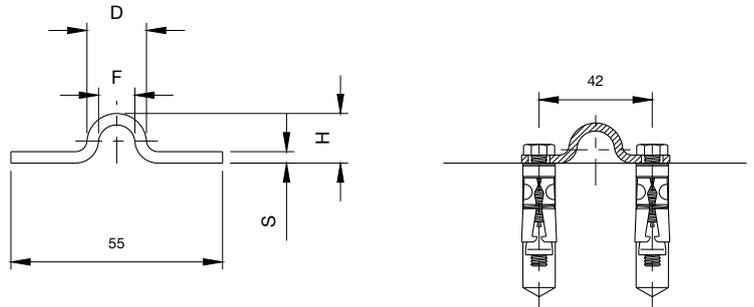
289

Track to be bolted "Rapido"
 Rail à visser "Rapido"
 Laufschiene zum Anschrauben "Rapido"
 Carril para fijar "Rápido"
 Рельсы прикрепляемые "Rapido"



CODE	ART.	D	F	L	H	S	Box info	
							Pcs per pack	Kg
10201505 001	289G-Ø19-Sp3	Ø19	Ø12	3000	16	3	25	123.00
10201510 001	289G-Ø19-Sp3	Ø19	Ø12	6000	16	3	25	246.00

Finishing: Galvanized



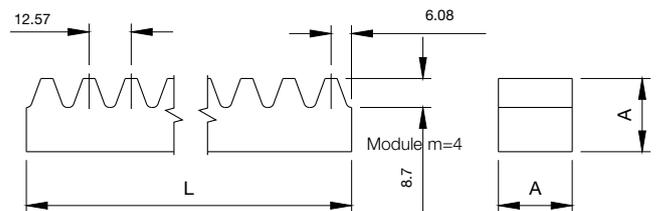
260

Square rack
 Crémaillère carrée
 Viereckige Zahnstange
 Cremallera cuadrada
 Зубчатая рейка квадратная



CODE	ART.	Size	A	L	Box info	
					Pcs per pack	Kg
11400505 001	260-22x22	L=1000	22	1000	1	3.10

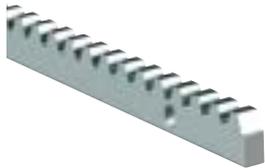
Finishing: Galvanized



Compatible accessories

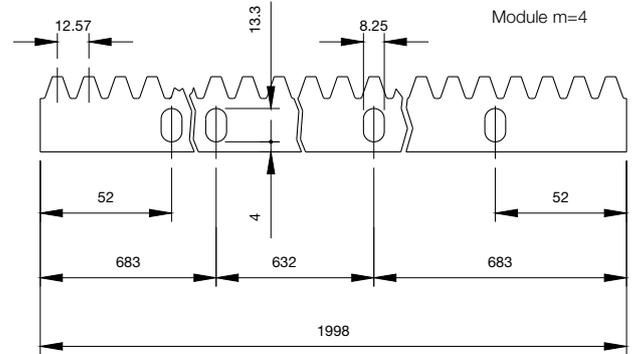
262

Rectangular rack 30x12 with holes
 Crémaillère rectangulaire 30x12 avec trous
 Rechteckige Zahnstange 30x12 mit Bohrungen
 Cremallera Rectangular 30x12 con agujeros
 Зубчатая рейка прямоугольная 30x12 с отверстиями



CODE	ART.	Size	L	Box info	
				Pcs per pack	Kg
11401005 001	262-30x12	L=1000	1000	1	2.40

Finishing: Galvanized



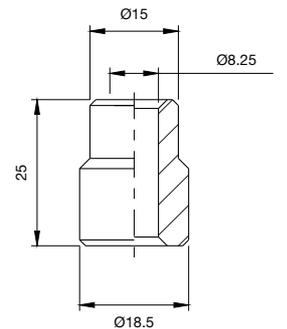
264

Support for rectangular rack to be welded
 Attache entretoise pour crémaillère rectangulaire
 Distanzstück für rechteckige Zahnstange zum Schweißen
 Fijación para soldar para cremallera rectangular
 Привариваемое соединение для прямоугольной зубчатой рейки



CODE	ART.	Box info	
		Pcs per pack	Kg
11401505 001	264	30	1.50

Finishing: Galvanized



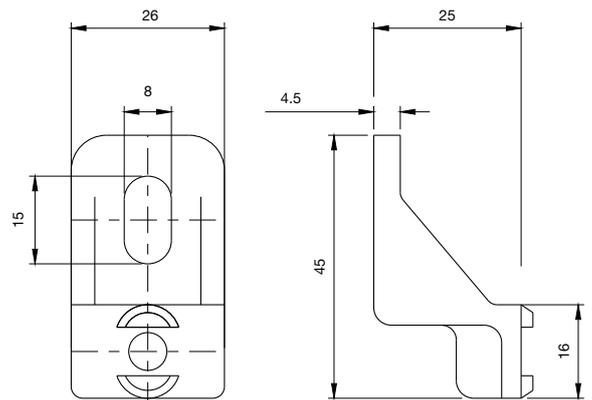
266

Alloy support for rectangular rack
 Attache entretoise en zamak pour crémaillère rectangulaire
 Zamak-Distanzstück für rechteckige Zahnstange
 Fijación de zamak para cremallera rectangular
 Соединение из сплава зама для прямоугольной зубчатой рейки



CODE	ART.	Box info	
		Pcs per pack	Kg
11402505 001	266	30	2.10

Finishing: Galvanized



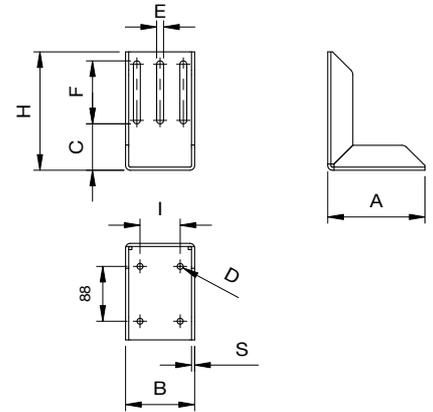
CG-15

Adjustable wall mounting angle racket for end cup
 Platine angulaire réglable fixation au mur pour butée
 Verstellbare Eckmuerhalterung für Auflageschuh
 Placa angular regulable fijación a la pared para encuentro
 Угловой регулируемый кронштейн крепления к стене для упора



CODE	ART.	A	B	C	D	E	F	H	I	S	Box info	
											Pcs per pack	Kg
10708001 001	CG-15M	155	110	65	∅ 9.5	9	78	165	64	5	1	2.60
10708005 001	CG-15P	155	110	80	∅ 9.5	11	90	190	64	5	1	2.90

Finishing: Galvanized



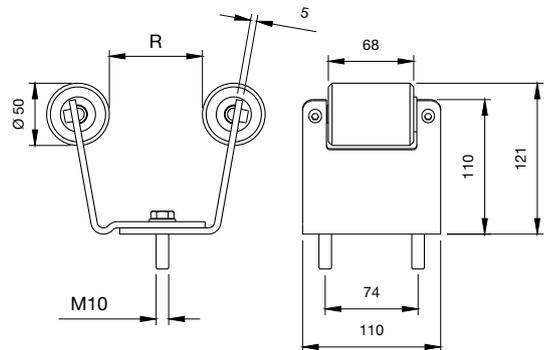
CG-30

Adjustable end cup to be fixed for gates
 Butée réglable à fixer pour portails
 Verstellbarer Auflageschuh zum Aufschrauben für Tore
 Encuentro para puertas regulable para fijar
 Прикрепляемый упор для ворот регулируемый



CODE	ART.	Size	R	Box info	
				Pcs per pack	Kg
10707601 001	CG-30M	Mini	53-76	1	1.50
10707605 001	CG-30P	Piccolo	86-114	1	1.90
10707610 001	CG-30G	Grande	103-150	1	2.30

Finishing: Galvanized



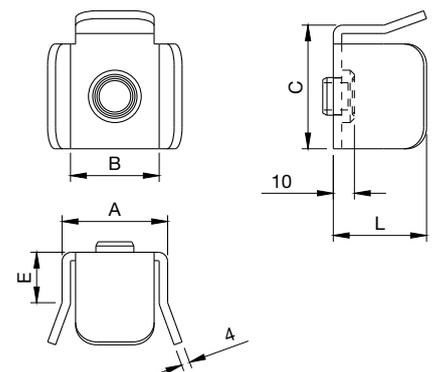
199

Upper end with shock absorber cup
 Butée supérieure avec bouchon amortisseur
 Oberer Auflageschuh mit Schlusdämpfer
 Encuentro superior con tapón amortiguador
 Верхний упор с амортизирующим буфером



CODE	ART.	Size	A	B	C	E	L	Box info	
								Pcs per pack	Kg
10704705	199-50	Medio	60	52	69	30	50	6	2,3
10704710	199-60	Grande	70	62	79	35	60	6	3,0

Finishing: Raw



Compatible accessories

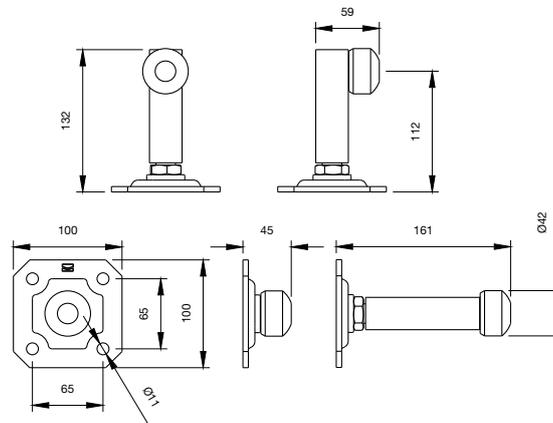
201

Strike plate to be fastened with triple function
 Butée à fixer triple fonction
 Auflaufschuh zur Befestigung mit dreifacher Funktion
 Tope "tris" para fijar triple función
 Упор "трис" прикрепляемый с тройной функцией



CODE	ART.	Box info	
		Pcs per pack	Kg
10701450 001	201	2	2,8

Finishing: Galvanized



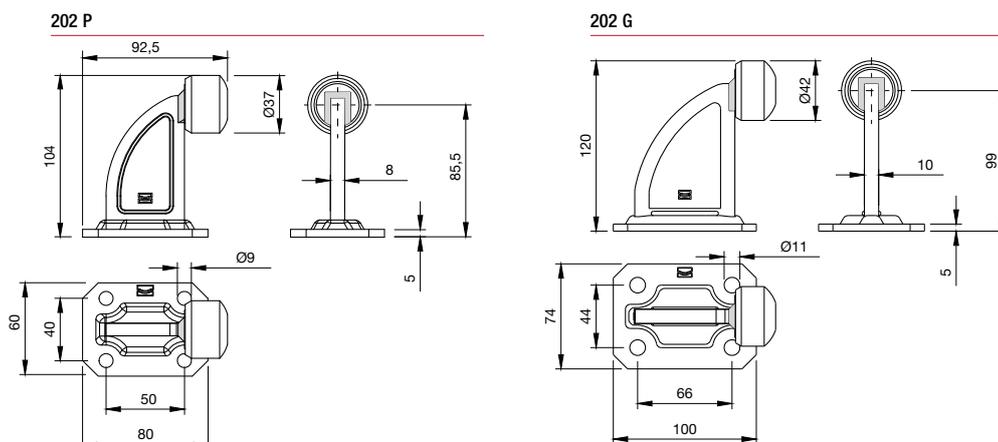
202 P - G

Runaway stop to be screwed
 Boutoir de fin de course avec base à visser
 Torendpuffer mit Befestigungsplatte zum Anschrauben
 Tope de final de carrera con base para fijar
 Стопор конца хода с прикрепляемым основанием



CODE	ART.	Box info	
		Pcs per pack	Kg
10701805 001	202 P	20	12,0
10701810 001	202 G	10	7,4

Finishing: Galvanized



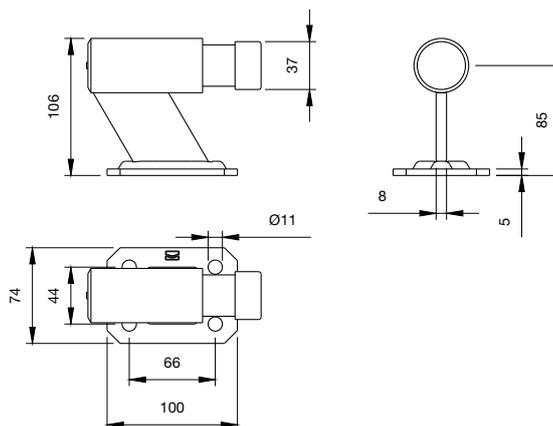
202F-A

Damped runaway stop to be screwed
 Boutoir de fin de course amorti avec base à visser
 Torendpuffer mit Platte zum Anschrauben
 Tope de final de carrera amortiguado con base para fijar
 Амортизированный стопор конца хода с прикрепляемым основанием



CODE	ART.	Box info	
		Pcs per pack	Kg
10704201 001	202F-A	4	5,6

Finishing: Galvanized





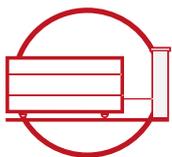
Sliding Gates





Wheels and hardware for sliding gates.

 **COMUNELLO****GATE**



Sliding gates



Runaway stops



ART.
200
200i
201
202
202A
202F-A
202F-C

Tracks



ART.
287
287 FP
287i
289
289i-G
290
291
291i
292
293
293i
294
295
295i
297
297 G
297i

Racks and supports



ART.
260
260i
261
262
262i
263
264
264i
265
265L
266

Plates and rollers



ART.	ART.
227	247
228	247F
229	250
230	250i
230i	251
231	252
232	253
232N	254
233	255
235	255N
240	255i
242	257
243	256
244	258
245	



Upper end



ART.
199
203
204

Wheels



ART.	ART.	ART.
300V	322U	335V
300i	322Y	335i
300U	323	335U
305i	324	335Y
305V	325	336
305U	325U	336i
306	326V	336U
307	326U	336Y
308	327	337
310	328	337i
309	330V	338
310i	330U	338i
315	330Y	339V
315i	332	339U
320V	333V	339
320U	333U	340
320Y	333Y	342
322V	334	

Locks and accessories



ART.
205
209
210
211
212
213
215
215-S
216
217
220
222
223

Life made easy

Wheels for sliding gates



399

Grease gun twin wheels

FEATURES

- The two wheels are designed with grease nipples for quick and effective maintenance.
- Double bearing wheels; available with half-rounded, v-shaped and U-shaped grooves.
- Available in 3 sizes, they reach a maximum capacity of 3000Kg (max gate weight 6000kg)
- The central pivot system ensures that the trolley can tilt to adapt to the movement of the gate and always distribute the load on all wheels.



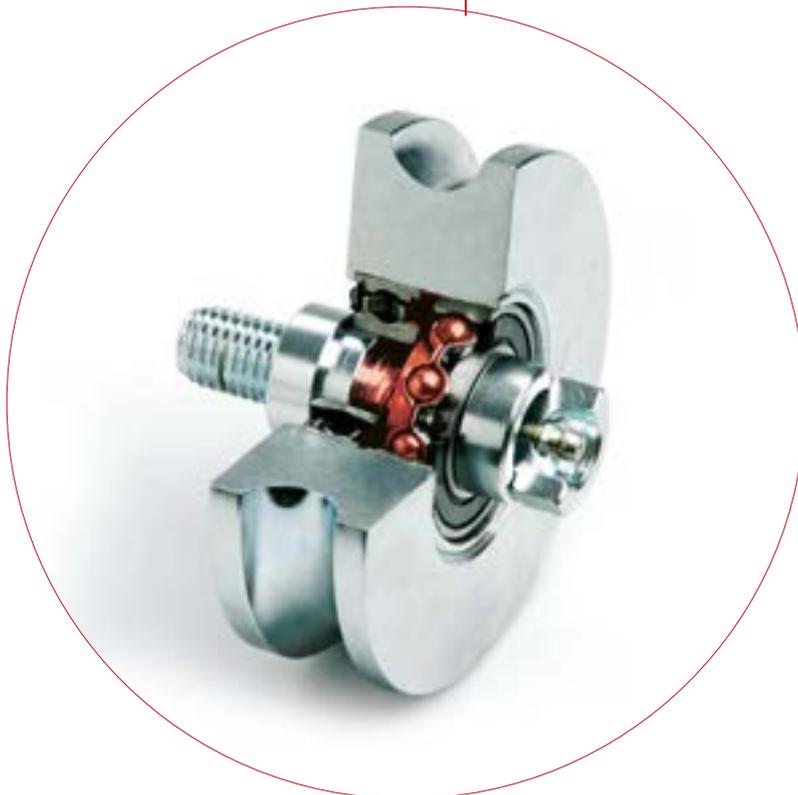
The pin shows a hole with greaser placed at the outside of the same pin. The hole allows the grease to flow directly inside the bearings.

All wheels of Comunello range are made of **steel C40**



All bearings installed inside Comunello professional wheels are new and perfectly shielded

Thanks to the steel ring placed between the 2 bearings, the grease flows totally inside the ball bearings by increasing considerably the lubrication and functionality of the wheel.



Life made easy

300 W

Wheel with V groove
Galet avec gorge V
Schiebetorrolle mit V-Rille
Rueda canal V
Колесо с пазом V



1 BEARING

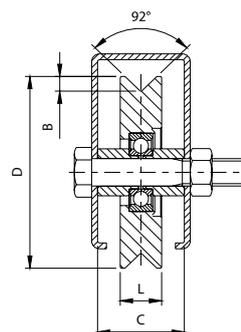


CODE	ART.	B	C	D	L	Perno Wheel Pin	Portata ruota-Kg Capacity wheel-Kg	Box info	
								Pcs per pack	Kg
11501001 001	300V-40	4	16	∅ 40	12	M8 x 30	50	50	5,10
11501005 001	300V-50	4	16	∅ 50	12	M8 x 30	70	30	4,90
11501010 001	300V-60	7	24	∅ 60	16,5	M10 x 45	100	12	3,70
11501015 001	300V-70	7	34	∅ 68	20	M14 x 70	190	12	6,50
11501020 001	300V-80	7	34	∅ 78	20	M14 x 70	200	10	7,00
11501030 001	300V-90	7,5	34	∅ 88	21	M14 x 70	210	8	7,40
11501040 001	300V-100	7,5	34	∅ 98	21	M14 x 70	220	8	9,30
11501050 001	300V-120	7,5	34	∅ 117	21	M14 x 70	240	6	10,0
11501060 001	300V-140	9	44	∅ 137	25	M16 x 70	270	2	4,90
11501070 001	300V-160	9	44	∅ 157	25	M16 x 70	290	2	6,60
11501080 001	300V-200	9	44	∅ 197	25	M16 x 70	330	2	11,20

Finishing: Galvanized



Equally distributed weight



300i W

Wheel with V groove
Galet avec gorge V
Schiebetorrolle mit V-Rille
Rueda canal V
Колесо с пазом V

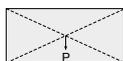


1 BEARING

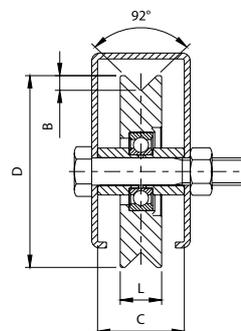


CODE	ART.	B	C	D	L	Perno Wheel Pin	Portata ruota-Kg Capacity wheel-Kg	Box info	
								Pcs per pack	Kg
11501410	300i-V60	7	24	∅ 60	16,5	M10 x 45	100	2	0,70
11501420	300i-V80	7	34	∅ 78	20	M14 x 70	200	2	1,42
11501430	300i-V90	7,5	34	∅ 88	21	M14 x 70	210	2	1,92
11501440	300i-V100	7,5	34	∅ 98	21	M14 x 70	220	2	2,43
11501450	300i-V120	7,5	34	∅ 117	21	M14 x 70	240	2	3,43
11501460	300i-V140	9	44	∅ 137	25	M16 x 70	270	2	5,30
11501470	300i-V160	9	44	∅ 157	25	M16 x 70	370	2	6,90
11501480	300i-V200	9	44	∅ 197	25	M16 x 70	400	2	11,30

Finishing: Inox / Stainless steel



Equally distributed weight



300

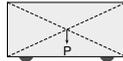
Wheel with U groove
Galet avec gorge U
Schiebetorrolle mit U-Rille
Rueda canal U
Колесо с пазом U

 1 BEARING

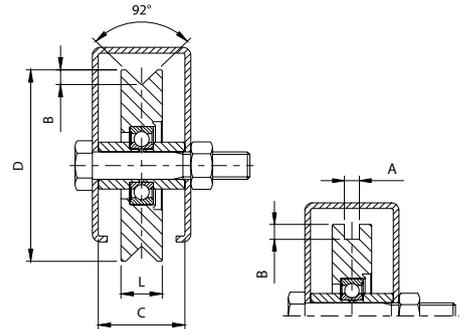


CODE	ART.	A	B	C	D	L	Perno Wheel Pin	Portata ruota-Kg Capacity wheel-Kg	Box info	
									Pcs per pack	Kg
11500501 001	300U-40	6	4	16	∅ 40	12	M8 x 30	50	50	5,10
11500505 001	300U-50	6	4	16	∅ 50	12	M8 x 30	70	30	4,90
11500510 001	300U-60	8	7	24	∅ 60	16,5	M10 x 45	100	12	3,70
11500515 001	300U-70	8	8	34	∅ 68	20	M14 x 70	190	12	6,50
11500520 001	300U-80	8	8	34	∅ 78	20	M14 x 70	200	10	7,00
11500530 001	300U-90	8	8	34	∅ 88	21	M14 x 70	210	8	7,40
11500540 001	300U-100	8	8	34	∅ 98	21	M14 x 70	220	8	9,30
11500550 001	300U-120	8	8	34	∅ 117	21	M14 x 70	240	6	10,0
11500560 001	300U-140	16	10	44	∅ 137	25	M16 x 70	270	2	4,90
11500570 001	300U-160	16	10	44	∅ 157	25	M16 x 70	290	2	6,60
11500580 001	300U-200	16	10	44	∅ 197	25	M16 x 70	330	2	11,20

Finishing: Galvanized



Equally distributed weight



305

Wheel with V groove
Galet avec gorge V
Schiebetorrolle mit V-Rille
Rueda canal V
Колесо с пазом V

 2 BEARINGS

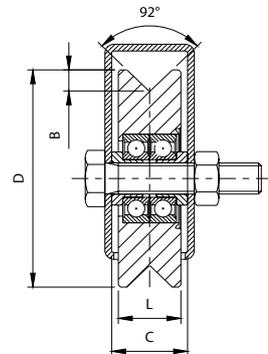


CODE	ART.	B	C	D	L	Perno Wheel Pin	Portata ruota-Kg Capacity wheel-Kg	Box info	
								Pcs per pack	Kg
11502040 001	305V-100	9,5	34	∅ 98	28	M14 x 70	425	8	11,70
11502050 001	305V-120	9,5	34	∅ 117	28	M14 x 70	450	6	12,80
11502060 001	305V-140	10	44	∅ 137	31	M16 x 70	550	2	6,60
11502070 001	305V-160	10	44	∅ 157	33	M16 x 70	575	2	9,20
11502080 001	305V-200	10	44	∅ 197	33	M16 x 70	625	2	14,80

Finishing: Galvanized



Equally distributed weight



Life made easy

305i W

Wheel with V groove
 Galet avec gorge V
 Schiebetorrolle mit V-Rille
 Rueda canal V
 Колесо с пазом V



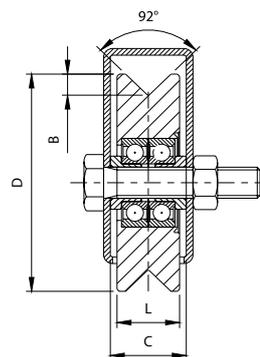
2 BEARINGS

CODE	ART.	B	C	D	L	Perno Wheel pin	Portata ruota-Kg Capacity wheel-Kg	Box info	
								Pcs per pack	Kg
11502140	305I-V100	9,5	34	∅ 98	28	M14 x 70	400	2	3,00
11502150	305I-V120	9,5	34	∅ 117	28	M14 x 70	420	2	4,30
11502160	305I-V140	10	44	∅ 137	31	M16 x 70	540	2	6,60
11502170	305I-V160	10	44	∅ 157	33	M16 x 70	770	2	9,50
11502180	305I-V200	10	44	∅ 197	33	M16 x 70	800	2	15,10

Finishing: *Inox / Stainless steel*



Equally distributed weight



305 U

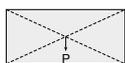
Wheel with U groove
 Galet avec gorge U
 Schiebetorrolle mit U-Rille
 Rueda canal U
 Колесо с пазом U



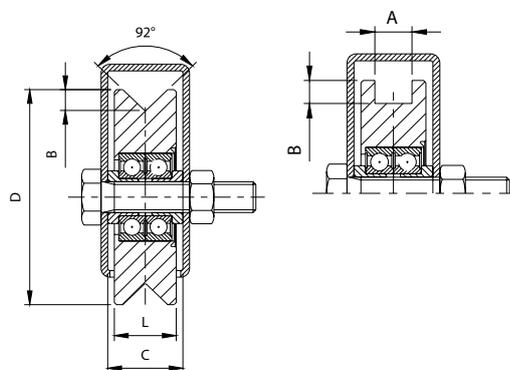
2 BEARINGS

CODE	ART.	A	B	C	D	L	Perno Wheel Pin	Portata ruota-Kg Capacity wheel-Kg	Box info	
									Pcs per pack	Kg
11501540 001	305U-100	16	10	34	∅ 98	28	M14 x 70	425	8	11,70
11501550 001	305U-120	21	10	34	∅ 117	28	M14 x 70	450	6	12,80
11501560 001	305U-140	21	10	44	∅ 137	31	M16 x 70	550	2	6,60
11501570 001	305U-160	21	10	44	∅ 157	33	M16 x 70	575	2	9,20
11501580 001	305U-200	21	10	44	∅ 197	33	M16 x 70	625	2	14,80

Finishing: *Galvanized*



Equally distributed weight



310 W

Wheel with half-rounded groove
 Galet avec gorge demi-ronde
 Schiebtorrolle mit Rundrille
 Rueda canal semirredondo
 Колесо с полукруглым пазом

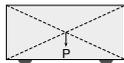


1 BEARING

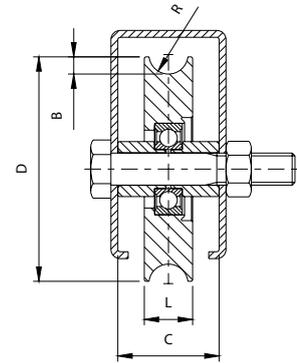


CODE	ART.	B	C	D	L	R			Perno Wheel Pin	Portata ruota-Kg Capacity wheel-Kg	Box info	
											Pcs per pack	Kg
11504501 001	310-40	4	16	∅ 40	12	4,5	-	-	M8 x 30	50	50	5,10
11504505 001	310-50	4	16	∅ 50	12	4,5	-	-	M8 x 30	70	30	4,70
11504510 001	310-60	4	24	∅ 60	16,5	4,5	-	-	M10 x 45	100	12	4,10
11504515 001	310-70	7,5	34	∅ 68	20	8,5	∅ 15	∅ 15	M14 x 70	190	12	5,80
11504520 001	310-80	7,5	34	∅ 78	20	8,5	∅ 15	∅ 15	M14 x 70	200	10	6,40
11504525 001	310-80S	9,5	34	∅ 78	24	10,3	∅ 19	∅ 19	M14 x 70	200	10	6,60
11504530 001	310-90	7,5	34	∅ 88	21	8,5	∅ 15	∅ 15	M14 x 70	210	8	6,90
11504535 001	310-90S	9,5	34	∅ 88	24	10,3	∅ 19	∅ 19	M14 x 70	210	8	7,00
11504540 001	310-100	7,5	34	∅ 98	21	8,5	∅ 15	∅ 15	M14 x 70	220	8	8,70
11504545 001	310-100S	9,5	34	∅ 98	24	10,3	∅ 19	∅ 19	M14 x 70	220	8	8,80
11504550 001	310-120	9,5	34	∅ 117	25	10,3	∅ 19	∅ 19	M14 x 70	240	6	10,40
11504560 001	310-140	9,5	44	∅ 137	25	10,3	∅ 19	∅ 19	M16 x 70	270	2	5,00
11504570 001	310-160	9,5	44	∅ 157	25	10,3	∅ 19	∅ 19	M16 x 70	290	2	6,60
11504580 001	310-200	9,5	44	∅ 197	25	10,3	∅ 19	∅ 19	M16 x 70	330	2	10,70

Finishing: Galvanized



Equally distributed weight



310i W

Wheel with half-rounded groove
 Galet avec gorge demi-ronde
 Schiebtorrolle mit Rundrille
 Rueda canal semirredondo
 Колесо с полукруглым пазом

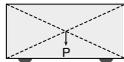


1 BEARING

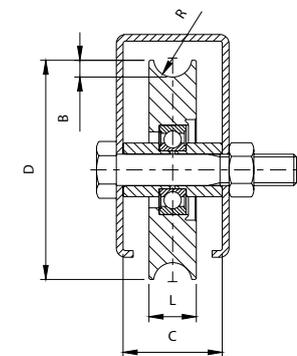


CODE	ART.	B	C	D	L	R			Perno Wheel Pin	Portata ruota-Kg Capacity wheel-Kg	Box info	
											Pcs per pack	Kg
11504810	310i-60	4	24	∅ 60	16,5	4,5	-	-	M10 x 45	100	2	0,70
11504825	310i-80S	9,5	34	∅ 78	24	10,3	∅ 19	∅ 19	M14 x 70	200	2	1,30
11504835	310i-90S	9,5	34	∅ 88	24	10,3	∅ 19	∅ 19	M14 x 70	210	2	1,70
11504845	310i-100S	9,5	34	∅ 98	24	10,3	∅ 19	∅ 19	M14 x 70	220	2	2,30
11504850	310i-120	9,5	34	∅ 117	25	10,3	∅ 19	∅ 19	M14 x 70	240	2	3,50
11504860	310i-140	9,5	44	∅ 137	25	10,3	∅ 19	∅ 19	M16 x 70	270	2	5,00
11504870	310i-160	9,5	44	∅ 157	25	10,3	∅ 19	∅ 19	M16 x 70	370	2	6,50
11504880	310i-200	9,5	44	∅ 197	25	10,3	∅ 19	∅ 19	M16 x 70	400	2	10,50

Finishing: Inox / Stainless steel



Equally distributed weight



Life made easy

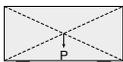
315 W

Wheel with half-rounded groove
 Galet avec gorge demi-ronde
 Schiebtorrolle mit Rundrille
 Rueda canal semirredondo
 Колесо с полукруглым пазом

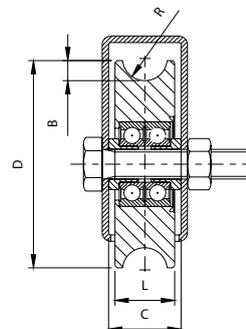


CODE	ART.	B	C	D	L	R			Perno Wheel Pin	Portata ruota-Kg Capacity wheel-Kg	Box info	
											Pcs per pack	Kg
11505040 001	315-100	9,5	34	Ø 98	28	10,5	Ø 19	Ø 19	M14 x 70	425	8	10,80
11505050 001	315-120	9,5	34	Ø 117	28	10,5	Ø 19	Ø 19	M14 x 70	450	6	11,90
11505060 001	315-140	9,5	44	Ø 137	31	11,5	Ø 19	Ø 19	M16 x 70	550	2	6,20
11505070 001	315-160	9,5	44	Ø 157	33	11,5	Ø 19	Ø 19	M16 x 70	575	2	8,90
11505080 001	315-200	9,5	44	Ø 197	33	11,5	Ø 19	Ø 19	M16 x 70	625	2	14,40

Finishing: Galvanized



Equally distributed weight



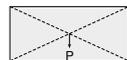
315i W

Wheel with half-rounded groove
 Galet avec gorge demi-ronde
 Schiebtorrolle mit Rundrille
 Rueda canal semirredondo
 Колесо с полукруглым пазом

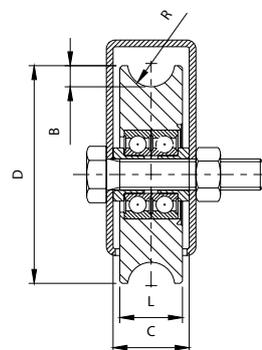


CODE	ART.	B	C	D	L	R			Perno Wheel Pin	Portata ruota-Kg Capacity wheel-Kg	Box info	
											Pcs per pack	Kg
11505140	315i-100	9,5	34	Ø 98	28	10,5	Ø 19	Ø 19	M14 x 70	400	2	2,70
11505150	315i-120	9,5	34	Ø 117	28	10,5	Ø 19	Ø 19	M14 x 70	420	2	4,00
11505160	315i-140	9,5	44	Ø 137	31	11,5	Ø 19	Ø 19	M16 x 70	540	2	6,30
11505170	315i-160	9,5	44	Ø 157	33	11,5	Ø 19	Ø 19	M16 x 70	770	2	9,00
11505180	315i-200	9,5	44	Ø 197	33	11,5	Ø 19	Ø 19	M16 x 70	800	2	14,50

Finishing: Inox / Stainless steel



Equally distributed weight



335 W

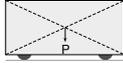
Wheel with internal plate, V groove
 Galet avec platine interne, gorge V
 Schiebetrolle mit Innenstützplatte und V-Rille
 Rueda con soporte interior canal V
 Колесо с внутренним суппортом с пазом V



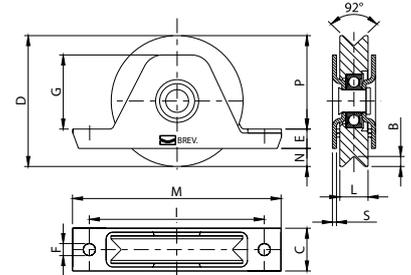
1 BEARING

CODE	ART.	B	C	D	E	F	G	I	L	M	N	P	S	Portata ruota-Kg Capacity wheel-Kg		Box info	
														Pcs per pack	Kg		
11513520 001	335V-80	7	32	Ø78	14	Ø9	38	110	20	135	14	50	3	180	6	4,90	
11513530 001	335V-90	7,5	32	Ø88	14,5	Ø9	55,5	130	21	155	8,5	65	3	190	6	6,70	
11513540 001	335V-100	7,5	32	Ø98	14,5	Ø9	55,5	130	21	155	13,5	70	3	200	6	8,00	
11513550 001	335V-120	9	37	Ø117	15	Ø9	65	155	25	185	16,5	85,5	3	220	2	4,50	
11513560 001	335V-140	9	40	Ø137	17	Ø11	77	175	25	205	15	105	3	240	2	6,20	

Finishing: Galvanized



Equally distributed weight



335i W

Wheel with internal plate, V groove
 Galet avec platine interne, gorge V
 Schiebetrolle mit Innenstützplatte und V-Rille
 Rueda con soporte interior canal V
 Колесо с внутренним суппортом с пазом V



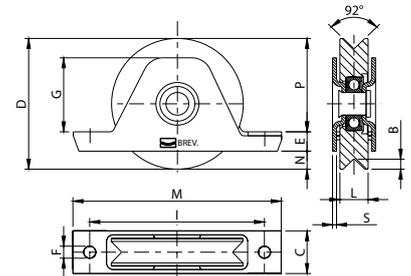
1 BEARING

CODE	ART.	B	C	D	E	F	G	I	L	M	N	P	S	Portata ruota-Kg Capacity wheel-Kg		Box info	
														Pcs per pack	Kg		
11513630	335i-V90	7,5	33	Ø88	14,5	Ø9	55,5	130	21	155	8,5	65	3	190	2	2,30	
11513640	335i-V100	7,5	33	Ø98	14,5	Ø9	55,5	130	21	155	13,5	70	3	200	2	2,80	
11513650	335i-V120	9	38	Ø117	15	Ø9	65	155	25	185	16,5	85,5	3	220	2	4,50	

Finishing: Inox / Stainless steel



Equally distributed weight



Life made easy

335

Wheel with external plates, U groove
 Galet avec platine interne, gorge U
 Schiebetorrolle mit Außenstützplatte und Rundrille
 Rueda con soporte interior canal U
 Колесо с внутренним суппортом с пазом U



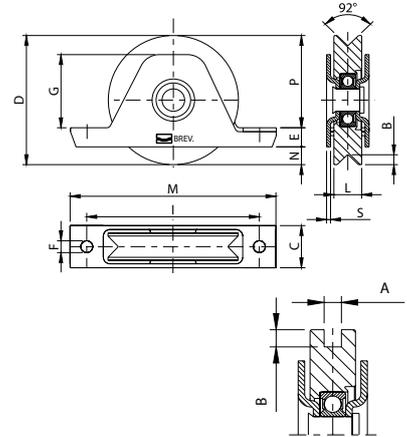
1 BEARING

CODE	ART.	A	B	C	D	E	F	G	I	L	M	N	P	S	Portata ruota-Kg			Box info	
															Capacity wheel-Kg	Pcs per pack	Kg	Pcs per pack	Kg
11513020 001	335U-80	8	8	32	Ø78	14	Ø9	38	110	20	135	14	50	3	180	6	4,90		
11513030 001	335U-90	8	8	32	Ø88	14,5	Ø9	55,5	130	21	155	8,5	65	3	190	6	6,70		
11513040 001	335U-100	8	8	32	Ø98	14,5	Ø9	55,5	130	21	155	13,5	70	3	200	6	8,00		
11513050 001	335U-120	16	10	37	Ø117	15	Ø9	65	155	25	185	16,5	85,5	3	220	2	4,50		
11513060 001	335U-140	16	10	40	Ø137	17	Ø11	77	175	25	205	15	105	3	240	2	6,20		

Finishing: Galvanized



Equally distributed weight



335

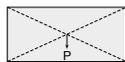
Wheel with external plates, Y groove
 Galet avec platine interne, gorge Y
 Schiebetorrolle mit Außenstützplatte und Rundrille
 Rueda con soporte interior canal Y
 Колесо с внутренним суппортом с пазом Y



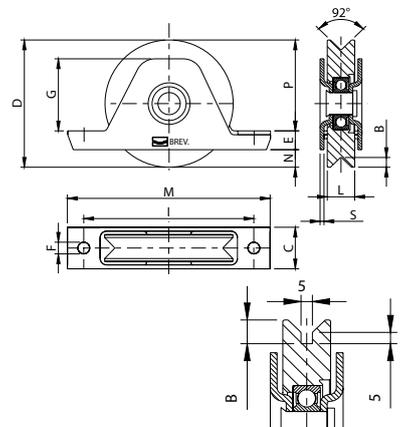
1 BEARING

CODE	ART.	B	C	D	E	F	G	I	L	M	N	P	S	Portata ruota-Kg			Box info	
														Capacity wheel-Kg	Pcs per pack	Kg	Pcs per pack	Kg
11513720 001	335Y-80	9,5	32	Ø78	14	Ø9	38	110	20	135	14	50	3	180	6	4,90		
11513730 001	335Y-90	10,5	32	Ø88	14,5	Ø9	55,5	130	21	155	8,5	65	3	190	6	6,70		
11513740 001	335Y-100	10,5	32	Ø98	14,5	Ø9	55,5	130	21	155	13,5	70	3	200	6	8,00		
11513750 001	335Y-120	12,5	37	Ø117	15	Ø9	65	155	25	185	16,5	85,5	3	220	2	4,50		
11513760 001	335Y-140	12,5	40	Ø137	17	Ø11	77	175	25	205	15	105	3	240	2	6,20		

Finishing: Galvanized



Equally distributed weight



338 W

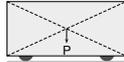
Wheel with internal plate, half-rounded groove
 Galet avec platine interne, gorge demi-ronde
 Schiebetorrolle mit Rundrille und Innenstützplatte
 Rueda con soporte interior canal semirredondo
 Колесо с внутренним суппортом с полукруглым пазом

CODE	ART.	B	C	D	E	F	G	I	L	M	N	P	R	S	Portata ruota-Kg Capacity wheel-Kg	Box info		
																Pcs per pack	Kg	
11515530 001	338-90	8	32	Ø88	14,5	Ø9	55,5	130	24	155	9	64,5	10,5	3	Ø19 Ø19	300	6	7,10
11515540 001	338-100	8	32	Ø98	14,5	Ø9	55,5	130	24	155	14	69,5	10,5	3	Ø19 Ø19	380	6	8,70
11515550 001	338-120	9,5	37	Ø117	15	Ø9	65	155	28	185	16,5	85,5	10,5	3	Ø19 Ø19	400	2	4,70
11515560 001	338-140	9,5	40	Ø137	17	Ø11	77	175	28	205	15	105	10,5	3	Ø19 Ø19	420	2	6,70
11515570 001	338-160	9,5	42	Ø157	20	Ø11	87	195	33	225	20,5	116,5	11,5	3	Ø19 Ø19	640	2	10,10
11515580 001	338-200	9,5	42	Ø197	22,5	Ø11	107,5	240	33	275	26,5	148	11,5	3	Ø19 Ø19	700	2	16,30

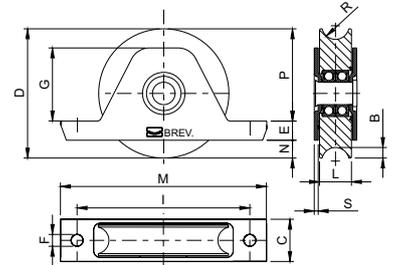
Finishing: Galvanized



2 BEARINGS



Equally distributed weight



338i W

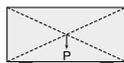
Wheel with internal plate, half-rounded groove and 2 bearings
 Galet avec platine interne, gorge demi-ronde et 2 roulements
 Schiebetorrolle mit Rundrille, Innenstützplatte und 2 Kugellagern
 Rueda con soporte interior canal semirredondo con 2 rodamientos
 Колесо с внутренним суппортом с полукруглым пазом с 2 подшипниками

CODE	ART.	B	C	D	E	F	G	I	L	M	N	P	R	S	Portata ruota-Kg Capacity wheel-Kg	Box info		
																Pcs per pack	Kg	
11515630	338i-90	8	33	Ø88	14,5	Ø9	55,5	130	24	155	9	64,5	10,5	3	Ø19 Ø19	300	2	2,50
11515640	338i-100	8	33	Ø98	14,5	Ø9	55,5	130	24	155	14	69,5	10,5	3	Ø19 Ø19	380	2	3,00
11515650	338i-120	9,5	38	Ø117	15	Ø9	65	155	28	185	16,5	85,5	10,5	3	Ø19 Ø19	400	2	4,80

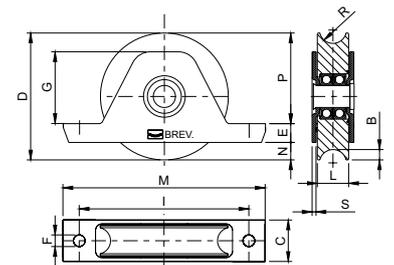
Finishing: Inox / Stainless steel



2 BEARINGS



Equally distributed weight



Life made easy

339

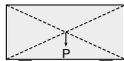
Grease gun twin wheels U groove
 Galets combinés avec graisseur, gorge U
 Verknüpfte Schiebetorrollen mit U-Rille und Schmiernippel
 Ruedas combinadas canal U con engrasador
 Комбинированные колеса с пазом U с масленкой

 2 BEARINGS

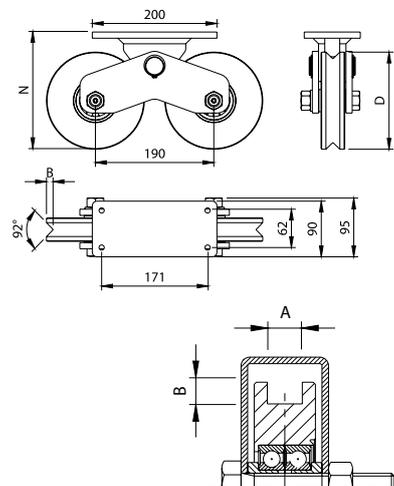


CODE	ART.	A	B	D	N	R	Perno Wheel Pin	Portata ruota-Kg Capacity wheel-Kg	Box info	
									Pcs per pack	Kg
11515611 001	339U-120	21	10	Ø117	170	10,5	M18 x 80	1200	2	20,00
11515612 001	339U-160	21	10	Ø157	190	11,5	M18 x 80	1920	2	30,20

Finishing: Galvanized



Equally distributed weight



339

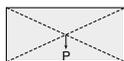
Grease gun twin wheels V groove
 Galets combinés avec graisseur, gorge V
 Verknüpfte Schiebetorrollen mit V-Rille und Schmiernippel
 Ruedas combinadas canal V con engrasador
 Комбинированные колеса с пазом V с масленкой

 2 BEARINGS

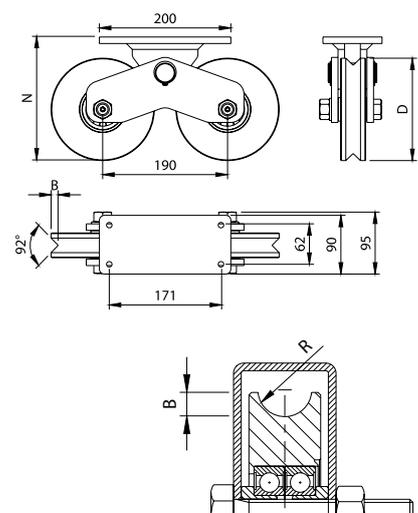


CODE	ART.	B	D	N	R	Perno Wheel Pin	Portata ruota-Kg Capacity wheel-Kg	Box info	
								Pcs per pack	Kg
11515621 001	339V-120	10	Ø117	170	10,5	M18 x 80	1200	2	20,00
11515622 001	339V-160	10,5	Ø157	190	11,5	M18 x 80	1920	2	30,20

Finishing: Galvanized



Equally distributed weight



339 W

Grease gun twin wheels half-rounded groove
 Galets combinés avec graisseur, gorge demi-ronde
 Verknüpfte Schiebetorrollen mit Rundrille und Schmiernippel
 Ruedas combinadas canal semirredondo con engrasador
 Комбинированные колеса с полукруглым пазом с масленкой

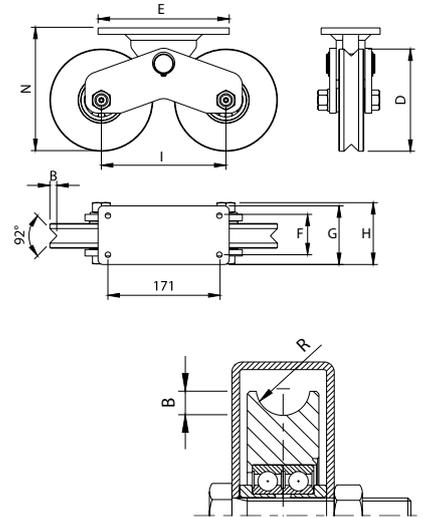
CODE	ART.	B	D	N	R	E	F	G	H	I	Perno Wheel Pin	Portata ruota-Kg Capacity wheel-Kg	Box info	
													Pcs per pack	Kg
11515641 001	339-120	9,5	Ø117	170	10,5	200	62	90	95	190	M18 x 80	1200	2	20,00
11515642 001	339-160	9,5	Ø157	190	11,5	200	62	90	95	190	M18 x 80	1920	2	30,20
19907301 001	339-250	9,5	Ø247	281	11,5	250	110	140	135	300	M24 x 120	3000	1	43,00

Finishing: Galvanized



Equally distributed weight

 2 BEARINGS



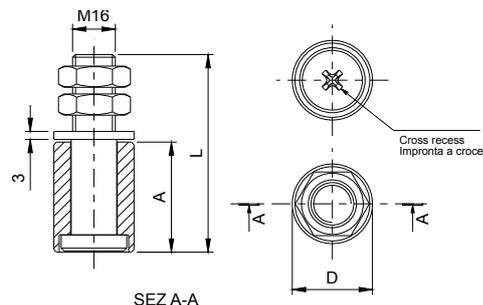
227

Brass roller
Rouleau en laiton
Führungsrolle aus Messing
Rodillo de latón
Латунный наконечник



CODE	ART.	A	D	L	M	Pcs per pack	Box info	
							Kg	
11300505 001	227-30	41	Ø30	74	24	20	6,4	
11300510 001	227-42	58	Ø42	98	24	20	13,8	

Finishing: Galvanized



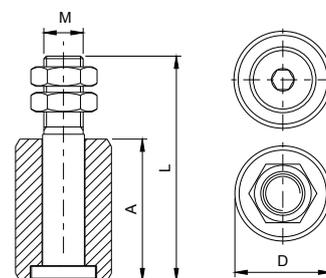
228

Black nylon roller
Rouleau en nylon noir
Schwarze Nylon-Führungsrolle
Rodillo de nailon negro
Нейлоновый черный наконечник



CODE	Art.	A	D	L	M	Pcs per pack	Box info	
							Kg	
11301021 001	228-30	43	Ø30	74	M16	20	3,70	
11301031 001	228-40	57	Ø39	98	M16	20	5,20	
11301041 001	228-50	40	Ø50	74	M16	20	5,22	

Finishing: Galvanized



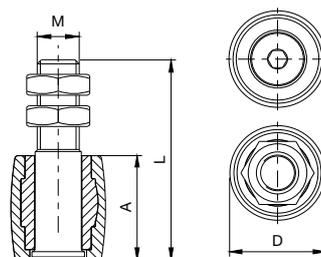
229

Black rubber and nylon roller
Rouleau en caoutchouc et nylon noir
Schwarze Gummi-Führungsrolle
Rodillo de goma/nailon negro
Направляющий ролик в нейлоновом резиновом би-материале



CODE	Art.	A	D	L	M	Pcs per pack	Box info	
							Kg	
11308002 001	229-32	40	Ø32	71	M14	20	3	
11308003 001	229-39	55	Ø39	98	M16	20	5,4	
11308001 001	229-45	50	Ø45	96	M20	20	7,8	

Finishing: Galvanized



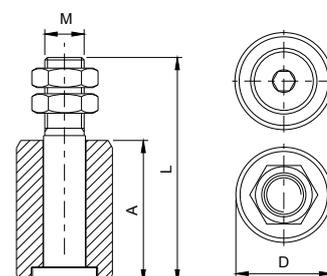
230

Nylon roller
Rouleau en nylon
Nylon-Führungsrolle
Rodillo de nylon
Нейлоновый наконечник



CODE	ART.	A	D	L	M	Pcs per pack	Box info	
							Kg	
11301005 001	230-25	34	Ø25	63	M14	20	2,50	
11301010 001	230-30	40	Ø30	74	M16	20	3,70	
11301015 001	230-40	58	Ø39	98	M16	20	5,30	
11301017 001	230-41	43	Ø41	74	M16	20	4,40	
11301020 001	230-42	58	Ø42	98	M16	20	5,50	

Finishing: Galvanized



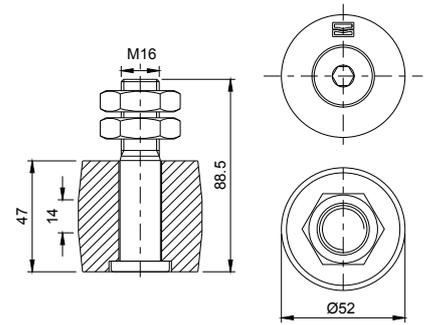
231

Nylon roller
Rouleau en nylon
Nylon-Führungsrolle
Rodillo de nylon
Нейлоновый наконечник



CODE	ART.	24	Box info	
			Pcs per pack	Kg
11301505 001	231-052	24	20	9,6

Finishing: Galvanized



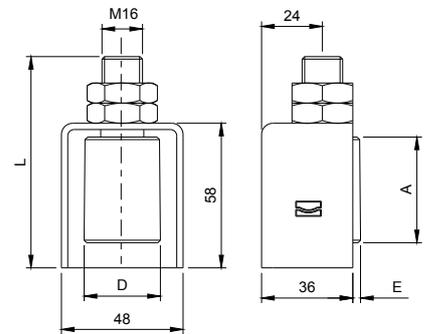
232

Nylon roller with accident prevention
Rouleau en nylon pour la prévention des accidents
Nylon-Führungsrolle für die Unfallverhütung
Rodillo de nylon con protección
Нейлоновый наконечник с защитой от несчастных случаев



CODE	ART.	A	B	D	I	H	Box info	
							Pcs per pack	Kg
11302210 001	232-30	40	Ø30	3	84	24	20	4,40
11302215 001	232-40	58	Ø39	7,5	98	24	20	5,90

Finishing: Galvanized



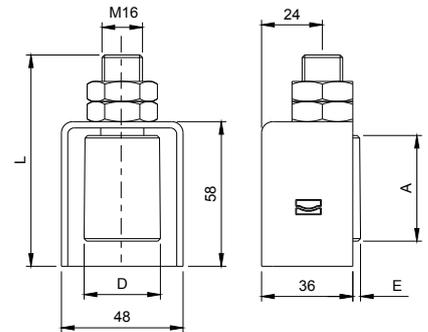
232N

Black nylon roller with accident prevention
Rouleau en nylon noir pour la prévention des accidents
Schwarze Nylon-Führungsrolle für die Unfallverhütung
Rodillo negro de nailon con protección
Чернить Нейлоновый наконечник с защитой от несчастных случаев



CODE	ART.	A	B	D	I	H	Box info	
							Pcs per pack	Kg
11302211 001	232N-30	40	Ø30	3	84	24	20	4,40
11302217 001	232N-40	58	Ø39	7,5	98	24	20	5,90

Finishing: Galvanized



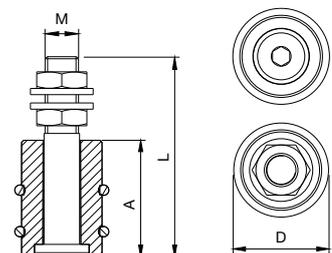
233

Nylon roller with O-ring
Rouleau en nylon avec joint toriques
Nylon-Führungsrolle mit O-ring
Rodillo de nailon con juntas tórica
Нейлоновый наконечник с уплотнительным кольцом



CODE	Art.	A	D	L	M	24	Box info	
							Pcs per pack	Kg
11301009 001	233-25	34	Ø30	63	M14	22	20	2,50
11301014 001	233-30	43	Ø35	74	M16	24	20	3,70
11301022 001	233-40	57	Ø45	98	M16	24	20	5,30

Finishing: Galvanized



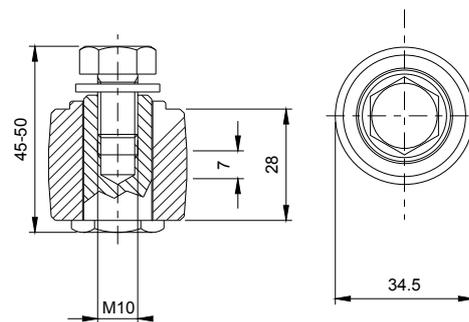
235

Nylon roller
Rouleau en nylon
Nylon-Führungsrolle
Rodillo de nylon
Нейлоновый наконечник



CODE	ART.		Box info	
			Pcs per pack	Kg
11302005 001	235-35	17	20	2,0

Finishing: Galvanized



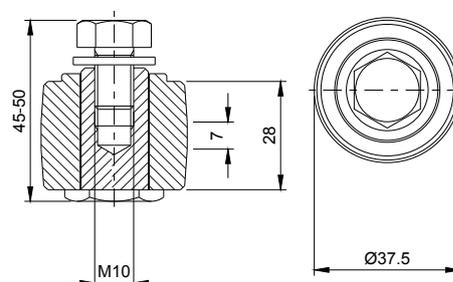
240

Nylon roller
Rouleau en nylon
Nylon-Führungsrolle
Rodillo de nylon
Нейлоновый наконечник



CODE	ART.		Box info	
			Pcs per pack	Kg
11302010 001	240-37,5	17	20	2,2

Finishing: Galvanized



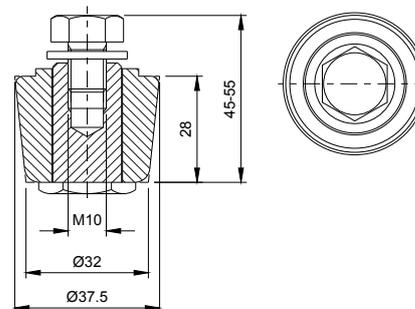
242

Nylon conical roller
Rouleau conique en nylon
Nylon-Führungsrolle mit konischem Verlauf
Rodillo cónico de nylon
Нейлоновый конический наконечник



CODE	ART.		Box info	
			Pcs per pack	Kg
11302505 001	242-37,5	17	20	2,3

Finishing: Galvanized



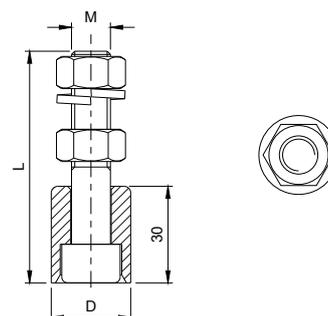
243

Nylon roller
Rouleau en nylon
Nylon-Führungsrolle
Rodillo de nylon
Нейлоновый роликовый наконечник



CODE	ART.	D	L	M		Box info	
						Pcs per pack	Kg
11303005 001	243-25	Ø25	72	M12	19	20	2,30
11303010 001	243-30	Ø30	75	M14	22	20	3,30
11303015 001	243-40	Ø40	75	M14	22	20	3,60

Finishing: Galvanized



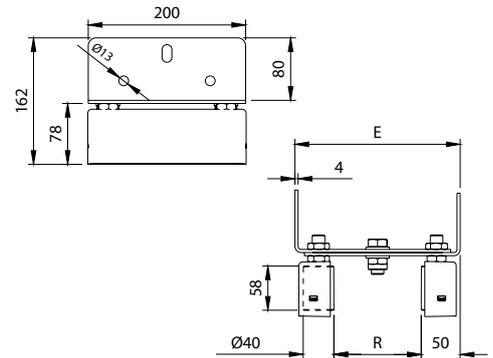
252

Double adjustment plate to be screwed for gates with 2 columns
 Platine double réglage à visser pour portails avec 2 colonnes
 Platte zum Anschrauben mit Doppelverstellung für Tore mit zwei Pfeiler
 Placa doble regulación para fijar para puertas con dos columnas
 Прикрепляемая пластина с двойным регулированием для ворот с двумя стойками



CODE	ART.	Size	E	R	Box info	
					Pcs per pack	Kg
11306205 001	252-200	Ø 40	210-360	0-300	1	4,1

Finishing: Galvanized



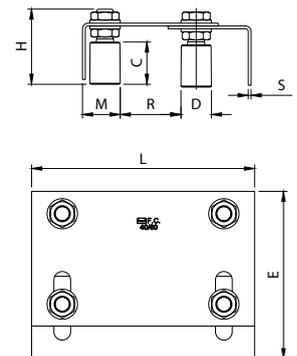
255i

Guiding plate for gates with double adjustment
 Platine guide-portail à double réglage
 Torführungsbügel mit Doppelverstellung
 Placa de guía de la puerta de doble regulación
 Пластина направляющая ворот с двойным регулированием



CODE	ART.	Size	C	D	E	H	L	M	R	S	Box info	
											Pcs per pack	Kg
11306105	225i-220	Ø30	40	Ø30	135-175	74	220	38	35-62	2,5	1	2,3

Finishing: Stainless steel



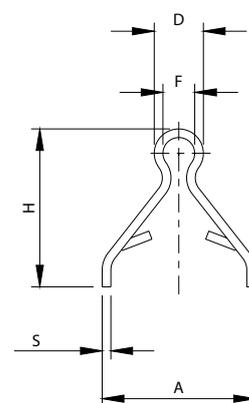
287

Track to be cemented "Pendolino"
 Rail à sceller "Pendolino"
 Bodenlaufschiene zum Einbetonieren "Pendolino"
 Carril para cementar "Pendolino"
 Рельсы цементируемые "Pendolino"



CODE	ART.	Size	A	D	F	H	S	Box info	
								Pcs per pack	Kg
10204001 001	287P-Ø15-Sp3	L=3000	44	Ø15	Ø9	48	3	10	75,00
10204011 001	287P-Ø15-Sp3	L=3000	44	Ø15	Ø9	48	3	54	405,00
10204002 001	287P-Ø15-Sp3	L=6000	44	Ø15	Ø9	48	3	10	150,00
10204012 001	287P-Ø15-Sp3	L=6000	44	Ø15	Ø9	48	3	54	810,00
10204018 001	287-Ø17-Sp3	L=6000	53	Ø17	Ø11	55	3	10	184,00
10204020 001	287-Ø17-Sp3	L=6000	53	Ø17	Ø11	55	3	54	994,00
10204013 001	287G-Ø19-Sp3	L=3000	58	Ø19	Ø13	55	3	10	90,00
10204007 001	287G-Ø19-Sp3	L=3000	58	Ø19	Ø13	55	3	54	490,00
10204014 001	287G-Ø19-Sp3	L=6000	58	Ø19	Ø13	55	3	10	180,00
10204008 001	287G-Ø19-Sp3	L=6000	58	Ø19	Ø13	55	3	54	975,00
10204015 001	287G-Ø19-Sp4	L=3000	55	Ø19	Ø11	55	4	10	110,00
10204009 001	287G-Ø19-Sp4	L=3000	55	Ø19	Ø11	55	4	54	600,00
10204016 001	287G-Ø19-Sp4	L=6000	55	Ø19	Ø11	55	4	10	220,00
10204010 001	287G-Ø19-Sp4	L=6000	55	Ø19	Ø11	55	4	54	1188,00

Finishing: Galvanized



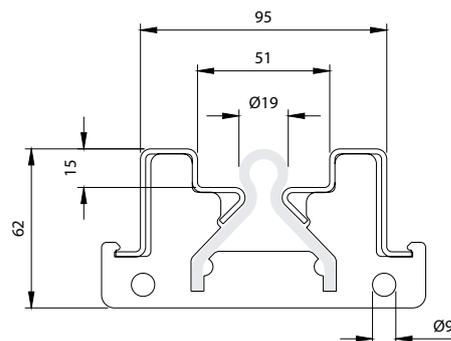
287 FP

Kit for art. 287G at floor level 4mm tick
 Kit pour art. 287G au niveau du sol épaisseur 4mm
 Satz für art. 287G auf dem Fußbodenniveau 4mm stark
 Kit para 287G esp.4 mm a ras del suelo
 Комплект для 287G толщ.4 мм на уровне пола



CODE	ART.	Size	Box info	
			Pcs per pack	Kg
10204201 001	287FP-G	L=3000	1	11,30
10204202 001	287FP-G	L=6000	1	22,50

Finishing: Galvanized



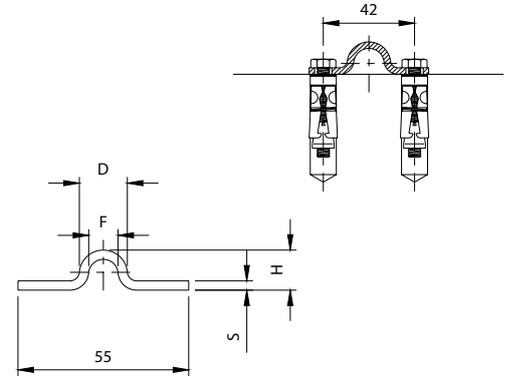
289

Track to be bolted "Rapido"
 Rail à visser "Rapido"
 Laufschiene zum Anschrauben "Rapido"
 Carril para fijar "Rápido"
 Рельсы прикрепляемые "Rapido"



CODE	ART.	SIZE	D	F	H	S	Box info	
							Pcs per pack	Kg
10201501 001	289P-Ø15-Sp3	L=3000	Ø15	Ø9,5	13	3	25	116,00
10201502 001	289P-Ø15-Sp3	L=6000	Ø15	Ø9,5	13	3	25	232,00
10201505 001	289G-Ø19-Sp3	L=3000	Ø19	Ø12	16	3	25	123,00
10201510 001	289G-Ø19-Sp3	L=6000	Ø19	Ø12	16	3	25	246,00

Finishing: Galvanized



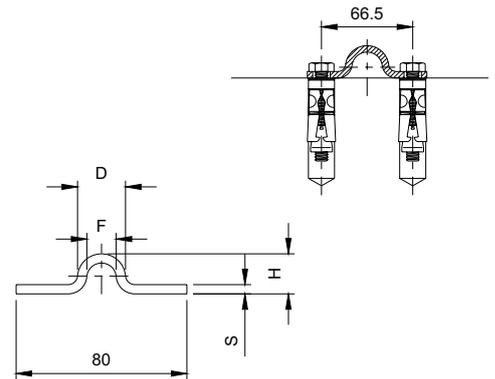
289LG

Track to be bolted "Rapido"
 Rail à visser "Rapido"
 Laufschiene zum Anschrauben "Rapido"
 Carril para fijar "Rápido"
 Рельсы прикрепляемые "Rapido"



CODE	ART.	SIZE	D	F	H	S	Box info	
							Pcs per pack	Kg
10201517 001	289LG-Ø19-Sp3	L=3000	Ø18	Ø13	16	3	25	66,78
10201518 001	289LG-Ø19-Sp3	L=6000	Ø18	Ø13	13	3	25	133,56

Finishing: Galvanized



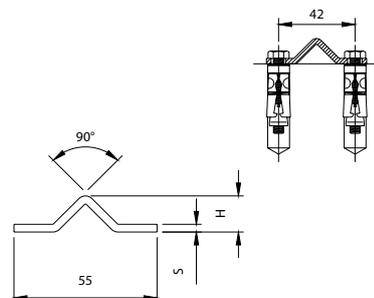
293

Track to be bolted "Diretto"
 Rail à visser "Diretto"
 Laufschiene zum Anschrauben "Diretto"
 Carril para fijar "Diretto"
 Рельсы прикрепляемые "Diretto"



CODE	ART.	Size	L	H	S	Box info	
						Pcs per pack	Kg
10201705 001	293	L=3000	3000	14	3	25	113,00
10201710 001	293	L=6000	6000	14	3	25	225,00

Finishing: Galvanized



Industrial Doors





Sliding Doors and Folding Doors accessories.

 **COMUNELLO** **GATE**

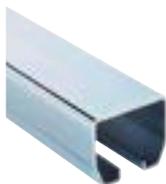


Industrial folding doors



Scan and discover more

Monorails and supports



ART.	PAG.
26	266
28	289
34	290
398	311
399	311
352	298
354-185	299
354-330	299
355	300
355S	301
356	301



Lever bolts



ART.	PAG.	ART.	PAG.
690MC	318	695G	322
693MC	321	695PM	323
694MC	321	695GM	323
696MC	324	680	315
698MC	325	682	316
691P	319	683	316
691G	319	684	316
692P	320	685	317
692G	320	686	317
693 MC	321	687	317
695P	322		



Trolleys and pins



ART.	PAG.
8	284
8C	284
10	284
10C	285
14C	285
16C	285
20C	266
375P	306
375G	307
376P	307
377	307
377R	308
377G-SC	308
395 DX-SX	309
396	310

Accessories



ART.	PAG.
249-30	296
387	308
239	295
246	295

Strikes and stops



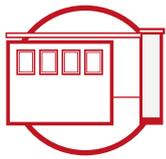
ART.	PAG.
358	301
379	305
361	302
362	302
363	302
364	303
366	304
367	303
378	305

Hinges and accessories

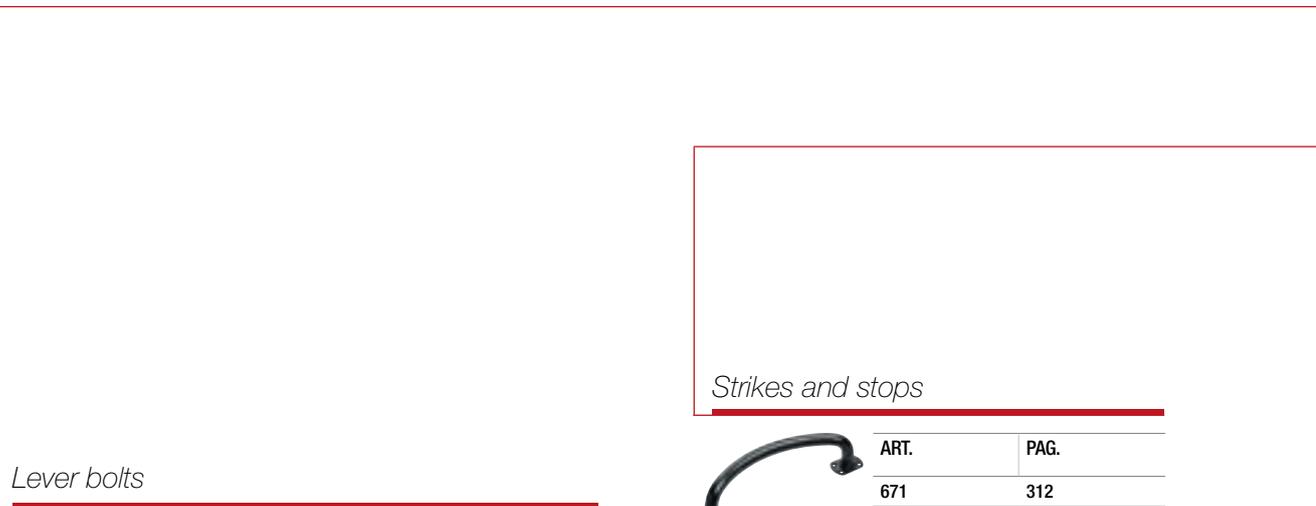


ART.	PAG.
A370P	326
A371P	326
A380P	327
A381P	328
A380G	326
A380R	327
A381G	327
A384P	328
A385P	328
P365	329
P365R	329
P368I	329

ART.	PAG.
P368S	330
P368M	330
P370	330
P371	331
P380	331
P381	331
P385	332
R383-13.5	332
R383-33	332
R378	333
400	333



Industrial sliding doors



Lever bolts



ART.	PAG.	ART.	PAG.
690MC	318	695G	322
693MC	321	695PM	323
694MC	321	695GM	323
696MC	324	680	315
698MC	325	682	316
691P	319	683	316
691G	319	684	316
692P	320	685	317
692G	320	686	317
693 MC	321	687	317
695P	322		

Strikes and stops



ART.	PAG.
671	312
672	312
674	313
675	313
677	313
678	314
679	314
679i	314
270	296
270i	297
272	297



Monorails and accessories



ART.	PAG.
22	287
23	288
24	286
30	289
32	289
36	290
398G	311
399P	311
352	298
354-185	299
354-330	299
355	300
355S	301
356	301
246	295
200G	76
202G	77
202F-A	77

Trolleys



ART.	PAG.	ART.	PAG.
2	282	48	293
2C	282	50	293
4	282	52	294
4C	283	54	294
38	290	56	294
39	291	60	295
40	291	248	296
41	291	375G	307
43	292	375P	306
44	292	376P	307
46	293	377G-SC	308

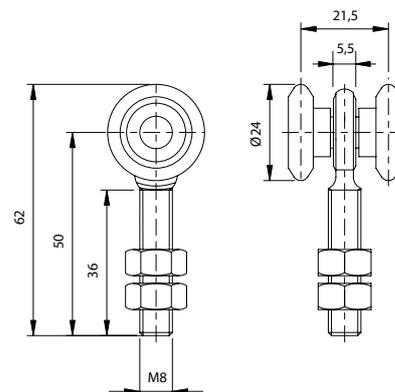
2

Trolley with 2 wheels
 Chariot à 2 galets
 Zweirädriger Rollenapparat
 Carro con 2 ruedas
 Тележка с 2 колесами



CODE	ART.	Size	Portata Capacity	Box info	
				Pcs per pack	Kg
10100505 001	2P	Piccolo Ø 24	30 kg	16	1,2

Finishing: Galvanized



2C

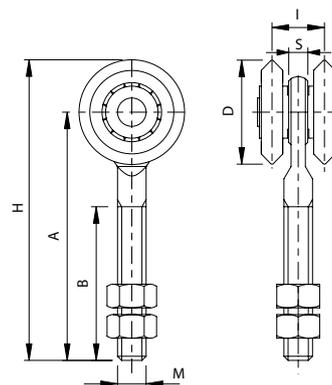
Trolley with two wheels and bearing
 Chariot à 2 galets avec roulement
 Zweirädriger Rollenapparat mit Kugellage
 Carro con 2 ruedas con rodamiento
 Тележка с 2 колесами с подшипником

2 BEARINGS



CODE	ART.	Size	A	B	D	I	H	M	S	Portata ruota Capacity wheel	Box info	
											Pcs per pack	Kg
10100610 001	2C-M	Medio Ø44	105	65	Ø44	22	127	M12	8	250	16	5,00
10100615 001	2C-G	Grande Ø54	122	80	Ø54	30	149	M20	10	350	16	10,80

Finishing: Galvanized



2C NY

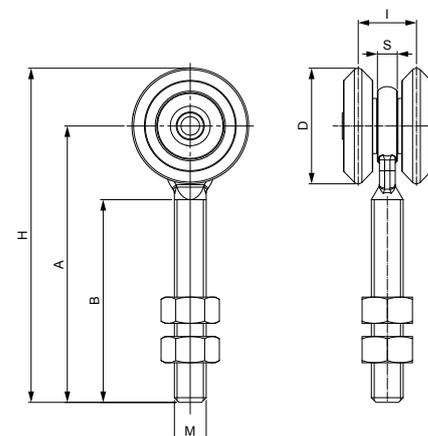
Trolley with two nylon wheels and bearing
 Chariot à 2 galets en nylon avec roulement
 Zweirädriger Nylon Rollenapparat mit Kugellage
 Carro con 2 ruedasde nylon con rodamiento
 Тележка с 2 колесами из нейлона с подшипником

2 BEARINGS



CODE	ART.	Size	A	B	D	I	H	M	S	Portata ruota Capacity wheel	Box info	
											Pcs per pack	Kg
19918600 001	2C-M NY	Medio Ø44	105	75	Ø44	22	127	M12	8	250	16	4,50

Finishing: Galvanized



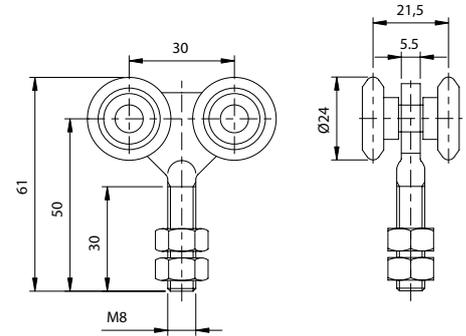
4

Trolley with four wheels
 Chariot à 4 galets
 Vierradriger Rollenapparat
 Carro con 4 ruedas
 Тележка с 4 колесами



CODE	ART.	Size	Portata ruota Capacity wheel	Box info	
				Pcs per pack	Kg
10101005 001	4	Piccolo Ø 24	50 kg	16	2,1

Finishing: Galvanized



4C

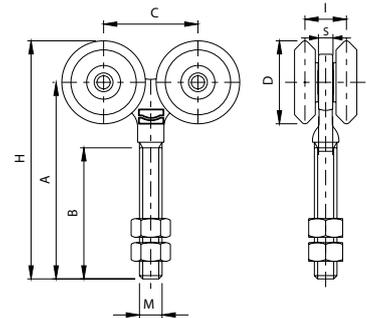
PATENTED

Trolley with four wheels and bearing
 Chariot à 4 galets avec roulement
 Vierradriger Rollenapparat mit Kugellager
 Carro con 4 ruedas con rodamiento
 Тележка с 4 колесами с подшипником



CODE	ART.	Size	A	B	C	D	H	I	M	S	Portata ruota Capacity wheel	Box info	
												Pcs per pack	Kg
10101110 001	4C-M	Medio Ø44	105	70	50	Ø44	127	22	M12	7	280	16	9,30
10101115 001	4C-G	Grande Ø54	125	80	60	Ø54	152	30	M20	10	400	16	19,60

Finishing: Galvanized



4C NY

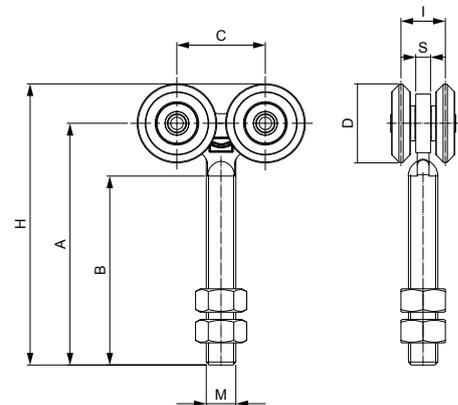
PATENTED

rolley with 4 nylon wheels and bearing
 Chariot à 4 galets en nylon avec roulement
 Vierdriger Nylon Rollenapparat mit Kugellage
 Carro con 4 ruedasde nylon con rodamiento
 Тележка с 4 колесами из нейлона с подшипником



CODE	ART.	Size	A	B	C	D	H	I	M	S	Portata ruota Capacity wheel	Box info	
												Pcs per pack	Kg
10101110 001	4C-M NY	Medio Ø44	109	75	50	Ø44	131	22	M12	7	280	16	7,20

Finishing: Galvanized



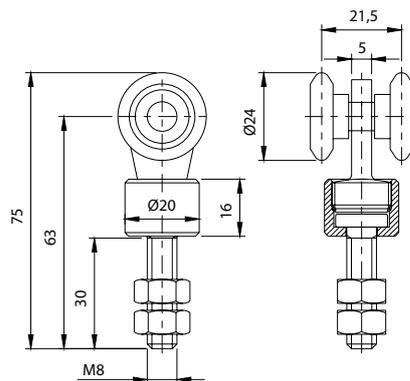
8

Turning trolley with two wheels
 Chariot à 2 galets pivotant
 Zweiradriger Schwenkrollenapparat
 Carro con 2 ruedas giratorias
 Тележка с 2 поворотными колесами



CODE	ART.	Size	Portata Capacity	Box info	
				Pcs per pack	Kg
10102005 001	8-P	Piccolo Ø 24	30 kg	16	1,8

Finishing: Galvanized



8C

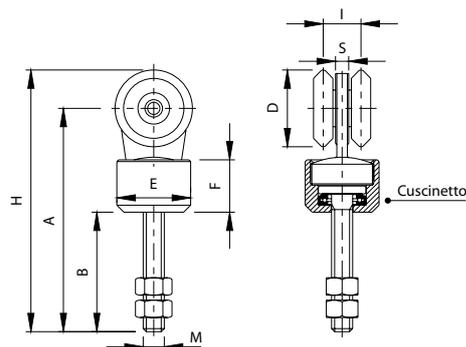
PATENTED

Turning trolley with two wheels and bearings
 Chariot à 2 galets pivotant avec roulements
 Zweiradriger Schwenkrollenapparat mit Kugellagern
 Carro con 2 ruedas giratorias con rodamientos
 Тележка с 2 поворотными колесами с подшипниками



CODE	ART.	Size	A	B	D	E	F	H	I	M	S	Portata ruota Capacity wheel	Box info	
													Pcs per pack	Kg
10102110 001	8C-M	Medio Ø44	128	68,5	Ø44	Ø42	30	150	22	M12	7,5	250	16	10,70
10102115 001	8C-G	Grande Ø54	154,5	80,5	Ø54	Ø50	32	181,5	30	M18	10	350	16	19,90

Finishing: Galvanized



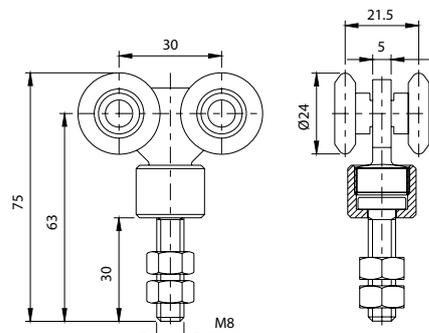
10

Turning trolley with four wheels
 Chariot à 4 galets pivotant
 Vierradriger Schwenkrollenapparat
 Carro con 4 ruedas giratorias
 Тележка с 4 поворотными колесами



CODE	ART.	Size	Portata Capacity	Box info	
				Pcs per pack	Kg
10102505 001	10-P	Piccolo Ø 24	50 kg	16	2,7

Finishing: Galvanized



10C

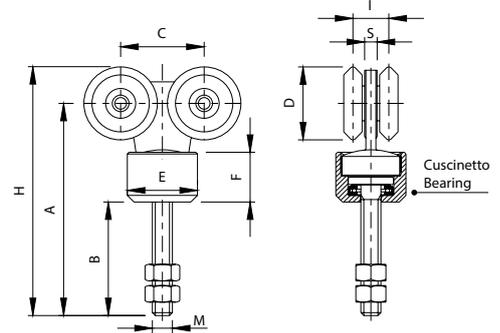
PATENTED

Turning trolley with four wheels and bearings
 Chariot à 4 galets pivotant avec roulements
 Vierradriger Schwenkrollenapparat mit Kugellagern
 Carro con 4 ruedas giratorias con rodamientos
 Тележка с 4 поворотными колесами с подшипниками



CODE	ART.	Size	A	B	C	D	E	F	H	I	M	S	Box info		
													Portata ruota Capacity wheel	Pcs per pack	Kg
10102610 001	10C-M	Medio Ø44	128	68,5	50	Ø44	Ø42	30	150	22	M12	7,5	280	16	15,00
10102615 001	10C-G	Grande Ø54	154,5	80,5	60	Ø54	Ø50	32	181,5	30	M18	10	350	16	27,00

Finishing: Galvanized



16C

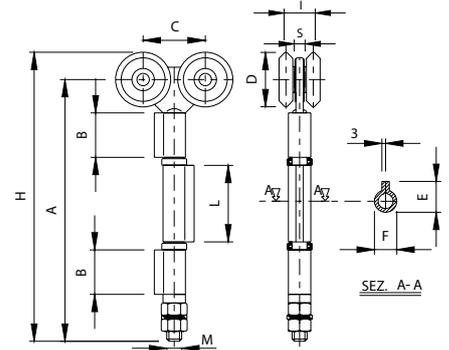
PATENTED

Trolley with four wheels, bearings and 3 wings hinge
 Chariot avec 4 galets, roulements et paumelle à 3 ailes
 Vierradriger Rollenapparat mit Kugellager und 3-Lasche-Torband
 Carro con 4 ruedas con rodamientos y perno de 3 palas
 Тележка с 4 колесами с подшипниками и шарниром с 3 полками



CODE	ART.	Size	A	B	C	D	E	F	H	I	L	M	S	Box info		
														Portata ruota Capacity wheel	Pcs per pack	Kg
10103610 001	16C-M	Medio Ø44	212	36	50	Ø44	25	Ø17,6	234	22	58	M12	7,5	280	16	14,30
10103615 001	16C-G	Grande Ø54	226	36	60	Ø54	27	Ø19,6	253	30	52	M12	10,0	300	16	23,00

Finishing: Galvanized



20C

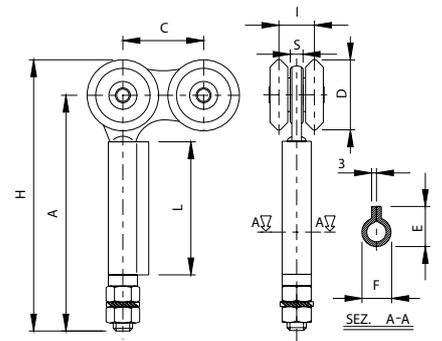
PATENTED

Trolley with four wheels, bearings and one wing hinge
 Chariot avec 4 galets, roulements et paumelle à 1 aile
 Vierradriger Rollenapparat mit Kugellager und 1 Lasche-Torband
 Carro con 4 ruedas con rodamientos y perno de 1 pala
 Тележка с 4 колесами с подшипниками и шарниром с 1 полкой



CODE	ART.	Size	A	C	D	E	F	H	I	L	M	S	Box info		
													Portata ruota Capacity wheel	Pcs per pack	Kg
10104610 001	20C-M	Medio Ø44	147	50	Ø44	25	Ø17,6	169	22	83	M12	7,5	280	16	12,40
10104615 001	20C-G	Grande Ø54	199,5	60	Ø54	27	Ø19,6	226,5	30	98	M12	10	300	16	23,50

Finishing: Galvanized



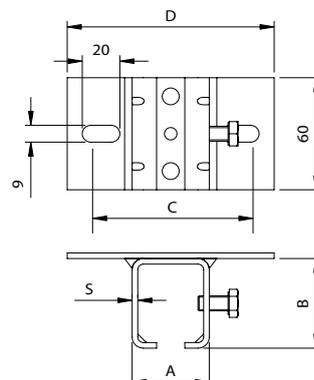
22

Ceiling support for track art.24
 Support au plafond pour rail art.24
 Decke-Lager für Stahlprofil Artikel 24
 Soporte de techo para monorriel art. 24
 Потолочная опора для монорельса art.24



CODE	ART.	Size	A	B	C	D	S	Box info	
								Pcs per pack	Kg
10605005 001	22-P	Piccolo	41	48	54	110	3	10	3,50
10605000 001	22-M	Medio	52	73	64	120	4	10	4,60
10605010 001	22-G	Grande	66	88	74	130	4	6	3,90

Finishing: Galvanized



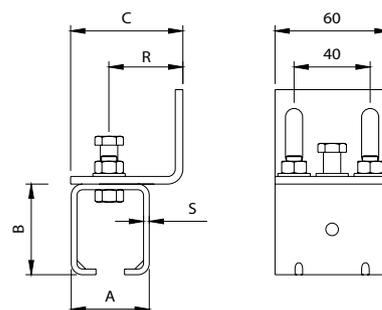
23

Wall support for track art.24
 Support au mur pour rail art.24
 Wand-Lager für Stahlprofil Artikel 24
 Soporte de pared para monorriel art. 24
 Настенная опора для монорельса art.24



CODE	ART.	Size	A	B	C	R	S	Box info	
								Pcs per pack	Kg
10605505 001	23-P	Piccolo	41	48	59	21-41	3	10	3,70
10605500 001	23-M	Medio	52	73	69	25-45	4	10	4,00
10605510 001	23-G	Grande	66	88	79	35-52	4	6	4,10

Finishing: Galvanized



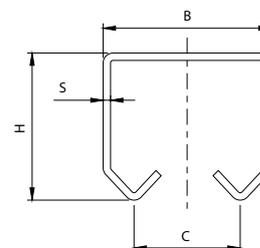
24

Track for trolleys small-medium-large
 Rail pour chariots petit-moyen-grand
 Stahlprofil für Rollenaufhängung klein, medium, groß
 Monorriel para carro pequeño mediano grande
 Монорельс для больших средних и малых тележек



CODE	ART.	Size	B	C	H	L	S	Box info	
								Pcs per pack	Kg
10200505 001	24-P	Piccolo L=6000	34	21,5	30	6000	1,5	1	10,00
10200510 001	24-M	Medio L=6000	43	22	53	6000	2,5	1	19,00
10200515 001	24-G	Grande L=6000	57	30	68	6000	3	1	30,00

Finishing: Galvanized



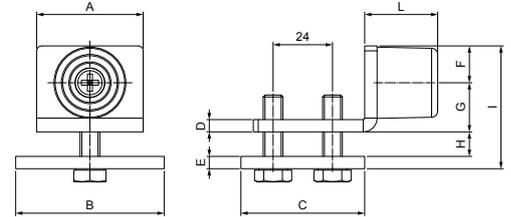
25

Runaway stop for Track 24
 Boutoir de fin de course pour rail 24
 Torendpuffer für Rollenaufhängung 24
 Tope de final de carrera para monocarril art. 24
 Стопор конца хода для монорельса арт.24



CODE	ART.	Size	A	B	C	D	E	F	G	Box info	
										Pcs per pack	Kg
10704805 001	25-P/M	Piccolo/Medio	30	30	45	13	4	25 - 45	0 - 20	12	1,6
10704810 001	25-G	Grande	43	60	50	24,5	5	40 - 60	0 - 20	12	3,48

Finishing: Galvanized



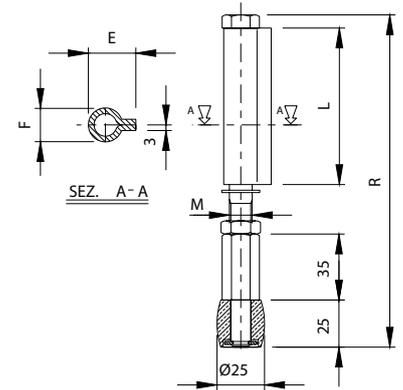
26

Bottom pivot with 1 wing hinge and brass roller
 Pivote inférieur avec paumelle à 1 aile et rouleau en laiton
 Unteres Führungsband mit 1-Lasche und Führungrolle aus Messing
 Perno inferior con perno de 1 pala rodillo de latón
 Нижний штырь с шарниром с 1 полкой латунный наконечник



CODE	ART.	Size	E	F	L	M	R	Box info	
								Pcs per pack	Kg
10300505 001	26-M	Medio	25	Ø17,6	83	M12	165 - 180	16	5,70
10300510 001	26-G	Grande	27	Ø19,6	98	M14	185 - 200	16	7,60

Finishing: Galvanized



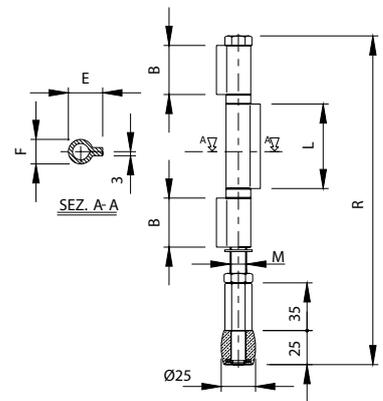
28

Bottom pivot with 3 wings hinge and brass roller
 Pivote inférieur avec paumelle à 3 ailes et rouleau en laiton
 Unteres Führungsrolle mit 3-Lasche und Führungrolle aus Messing
 Perno inferior con perno de 3 palas rodillo de latón
 Нижний штырь с шарниром с 3 полками латунный наконечник



CODE	ART.	Size	B	E	F	L	M	R	Box info	
									Pcs per pack	Kg
10301005 001	28-M	Medio	36	25	Ø17,6	58	M12	225 - 235	16	7,80
10301010 001	28-G	Grande	36	27	Ø19,6	52	M14	227 - 242	16	9,00

Finishing: Galvanized



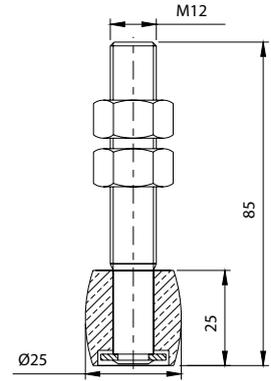
30

Threaded pivot with brass roller
 Pivot taraudé avec rouleau en laiton
 Bolzen mit Gewinde und Führungsrolle aus Messing
 Perno roscado rodillo de latón
 Резьбовой штырь латунный наконечник



CODE	ART.	Size	Box info	
			Pcs per pack	Kg
10301505 001	30-25	Ø 25	20	3,00

Finishing: Galvanized



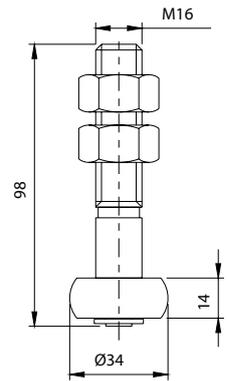
32

Steel switcher with roller
 Déviateur en acier avec rouleau
 Ablenker mit Stahlführungsrolle
 Desviador rodillo de acero
 Отводящее устройство для ролика из стали



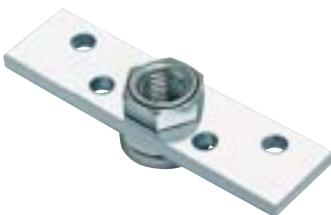
CODE	ART.	Size	Box info	
			Pcs per pack	Kg
10400505 001	32-34	Ø 34	20	5,20

Finishing: Galvanized



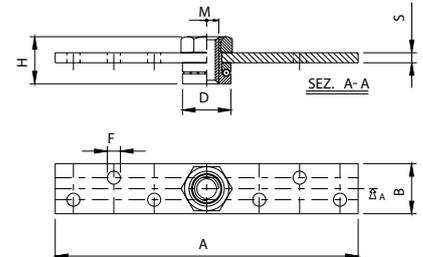
34

Turning plate with bearing for trolleys
 Platine pivotante avec roulement pour chariots
 Schwenkplatte mit Kugellager für Rollenapparate
 Placa giratoria con rodamiento para carros
 Поворотная пластина с подшипником для тележек



CODE	ART.	Size	A	B	D	F	H	M	S	Box info		
										Pcs per pack	Kg	
10500505 001	34-12	Medio	150	25	Ø24	Ø6,5	23,5	M12	5	22	20	3,60
10500510 001	34-20	Grande	150	40	Ø40	Ø10,5	31	M20	8	32	20	9,60

Finishing: Galvanized



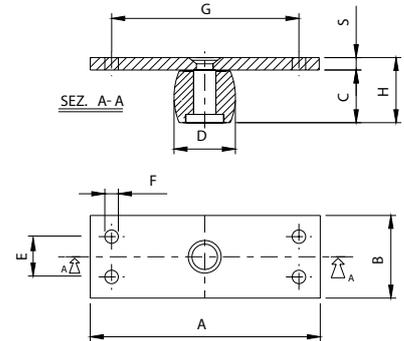
36

Bottom guide with brass roller
 Guide inférieure avec rouleau en laiton
 Untere Führungsplatte mit Messing-Führungsrolle
 Guía inferior rodillo de latón
 Нижняя направляющая латунный наконечник



CODE	ART.	Size	A	B	C	D	E	F	G	H	S	Box info	
												Pcs per pack	Kg
10302005 001	36 - 25	Ø25	110	40	25	Ø25	19,5	Ø10,5	90	31	6	20	5,70
10302010 001	36 - 30	Ø30	110	40	25	Ø30	19,5	Ø10,5	90	31	6	20	6,50

Finishing: Galvanized



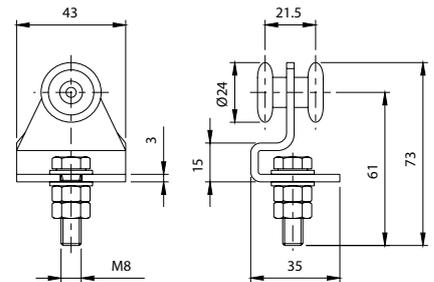
38

Trolley with 2 wheels
 Chariot avec 2 galets
 Zweirädriger Rollenapparat
 Carro con 2 ruedas
 Тележка с 2 колесами



CODE	ART.	Size	Portata Capacity	Box info	
				Pcs per pack	Kg
10105505 001	38-24	Ø 24	30 kg	50	7,00

Finishing: Galvanized



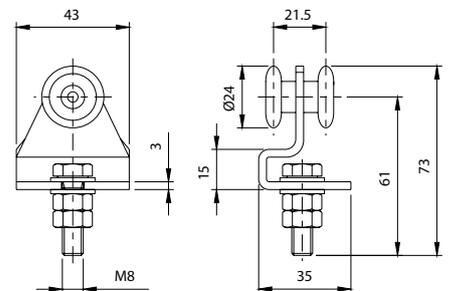
39

Trolley with 2 nylon wheels
 Chariot avec 2 galets en nylon
 Rollenapparat mit 2-Nylon-Rollen
 Carro con 2 ruedas de nylon
 Тележка с 2 колесами из нейлона



CODE	ART.	Size	Portata Capacity	Box info	
				Pcs per pack	Kg
10106005 001	39-24	Ø 24	30 kg	50	6,2

Finishing: Galvanized



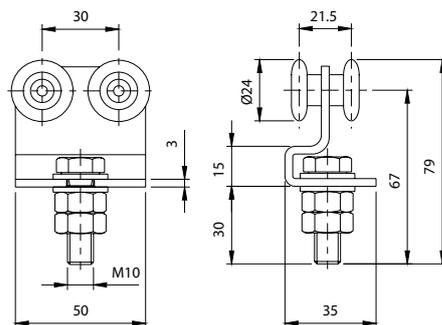
40

Trolley with 4 wheels
 Chariot avec 4 galets
 Vierrädriger Rollenapparat
 Carro con 4 ruedas
 Тележка с 4 колесами



CODE	ART.	Size	Portata Capacity	Box info	
				Pcs per pack	Kg
10106505 001	40-24	Ø 24	50 kg	50	11,9

Finishing: Galvanized



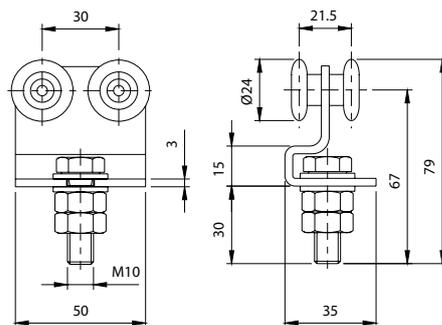
41

Trolley with 4 nylon wheels
 Chariot avec 4 galets en nylon
 Vierrädriger Rollenapparat mit Nylon-Rollen
 Carro con 4 ruedas de nylon
 Тележка с 4 колесами из нейлона



CODE	ART.	Size	Portata Capacity	Box info	
				Pcs per pack	Kg
10107005 001	41-24	Ø 24	50 kg	50	10,2

Finishing: Galvanized



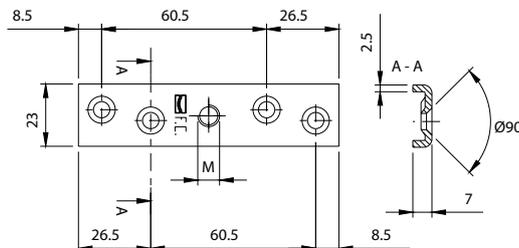
42

Plate for trolleys
 Plaquette pour chariots
 Platte für Rollenapparat
 Placa para carros
 Пластина для тележек



CODE	ART.	Size	M	Box info	
				Pcs per pack	Kg
10501005 001	42P	Piccolo	M8	50	2,50
10501010 001	42G	Grande	M10	50	2,50

Finishing: Galvanized



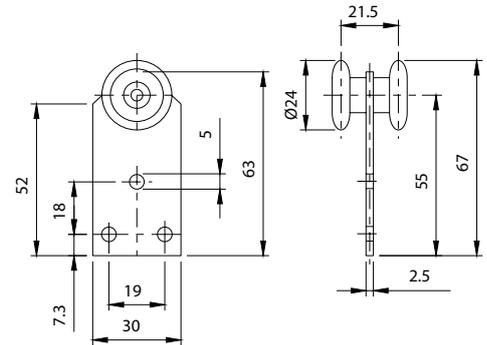
43

2 Wheels trolley with bracket
 Chariot à 2 galets avec bride
 Zweirädriger Rollenapparat mit Befestigungsbügel
 Carro con 2 ruedas con placa
 Тележка с 2 колесами с кронштейном



CODE	ART.	Size	Portata Capacity	Box info	
				Pcs per pack	Kg
10107505 001	43-24	Ø 24	30 kg	100	7,5

Finishing: Galvanized



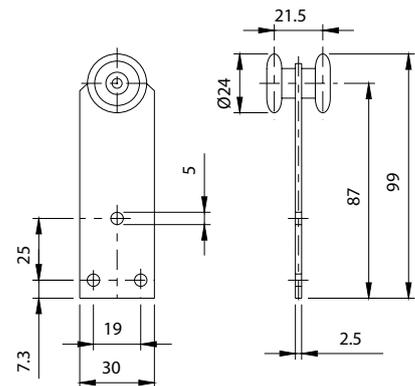
44

2 Wheel trolley with long bracket
 Chariot à 2 galets avec bride longue
 Zweirädriger Rollenapparat mit langem Befestigungsbügel
 Carro con 2 ruedas con placa larga
 Тележка с 2 колесами с длинным кронштейном



CODE	ART.	Size	Portata Capacity	Box info	
				Pcs per pack	Kg
10108005 001	44-24	Ø 24	30 kg	100	9,4

Finishing: Galvanized



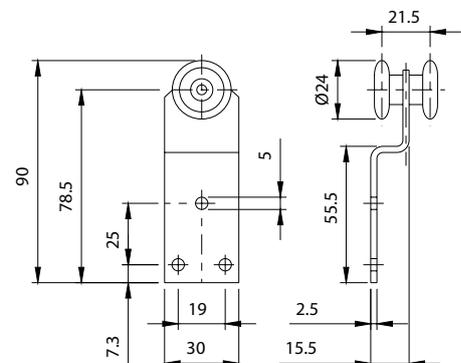
46

Trolley with 2 wheels and long bended bracket
 Chariot à 2 galets avec bride longue et courbée
 Zweirädriger Rollenapparat mit langem gekrüpitem Befestigungsbügel
 Carro con 2 ruedas con placa larga curvada
 Тележка с 2 колесами с длинным выгнутым кронштейном



CODE	ART.	Size	Portata Capacity	Box info	
				Pcs per pack	Kg
10108505 001	46-24	Ø 24	30 kg	100	9,4

Finishing: Galvanized



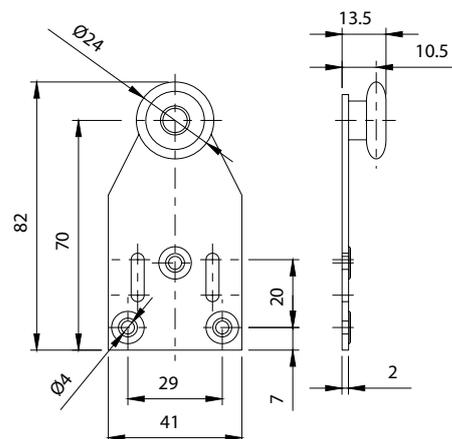
48

Trolley with 1 wheel and bracket
 Chariot à 1 galet avec bride
 Einrädiger Rollenapparat mit Befestigungsbügel
 Carro con 1 rueda con placa
 Тележка с 1 колесом с кронштейном



CODE	ART.	Size	Portata Capacity	Box info	
				Pcs per pack	Kg
10109005 001	48-24	Ø 24	15 kg	100	6,20

Finishing: Galvanized



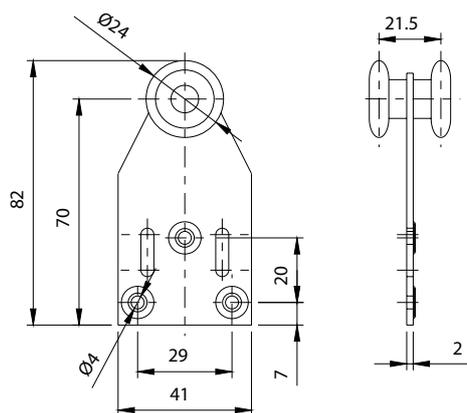
50

Trolley with 2 wheels and bracket
 Chariot à 2 galets avec bride
 Zweirädiger Rollenapparat mit Befestigungsbügel
 Carro con 2 ruedas con placa
 Тележка с 2 колесами с кронштейном



CODE	ART.	Size	Portata Capacity	Box info	
				Pcs per pack	Kg
10109505 001	50-24	Ø 24	30 kg	100	8,40

Finishing: Galvanized



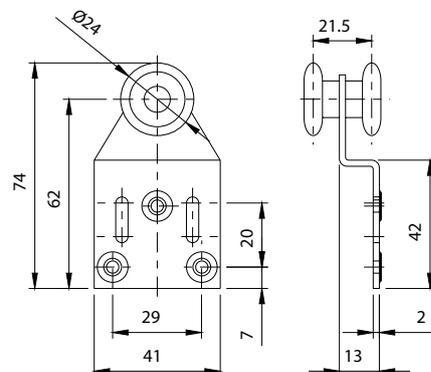
52

Trolley with 2 wheels and bended bracket
 Chariot à 2 galets avec bride courbée
 Zweirädiger Rollenapparat mit gekröpftem Befestigungsbügel
 Carro con 2 ruedas con placa curvada
 Тележка с 2 колесами с выгнутым кронштейном



CODE	ART.	Size	Portata Capacity	Box info	
				Pcs per pack	Kg
10110005 001	52-24	Ø 24	30 kg	100	8,20

Finishing: Galvanized



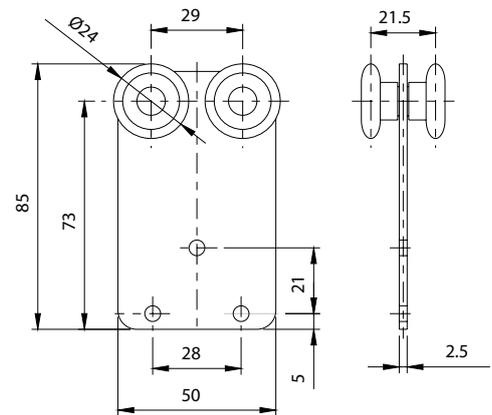
54

Trolley with 4 wheels and large bracket
 Chariot à 4 galets avec bride large
 Vierradriger Rollenapparat mit breitem Befestigungsbügel
 Carro con 4 ruedas con placa ancha
 Тележка с 4 колесами с широким кронштейном



CODE	ART.	Size	Portata Capacity	Box info	
				Pcs per pack	Kg
10110505 001	54-24	Ø 24	50 kg	100	16,00

Finishing: Galvanized



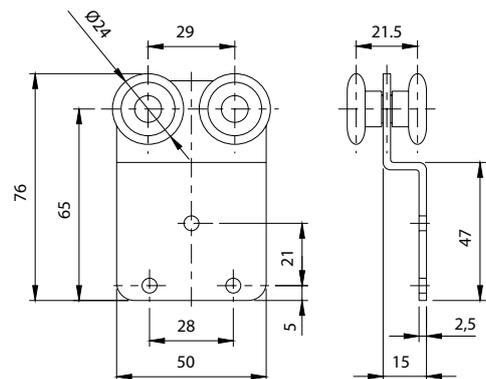
56

Trolley with 4 wheels and large bended bracket
 Chariot à 4 galets avec bride large courbée
 Vierradriger Rollenapparat mit gekröpftem breitem Befestigungsbügel
 Carro con 4 ruedas con placa ancha curvada
 Тележка с 4 колесами с широким выгнутым кронштейном



CODE	ART.	Size	Portata Capacity	Box info	
				Pcs per pack	Kg
10111005 001	56-24	Ø 24	50 kg	100	16,10

Finishing: Galvanized



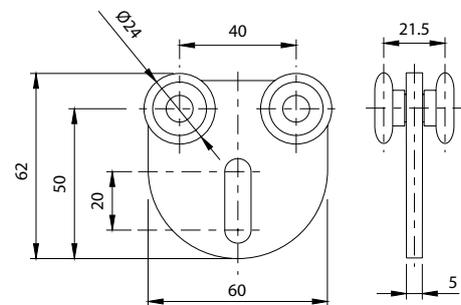
60

Trolley with 4 wheels and hook holder bracket
 Chariot à 4 galets avec bride porte-crochet
 Vierradriger Rollenapparat mit Einhängelbohrung
 Carro con 4 ruedas con placa para gancho
 Тележка с 4 колесами с кронштейном с крюком



CODE	ART.	Size	Portata Capacity	Box info	
				Pcs per pack	Kg
10111505 001	60-24	Ø 24	50 kg	50	9,60

Finishing: Galvanized

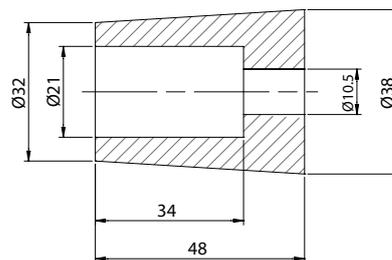


239

Door leaf stopper
 Embout d'amortissage vantaux
 Stossdämpfer für Türe
 Amortiguador hojas
 Амортизирующая пробка створки



CODE	ART.	Box info	
		Pcs per pack	Kg
10700405	239	10	0,60



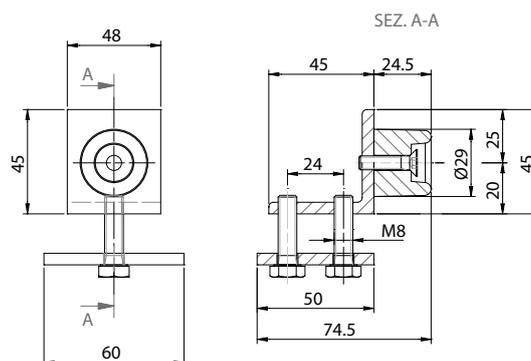
246

End-stopper for guides art. 398/399
 Butee de fin de course pour rails art. 398/399
 Letzter Türflügel für Laufschielen art. 398/399
 Tope para monorriel art. 398/399
 Стопор конца хода для монорельсов art. 398/399



CODE	ART.	Size	Portata Capacity	Box info	
				Pcs per pack	Kg
10701705 001	246	Piccolo Ø 24	30 kg	4	1,3

Finishing: Galvanized



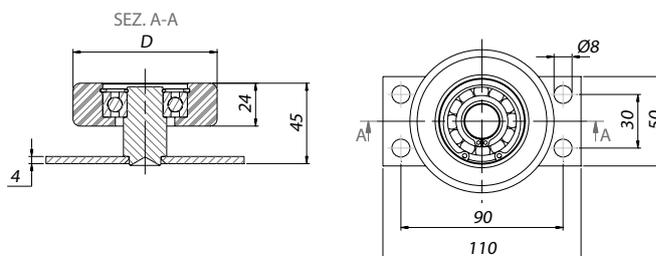
248

Guide for sliding doors
 Guide pour portails coulissants
 Führung für Schiebetüren
 Guía para portones de corredera
 Направляющая для раздвижных дверей



CODE	ART.	Size	Box info	
			Pcs per pack	Kg
11307500 001	248-60	Ø60	4	2,20
11307501 001	248-70	Ø70	4	1,80
11307505 001	248-80	Ø80	4	2,10

Finishing: Galvanized



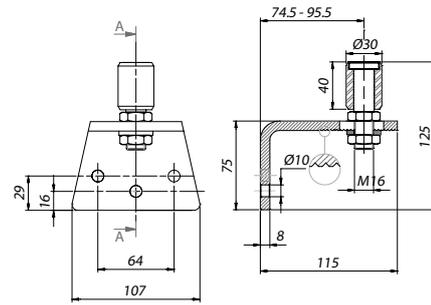
249-30

Adjustable switcher for side folding
 Deviateur réglable pour portail pliable lateral
 Regulierbarer Ablenker für seitliche Paket-Lagerung
 Desviador regulable para puerta plegable
 Регулируемое отклоняющее устройство
 для боковой заворотки



CODE	ART.	Box info	
		Pcs per pack	Kg
10401505 001	249-30	4	3,80

Finishing: Galvanized



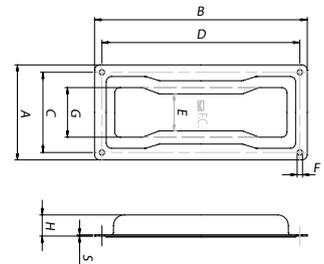
270

Flush-mounted handle
 Poignée à encaisser
 Muschelgriff
 Tirador encastrar
 Встраиваемая ручка



CODE	ART.	Size	A	B	C	D	E	F	G	H	S	Box info	
												Pcs per pack	Kg
10902005 001	270P	Piccolo	52	115	42	105	20	Ø3	27	20	1	30	2,50
10902010 001	270G	Grande	90	200	76	186	35	Ø5	47	20	1,2	30	7,30

Finishing: Galvanized



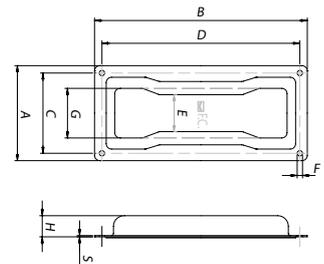
270i

Flush-mounted handle
 Poignée à encaisser
 Muschelgriff
 Tirador encastrar
 Встраиваемая ручка



CODE	ART.	A	B	C	D	E	F	G	H	S	Box info	
											Pcs per pack	Kg
10902505	270i-P	52	115	42	105	20	Ø3	27	20	1	4	1,6
10902510	270i-G	90	200	76	186	35	Ø5	47	20	1,2	4	1,10

Finishing: Stainless steel



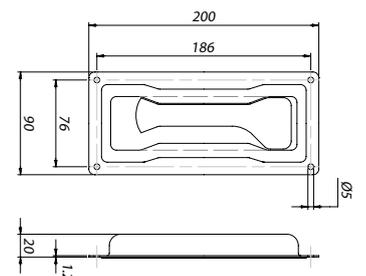
272

Flush-mounted handle with lever
 Poignée à encaisser avec levier
 Muschelgriff mit Triebriegel
 Tirador encastrar con manilla
 Встраиваемая ручка с рычагом



CODE	ART.	A	B	C	D	F	H	S	Box info	
									Pcs per pack	Kg
10903005 001	272	90	200	76	186	Ø5	20	1,20	30	11,40

Finishing: Galvanized



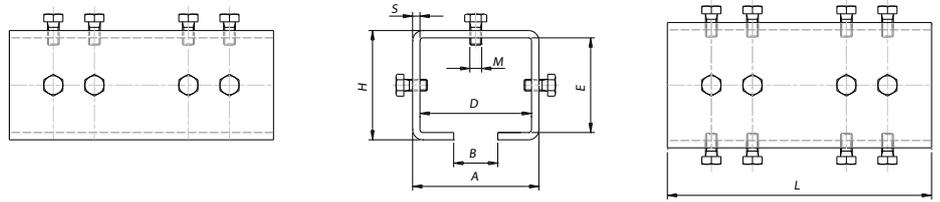
352

Guide connection
Junction rail
Verbindungsstück Laufschiene
Empalme monocarril
Соединение монорельса



CODE	ART.	A	B	D	E	H	L	M	S	Box info	
										Pcs per pack	Kg
10602505 001	352P	86	30	76	65	75	180	M8	5	4	8,0
10602510 001	352G	113	40	103	91	101	200	M8	5	4	12,0

Finishing: Galvanized



354-185

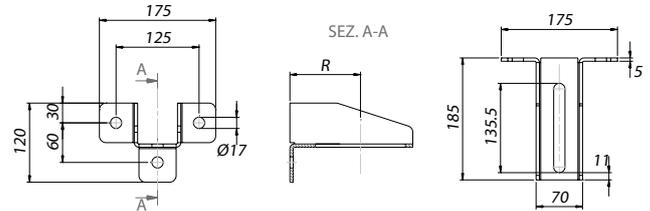
Adjustable wall rod 185 mm.
Support réglable au mur mm. 185
Regulierbarer Wandbügel 185 mm.
Placa regulable de pared 185 mm
Регулируемый настенный кронштейн мм 185



CODE	ART.	Size	R	Portata Capacity	Box info	
					Pcs per pack	Kg
10603006 001	354-185	Piccolo	47-165	250 kg	2	3,0

Finishing: Galvanized

Recommended maximum distance considering a load of $R = 310$ applied on the end part: 700 mm
Distance maximale recommandée considérant une charge de $R = 310$ appliquée sur la partie finale: 700 mm
Maximal empfohlene Entfernung bei einer am Endteil angebrachten Ladung von $R=310$ beträgt 700mm
Distancia máxima recomendada considerando una carga de $R = 310$ aplicada en la parte final: 700 mm
Максимальное рекомендуемое расстояние, с учетом нагрузки $R = 310$, прилагаемой к концевой части: 700 мм



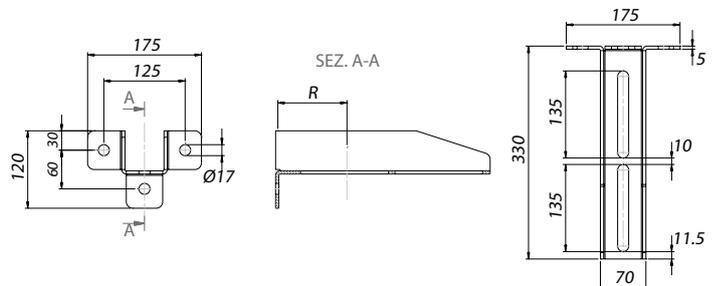
354-330

Adjustable wall rod 330 mm.
Support réglable au mur mm. 330
Regulierbarer Wandbügel 330 mm
Placa regulable de pared 330 mm
Регулируемый настенный кронштейн мм 330



CODE	ART.	Size	R	Portata Capacity	Box info	
					Pcs per pack	Kg
10603011 001	354-330	Grande	47-310	150 kg	2	4,80

Finishing: Galvanized



Recommended maximum distance considering a load of $R = 310$ applied on the end part: 700 mm
Distance maximale recommandée considérant une charge de $R = 310$ appliquée sur la partie finale: 700 mm
Maximal empfohlene Entfernung bei einer am Endteil angebrachten Ladung von $R=310$ beträgt 700mm
Distancia máxima recomendada considerando una carga de $R = 310$ aplicada en la parte final: 700 mm
Максимальное рекомендуемое расстояние, с учетом нагрузки $R = 310$, прилагаемой к концевой части: 700 мм

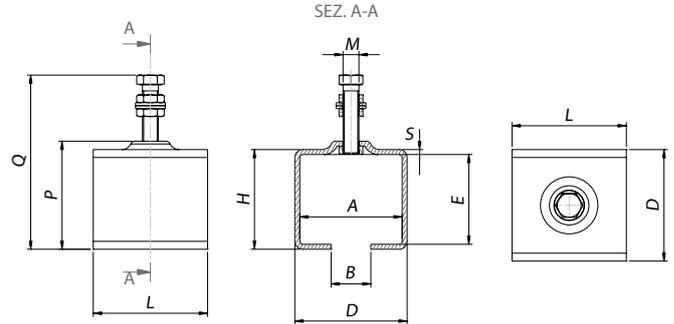
355

Adjustable guide support
Support guide réglable
Regulierbarer Ablenker führung
Soporte guía regulable
Опора регулируемой направляющей



CODE	ART.	Size	A	B	D	E	H	L	M	P	Q	S	Portata Capacity	Box info	
														Pcs per pack	Kg
10603007 001	355 P	Piccolo	76	30	86	65	75	100	M16	83,5	150,5	5	150 kg	2	2,6
10603012 001	355 G	Grande	103	40	113	94	101	100	M16	109,5	176,5	5	200 kg	2	3,3

Finishing: Galvanized



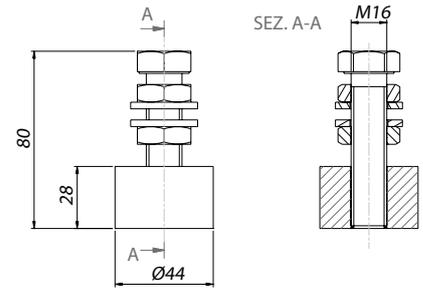
355 S

Adjustable switcher to be welded
Deviateur réglable à souder
Regulierbarer Ablenker zum Schweißen
Soporte regulable para soldar
Привариваемая регулируемая опора



CODE	ART.	Portata Capacity	Box info	
			Pcs per pack	Kg
10603013 001	355 S	200 kg	4	2,1

Finishing: Galvanized



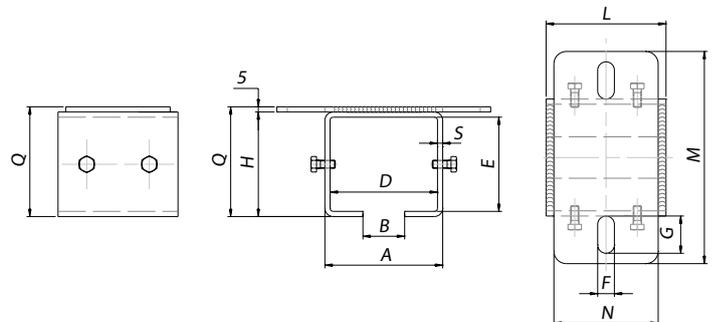
356

Adjustable switcher
Deviateur réglable au mur
Regulierbarer Ablenker
Soporte de techo
Потолочная опора



CODE	ART.	Size	A	B	D	E	F	G	H	L	M	N	Q	S	Portata Capacity	Box info	
																Pcs per pack	Kg
10604005 001	356 P	Piccolo	86	30	76	65	16	36	75	115	205	100	80	5	150 kg	2	4,1
10604010 001	356 G	Grande	113	40	103	94	16	36	101	115	205	100	106	5	200 kg	2	5,0

Finishing: Galvanized



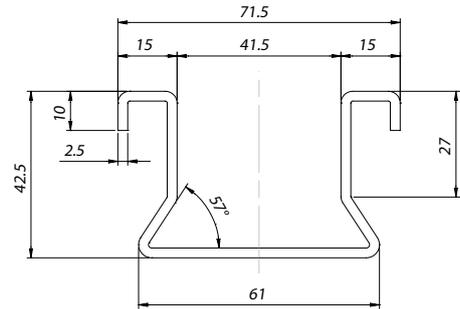
358

Lower guide to be cemented, length 6 meters
 Guide inferieure à sceller de m. 6,00
 Untere Schiene zum Einzementieren, Länge 6 m
 Guía inferior para cementar de 6,00 m
 Нижняя цементируемая направляющая м 6,00



CODE	ART.	Size	Box info	
			Pcs per pack	Kg
10202010 001	358	L=6000	1	21,3

Finishing: Galvanized



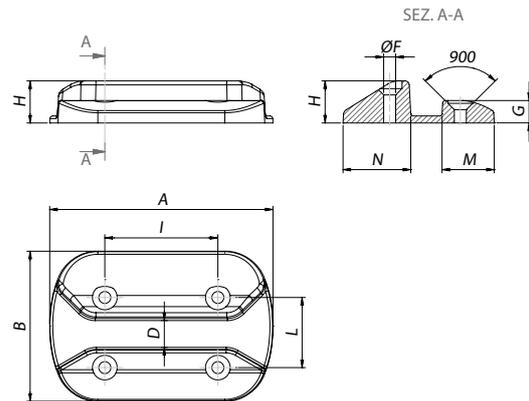
361

Aluminium floor strike plate
 Butoir au sol en aluminium
 Bodenaufaufschuh aus Aluminium
 Encuentro de aluminio para suelo
 Алюминиевый напольный упор



CODE	ART.	Size	A	B	D	F	G	H	I	L	M	N	Box info	
													Pcs per pack	Kg
10702505	361 P	Piccolo	159	108	18	Ø8,5	16,5	30	80	50	41	50	2	1,2
10702510	361 G	Grande	159	109	22	Ø8,5	16,5	30	80	50	39	48	2	1,2

Finishing: Aluminium



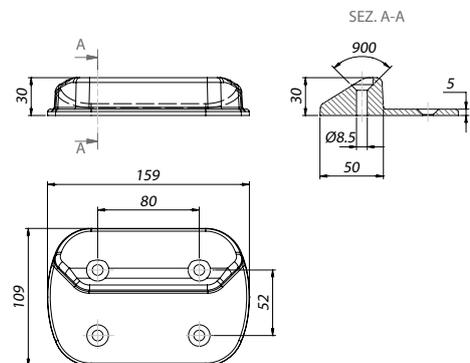
362

Step for intermediate ante in aluminium
 Butee pour vantaux intermediaires en aluminium
 Stütze für mittleren Türflügel aus Aluminium
 Tope para hojas intermedias de aluminio
 Упор для промежуточных створок из алюминия



CODE	ART.	Box info	
		Pcs per pack	Kg
10702611	362	2	1,2

Finishing: Aluminium



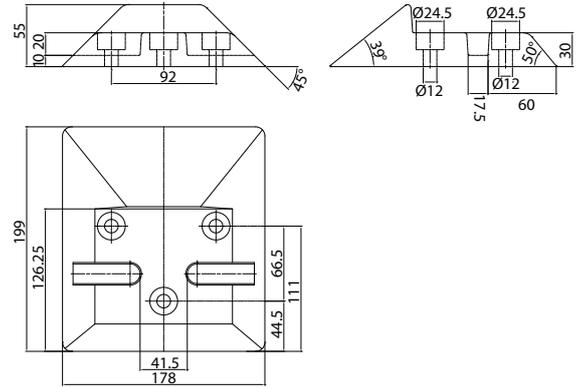
363

Aluminium floor strike plate
 Guidage au sol en aluminium
 Bodenaufaufschuh aus Aluminium
 Encuentro de aluminio para suelo
 Алюминиевый напольный упор



CODE	ART.	Box info	
		Pcs per pack	Kg
10702705	363	2	2,5

Finishing: Aluminium



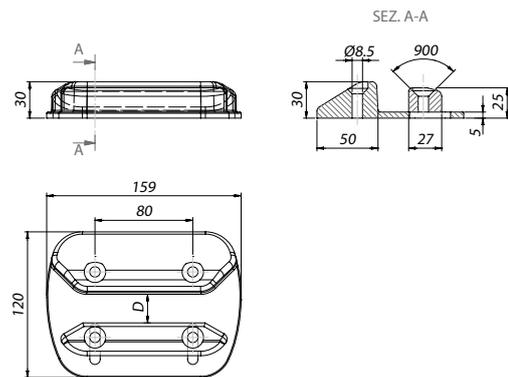
364

Adjustable aluminium floor strike plate
 Butoir au sol en aluminium réglable
 Bodenaufaufschuh aus Aluminium regulierbar
 Encuentro de aluminio regulable para suelo
 Алюминиевый регулируемый напольный упор



CODE	ART.	Size	Box info	
			Pcs per pack	Kg
10702405	364	D=18-43	2	1,2

Finishing: Aluminium



365

Floor strike plate for rods
 Butoir pour tringles
 Aufaufschuh für Stangen
 Encuentro para varillas
 Упор для стержней



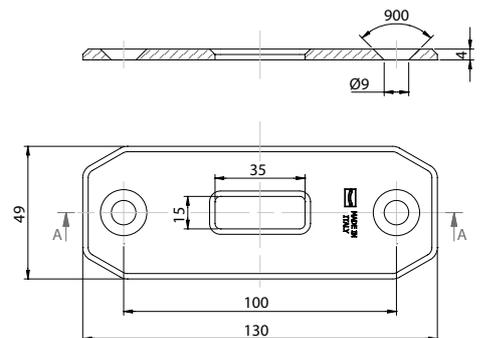
CODE	ART.	Materiale Material	Finitura Finishing	Box info	
				Pcs per pack	Kg
10702905 001	365	Steel	Zincato	10	1,9
10702105	365 AL	Aluminium	Grezzo	10	1,9

Steel: Acier / Stahl / Асоро / Сталь

Aluminium: Aluminium / Aluminio / Алюминий

Galvanized: Galvanisé / Verzinkt / Galvanizado / Оцинкованная

Raw: Rêche / Rohstoff / Bruto / Необработанный



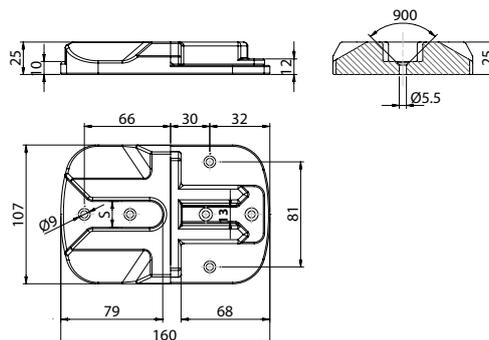
366

Floor strike plate for panic exit device
 Butoir au sol pour fermeture antipanique
 Bodenaufschuh für Antipaniktür
 Encuentro para suelo para cierre antipánico
 Напольный упор для закрытия антипаник



CODE	ART.	Size	Box info	
			Pcs per pack	Kg
10702210	366-22	S=22	2	1,5
10702220	366-42	S=42	2	1,5

Finishing: Aluminium

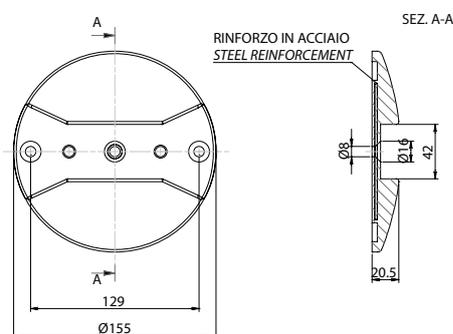


367

Black nylon floor strike plate, with steel reinforcement
 Butoir au sol en nylon noir, avec renfort en acier
 Bodenaufschuh aus schwarzem
 Nylon mit Verstärkung aus Stahl
 Encuentro de nylon negro para suelo, con refuerzo de acero
 Напольный упор из черного нейлона, со стальным укреплением



CODE	ART.	Box info	
		Pcs per pack	Kg
10702305	367	2	0,6



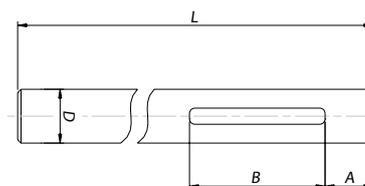
378

Adjustable lower pin
 Pivot inférieur réglable
 Unterer Bolzen regulierbar
 Perno inferior regulable
 Нижний регулируемый штифт



CODE	ART.	Size	A	B	D	L	Box info	
							Pcs per pack	Kg
10310505 001	378 P	Piccolo	13	37	16	130	4	0,8
10310510 001	378 G	Grande	18	50	20	182	4	1,8

Finishing: Galvanized



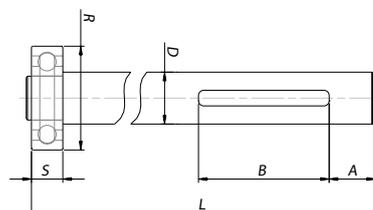
379

Adjustable lower pin with bearing
 Pivot inférieur réglable avec roulement
 Unterer Bolzen mit Kugellager regulierbar
 Perno inferior regulable con rodamiento
 Нижний регулируемый штифт с подшипником



CODE	ART.	Size	A	B	D	L	R	S	Box info	
									Pcs per pack	Kg
10311005 001	379 P	Piccolo	13	37	16	142,5	32	10	4	1,0
10311008 001	379 G-135	Grande	5,5	37	20	135	40	12	4	1,5
10311008 003	379 G-135	Grande	5,5	37	20	135	40	12	4	1,5
10311010 001	379 G-200	Grande	18	50	20	200	40	12	4	2,2
10311010 003	379 G-200	Grande	18	50	20	200	40	12	4	2,2

Finishing: Galvanized



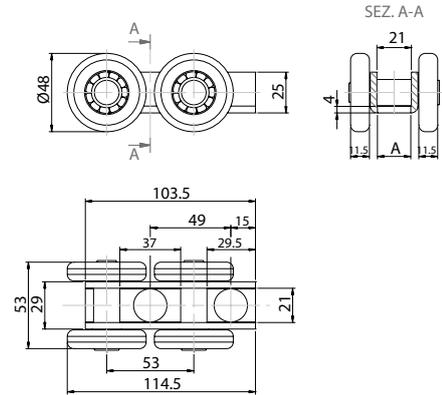
375 P

Small steel trolley with four wheels
 Chariot petit à 4 galets en acier
 Rollenapparat klein mit 4 Stahlrollen
 Carro pequeño con 4 ruedas de acero
 Маленькая тележка с 4 колесами из стали



CODE	ART.	Size	A	Portata Capacity	Box info	
					Pcs per pack	Kg
10113007 001	375 P16	16 mm	Ø16,3	400 kg	4	3,2
10113006 001	375 P20	20 mm	Ø20,5	400 kg	4	3,2

Finishing: Galvanized



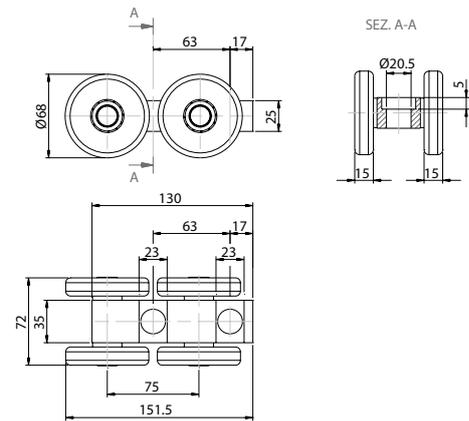
375 G

Large steel trolley with four wheels for pin, 20 mm.
 Chariot grand à 4 galets en acier pour pivot de mm. 20
 Rollenapparat gross mit 4 Stahlrollen
 Carro grande con 4 ruedas de acero para perno de 20 mm
 Большая тележка с 4 стальными колес для штифта мм 20



CODE	ART.	Size	Portata Capacity	Box info	
				Pcs per pack	Kg
10113010 001	375 G	Grande	800 kg	4	9,2

Finishing: Galvanized



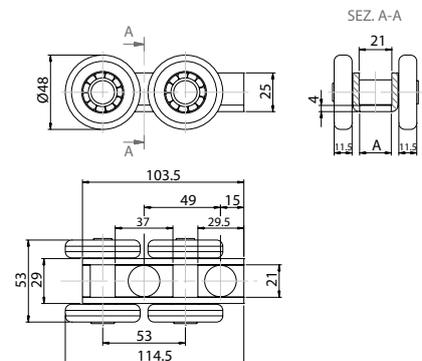
376 P

Small nylon trolley with four wheels
 Chariot petit à 4 galets en nylon
 Rollenapparat klein mit 4 Nylonrollen
 Carro pequeño con 4 ruedas de nylon
 Маленькая тележка с 4 нейлоновыми колесами



CODE	ART.	Size	A	Portata Capacity	Box info	
					Pcs per pack	Kg
10113402 001	376 P16	16 mm	Ø16,3	400 kg	4	2,1
10113401 001	376 P20	20 mm	Ø20,5	400 kg	4	2,1

Finishing: Galvanized



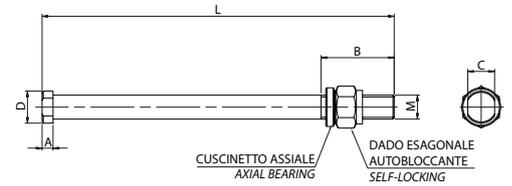
377

Upper pin for trolleys
 Pivot supérieur pour chariots
 Oberer Bolzen für Rollenapparate
 Perno superior para carros
 Верхний штырь для тележек



CODE	ART.	Finishing	Size	A	B	C	D	M	L	Portata Capacity	Box info	
											Pcs per pack	Kg
10118550 001	377P	Galvanized	Piccolo	8	50	17	Ø20	M16	220	400 kg	4	1,6
10118535 001	377G-290	Galvanized	Grande	9	60	22	Ø26,5	M20	290	800 kg	4	3,1
10118535 003	377G-290	Black Galvanized	Grande	9	60	22	Ø26,5	M20	290	800 kg	4	3,1
10118540 001	377G-330	Galvanized	Grande	9	60	22	Ø26,5	M20	330	800 kg	4	3,5
10118540 003	377G-330	Black Galvanized	Grande	9	60	22	Ø26,5	M20	330	800 kg	4	3,5

Galvanized: / Galvanisé / Verzinkt / Galvanizado / Оцинкованная
 Black Galvanized: Galvanisé Noir / Verzinkt Schwarz / Galvanizado Negro / Черный оцинкованный



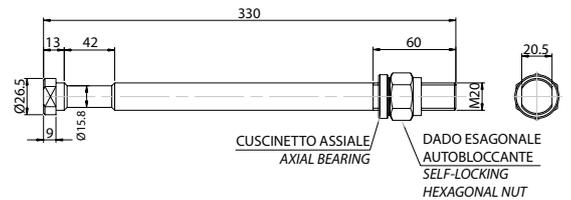
377 R

Lowered upper pin
 Pivot supérieur surbaissé
 Oberer Bolzen herabgesenkt
 Perno superior rebajado
 Верхний штырь пониженный



CODE	ART.	Finishing	Portata Capacity	Box info	
				Pcs per pack	Kg
10118530 001	377 R-330	Galvanized	400 kg	4	3,6
10118530 003	377 R-330	Black Galvanized	400 kg	4	3,6

Galvanized: / Galvanisé / Verzinkt / Galvanizado / Оцинкованная
 Black Galvanized: Galvanisé Noir / Verzinkt Schwarz / Galvanizado Negro / Черный оцинкованный



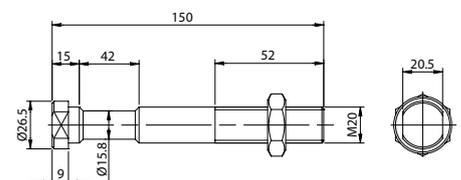
377 G-SC

Galvanized upper pin for sliding doors
 Pivot supérieur pour portail coulissant zingué
 Oberer Bolzen für Schiebetüren verzinkt
 Perno superior para puerta corredera galvanizado
 Верхний штырь для передвижения оцинкованный



CODE	ART.	Portata Capacity	Box info	
			Pcs per pack	Kg
10118701 001	377 G-SC	400 kg	4	1,4

Finishing: Galvanized



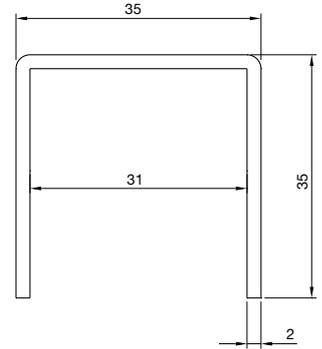
RG-387

3/6 m "u" profile for guiding plate
RG-254 and RG-252
Profil 3/6 m en forme de "u" pour
platine guide TG-254 et TG-252
3/6 m U-Profil für Torführungsbügel
RG-254 und RG-252
Perfil "U" de 3/6 m para las placas
de guía RG-254 y RG-252
Профиль 3/6м "u" для направляющей
пластины RG-254 и RG-252



CODE	ART.	Size	Box info	
			Pcs per pack	Kg
10210105 001	RG-387.3	3 m	1	4.7
10210101 001	RG-387.6	6 m	1	9.4

Finishing: Galvanized

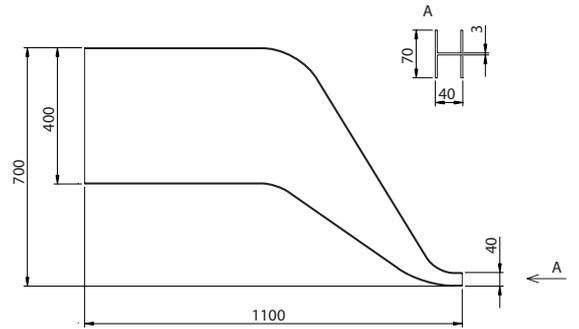


388

Reversible jib for 4-leaf side folding
Penture reversible pour portail pliable lateral 4 vantaux
Reversible schwenkplatte für seitliche
paket-lagerung bei 4 türen
Muesca de guía reversible para
empaquetamiento lateral de 4 puertas
Реверсивный флажок для боковой заветки 4 створки



CODE	ART.	Misura	Box info	
			Pcs per pack	Kg
10210010 503	388		1	12,50



395 DX-SX

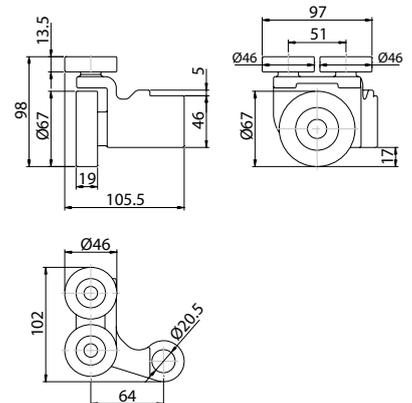
Die-cast aluminium trolley with three wheels
Chariot en aluminium moule a 3 galets
Rollenapparat aus Alu-druckguss mit 3 Rollen
Carro de aluminio fundido a presión con 3 ruedas
Тележка из литого алюминия с 3 колесами



CODE	ART.	Portata Capacity	Box info	
			Pcs per pack	Kg
10118350 503	395 DX	*	4	2,3
10118360 503	395 SX	*	4	2,3

Finishing: RAL 9005 black

*The trolley has no load-bearing function; it only serve to drive the door.



Life made easy

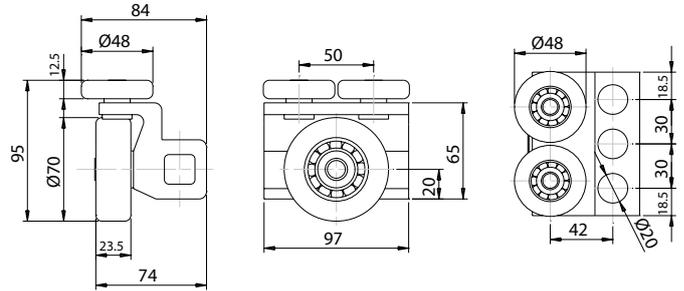
396

Reversible aluminium trolley with three wheels
 Chariot reversible en aluminium a 3 galets
 Reversibler Rollenapparat aus Aluminium mit 3 Rollen
 Carro reversible de aluminio con 3 ruedas
 Реверсивная тележка из алюминия с 3 колесами



CODE	ART.	Portata Capacity	Box info	
			Pcs per pack	Kg
10118305 503	396	280 kg	4	3,6

Finishing: RAL 9005 black



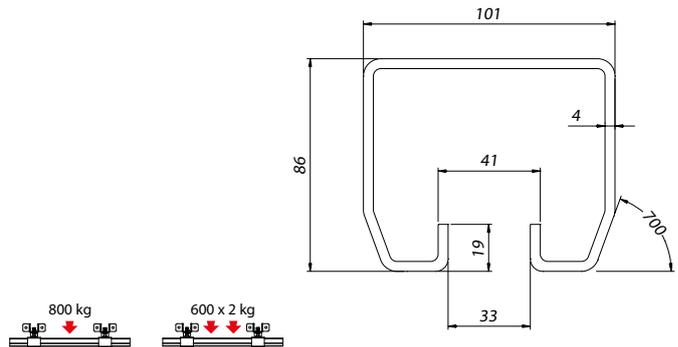
398

Large galvanized upper guide for trolleys with four wheels
 Rail superieur pour chariots 4 galets grands zingues
 Obere Laufschiene für Rollenapparate mit 4 Rollen gross verzinkt
 Monocarril superior grande galvanizado para carros con 4 ruedas
 Верхний монорельс для тележек с 4 колесами большой оцинкованный



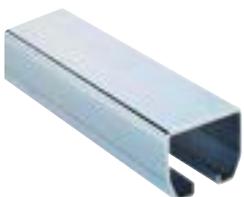
CODE	ART.	Size	Box info	
			Pcs per pack	Kg
10203011 001	398-3000	L=3000	1	30,4
10203012 001	398-6000	L=6000	1	60,7

Finishing: Galvanized



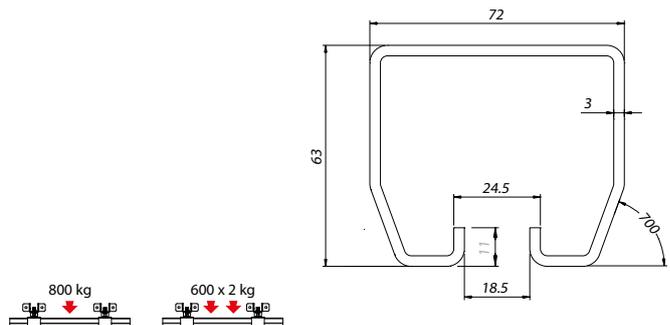
399

Small galvanized upper guide for trolleys with four wheels
 Rail superieur pour chariots 4 galets petite zingues
 Obere Laufschiene für Rollenapparate mit 4 Rollen klein verzinkt
 Monocarril superior pequeno galvanizado para carros con 4 ruedas
 Верхний монорельс для тележек с 4 колесами малый оцинкованный



CODE	ART.	Box info	
		Pcs per pack	Kg
10203006 001	399-3000	1	16,7
10203008 001	399-5500	1	30,4
10203007 001	399-6000	1	33,3

Finishing: Galvanized



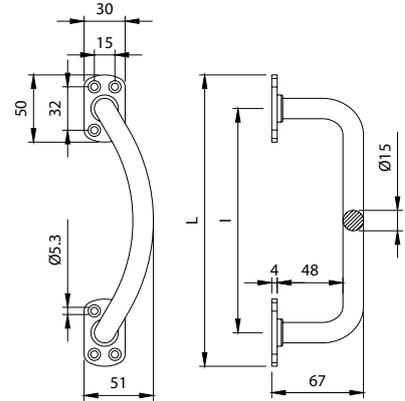
671

Bended pull handle dia.15mm
 Poignée courbée dia.15mm
 Gebogener Stosgriff Durchm.15 mm
 Tirador curvo Ø 15 mm
 Изогнутая ручка Ø15 мм



CODE	ART.	Size	I	L	Box info	
					Pcs per pack	Kg
11000400 503	671P	Piccolo	165	215	10	6,4
11000401 503	671G	Grande	215	265	10	7,1

Finishing: RAL 9005 black



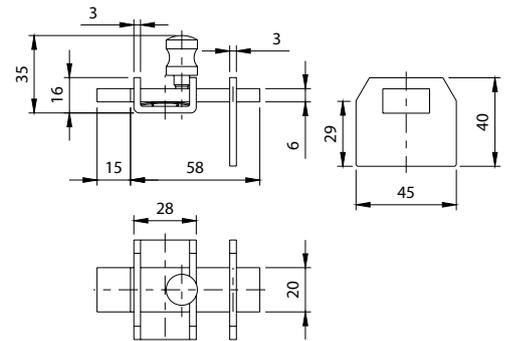
673

Bolt to be welded
 Verrou à souder
 Stosriegel zum Anschweißen
 Pasador para soldar
 Привариваемая цепь



CODE	ART.	Box info	
		Pcs per pack	Kg
11900505 001	673	25	4,2

Finishing: Galvanized



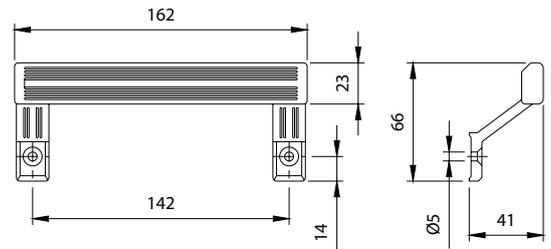
674

Die-cast alloy handle
 Béquille en zamak moulée sous pression
 Torgriff aus Druckguss-Zamak
 Tirador de zamak fundido a presión
 Ручка из литого сплава zama



CODE	ART.	Box info	
		Pcs per pack	Kg
10905006 503	674	20	4,2

Finishing: RAL 9005 black



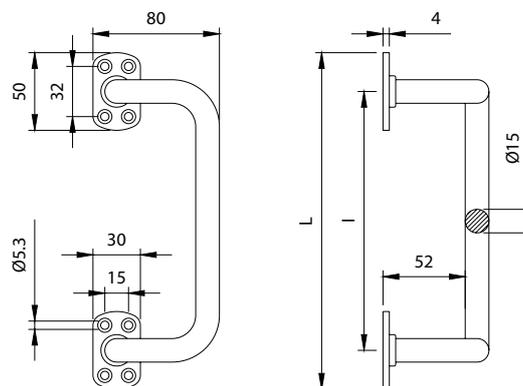
675

Bended pull handle dia.15mm
 Poignée courbée dia.15mm
 Gebogener Stosgriff Durchm.15 mm
 Tirador curvado Ø 15 mm
 Ручка гнутая Ø 15 мм



CODE	ART.	Size	I	L	Box info	
					Pcs per pack	Kg
11000505 503	675P	Piccolo	165	215	10	6,5
11000510 503	675G	Grande	215	265	10	6,5

Finishing: RAL 9005 black



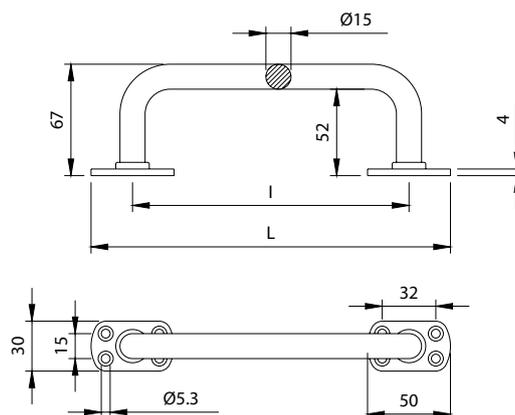
677

Straight pull handle dia.15mm
 Poignée droite dia.15mm
 Gerader Stosgriff Durchm. 15mm
 Tirador recto Ø 15 mm
 Ручка прямая Ø 15 мм



CODE	ART.	Size	I	L	Box info	
					Pcs per pack	Kg
11001005 503	677P	Piccolo	165	215	10	4,5
11001010 503	677G	Grande	215	265	10	5,4

Finishing: RAL 9005 black



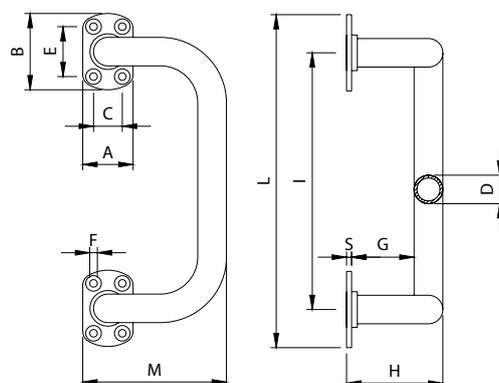
678

Bended pull handle
 Poignée courbée
 Gebogener rohrförmiger Stosgriff
 Tirador tubular curvado
 Ручка трубчатая гнутая



CODE	ART.	Size	A	B	C	D	E	F	G	H	I	L	M	S	Box info	
															Pcs per pack	Kg
11001505 503	678P	Piccolo	35	54	20	Ø20	35	Ø5,3	43	67	180	234	100	3,5	10	4,2
11001510 503	678G	Grande	45	71	27	Ø25	47	Ø6,3	53	85	280	351	143	4	10	9,0

Finishing: RAL 9005 black



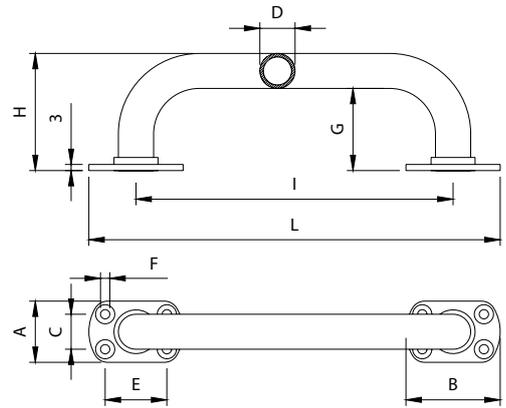
679

Straight pull handle
Poignée droite
Rohrförmiger gerader Stossgriff
Tirador tubular recto
Ручка трубчатая прямая



CODE	ART.	Size	A	B	C	D	E	F	G	H	I	L	S	Box info	
														Pcs per pack	Kg
11002505 503	679P	Piccolo	35	54	20	Ø20	35	Ø5,3	43	67	180	234	3,5	10	3,2
11002510 503	679G	Grande	45	71	27	Ø25	47	Ø6,3	53	85	280	351	4	10	6,7

Finishing: RAL 9005 black



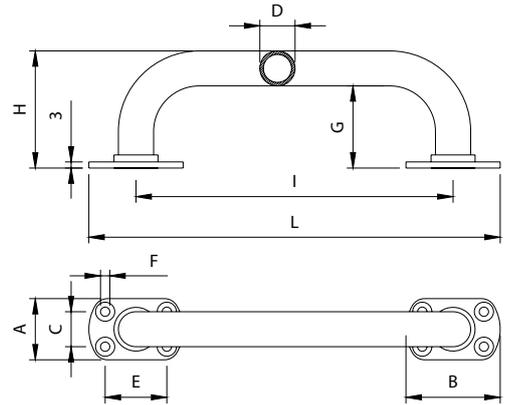
679i

Straight s/s aisi 316i pull handle
Poignée droite en acier inox aisi 316i
Gerader Rohrförmiger Stossgriff aus Edelstahl aisi 316i
Tirador tubular recto de acero inox. AISI 316i
Ручка трубчатая прямая нержавеющей сталь aisi 316i



CODE	ART.	A	B	C	D	E	F	H	I	L	Box info	
											Pcs per pack	Kg
11002610	679i	45	71	27	Ø30	47,3	Ø6,3	85	280	351	1	0,7

Finishing: Stainless steel



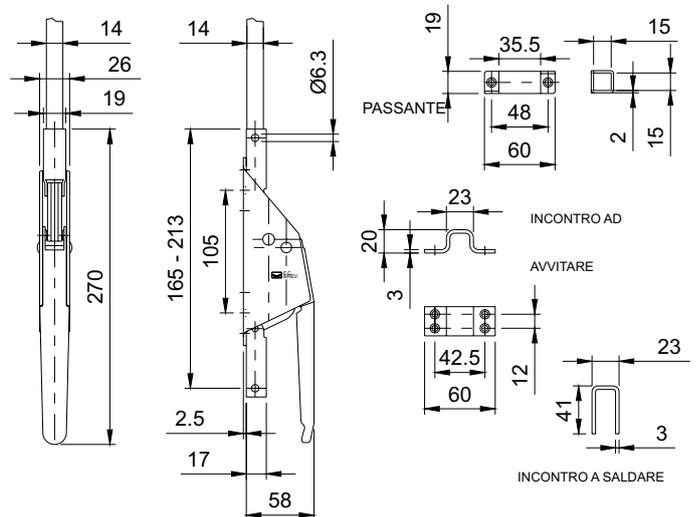
680

"Car" lever bolt internal bars 14x14mm
Crémone à levier "Car" tringles intérieures 14x14mm
Treibriegel "Car" Innenstange 14x14mm
cremona "Car" varillas externas 14x14 mm
Болтовой рычаг "Car" наружные штыри 14x14 мм



CODE	ART.	Box info	
		Pcs per pack	Kg
11203005 001	680	5	4,5

Finishing: Galvanized



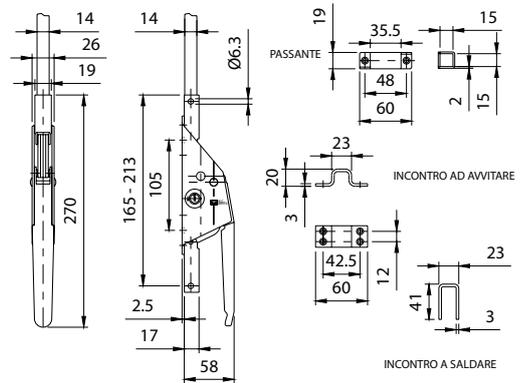
682

"Car" lever bolt external bars 14x14mm
 Crémone à levier "Car" tringles extérieures 14x14mm
 Treibriegel "Car" mit Zylinder und Außenstangen 14x14 mm
 cremona "Car" con cilindro varillas externas 14x14 mm
 Болтовой рычаг "Car" с цилиндром
 наружные штыри 14x14 мм



CODE	ART.	Box info	
		Pcs per pack	Kg
11203505 001	682	5	5,0

Finishing: Galvanized



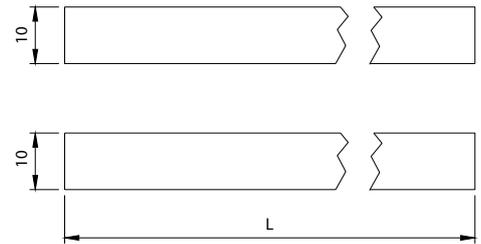
683

Bar for lever bolt art.686 10X10mm
 Tringle pour crémone art.686 10X10mm
 Stange für Treibriegel art.686 10X10mm
 Varilla para cremona art. 686 10x10 mm
 Стержень для болтового рычага арт.686 10x10 мм



CODE	ART.	Size	L	Box info	
				Pcs per pack	Kg
10205505 001	683	L=1500	1500	1	1,2
10205510 001	683	L=2000	2000	1	1,6

Finishing: Galvanized



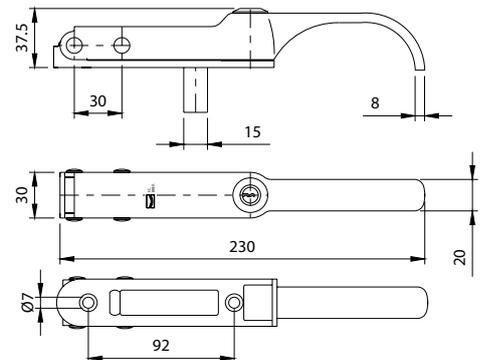
684

"Bon" lever bolt with cylinder
 Crémones à levier "Bon" avec cylindre
 Treibriegel "Bon" mit Zylinder
 cremona "Bon" con cilindro
 Болтовой рычаг "Bon" с цилиндром



CODE	ART.	Box info	
		Pcs per pack	Kg
11204005 700	684	5	3,6

Finishing: Galvanized



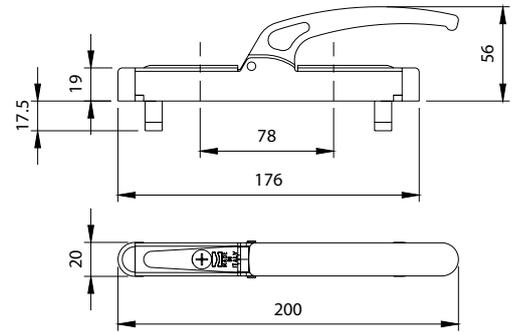
685

Lever bolt internal bars dia.6mm
 Crémone à levier tringles intérieures dia 6mm
 Treibriegel für Innenstange Durchm. 6mm
 cremona para varillas internas Ø6 mm
 Болтовой рычаг для внутренних штырей Ø6 мм



CODE	ART.	Box info	
		Pcs per pack	Kg
11204805 503	685	10	5,0

Finishing: RAL 9005 black



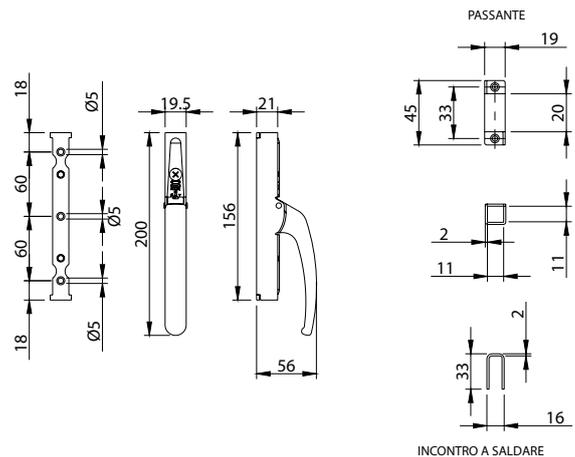
686

Lever bolt for external bars 10x10mm
 Crémone à levier pour tringles extérieures 10x10mm
 Treibriegel für Außenstange Durchm. 10X10mm
 cremona para varillas externas 10x10 mm
 Болтовой рычаг для наружных штырей 10x10 мм



CODE	ART.	Box info	
		Pcs per pack	Kg
11204705 503	686	10	5,0

Finishing: RAL 9005 black



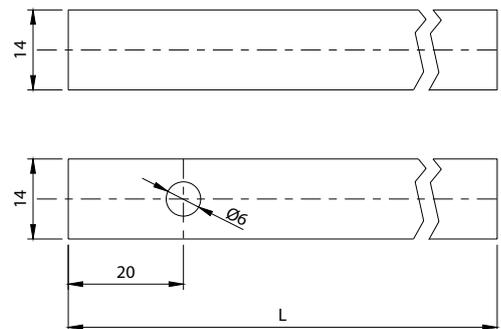
687

Holed bar 14x14 mm for lever bolt art.680-682
 Tringle percée 14x14mm pour crémones art.680-682
 Stange mit Bohrungen 14x14mm für Treibriegel art.680-682
 Varilla perforada 14x14 mm para cremona arts. 680-682
 Стержень с отверстиями 14x14 мм для болтового рычага арт.680-682



CODE	ART.	Size	L	Box info	
				Pcs per pack	Kg
10206005 001	687	L=1500	1500	1	2,3
10206010 001	687	L=2000	2000	1	3,1

Finishing: Galvanized



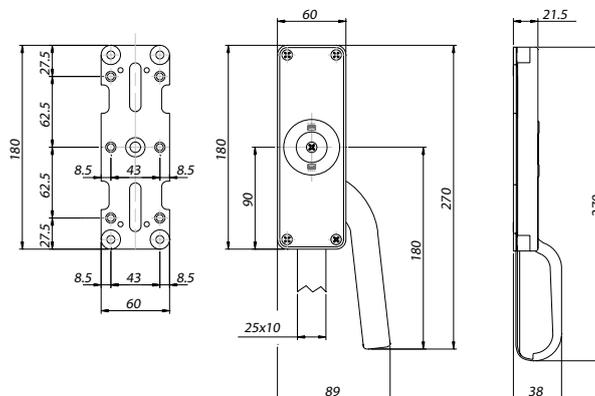
690 MC

Small star lever bolt
 Cremona star petite
 Treibriegel star klein
 Falleba star pequeña
 Малый болтовой рычаг star



CODE	ART.	Size	Finishing	Corsa Rod stroke	Box info	
					Pcs per pack	Kg
11205006 001	690 MC	DX	Galvanized	31	2	1,9
11205006 503	690 MC	DX	RAL 9005	31	2	1,9
11205011 001	690 MC	SX	Galvanized	31	2	1,8
11205011 503	690 MC	SX	RAL 9005	31	2	1,8

Galvanized: Galvanisé / Verzinkt / Galvanizado / Оцинкованная
 RAL 9005: black / noir / Schwarz / negro / черный



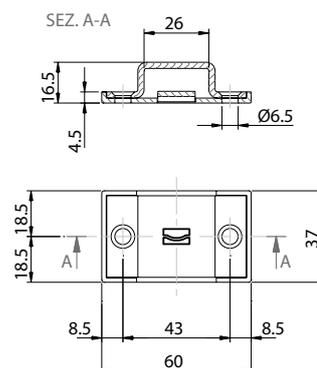
691 P

Rod guide 25x10
 Traversant pour tringles 25x10
 Lasche für Stangen 25x10
 Puente para varillas 25x10
 Сквозная направляющая для стержней 25x10



CODE	ART.	Size	Finishing	Box info	
				Pcs per pack	Kg
12001105 001	691 P	25x10	Galvanized	50	2,7
12001105 503	691 P	25x10	RAL 9005	50	2,8

Galvanized: Galvanisé / Verzinkt / Galvanizado / Оцинкованная
 RAL 9005: black / noir / Schwarz / negro / черный



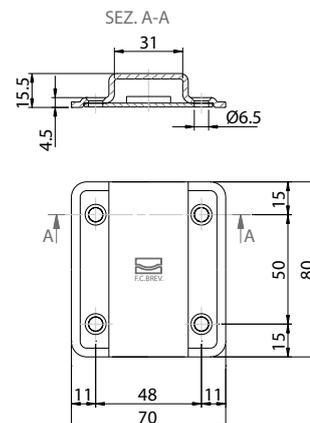
691 G

Rod guide for 30 x 10 rod
 Traversant pour tringle 30x10
 Führungsaufnahme für Verbindungsstange 30x10
 Puente para varilla 30x10
 Сквозная направляющая для стержней 30x10



CODE	ART.	Size	Finishing	Box info	
				Pcs per pack	Kg
12001505 001	691 G	30x10	Galvanized	50	7,1
12001505 503	691 G	30x10	RAL 9005	50	7,1

Galvanized: Galvanisé / Verzinkt / Galvanizado / Оцинкованная
 RAL 9005: black / noir / Schwarz / negro / черный



692 P

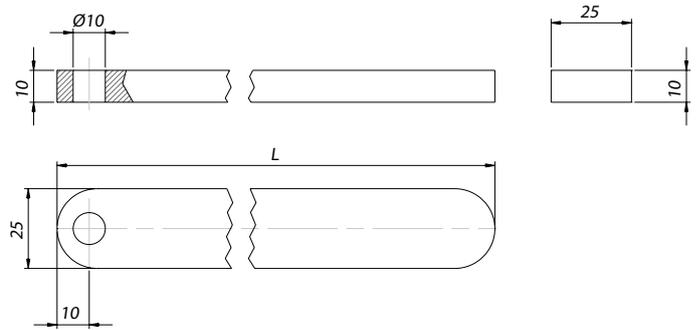
Connection rod 25x10
 Tringle de jonction 25x10
 Verbindungsstange 25x10
 Varilla de conexión 25x10
 Соединительный стержень 25x10



CODE	ART.	Size	Finishing	L	Box info	
					Pcs per pack	Kg
10203503 001	692 P	1,2 mt	Galvanized	1200	1	2,3
10203503 003	692 P	1,2 mt	Black Galvanized	1200	1	2,3
10203515 001	692 P	3,0 mt	Galvanized	3000	1	5,9
10203515 003	692 P	3,0 mt	Black Galvanized	3000	1	5,9
10203504 001	692 P	4,8 mt	Galvanized	4800	1	9,5
10203504 003	692 P	4,8 mt	Black Galvanized	4800	1	9,5

Galvanized: Galvanisé / Verzinkt / Galvanizado / Оцинкованная

Black Galvanized: Galvanisé Noir / Verzinkt Schwarz / Galvanizado negro / Оцинкованная черный



692 G

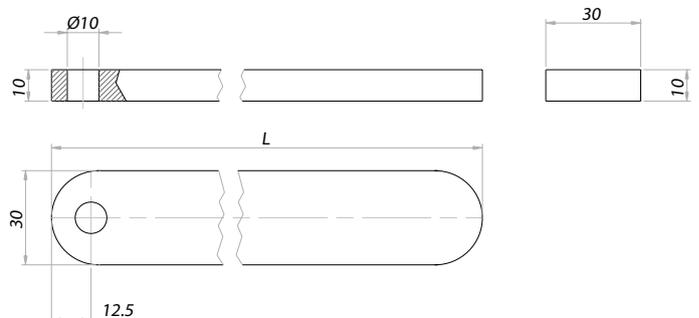
Connection rod 30x10
 Tringle de jonction 30x10
 Verbindungsstange 30x10
 Varilla de conexión 30x10
 Соединительный стержень 30x10



CODE	ART.	Size	Finishing	L	Box info	
					Pcs per pack	Kg
10203518 001	692 G	1,2 mt	Galvanized	1200	1	2,8
10203518 003	692 G	1,2 mt	Black Galvanized	1200	1	2,8
10203530 001	692 G	3,0 mt	Galvanized	3000	1	7,0
10203530 003	692 G	3,0 mt	Black Galvanized	3000	1	7,0
10203540 001	692 G	4,8 mt	Galvanized	4800	1	11,3
10203540 003	692 G	4,8 mt	Black Galvanized	4800	1	11,3

Galvanized: Galvanisé / Verzinkt / Galvanizado / Оцинкованная

Black Galvanized: Galvanisé Noir / Verzinkt Schwarz / Galvanizado negro / Оцинкованная черный



Life made easy

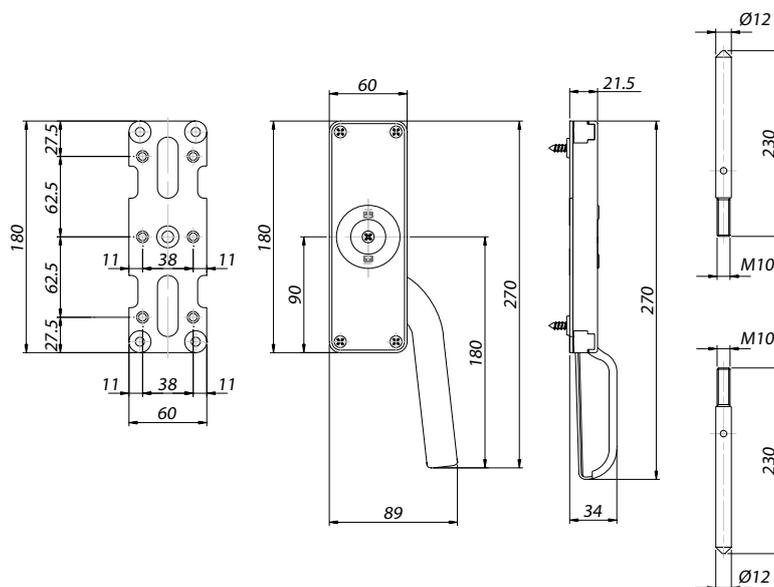
693 MC

Small star lever bolt for internal rods
 Crémone star petite pour tringles intérieures
 Treibriegel star klein für innenstangen
 cremona star pequeña para varillas internas
 Малый болтовой рычаг star для внутренних стержней



CODE	ART.	Size	Corsa Rod stroke	Box info	
				Pcs per pack	Kg
11207006 503	693 MC	DX	31	2	2,5
11207011 503	693 MC	SX	31	2	2,5

Finishing: RAL 9005 black



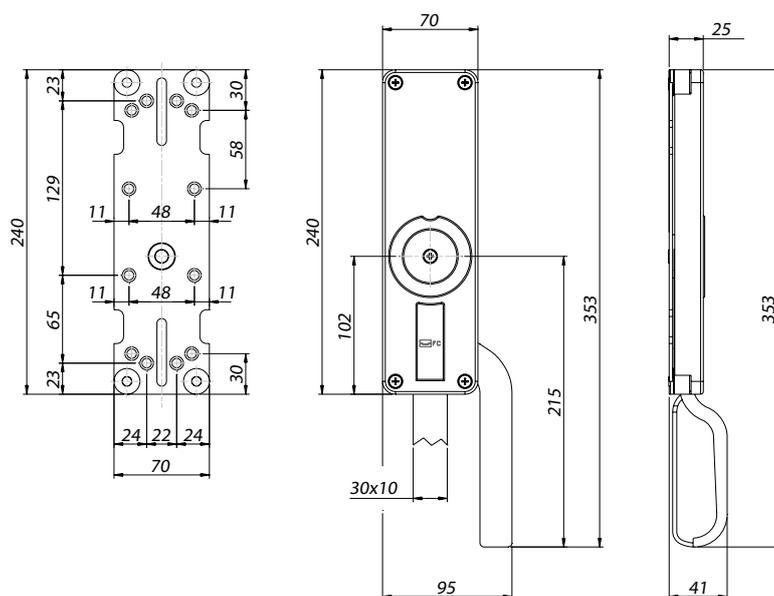
694 MC

Large star lever bolt
 Crémone star grande
 Treibriegel star gross
 Falleba star grande
 Большой болтовой рычаг star



CODE	ART.	Finishing	Corsa Rod stroke	Box info	
				Pcs per pack	Kg
11205506 001	694 MC	Galvanized	40	2	3,8
11205506 503	694 MC	RAL 9005	40	2	3,8
11205511 001	694 MC	Galvanized	40	2	3,8
11205511 503	694 MC	RAL 9005	40	2	3,8

Galvanized: Galvanisé / Verzinkt / Galvanizado / Оцинкованная
 RAL 9005: black / noir / Schwarz / negro / черный



695 P

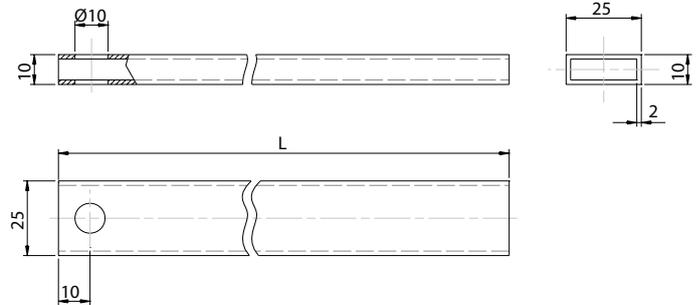
Connection tubular rod 25x10
 Tringle de jonction tubulaire 25x10
 Rohr-Verbindungsstange 25x10
 Varilla de conexión tubular 25x10
 Соединительный стержень трубчатый 25x10



CODE	ART.	Size	Finishing	L	Box info	
					Pcs per pack	Kg
10203703 001	695 P	1,2 mt	Galvanized	1200	1	1,2
10203703 003	695 P	1,2 mt	Black Galvanized	1200	1	1,2
10203715 001	695 P	3,0 mt	Galvanized	3000	1	2,9
10203715 003	695 P	3,0 mt	Black Galvanized	3000	1	2,9
10203704 001	695 P	4,8 mt	Galvanized	4800	1	4,7
10203704 003	695 P	4,8 mt	Black Galvanized	4800	1	4,7

Galvanized: Galvanisé / Verzinkt / Galvanizado / Оцинкованная

Black Galvanized: Galvanisé Noir / Verzinkt Schwarz / Galvanizado negro / Оцинкованная черный



695 G

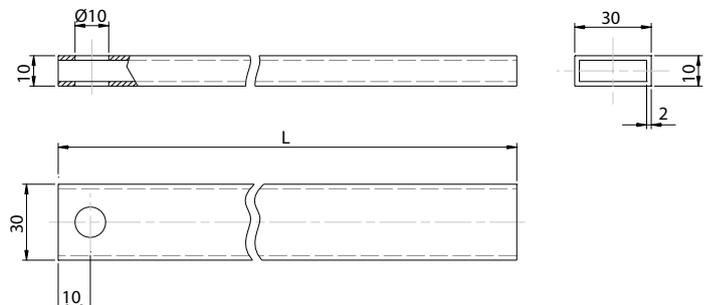
Connection tubular rod 30x10
 Tringle de jonction tubulaire 30x10
 Rohr-Verbindungsstange 30x10
 Varilla de conexión tubular 30x10
 Соединительный стержень трубчатый 30x10



CODE	ART.	Size	Finishing	L	Box info	
					Pcs per pack	Kg
10203718 001	695 G	1,2 mt	Galvanized	1200	1	1,2
10203718 003	695 G	1,2 mt	Black Galvanized	1200	1	1,2
10203730 001	695 G	3,0 mt	Galvanized	3000	1	3,4
10203730 003	695 G	3,0 mt	Black Galvanized	3000	1	3,4
10203740 001	695 G	4,8 mt	Galvanized	4800	1	5,4
10203740 003	695 G	4,8 mt	Black Galvanized	4800	1	5,4

Galvanized: Galvanisé / Verzinkt / Galvanizado / Оцинкованная

Black Galvanized: Galvanisé Noir / Verzinkt Schwarz / Galvanizado negro / Оцинкованная черный



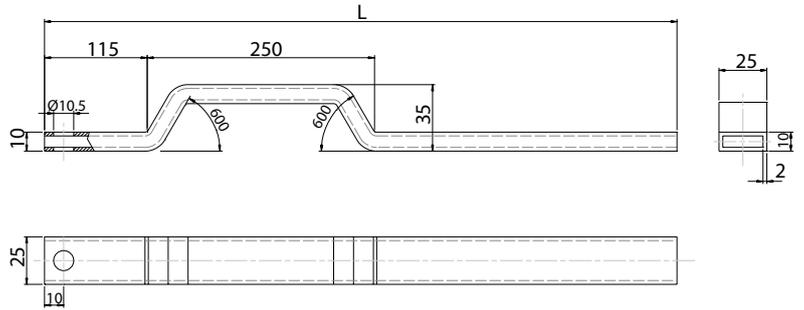
695 PM

Closing tubular rod with handle 25x10
 Tringle tubulaire de fermeture avec poignée 25x10
 Rohrverschlussstange mit Griffe 25x10
 Varilla de cierre tubular con manilla 25x10
 Закрывающий стержень трубчатый с ручкой 25x10



CODE	ART.	Size	Finishing	L	Box info	
					Pcs per pack	Kg
10203702 001	695 PM	1,2 mt	Galvanized	1200	1	1,2
10203702 003	695 PM	1,2 mt	Black Galvanized	1200	1	1,2

Galvanized: Galvanisé / Verzinkt / Galvanizado / Оцинкованная
 Black Galvanized: Galvanisé Noir / Verzinkt Schwarz / Galvanizado negro / Оцинкованная черный



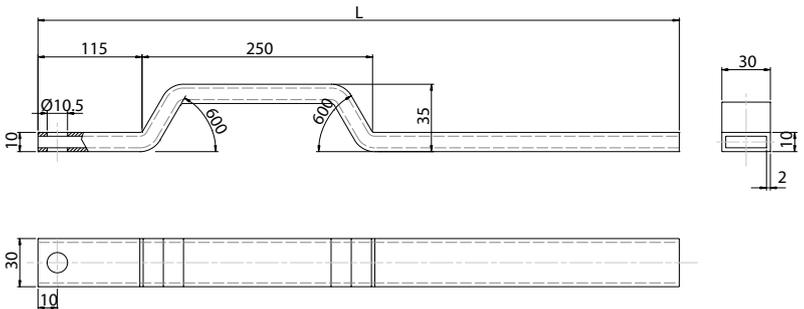
695 GM

Closing tubular rod with handle 30x10
 Tringle tubulaire de fermeture avec poignée 30x10
 Rohrverschlussstange mit Griffe 30x10
 Varilla de cierre tubular con manilla 30x10
 Закрывающий стержень трубчатый с ручкой 30x10



CODE	ART.	Size	Finishing	L	Box info	
					Pcs per pack	Kg
10203701 001	695 GM	1,2 mt	Galvanized	1200	1	1,4
10203701 003	695 GM	1,2 mt	Black Galvanized	1200	1	1,4

Galvanized: Galvanisé / Verzinkt / Galvanizado / Оцинкованная
 Black Galvanized: Galvanisé Noir / Verzinkt Schwarz / Galvanizado negro / Оцинкованная черный



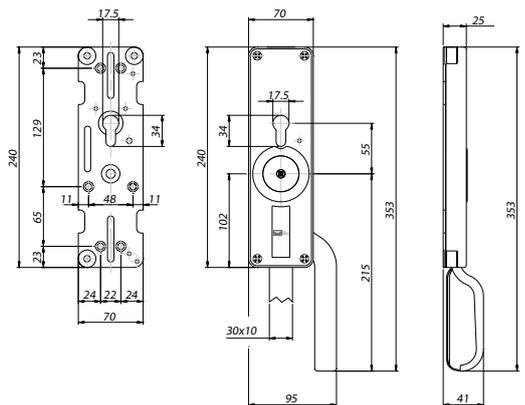
696 MC

Large star lever bolt for cylinder
 Crémone star grande pour cylindre
 Treibriegel star gross für Zylinder
 cremona star grande para cilindro
 Большой болтовой рычаг star для цилиндра



CODE	ART.	Size	Finishing	Corsa Rod stroke	Box info	
					Pcs per pack	Kg
11206006 001	696 MC	DX	Galvanized	40	2	3,0
11206006 503	696 MC	DX	RAL 9005	40	2	3,0
11206011 001	696 MC	SX	Galvanized	40	2	3,0
11206011 503	696 MC	SX	RAL 9005	40	2	3,0

Galvanized: Galvanisé / Verzinkt / Galvanizado / Оцинкованная
 RAL 9005: black / noir / Schwarz / negro / черный



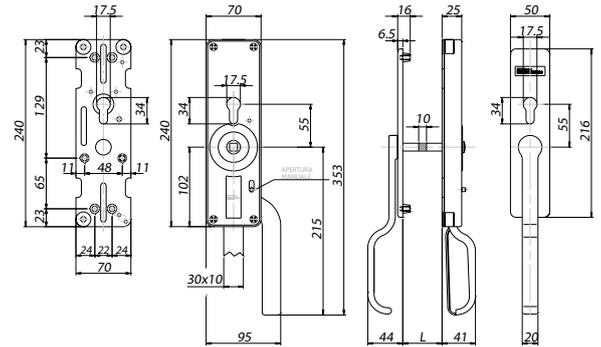
698 MC

Large star lever bolt with external handle
 Cremona star grande avec béquille extérieure
 Treibriegel star gross
 cremona star grande con manilla exterior
 Большой болтовой рычаг star с наружной ручкой



CODE	ART.	Size	L	Finishing	Corsa Rod stroke	Box info	
						Pcs per pack	Kg
11206506 001	698 MC	DX	50	Galvanized	40	2	4,3
11206506 503	698 MC	DX	50	RAL 9005	40	2	4,3
11206511 001	698 MC	SX	50	Galvanized	40	2	4,3
11206511 503	698 MC	SX	50	RAL 9005	40	2	4,3
11206526 001	698 MC	DX	80	Galvanized	40	2	4,4
11206526 503	698 MC	DX	80	RAL 9005	40	2	4,4
11206531 001	698 MC	SX	80	Galvanized	40	2	4,4
11206531 503	698 MC	SX	80	RAL 9005	40	2	4,4

Galvanized: Galvanisé / Verzinkt / Galvanizado / Оцинкованная
 RAL 9005: black / noir / Schwarz / negro / черный



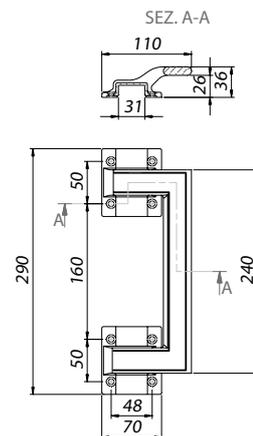
699

Nylon pull handle with guides
 Poignée d'entraînement en nylon avec traversants
 Nylongriff zum Ziehen mit Laschen
 Tirador de arrastramiento en nailon con puentes
 Тележка с 2 поворотными колесами с подшипниками

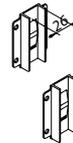


CODE	ART.	Box info	
		Pcs per pack	Kg
11003500	699	10	3,0

Finishing: nylon black



KIT DI RIDUZIONE PER 692P/695P



KIT PER 692G/695G



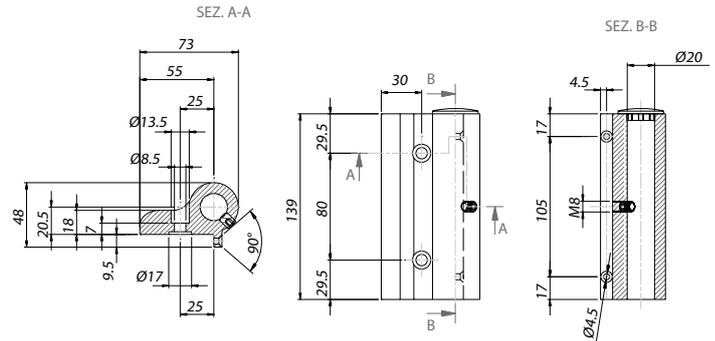
P365

Die-cast aluminium hinge with off-centre step
 Paumelle simple en aluminium moulée avec butée desaxée
 Einzel-Scharnier aus Alu-druckguss mit ausserachsiger Stütze
 perno de aluminio fundido a presión con tope descentrado
 Одинарный шарнир из литого алюминия с упором, смещенный



CODE	ART.	Portata Capacity	Box info	
			Pcs per pack	Kg
11644015 503	P 365	200 kg	4	1,8

Finishing: RAL 9005 black



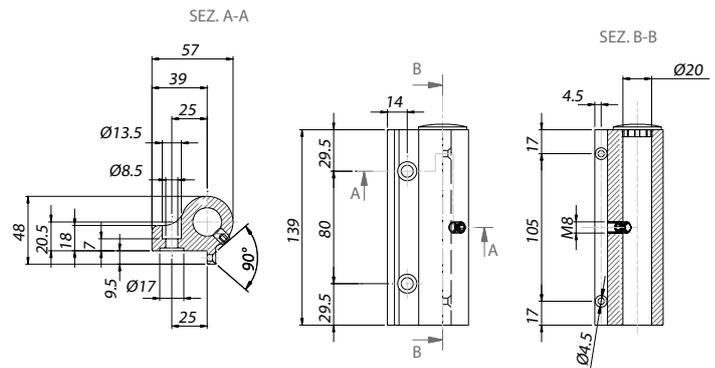
P365 R

Reduced die-cast aluminium hinge with step
 Paumelle simple réduite en aluminium moulée avec butée
 Einzel-scharnier reduziert aus Alu-druckguss mit Stütze
 perno reducido de aluminio fundido a presión con tope
 Уменьшенный одинарный шарнир из литого алюминия с упором



CODE	ART.	Portata Capacity	Box info	
			Pcs per pack	Kg
11645515 503	P365 R	200 kg	4	1,6

Finishing: RAL 9005 black



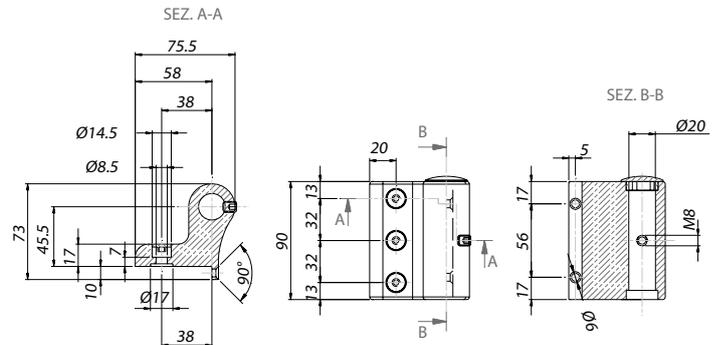
P368 I

Off-centre die-cast aluminium lower hinge
 Paumelle inférieure en aluminium moulée décentrée
 Unteres-Scharnier aus Alu-druckguss dezentriert
 perno inferior de aluminio fundido a presión descentrado
 Нижний шарнир из литого алюминия, смещенный



CODE	ART.	Box info	
		Pcs per pack	Kg
11644500 503	P368 I	4	2,6

Finishing: RAL 9005 black



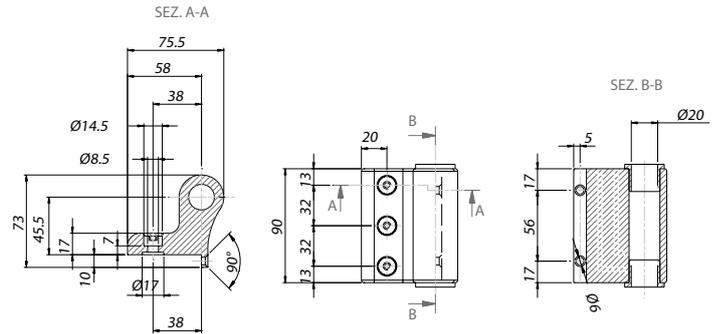
P368 S

Off-center die-cast aluminium upper hinge
 Paumelle supérieure en aluminium moulée décentrée
 Oberes Scharnier aus Alu-druckguss dezentriert
 perno superior de aluminio fundido a presión descentrado
 Верхний шарнир из литого алюминия, смещенный



CODE	ART.	Portata Capacity	Box info	
			Pcs per pack	Kg
11644550 503	P368 S	130 kg	4	2,6

Finishing: RAL 9005 black



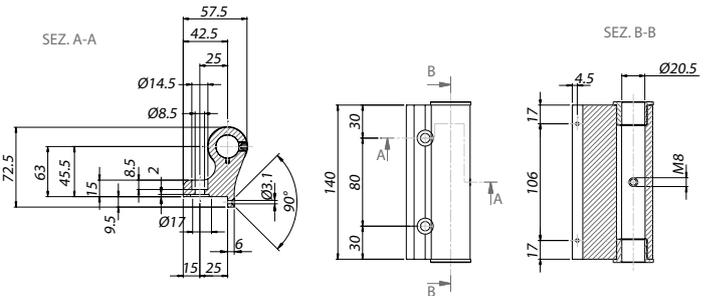
P368 M

Off-center oversized upper/lower hinge
 Paumelle supérieure/inferieure surdimensionnée décentralisée
 Dezentralisiertes oberes/unteres Scharnier vergrößert
 perno superior/inferior sobredimensionado descentrado
 Верхний/нижний шарнир увеличенный смещенный



CODE	ART.	Portata Capacity	Box info	
			Pcs per pack	Kg
11644560 503	P368 M	200 kg	4	2,5

Finishing: RAL 9005 black



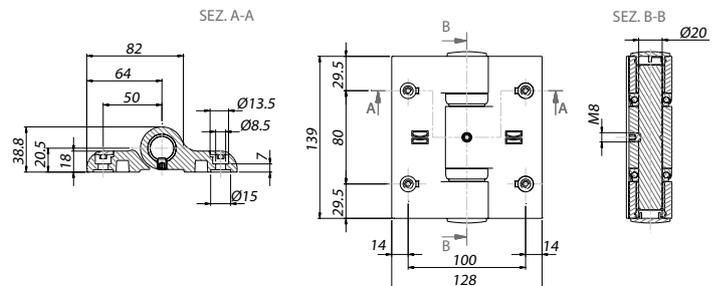
P370

Flat die-cast aluminium double hinge
 Paumelle double en aluminium moulée plate
 Doppelscharnier aus Alu-druckguss flach
 perno doble de aluminio fundido a presión chato
 Плоский двойной шарнир из литого алюминия



CODE	ART.	Portata Capacity	Box info	
			Pcs per pack	Kg
11640710 503	P370	300 kg	12	12,6

Finishing: RAL 9005 black



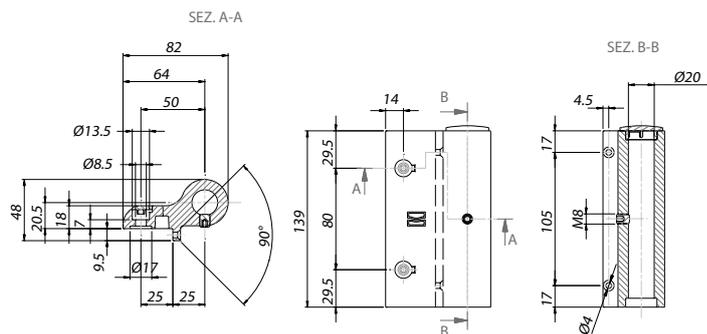
P385

Die-cast aluminium hinge with step
 Paumelle simple en aluminium moulée avec butée
 Einzel-scharnier aus Alu-druckguss mit Stütze
 perno de aluminio fundido a presión con tope
 Одинарный шарнир из литого алюминия с упором



CODE	ART.	Portata Capacity	Box info	
			Pcs per pack	Kg
11642510 503	P385	200 kg	4	2,2

Finishing: RAL 9005 black



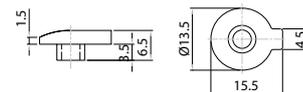
R383-13.5

Screw cover for hinge P380
 Embout couvre-vis pour paumelle P380
 Stöpsel für P380 schraube
 Tapatomillo para perno P380
 Заглушка для закрытия винта для шарнира P380



CODE	ART.	Box info	
		Pcs per pack	Kg
10310702	R383-13.5	200	0,8

Finishing: RAL 9005 black



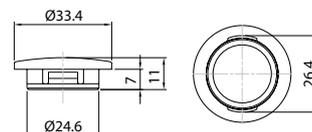
R383-33

Supperper for hinge P380
 Embout de tête pour paumelle P380
 Stöpsel für Scharnierkopf P380
 Tapa para perno P380
 Торцевая заглушка для шарнира P380



CODE	ART.	Box info	
		Pcs per pack	Kg
10310701	R383-33	200	0,8

Finishing: RAL 9005 black



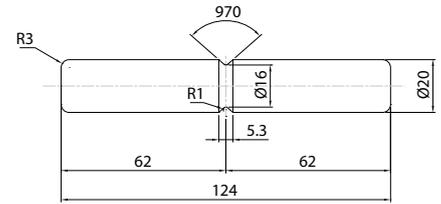
R378

Pin for hinge P380
 Pivot pour paumelle P380
 Bolzen für Scharnier P380
 Eje para perno P380
 Штырь для шарнира P380



CODE	ART.	Box info	
		Pcs per pack	Kg
10310601 001	R378	20	6,0

Finishing: Galvanized



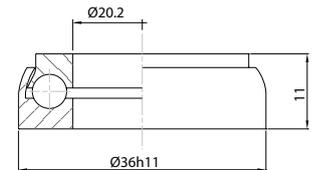
400

Bearing 20x36x11 black galvanized for p380
 Roulement 20x36x11 zinc. Noir pour p380
 Lager 20x36x11 schwarz-verzinkt für p380
 Rodamiento 20x36x11 galvaniz. Negro para P380
 Подшипник 20x36x11 цинк. Черный для P380



CODE	ART.	Box info	
		Pcs per pack	Kg
12400526 003	400	100	4,7

Finishing: Black Galvanized



2+2 Side folding panels with 4 wheel trolley / 2+2 Vantaux ramassage latéral avec chariot 4 galet
 2+2 Flügel seitliche paket-lagerung mit vierrädrigem rollenapparat / 2+2 Hojas plegables con carro 4 ruedas
 2+2 Створки с боковой заверткой с тележкой 4 колеса

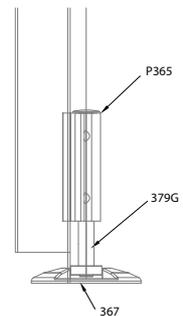
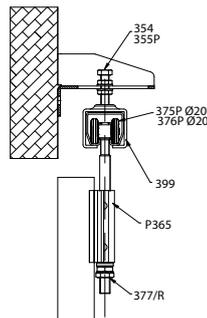
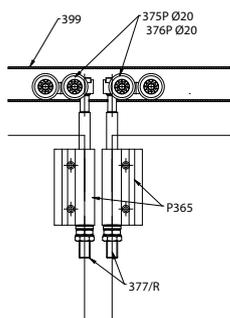
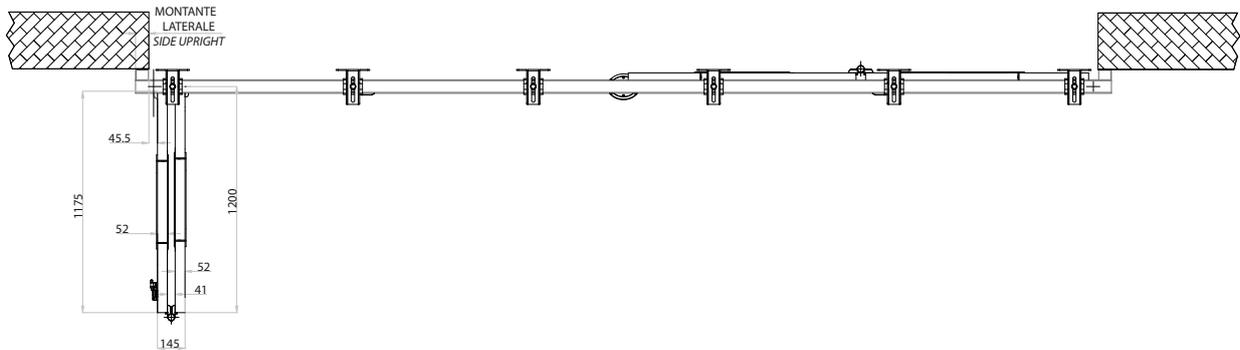
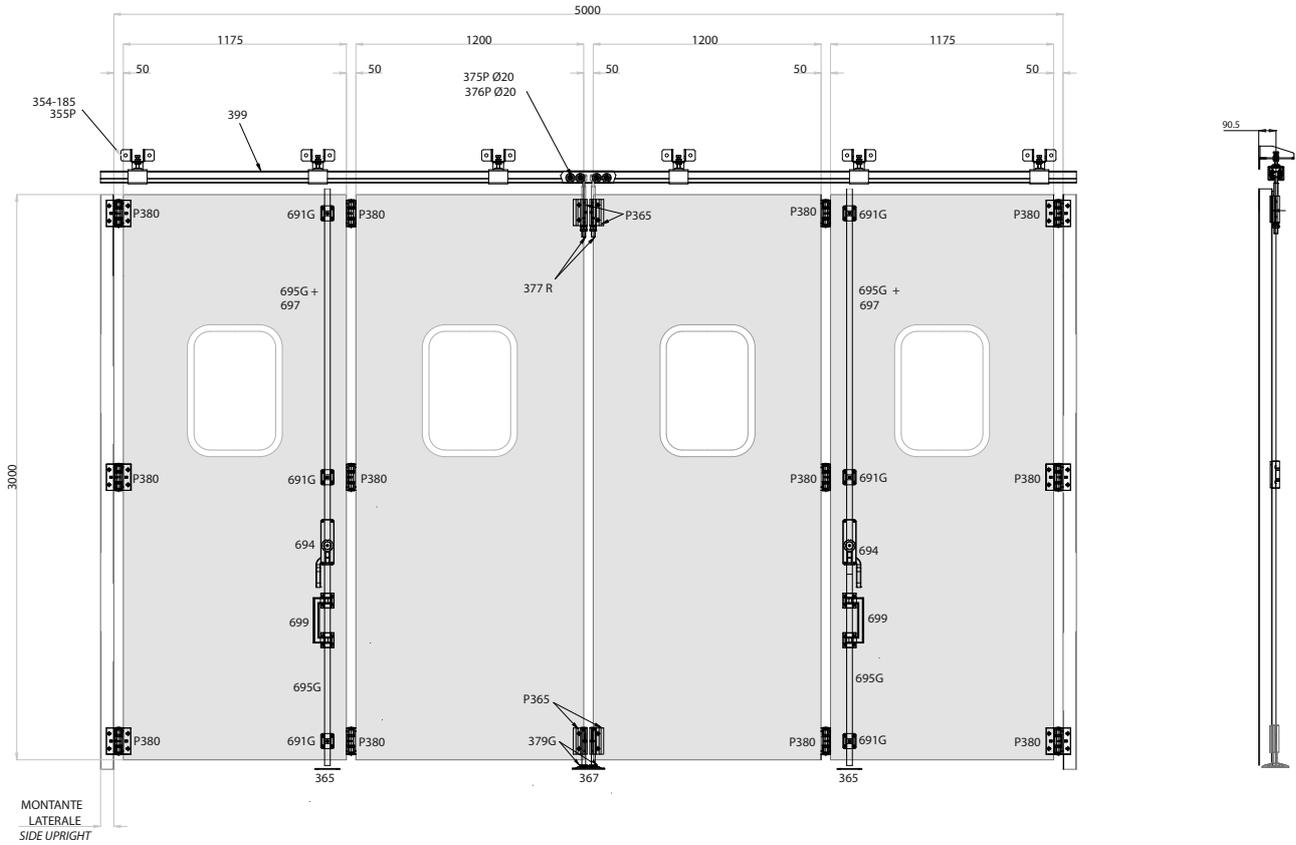


Diagram with closed doors

Diagram with open/closed doors

Technical details

Suggested KIT

	ART.	DESCRIPTION	Box info Pcs per pack	PAG.
	399	Small galvanized upper guide for trolleys with four wheels / Rail supérieur pour chariots 4 galets petite zingues / Obere Laufschiene für Rollenapparate mit 4 Rollen klein verzinkt / Monocarril superior pequeño galvanizado para carros con 4 ruedas / Верхний монорельс для тележек с 4 колесами малый оцинкованный	1 (6.0 m)	311
	354-185	Adjustable wall rod 185 mm. / Support réglable au mur mm. 185 / Regulierbarer wandbügel 185 mm / Placa regulable de pared 185 mm / Регулируемый настенный кронштейн мм 185	6	299
	355 P	Adjustable guide support / Support guide réglable / Regulierbare führung / Soporte guía regulable / Опора регулируемой направляющей	6	300
	375 P20 / 376 P20	Small steel trolley with four wheels - nylon / Chariot petit a 4 galets en acier - nylon / Rollenapparat klein mit 4 stahlrollen - nylonrollen / Carro pequeño con 4 ruedas de acero - nylon / Маленькая тележка с 4 нейлоновыми/стальными колесами	2	307
	694 MC	Large star lever bolt / Cremone star grande / Treibriegel star gross / Falleba star grande / Большой болтовой рычаг star	1 DX + 1 SX	321
	699	Nylon pull handle with guides / Poignee d'entrainement en nylon avec traversants / Nylongriff zum ziehen mit laschen / Tirador de nylon con puentes / Ручка из нейлона со сквозными направляющими	2	323
	695 G	Closing tubular rod 30x10 / Tringle tubulaire de fermeture 30x10 / Rohrverschlussstange 30x10 / Varilla de cierre tubular 30x10 / Закрывающий стержень трубчатый 30x10	2 (1.20 m) + 2 (3.0 m)	322
	691 G	Rod guide 30x10 / Traversant pour tringles 30x10 / Lasche für stangen 30x10 / Puente para varillas 30x10 / Сквозная направляющая для стержней 30x10	6	319
	365	Floor strike plate for rods / Butoir pour tringles / Auflaufschuh für stangen / Encuentro para varillas / Упор для стержней	2	303
	367	Black nylon floor strike plate, with steel reinforcement / Butoir au sol en nylon noir, avec renfort en acier / Bodenaufschuh aus schwarzem nylon mit verstärkung aus stahl / Encuentro de nylon negro para suelo, con refuerzo de acero / Напольный упор из черного нейлона, со стальным укреплением	1	303
	P380	Die-cast aluminium double hinge with steps / Paumelle double en aluminium moulee avec butees / Doppelscharnier aus alu-druckguss flach, ohne bolzen / Pernio doble de aluminio fundido a presión con topes / Плоский двойной шарнир из литого алюминия с упорами	12	331
	P365	Die-cast aluminium hinge with off-centre step / Paumelle simple en aluminium moulee avec butee desaxee / Einzel-scharnier gross aus aluminium mit stütze / Pernio de aluminio fundido a presión con tope descentrado / Одинарный шарнир из литого алюминия с упором, смещенный	4	329
	377 R	Lowered upper pin / Pivot supérieur surbaisse / Oberer bolzen herabgesenkt / Perno superior rebajado / Верхний штырь пониженный	2	308
	379 G 135	Adjustable lower pin with bearing / Pivot inférieur réglable avec roulement / Regulierbarer unterer bolzen mit kugellager / Perno inferior regulable con rodamiento / Нижний регулируемый штифт с подшипником	2	305
	239	Door leaf suppperper / Embout d'amortissage vantaux / Stossdämpfer für türe / Amortiguador hojas / Амортизирующая пробка створки	2	295

2+2 Side folding panels with heavy steel trolley / 2+2 Vantaux ramassage latéral avec chariot en acier lourd / 2+2 Flügel seitliche paket-lagerung mit rollenapparat aus schwerem stahl / 2+2 Hojas plegables con carro de acero pesado / 2+2 Створки с боковой заверткой с тяжелой тележкой из стали

Diagram with closed doors

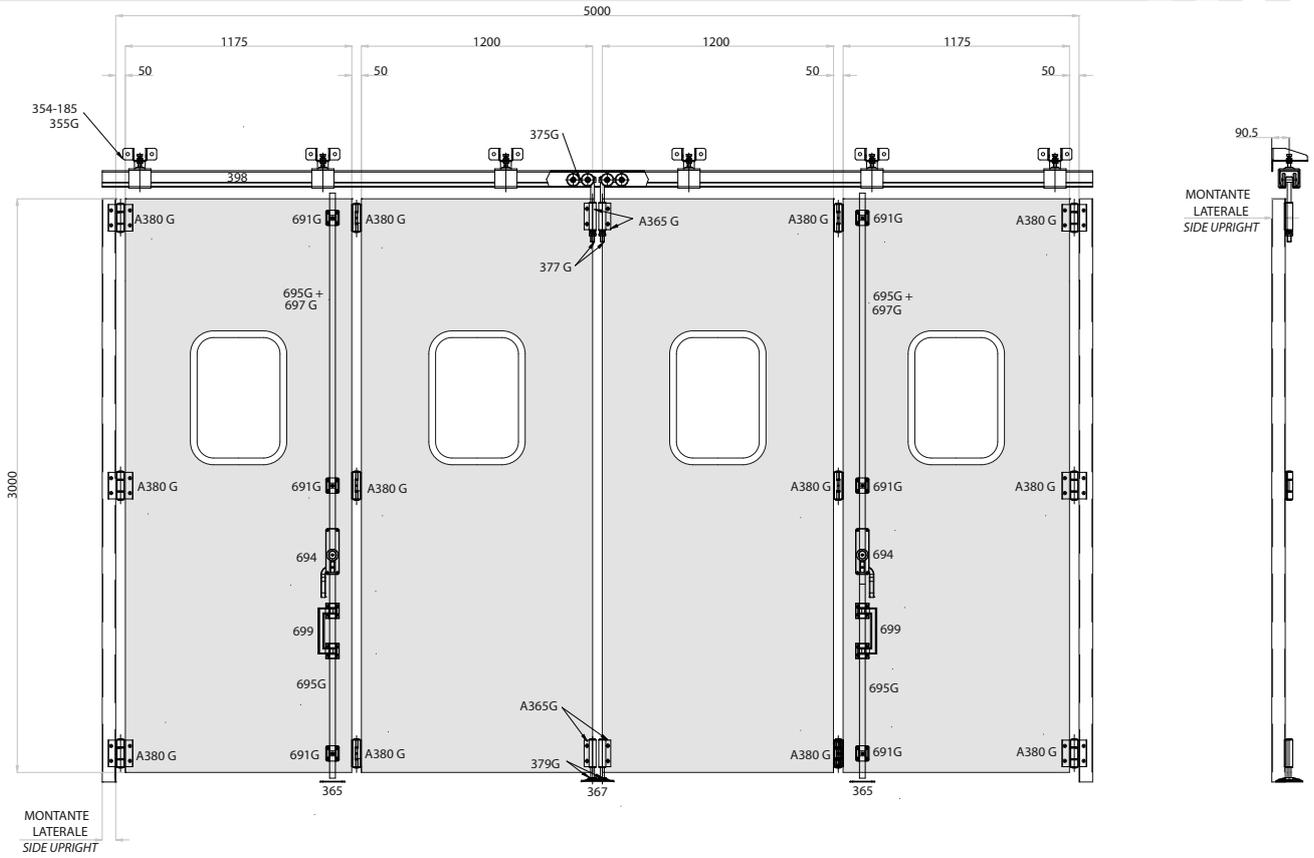
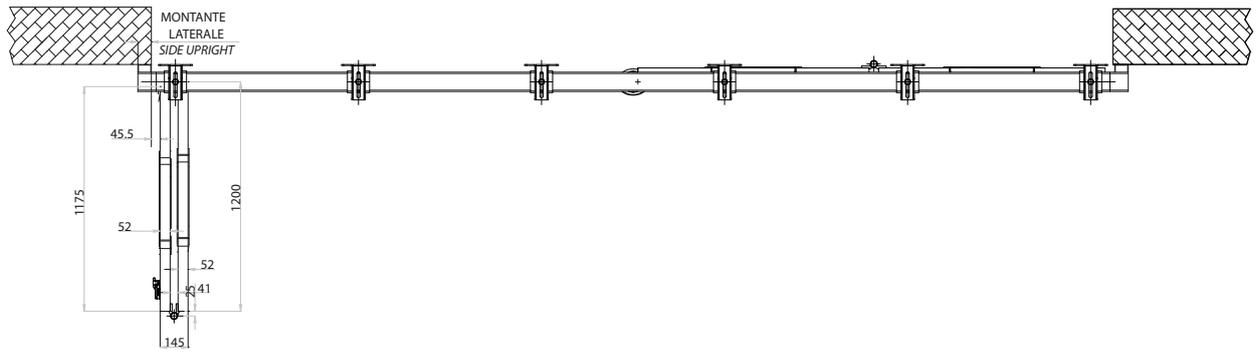
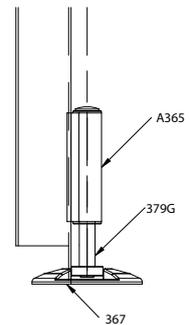
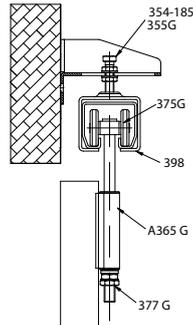
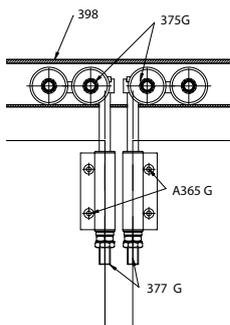


Diagram with open/closed doors



Technical details



Suggested KIT

	ART.	DESCRIPTION	Box info Pcs per pack	PAG.
	398	Large galvanized upper guide for trolleys with four wheels / Rail supérieur pour chariots 4 galets grands zingues / Obere laufschiene für rollenapparate mit 4 rollen gross verzinkt / Monocarril superior grande galvanizado para carros con 4 ruedas / Верхний монорельс для тележек с 4 колесами большой оцинкованный	1 (6.0 m)	311
	354-185	Adjustable wall rod 185 mm. / Support réglable au mur mm. 185 / Regulierbarer wandbügel 185 mm / Placa regulable de pared 185 mm / Регулируемый настенный кронштейн мм 185	6	299
	355 G	Adjustable guide support / Support guide réglable / Regulierbare führung / Soporte guía regulable / Опора регулируемой направляющей	6	300
	375 G	Large steels trolley with four wheels for pin, 20 mm. / Chariot grand a 4 galets en acier pour pivot de mm. 20 / Rollenapparat gross mit 4 stahlrollen für bolzen 20 mm / Carro grande con 4 ruedas de acero para perno de 20 mm / Большая тележка 4 стальными колесами для штифта мм 20	2	307
	694 MC	Large star lever bolt / Cremone star grande / Treibriegel star gross / Falleba star grande / Большой болтовой рычаг star	1 DX + 1 SX	321
	699	Nylon pull handle with guides / Poignée d'entraînement en nylon avec traversants / Nylongriff zum ziehen mit laschen / Tirador de nylon con puentes / Ручка из нейлона со сквозными направляющими	2	323
	695 G	Closing tubular rod 30x10 / Tringle tubulaire de fermeture 30x10 / Rohrverschlussstange 30x10 / Varilla de cierre tubular 30x10 / Закрывающий стержень трубчатый 30x10	2 (1.20 m) + 2 (3.0 m)	322
	691 G	Rod guide 30x10 / Traversant pour tringles 30x10 / Lasche für stangen 30x10 / Puente para varillas 30x10 / Сквозная направляющая для стержней 30x10	6	319
	365	Floor strike plate for rods / Butoir pour tringles / Auflaufschuh für stangen / Encuentro para varillas / Упор для стержней	2	303
	367	Black nylon floor strike plate, with steel reinforcement / Butoir au sol en nylon noir, avec renfort en acier / Bodenaufschlagschuh aus schwarzem nylon mit verstärkung aus stahl / Encuentro de nylon negro para suelo, con refuerzo de acero / Напольный упор из черного нейлона, со стальным укреплением	1	303
	A380 G	Large aluminium double hinge with steps / Paumelle double grande en aluminium avec butées / Doppelscharnier klein aus aluminium flach, ohne bolzen / Pernio doble grande de aluminio con topes / Большой двойной шарнир из алюминия с упорами	12	331
	377 G 330	Upper pin for trolleys / Pivot supérieur pour chariots / Oberer bolzen für rollenapparate / Perno superior para carros / Верхний штырь для тележек	2	307
	379 G 135	Adjustable lower pin with bearing / Pivot inférieur réglable avec roulement / Regulierbarer unterer bolzen mit kugellager / Perno inferior regulable con rodamiento / Нижний регулируемый штифт с подшипником	2	305
	239	Door leaf suppperper / Embout d'amortissage vantaux / Stossdämpfer für türe / Amortiguador hojas / Амортизирующая пробка створки	2	295

2+2 Side folding panels with small hinges / 2+2 Vantaux ramassage latéral avec paumelles petites
 / 2+2 Flügel seitliche paket-lagerung mit rollenapparat mit kleinen bändern / 2+2 Hojas plegables
 con pernios pequeños / 2+2 Створки с боковой заверткой с малыми шарнирами

Diagram with closed doors

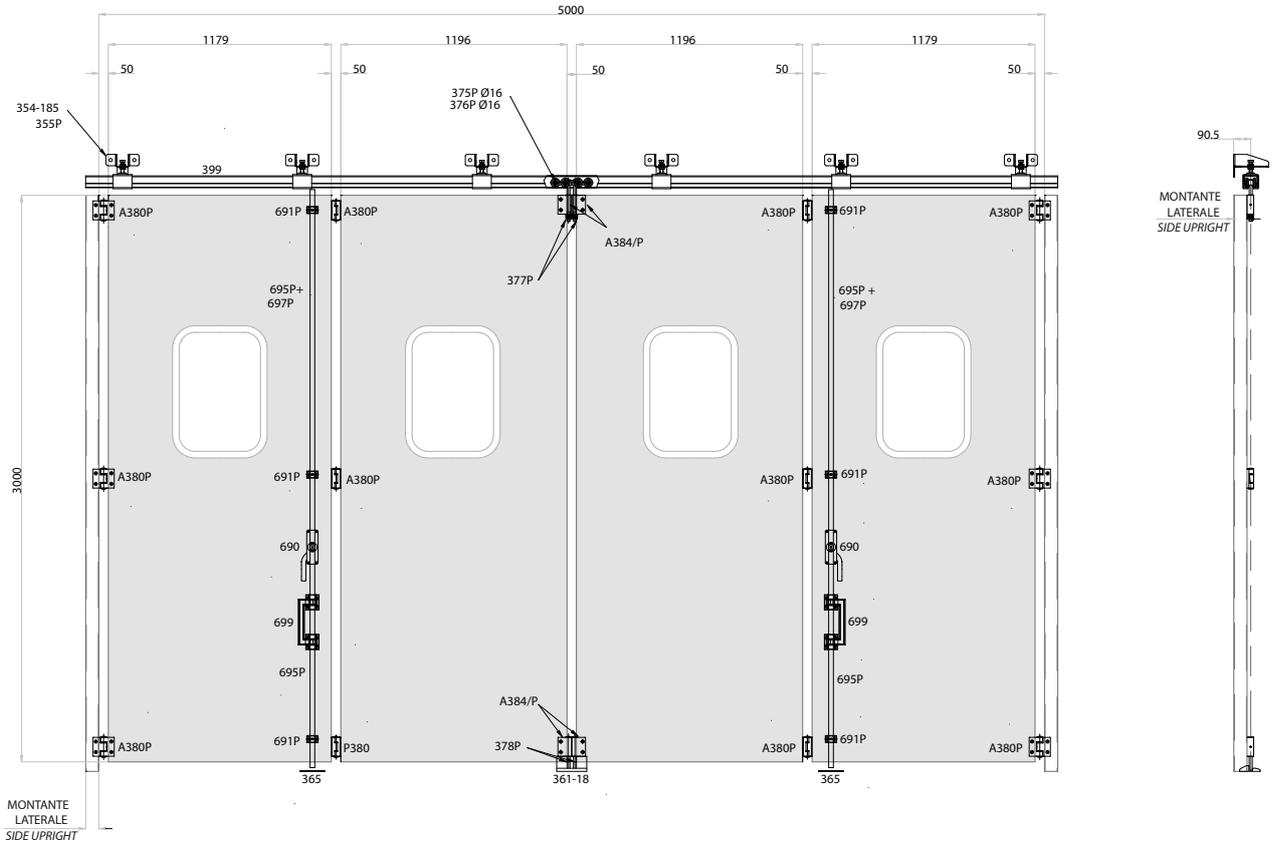
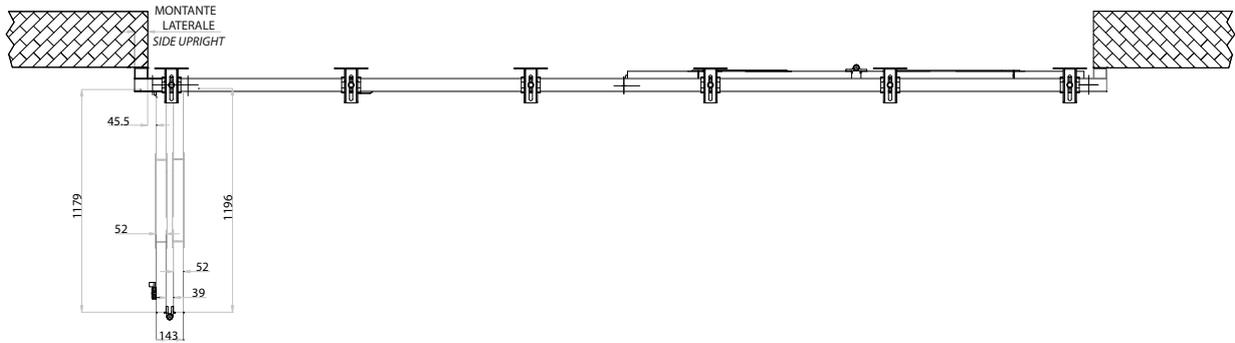
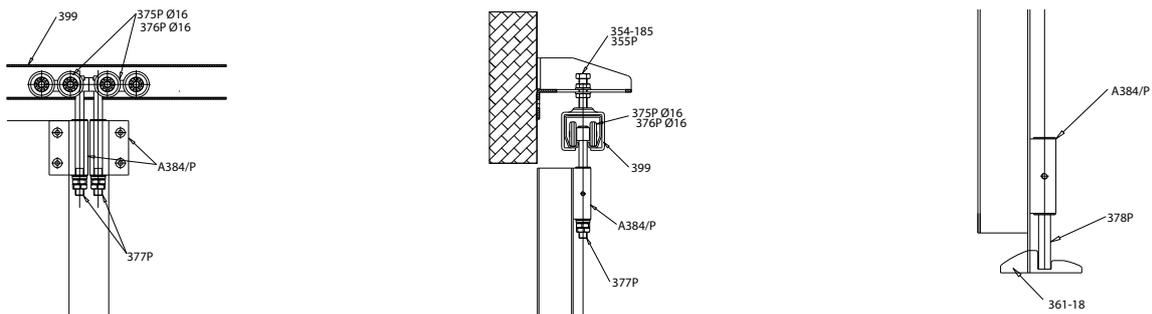


Diagram with open/closed doors



Technical details



Suggested KIT

	ART.	DESCRIPTION	Box info Pcs per pack	PAG.
	399	Small galvanized upper guide for trolleys with four wheels / Rail supérieur pour chariots 4 galets petits zingues / Obere laufschiene für rollenapparate mit 4 rollen klein verzinkt / Monocarril superior pequeño galvanizado para carros con 4 ruedas / Верхний монорельс для тележек с 4 колесами малый оцинкованный	1 (6.0 m)	311
	354-185	Adjustable wall rod 185 mm. / Support réglable au mur mm. 185 / Regulierbarer wandbügel 185 mm / Placa regulable de pared 185 mm / Регулируемый настенный кронштейн мм 185	6	299
	355 P	Adjustable guide support / Support guide réglable / Regulierbare führung / Soporte guía regulable / Опора регулируемой направляющей	6	300
	375 P16 / 376 P16	Small steel trolley with four wheels - nylon / Chariot petit a 4 galets en acier - nylon / Rollenapparat klein mit 4 stahlrollen - nylonrollen / Carro pequeño con 4 ruedas de acero - nylon / Маленькая тележка с 4 нейлоновыми/стальными колесами	2	307
	690	Small star lever bolt / Cremone star petite / Treibriegel star klein / Falleba star pequeña / Малый болтовой рычаг star	1 DX + 1 SX	318
	699	Nylon pull handle with guides / Poignée d'entraînement en nylon avec traversants / Nylongriff zum ziehen mit laschen / Tirador de nylon con puentes / Ручка из нейлона со сквозными направляющими	2	323
	695 P	Closing tubular rod 25x10 / Tringle tubulaire de fermeture 25x10 / Rohrverschlussstange 25x10 / Varilla de cierre tubular 25x10 / Закрывающий стержень трубчатый 25x10	2 (1.20 m) + 2 (3.0 m)	322
	691 P	Rod guide 30x10 / Traversant pour tringles 30x10 / Lasche für stangen 30x10 / Puente para varillas 30x10 / Сквозная направляющая для стержней 30x10	6	319
	365	Floor strike plate for rods / Butoir pour tringles / Auflaufschuh für stangen / Encuentro para varillas / Упор для стержней	2	303
	361 P	Aluminium floor strike plate / Butoir au sol en aluminium / Bodenauflaufschuh aus aluminium / Encuentro de aluminio para el suelo / Алюминиевый напольный упор	1	302
	A380 P	Small aluminium double hinge with steps / Paumelle double petite en aluminium avec butees / Doppelscharnier klein aus aluminium mit stützen / Pernio doble pequeño de aluminio con topes / Малый двойной шарнир из алюминия с упорами	12	327
	A384 P	Small flat aluminium hinge / Paumelle simple petite en aluminium plate / Doppelscharnier gross aus aluminium mit stützen, ohne bolzen / Pernio pequeño de aluminio chato / Малый плоский одинарный шарнир из алюминия	4	328
	377 P	Upper pin for trolleys / Pivot supérieur pour chariots / Oberer bolzen für rollenapparate / Perno superior para carros / Верхний штырь для тележек	2	307
	378 P	Adjustable lower pin / Pivot inférieure réglable / Unterer bolzen Regulierbar / Perno inferior regulable / Нижний регулируемый штифт	2	305

2+1 Folding side panels with steel 4 wheel trolley / 2+1 Vantaux ramassage latéral avec chariot à 4 galets en acier / 2+1 Flügel seitliche paket-lagerung mit vierrädrigem laufwerk aus stahl / 2+1 Hojas plegables con carro 4 ruedas de acero / 2+1 Створки с боковой заверткой с тележкой с 4 стальными колесами

Diagram with closed doors

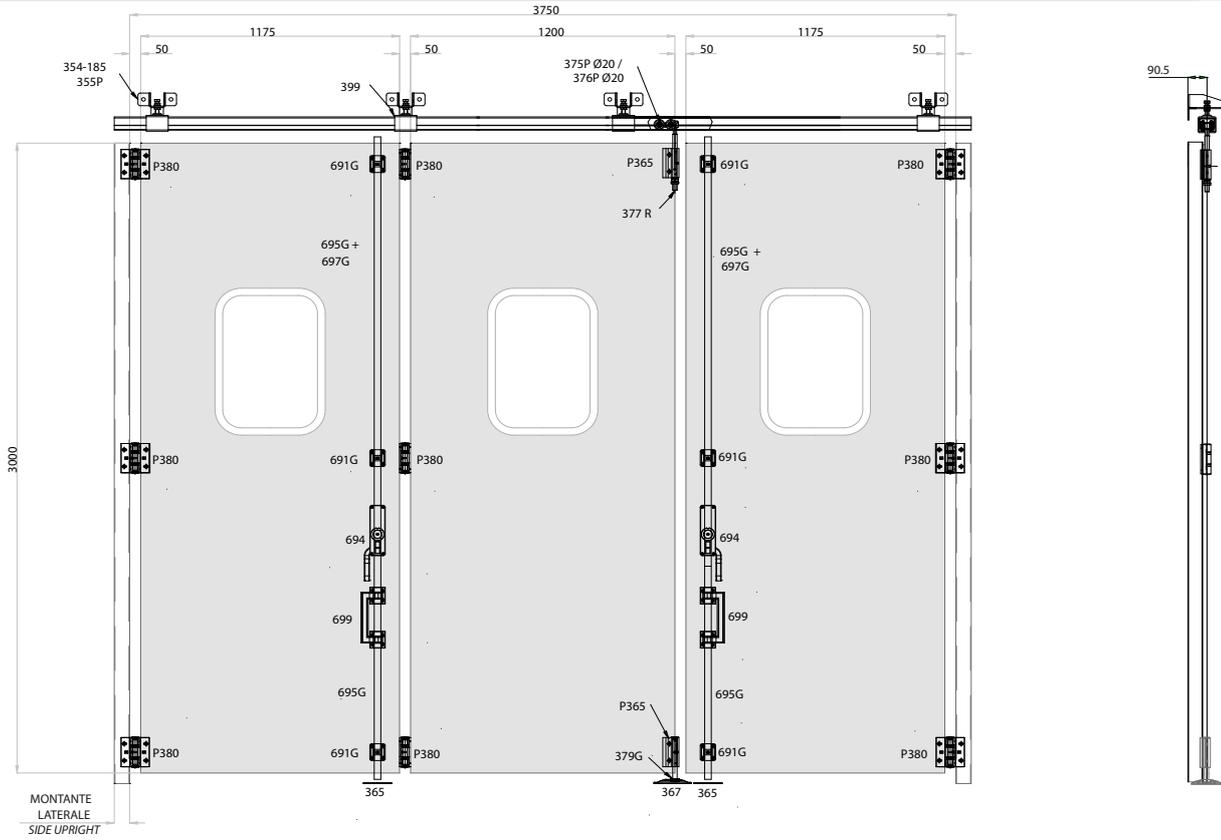
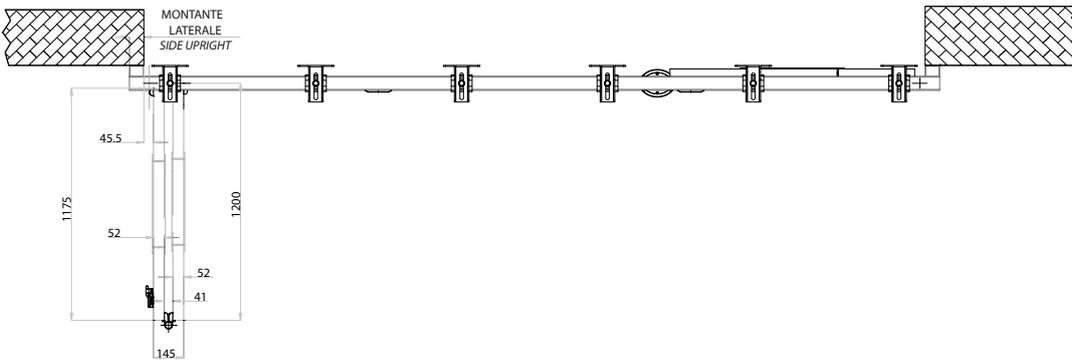
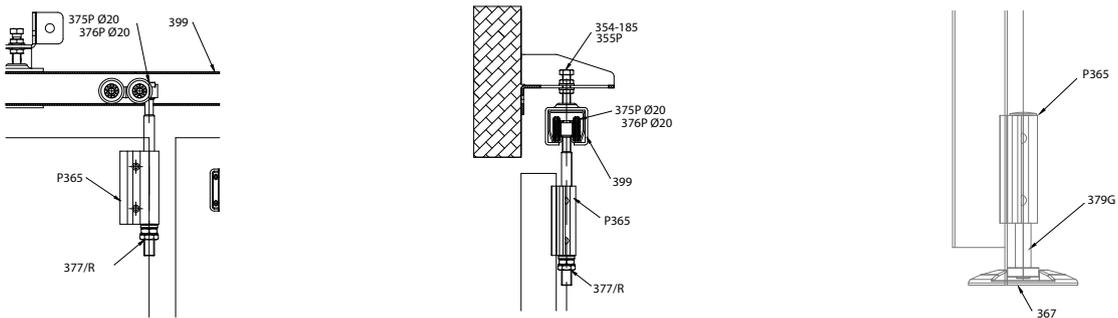


Diagram with open/closed doors



Technical details



Suggested KIT

	ART.	DESCRIPTION	Box info Pcs per pack	PAG.
	399	Small galvanized upper guide for trolleys with four wheels / Rail supérieur pour chariots 4 galets petite zingues / Obere Laufschiene für Rollenapparate mit 4 Rollen klein verzinkt / Monocarril superior pequeño galvanizado para carros con 4 ruedas / Верхний монорельс для тележек с 4 колесами малый оцинкованный	1 (6.0 m)	311
	354-185	Adjustable wall rod 185 mm. / Support réglable au mur mm. 185 / Regulierbarer wandbügel 185 mm / Placa regulable de pared 185 mm / Регулируемый настенный кронштейн мм 185	4	299
	355 P	Adjustable guide support / Support guide réglable / Regulierbare führung / Soporte guía regulable / Опора регулируемой направляющей	4	300
	375 P20 / 376 P20	Small steel trolley with four wheels - nylon / Chariot petit a 4 galets en acier - nylon / Rollenapparat klein mit 4 stahlrollen - nylonrollen / Carro pequeño con 4 ruedas de acero - nylon / Маленькая тележка с 4 нейлоновыми/стальными колесами	1	307
	694 MC	Large star lever bolt / Cremone star grande / Treibriegel star gross / Falleba star grande / Большой болтовой рычаг star	1 DX + 1 SX	321
	699	Nylon pull handle with guides / Poignee d'entrainement en nylon avec traversants / Nylongriff zum ziehen mit laschen / Tirador de nylon con puentes / Ручка из нейлона со сквозными направляющими	2	323
	695 G	Closing tubular rod 30x10 / Tringle tubulaire de fermeture 30x10 / Rohrverschlussstange 30x10 / Varilla de cierre tubular 30x10 / Закрывающий стержень трубчатый 30x10	2 (1.20 m) + 2 (3.0 m)	322
	691 G	Rod guide 30x10 / Traversant pour tringles 30x10 / Lasche für stangen 30x10 / Puente para varillas 30x10 / Сквозная направляющая для стержней 30x10	6	319
	365	Floor strike plate for rods / Butoir pour tringles / Auflaufschuh für stangen / Encuentro para varillas / Упор для стержней	2	303
	367	Black nylon floor strike plate, with steel reinforcement / Butoir au sol en nylon noir, avec renfort en acier / Bodenaufschuh aus schwarzem nylon mit verstärkung aus stahl / Encuentro de nylon negro para suelo, con refuerzo de acero / Напольный упор из черного нейлона, со стальным укреплением	1	303
	P380	Die-cast aluminium double hinge with steps / Paumelle double en aluminium moulee avec butees / Doppelscharnier aus alu-druckguss flach, ohne bolzen / Pernio doble de aluminio fundido a presión con topes / Плоский двойной шарнир из литого алюминия с упорами	9	331
	P365	Die-cast aluminium hinge with off-centre step / Paumelle simple en aluminium moulee avec butee desaxee / Einzel-scharnier gross aus aluminium mit stütze / Pernio de aluminio fundido a presión con tope descentrado / Одинарный шарнир из литого алюминия с упором, смещенный	2	329
	377 R	Lowered upper pin / Pivot supérieur surbaisse / Oberer bolzen herabgesenkt / Perno superior rebajado / Верхний штырь пониженный	1	308
	379 G 135	Adjustable lower pin with bearing / Pivot inférieur réglable avec roulement / Regulierbarer unterer bolzen mit kugellager / Perno inferior regulable con rodamiento / Нижний регулируемый штифт с подшипником	1	305
	239	Door leaf suppperper / Embout d'amortissage vantaux / Stossdämpfer für türe / Amortiguador hojas / Амортизирующая пробка створки	1	295

2+1 Side folding panels with small hinges / 2+1 Vantaux ramassage latéral avec paumelles petites
 / 2+1 Flügel seitliche paket-lagerung mit rollenapparat mit kleinen bändern / 2+1 Hojas plegables
 con pernios pequeños / 2+1 Створки с боковой заверткой с малыми шарнирами

Diagram with closed doors

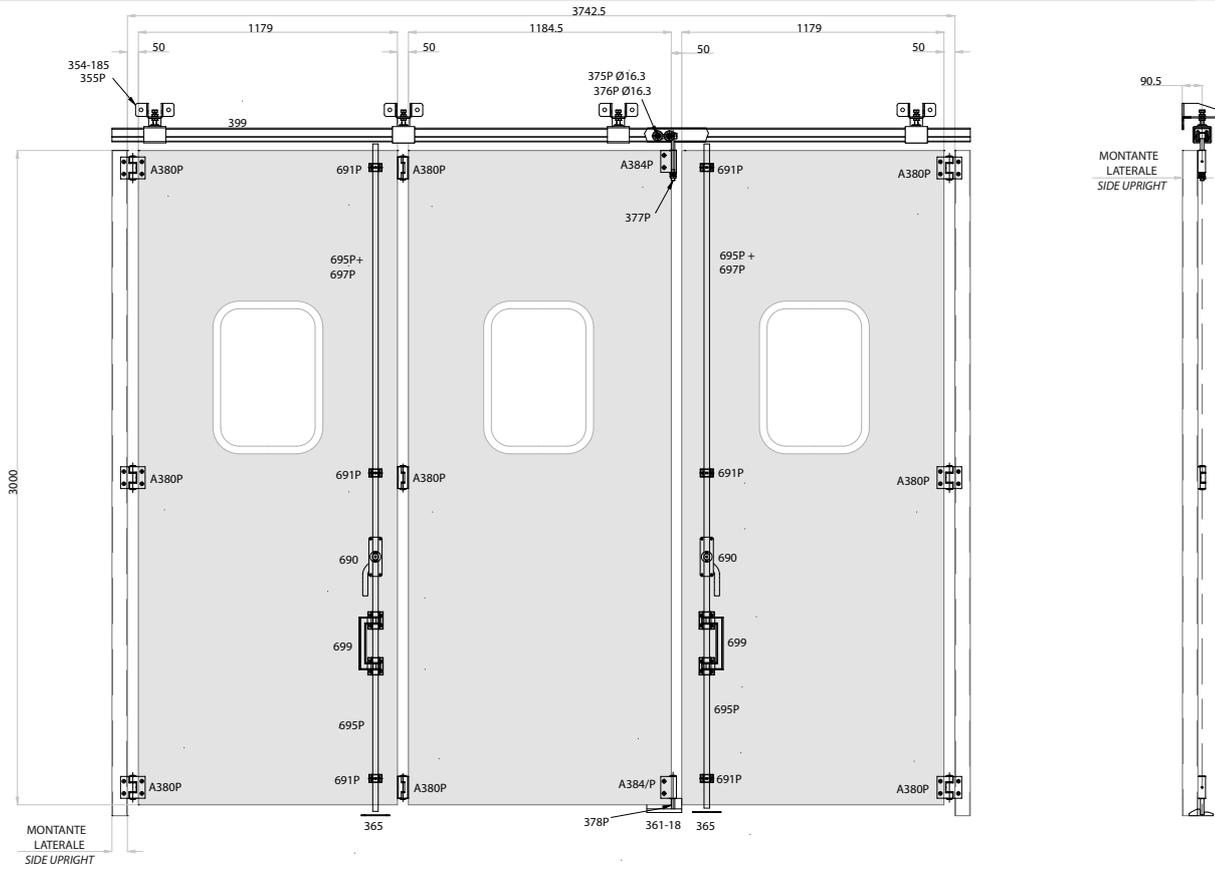
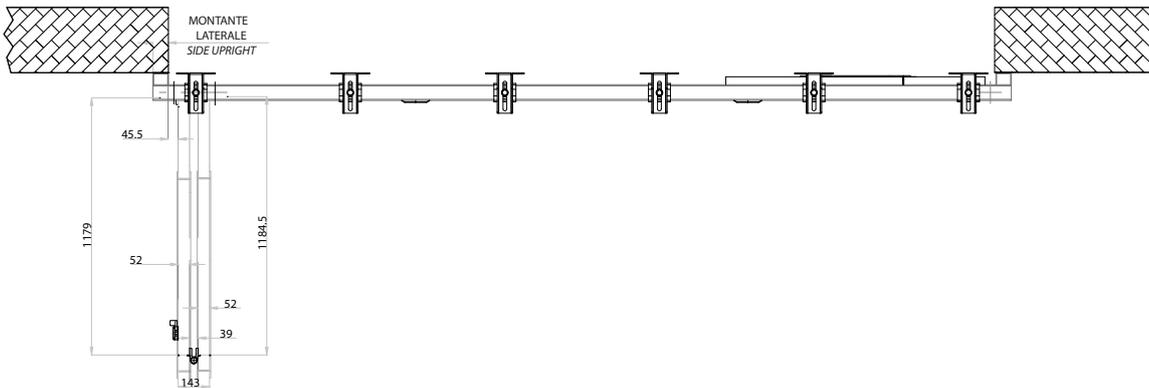
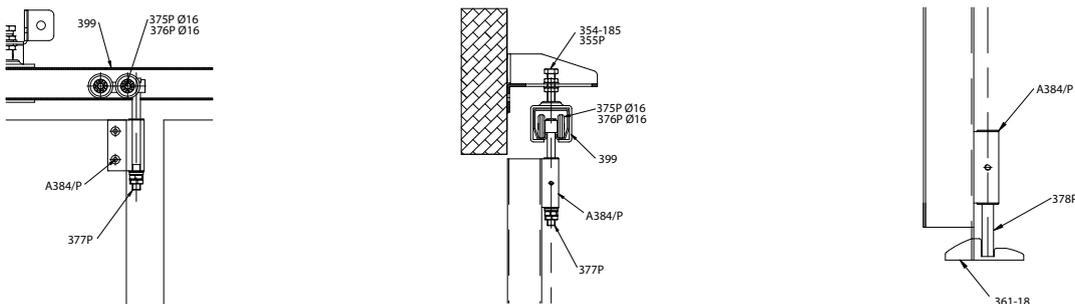


Diagram with open/closed doors



Technical details



Suggested KIT

	ART.	DESCRIPTION	Box info Pcs per pack	PAG.
	399	Small galvanized upper guide for trolleys with four wheels / Rail supérieur pour chariots 4 galets petits zingues / Obere laufschiene für rollenapparate mit 4 rollen klein verzinkt / Monocarril superior pequeño galvanizado para carros con 4 ruedas / Верхний монорельс для тележек с 4 колесами малый оцинкованный	1 (6.0 m)	311
	354-185	Adjustable wall rod 185 mm. / Support réglable au mur mm. 185 / Regulierbarer wandbügel 185 mm / Placa regulable de pared 185 mm / Регулируемый настенный кронштейн мм 185	4	299
	355 P	Adjustable guide support / Support guide réglable / Regulierbare führung / Soporte guía regulable / Опора регулируемой направляющей	4	300
	375 P16 / 376 P16	Small steel trolley with four wheels - nylon / Chariot petit a 4 galets en acier - nylon / Rollenapparat klein mit 4 stahlrollen - nylonrollen / Carro pequeño con 4 ruedas de acero - nylon / Маленькая тележка с 4 нейлоновыми/стальными колесами	1	307
	690	Small star lever bolt / Cremone star petite / Treibriegel star klein / Falleba star pequeña / Малый болтовой рычаг star	1 DX + 1 SX	318
	699	Nylon pull handle with guides / Poignée d'entraînement en nylon avec traversants / Nylongriff zum ziehen mit laschen / Tirador de nylon con puentes / Ручка из нейлона со сквозными направляющими	2	323
	695 P	Closing tubular rod 25x10 / Tringle tubulaire de fermeture 25x10 / Rohrverschlussstange 25x10 / Varilla de cierre tubular 25x10 / Закрывающий стержень трубчатый 25x10	2 (1.20 m) + 2 (3.0 m)	322
	691 P	Rod guide 30x10 / Traversant pour tringles 30x10 / Lasche für stangen 30x10 / Puente para varillas 30x10 / Сквозная направляющая для стержней 30x10	6	319
	365	Floor strike plate for rods / Butoir pour tringles / Auflaufschuh für stangen / Encuentro para varillas / Упор для стержней	2	303
	361 P	Aluminium floor strike plate / Butoir au sol en aluminium / Bodenauflaufschuh aus aluminium / Encuentro de aluminio para el suelo / Алюминиевый напольный упор	1	302
	A380 P	Small aluminium double hinge with steps / Paumelle double petite en aluminium avec butees / Doppelscharnier klein aus aluminium mit stützen / Pernio doble pequeño de aluminio con topes / Малый двойной шарнир из алюминия с упорами	9	327
	A384 P	Small flat aluminium hinge / Paumelle simple petite en aluminium plate / Doppelscharnier gross aus aluminium mit stützen, ohne bolzen / Pernio pequeño de aluminio chato / Малый плоский одинарный шарнир из алюминия	2	328
	377 P	Upper pin for trolleys / Pivot supérieur pour chariots / Oberer bolzen für rollenapparate / Perno superior para carros / Верхний штырь для тележек	1	307
	378 P	Adjustable lower pin / Pivot inférieur réglable / Unterer bolzen Regulierbar / Perno inferior regulable / Нижний регулируемый штифт	1	305

2+2 180° Folding panels with 4 wheel trolley / 2+2 Vantaux ramassage 180° avec chariot à 4 galets / 2+2 Flügel 180° paket-lagerung mit vierrädrigem rollenapparat / 2+2 Hojas plegables 180° con carro 4 ruedas / 2+2 Створки с завороткой 180° с тележкой 4 колеса

Diagram with closed doors

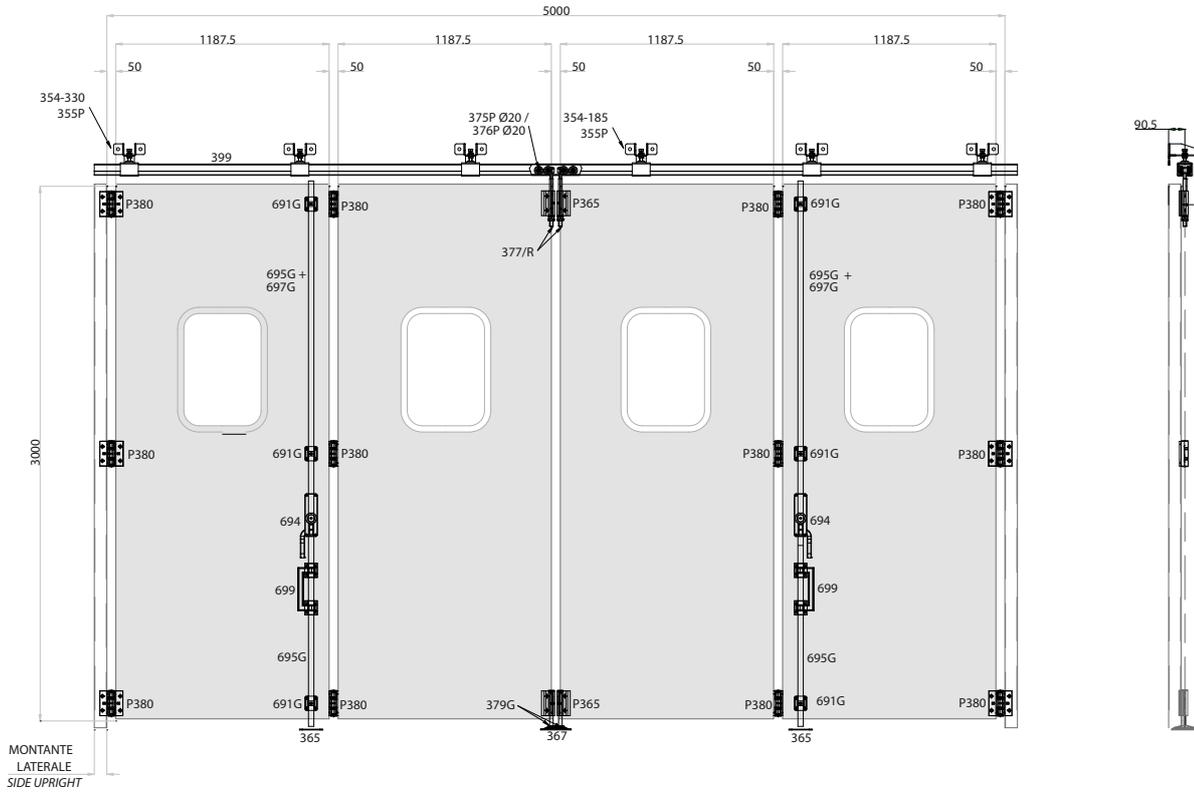
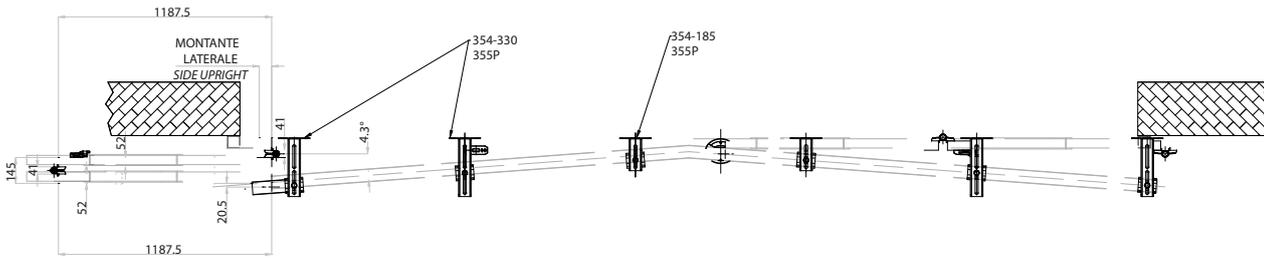
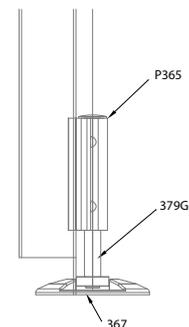
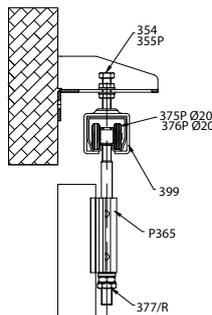
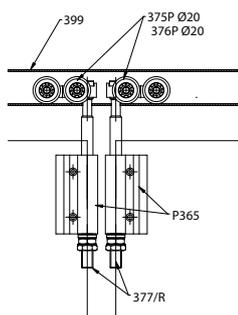


Diagram with open/closed doors



Technical details



Suggested KIT

	ART.	DESCRIPTION	Box info Pcs per pack	PAG.
	399	Small galvanized upper guide for trolleys with four wheels / Rail supérieur pour chariots 4 galets petits zingues / Obere laufschiene für rollenapparate mit 4 rollen klein verzinkt / Monocarril superior pequeño galvanizado para carros con 4 ruedas / Верхний монорельс для тележек с 4 колесами малый оцинкованный	1 (6.0 m)	311
	354-185	Adjustable wall rod 185 mm. / Support réglable au mur mm. 185 / Regulierbarer wandbügel 185 mm / Placa regulable de pared 185 mm / Регулируемый настенный кронштейн мм 185	2	299
	354-330	Adjustable wall rod 330 mm. / Support c au mur mm. 330 / Regulierbarer wandbügel 330 mm / Placa regulable de pared 330 mm / Регулируемый настенный кронштейн мм 330	4	299
	355 P	Adjustable guide support / Support guide réglable / Regulierbare führung / Soporte guía regulable / Опора регулируемой направляющей	6	300
	375 P20 / 376 P20	Small steel trolley with four wheels - nylon / Chariot petit a 4 galets en acier - nylon / Rollenapparat klein mit 4 stahlrollen - nylonrollen / Carro pequeño con 4 ruedas de acero - nylon / Маленькая тележка с 4 нейлоновыми/стальными колесами	2	307
	694 MC	Large star lever bolt / Cremone star grande / Treibriegel star gross / Falleba star grande / Большой болтовой рычаг star	1 DX + 1 SX	321
	699	Nylon pull handle with guides / Poignée d'entraînement en nylon avec traversants / Nylongriff zum ziehen mit laschen / Tirador de nylon con puentes / Ручка из нейлона со сквозными направляющими	2	323
	695 G	Closing tubular rod 30x10 / Tringle tubulaire de fermeture 30x10 / Rohrverschlussstange 30x10 / Varilla de cierre tubular 30x10 / Закрывающий стержень трубчатый 30x10	2 (1.20 m) + 2 (3.0 m)	322
	691 G	Rod guide 30x10 / Traversant pour tringles 30x10 / Lasche für stangen 30x10 / Puente para varillas 30x10 / Сквозная направляющая для стержней 30x10	6	319
	365	Floor strike plate for rods / Butoir pour tringles / Auflaufschuh für stangen / Encuentro para varillas / Упор для стержней	2	303
	367	Black nylon floor strike plate, with steel reinforcement / Butoir au sol en nylon noir, avec renfort en acier / Bodenaufschuh aus schwarzem nylon mit verstärkung aus stahl / Encuentro de nylon negro para suelo, con refuerzo de acero / Напольный упор из черного нейлона, со стальным укреплением	1	303
	P380	Die-cast aluminium double hinge with steps / Paumelle double en aluminium moulee avec butees / Doppelscharnier aus alu-druckguss flach, ohne bolzen / Pernio doble de aluminio fundido a presión con topes / Плоский двойной шарнир из литого алюминия с упорами	12	331
	P365	Die-cast aluminium hinge with off-centre step / Paumelle simple en aluminium moulee avec butee desaxee / Einzel-scharnier gross aus aluminium mit stütze / Pernio de aluminio fundido a presión con tope descentrado / Одинарный шарнир из литого алюминия с упором, смещенный	4	329
	377 R	Lowered upper pin / Pivot supérieur surbaisse / Oberer bolzen herabgesenkt / Perno superior rebajado / Верхний штырь пониженный	2	308
	379 G 135	Adjustable lower pin with bearing / Pivot inférieur réglable avec roulement / Regulierbarer unterer bolzen mit kugellager / Perno inferior regulable con rodamiento / Нижний регулируемый штифт с подшипником	2	305
	239	Door leaf suppperper / Embout d'amortissage vantaux / Stossdämpfer für türe / Amortiguador hojas / Амортизирующая пробка створки	2	295

2+2 180° Folding panels with heavy steel trolley / 2+2 Vantaux ramassage 180° avec chariot en acier lourd / 2+2 Flügel 180° paket-lagerung mit rollenapparat aus schwerem stahl / 2+2 Hojas plegables 180° con carro de acero pesado / 2+2 Створки с заверткой 180° с тяжелой тележкой из стали

Diagram with closed doors

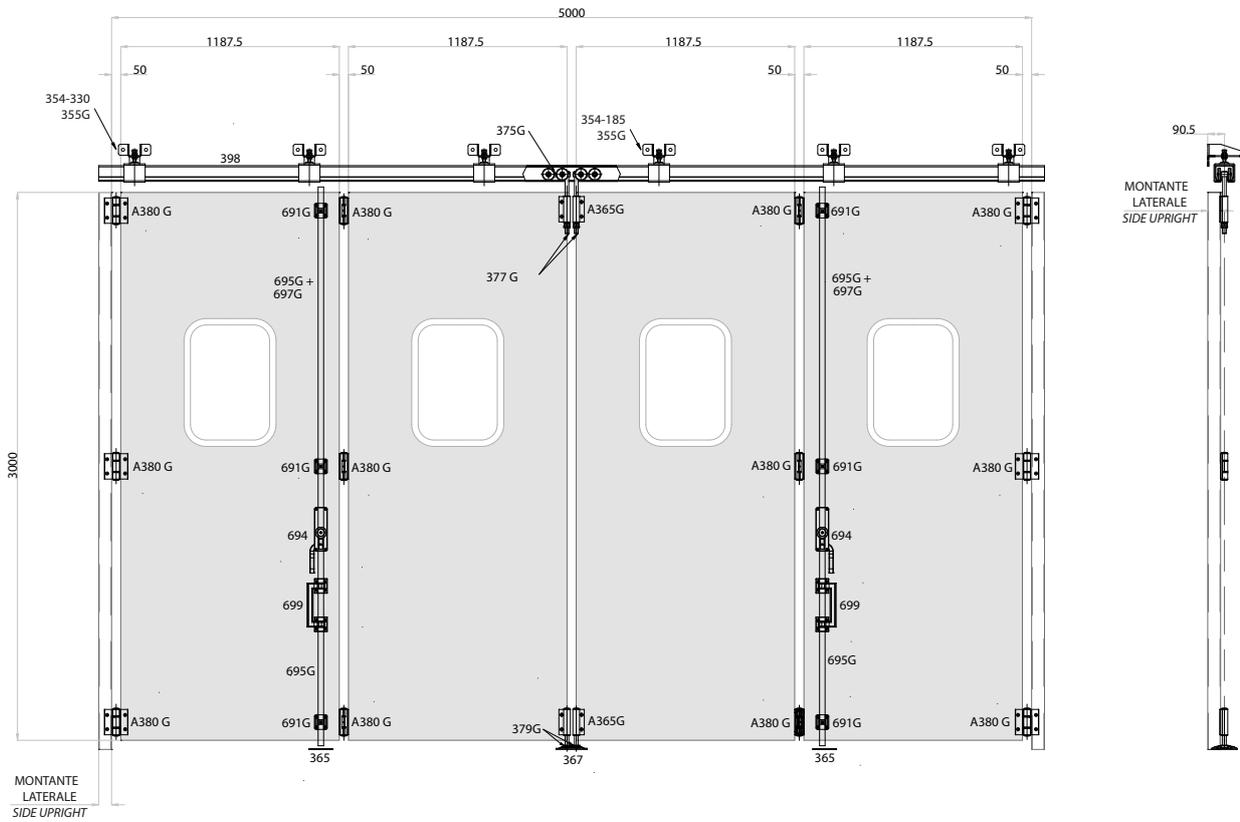
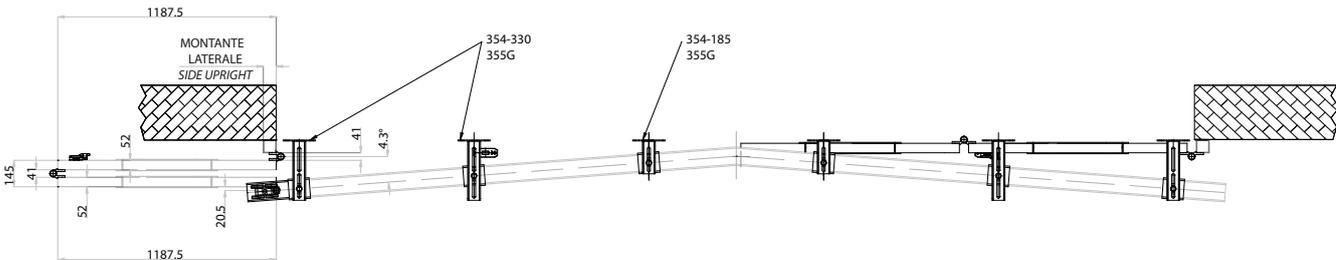
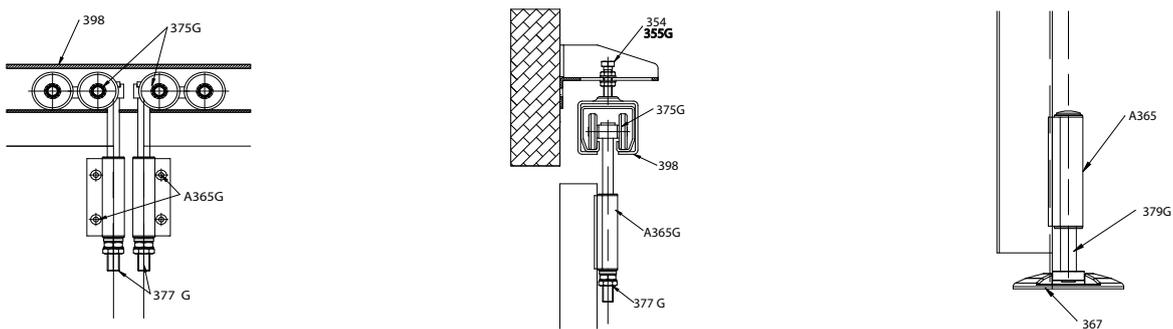


Diagram with open/closed doors



Technical details



Suggested KIT

	ART.	DESCRIPTION	Box info Pcs per pack	PAG.
	398	Large galvanized upper guide for trolleys with four wheels / Rail supérieur pour chariots 4 galets grands zingues / Obere laufschiene für rollenapparate mit 4 rollen gross verzinkt / Monocarril superior grande galvanizado para carros con 4 ruedas / Верхний монорельс для тележек с 4 колесами большой оцинкованный	1 (6.0 m)	311
	354-185	Adjustable wall rod 185 mm. / Support réglable au mur mm. 185 / Regulierbarer wandbügel 185 mm / Placa regulable de pared 185 mm / Регулируемый настенный кронштейн мм 185	2	299
	354-330	Adjustable wall rod 330 mm. / Support c au mur mm. 330 / Regulierbarer wandbügel 330 mm / Placa regulable de pared 330 mm / Регулируемый настенный кронштейн мм 330	4	299
	355 G	Adjustable guide support / Support guide réglable / Regulierbare führung / Soporte guía regulable / Опора регулируемой направляющей	6	300
	375 G	Large steels trolley with four wheels for pin, 20 mm. / Chariot grand a 4 galets en acier pour pivot de mm. 20 / Rollenapparat gross mit 4 stahlrollen für bolzen 20 mm / Carro grande con 4 ruedas de acero para perno de 20 mm / Большая тележка 4 стальными колесами для штифта мм 20	2	307
	694 MC	Large star lever bolt / Cremone star grande / Treibriegel star gross / Falleba star grande / Большой болтовой рычаг star	1DX + 1SX	321
	699	Nylon pull handle with guides / Poignée d'entraînement en nylon avec traversants / Nylongriff zum ziehen mit laschen / Tirador de nylon con puentes / Ручка из нейлона со сквозными направляющими	2	323
	695 G	Closing tubular rod 30x10 / Tringle tubulaire de fermeture 30x10 / Rohrverschlussstange 30x10 / Varilla de cierre tubular 30x10 / Закрывающий стержень трубчатый 30x10	2 (1.20 m) + 2 (3.0 m)	322
	691 G	Rod guide 30x10 / Traversant pour tringles 30x10 / Lasche für stangen 30x10 / Puente para varillas 30x10 / Сквозная направляющая для стержней 30x10	6	319
	365	Floor strike plate for rods / Butoir pour tringles / Auflaufschuh für stangen / Encuentro para varillas / Упор для стержней	2	303
	367	Black nylon floor strike plate, with steel reinforcement / Butoir au sol en nylon noir, avec renfort en acier / Bodenaufschuh aus schwarzem nylon mit verstärkung aus stahl / Encuentro de nylon negro para suelo, con refuerzo de acero / Напольный упор из черного нейлона, со стальным укреплением	1	303
	A380 G	Large aluminium double hinge with steps / Paumelle double grande en aluminium avec butées / Doppelscharnier klein aus aluminium flach, ohne bolzen / Pernio doble grande de aluminio con topes / Большой двойной шарнир из алюминия с упорами	12	326
	377 G 330	Upper pin for trolleys / Pivot supérieur pour chariots / Oberer bolzen für rollenapparate / Perno superior para carros / Верхний штырь для тележек	2	307
	379 G 135	Adjustable lower pin with bearing / Pivot inférieur réglable avec roulement / Regulierbarer unterer bolzen mit kugellager / Perno inferior regulable con rodamiento / Нижний регулируемый штифт с подшипником	2	305
	239	Door leaf suppperper / Embout d'amortissage vantaux / Stossdämpfer für türe / Amortiguador hojas / Амортизирующая пробка створки	2	295

2+1 180° Folding panels with 4 wheel trolley / 2+1 Vantaux ramassage 180° avec chariot à 4 galets / 2+1 Flügel 180° paket-lagerung mit vierrädrigem rollenapparat / 2+1 Hojas plegables 180° con carro 4 ruedas / 2+1 Створки с заверткой 180° с тележкой 4 колеса

Diagram with closed doors

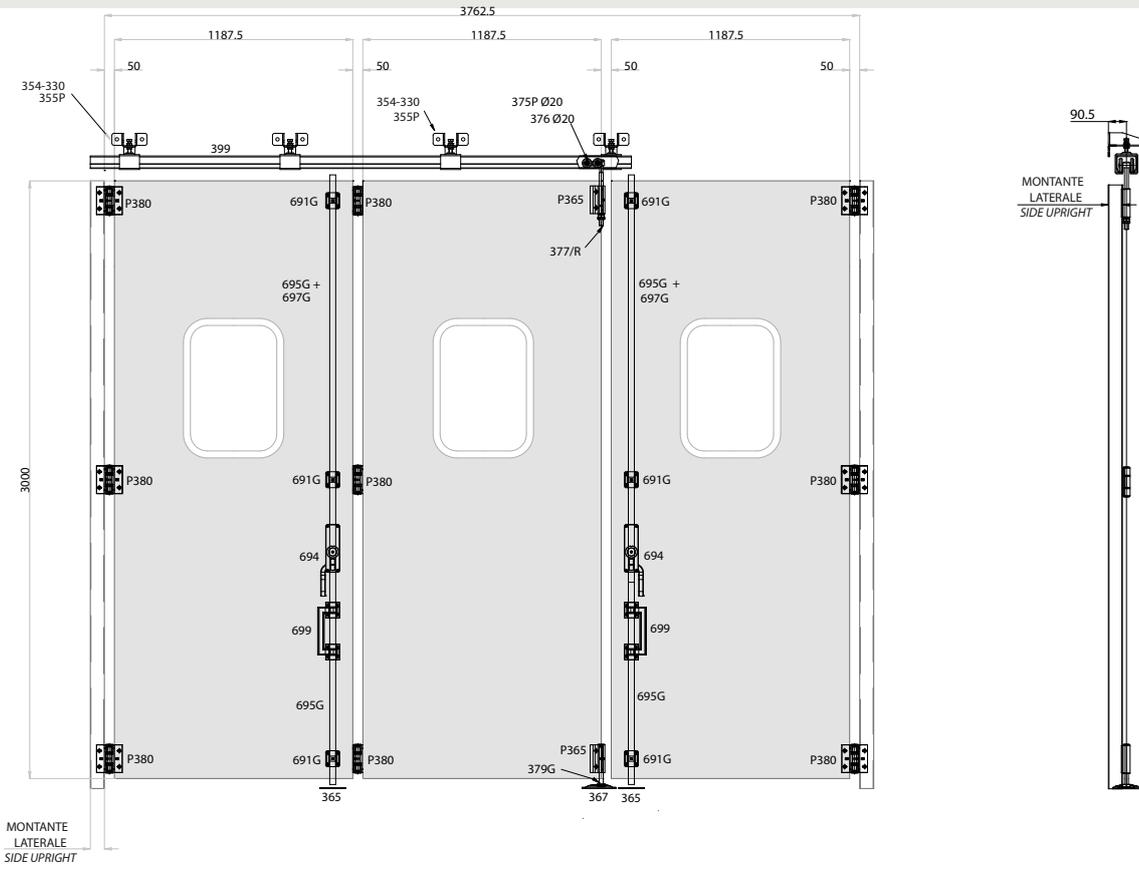
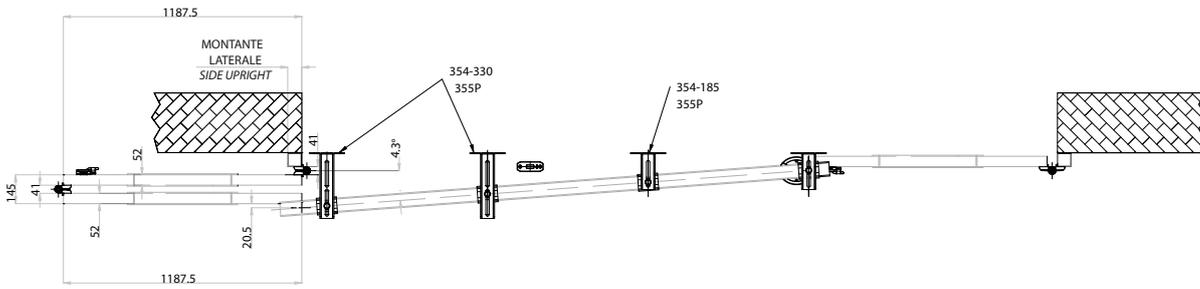
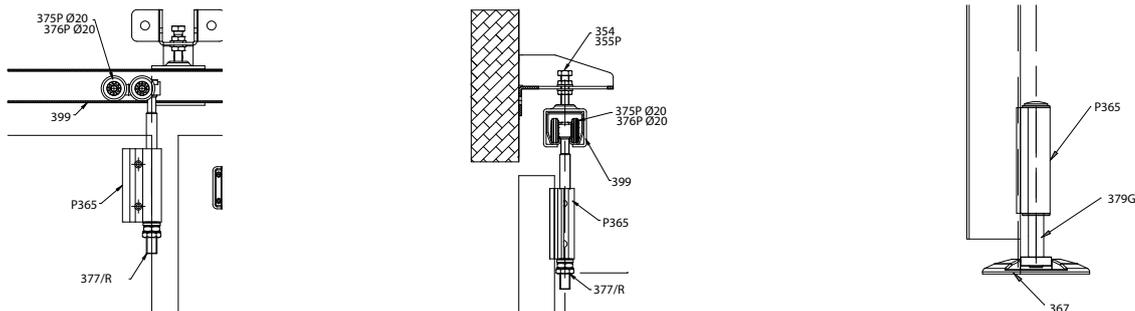


Diagram with open/closed doors



Technical details



Suggested KIT

	ART.	DESCRIPTION	Box info Pcs per pack	PAG.
	399	Small galvanized upper guide for trolleys with four wheels / Rail supérieur pour chariots 4 galets petits zingues / Obere laufschiene für rollenapparate mit 4 rollen klein verzinkt / Monocarril superior pequeño galvanizado para carros con 4 ruedas / Верхний монорельс для тележек с 4 колесами малый оцинкованный	1 (3.0 m)	311
	354-185	Adjustable wall rod 185 mm. / Support réglable au mur mm. 185 / Regulierbarer wandbügel 185 mm / Placa regulable de pared 185 mm / Регулируемый настенный кронштейн мм 185	2	299
	354-330	Adjustable wall rod 330 mm. / Support c au mur mm. 330 / Regulierbarer wandbügel 330 mm / Placa regulable de pared 330 mm / Регулируемый настенный кронштейн мм 330	2	299
	355 P	Adjustable guide support / Support guide réglable / Regulierbare führung / Soporte guía regulable / Опора регулируемой направляющей	4	300
	375 P20 / 376 P20	Small steel trolley with four wheels - nylon / Chariot petit a 4 galets en acier - nylon / Rollenapparat klein mit 4 stahlrollen - nylonrollen / Carro pequeño con 4 ruedas de acero - nylon / Маленькая тележка с 4 нейлоновыми/стальными колесами	1	307
	694 MC	Large star lever bolt / Cremone star grande / Treibriegel star gross / Falleba star grande / Большой болтовой рычаг star	1DX + 1SX	321
	699	Nylon pull handle with guides / Poignée d'entraînement en nylon avec traversants / Nylongriff zum ziehen mit laschen / Tirador de nylon con puentes / Ручка из нейлона со сквозными направляющими	2	323
	695 G	Closing tubular rod 30x10 / Tringle tubulaire de fermeture 30x10 / Rohrverschlussstange 30x10 / Varilla de cierre tubular 30x10 / Закрывающий стержень трубчатый 30x10	2 (1.20 m) + 2 (3.0 m)	322
	691 G	Rod guide 30x10 / Traversant pour tringles 30x10 / Lasche für stangen 30x10 / Puente para varillas 30x10 / Сквозная направляющая для стержней 30x10	6	319
	365	Floor strike plate for rods / Butoir pour tringles / Auflaufschuh für stangen / Encuentro para varillas / Упор для стержней	2	303
	367	Black nylon floor strike plate, with steel reinforcement / Butoir au sol en nylon noir, avec renfort en acier / Bodenaufschuh aus schwarzem nylon mit verstärkung aus stahl / Encuentro de nylon negro para suelo, con refuerzo de acero / Напольный упор из черного нейлона, со стальным укреплением	1	303
	P380	Die-cast aluminium double hinge with steps / Paumelle double en aluminium moulee avec butees / Doppelscharnier aus alu-druckguss flach, ohne bolzen / Pernio doble de aluminio fundido a presión con topes / Плоский двойной шарнир из литого алюминия с упорами	9	331
	P365	Die-cast aluminium hinge with off-centre step / Paumelle simple en aluminium moulee avec butee desaxee / Einzel-scharnier gross aus aluminium mit stütze / Pernio de aluminio fundido a presión con tope descentrado / Одинарный шарнир из литого алюминия с упором, смещенный	2	329
	377 R	Lowered upper pin / Pivot supérieur surbaisse / Oberer bolzen herabgesenkt / Perno superior rebajado / Верхний штырь пониженный	1	308
	379 G 135	Adjustable lower pin with bearing / Pivot inférieur réglable avec roulement / Regulierbarer unterer bolzen mit kugellager / Perno inferior regulable con rodamiento / Нижний регулируемый штифт с подшипником	1	305
	239	Door leaf suppperper / Embout d'amortissage vantaux / Stossdämpfer für türe / Amortiguador hojas / Амортизирующая пробка створки	1	295

3 + 1 Side folding panels with 4 wheel trolley / 3 + 1 Vantaux ramassage latéral avec chariot à 4 galets / 3 + 1 Flügel seitliche paket-lagerung mit vierrädrigem rollenapparat / 3+1 Hojas plegables con carro 4 ruedas / 3+1 Створки с боковой заверткой с тележкой 4 колеса

Diagram with closed doors

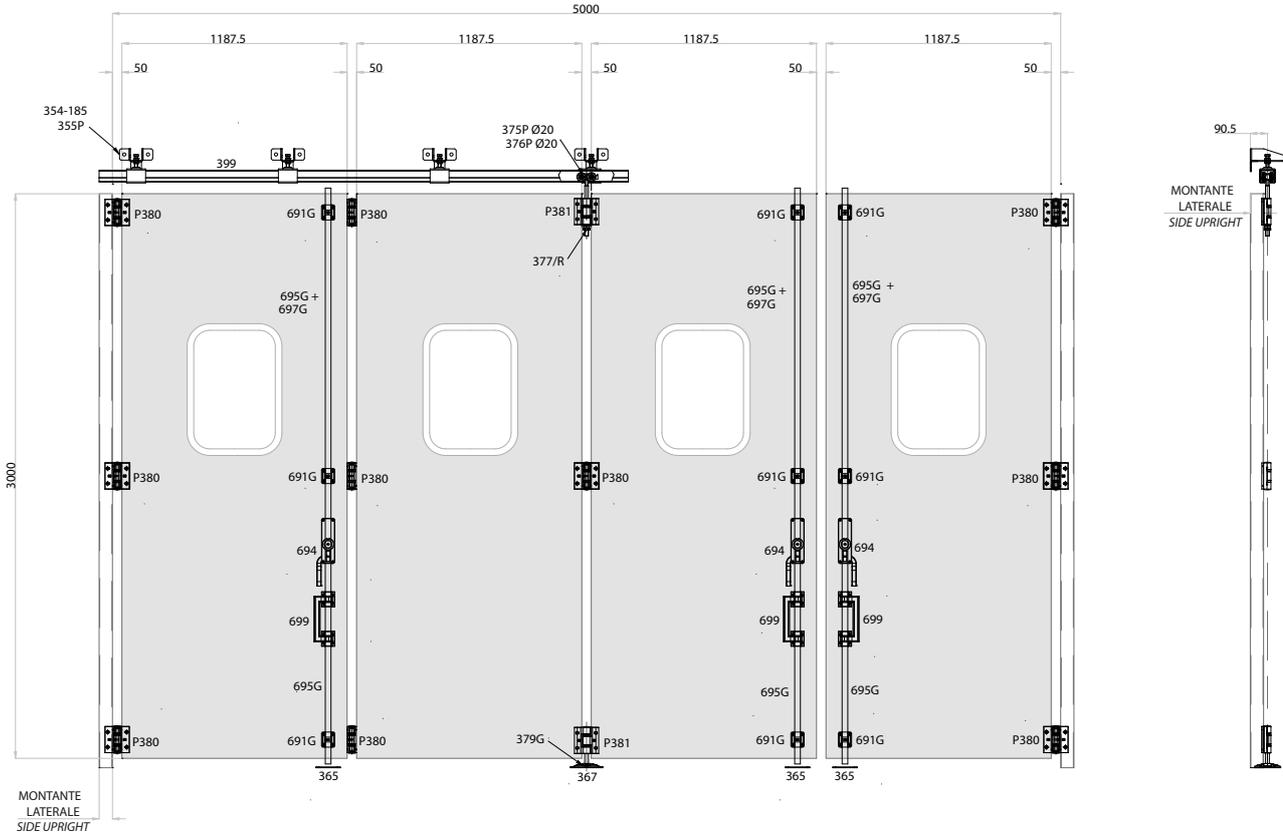
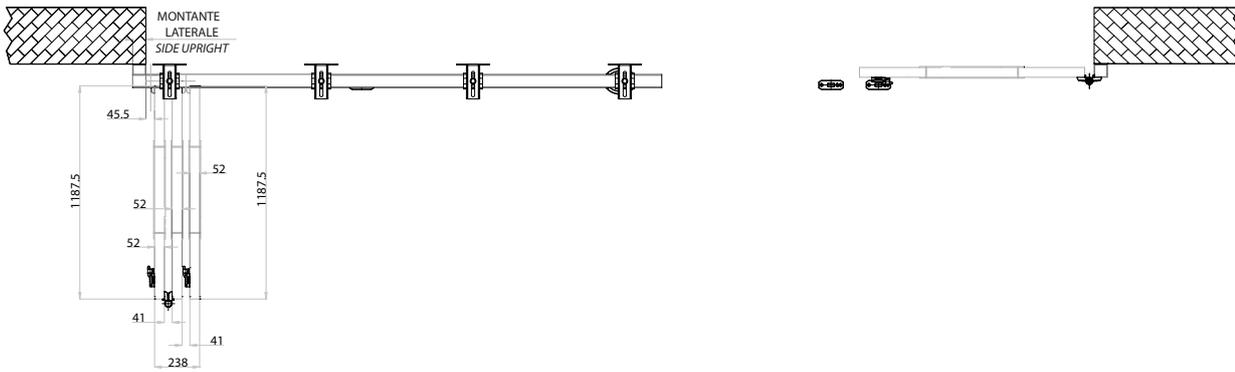
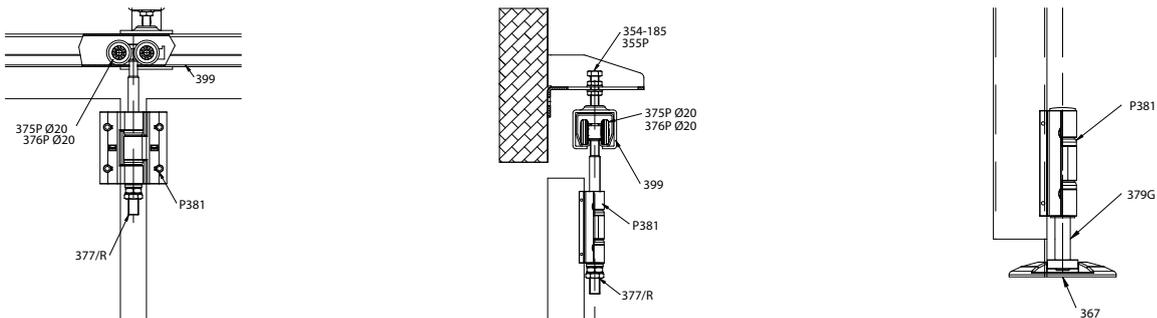


Diagram with open/closed doors



Technical details



Suggested KIT

	ART.	DESCRIPTION	Box info Pcs per pack	PAG.
	399	Small galvanized upper guide for trolleys with four wheels / Rail supérieur pour chariots 4 galets petits zingues / Obere laufschiene für rollenapparate mit 4 rollen klein verzinkt / Monocarril superior pequeño galvanizado para carros con 4 ruedas / Верхний монорельс для тележек с 4 колесами малый оцинкованный	1 (3.0 m)	311
	354-185	Adjustable wall rod 185 mm. / Support réglable au mur mm. 185 / Regulierbarer wandbügel 185 mm / Placa regulable de pared 185 mm / Регулируемый настенный кронштейн мм 185	4	299
	355 P	Adjustable guide support / Support guide réglable / Regulierbare führung / Soporte guía regulable / Опора регулируемой направляющей	4	300
	375 P20 / 376 P20	Small steel trolley with four wheels - nylon / Chariot petit a 4 galets en acier - nylon / Rollenapparat klein mit 4 stahlrollen - nylonrollen / Carro pequeño con 4 ruedas de acero - nylon / Маленькая тележка с 4 нейлоновыми/стальными колесами	1	307
	694 MC	Large star lever bolt / Cremone star grande / Treibriegel star gross / Falleba star grande / Большой болтовой рычаг star	1 DX + 1 SX	321
	699	Nylon pull handle with guides / Poignee d'entrainement en nylon avec traversants / Nylongriff zum ziehen mit laschen / Tirador de nylon con puentes / Ручка из нейлона со сквозными направляющими	3	323
	695 G	Closing tubular rod 30x10 / Tringle tubulaire de fermeture 30x10 / Rohrverschlussstange 30x10 / Varilla de cierre tubular 30x10 / Закрывающий стержень трубчатый 30x10	3 (1.20 m) + 3 (3.0 m)	322
	691 G	Rod guide 30x10 / Traversant pour tringles 30x10 / Lasche für stangen 30x10 / Puente para varillas 30x10 / Сквозная направляющая для стержней 30x10	9	319
	365	Floor strike plate for rods / Butoir pour tringles / Auflaufschuh für stangen / Encuentro para varillas / Упор для стержней	3	303
	367	Black nylon floor strike plate, with steel reinforcement / Butoir au sol en nylon noir, avec renfort en acier / Bodenaufschuh aus schwarzem nylon mit verstärkung aus stahl / Encuentro de nylon negro para suelo, con refuerzo de acero / Напольный упор из черного нейлона, со стальным укреплением	1	303
	P380	Die-cast aluminium double hinge with steps / Paumelle double en aluminium moulee avec butees / Doppelscharnier aus alu-druckguss flach, ohne bolzen / Pernio doble de aluminio fundido a presión con topes / Плоский двойной шарнир из литого алюминия с упорами	10	331
	P381	Die-cast aluminium double hinge, without pin / Paumelle double en aluminium moulee avec butees, sans pivot / Doppelscharnier aus alu-druckguss mit stützen / Pernio doble de aluminio fundido a presión con topes, sin eje / Двойной шарнир из литого алюминия с упорами без штифта	2	329
	377 R	Lowered upper pin / Pivot supérieur surbaisse / Oberer bolzen herabgesenkt / Perno superior rebajado / Верхний штырь пониженный	1	308
	379 G 135	Adjustable lower pin with bearing / Pivot inférieur réglable avec roulement / Regulierbarer unterer bolzen mit kugellager / Perno inferior regulable con rodamiento / Нижний регулируемый штифт с подшипником	1	305
	239	Door leaf suppperper / Embout d'amortissage vantaux / Stossdämpfer für türe / Amortiguador hojas / Амортизирующая пробка створки	2	295

3+1 180° Folding panels with 4 wheel trolley / 3+1 Vantaux ramassage 180° avec chariot à 4 galets / 3+1 Flügel 180° paket-lagerung mit vierrädrigem rollenapparat / 3+1 Hojas plegables 180° con carro 4 ruedas / 3+1 Створки с завороткой 180° с тележкой 4 колеса

Diagram with closed doors

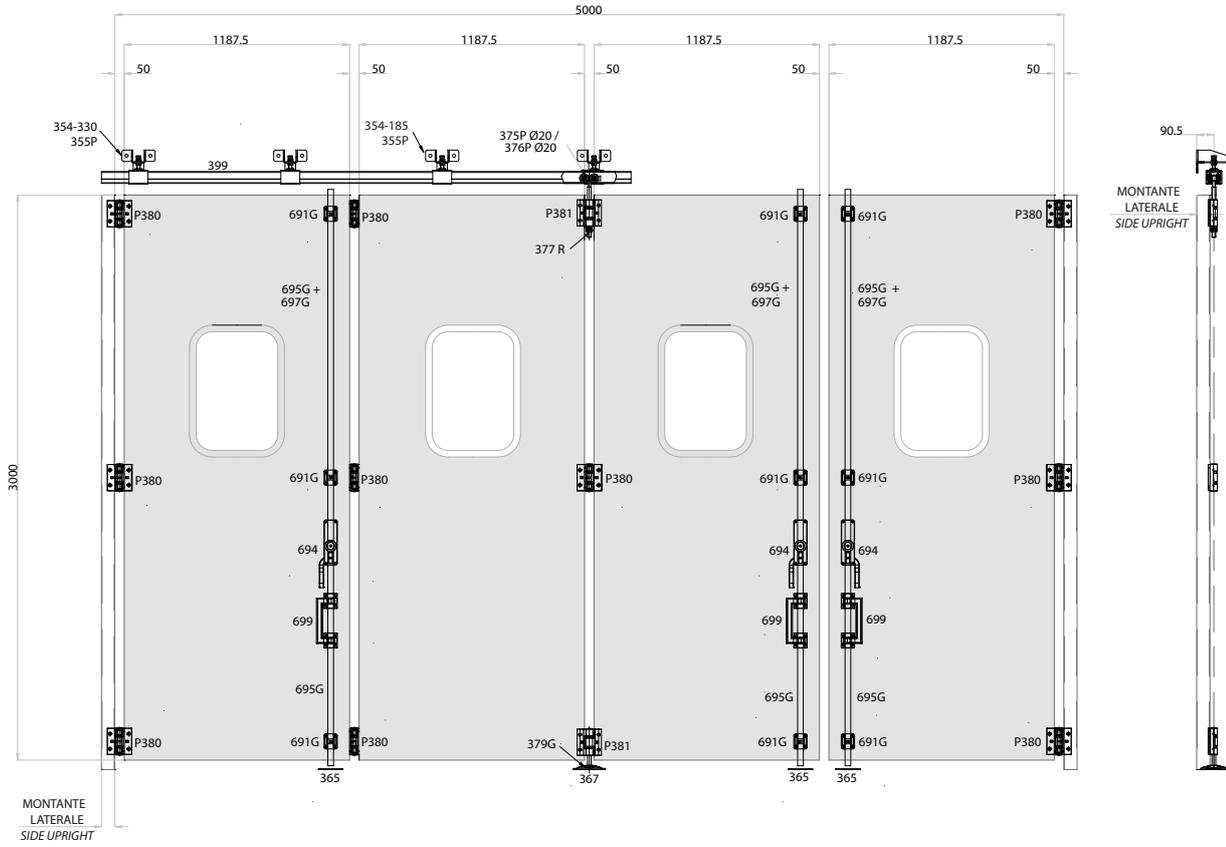
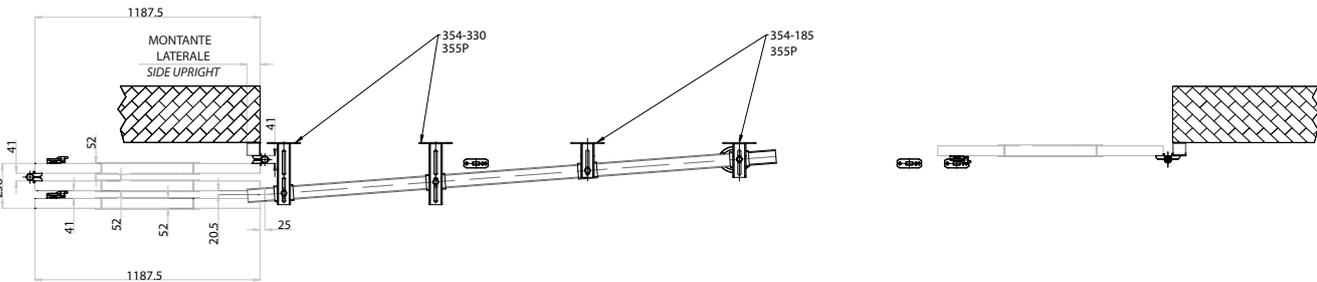
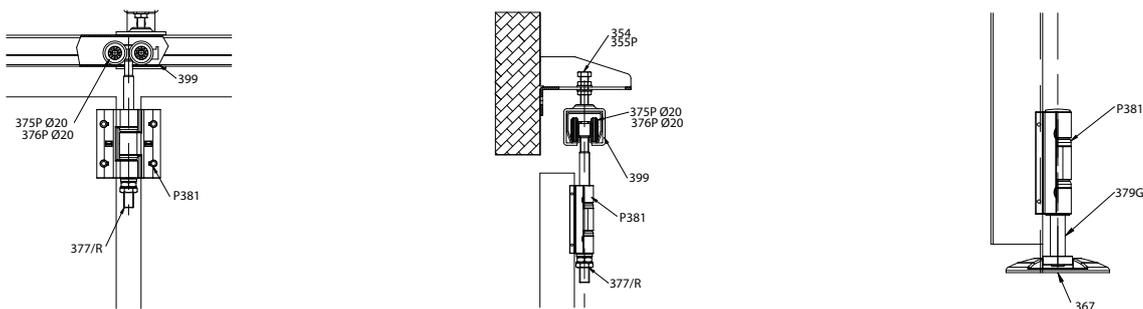


Diagram with open/closed doors



Technical details



Suggested KIT

	ART.	DESCRIPTION	Box info Pcs per pack	PAG.
	399	Small galvanized upper guide for trolleys with four wheels / Rail supérieur pour chariots 4 galets petits zingues / Obere laufschiene für rollenapparate mit 4 rollen klein verzinkt / Monocarril superior pequeño galvanizado para carros con 4 ruedas / Верхний монорельс для тележек с 4 колесами малый оцинкованный	1 (3.0 m)	311
	354-185	Adjustable wall rod 185 mm. / Support réglable au mur mm. 185 / Regulierbarer wandbügel 185 mm / Placa regulable de pared 185 mm / Регулируемый настенный кронштейн мм 185	2	299
	354-330	Adjustable wall rod 330 mm. / Support c au mur mm. 330 / Regulierbarer wandbügel 330 mm / Placa regulable de pared 330 mm / Регулируемый настенный кронштейн мм 330	2	299
	355 P	Adjustable guide support / Support guide réglable / Regulierbare führung / Soporte guía regulable / Опора регулируемой направляющей	4	300
	375 P20 / 376 P20	Small steel trolley with four wheels - nylon / Chariot petit a 4 galets en acier - nylon / Rollenapparat klein mit 4 stahlrollen - nylonrollen / Carro pequeño con 4 ruedas de acero - nylon / Маленькая тележка с 4 нейлоновыми/стальными колесами	1	307
	694 MC	Large star lever bolt / Cremona star grande / Treibriegel star gross / Falleba star grande / Большой болтовой рычаг star	1 DX + 1 SX	321
	699	Nylon pull handle with guides / Poignée d'entraînement en nylon avec traversants / Nylongriff zum ziehen mit laschen / Tirador de nylon con puentes / Ручка из нейлона со сквозными направляющими	3	323
	695 G	Closing tubular rod 30x10 / Tringle tubulaire de fermeture 30x10 / Rohrverschlussstange 30x10 / Varilla de cierre tubular 30x10 / Закрывающий стержень трубчатый 30x10	3 (1.20 m) + 3 (3.0 m)	322
	691 G	Rod guide 30x10 / Traversant pour tringles 30x10 / Lasche für stangen 30x10 / Puente para varillas 30x10 / Сквозная направляющая для стержней 30x10	9	319
	365	Floor strike plate for rods / Butoir pour tringles / Auflaufschuh für stangen / Encuentro para varillas / Упор для стержней	3	303
	367	Black nylon floor strike plate, with steel reinforcement / Butoir au sol en nylon noir, avec renfort en acier / Bodenaufschuh aus schwarzem nylon mit verstärkung aus stahl / Encuentro de nylon negro para suelo, con refuerzo de acero / Напольный упор из черного нейлона, со стальным укреплением	1	303
	P380	Die-cast aluminium double hinge with steps / Paumelle double en aluminium moulee avec butees / Doppelscharnier aus alu-druckguss flach, ohne bolzen / Pernio doble de aluminio fundido a presión con topes / Плоский двойной шарнир из литого алюминия с упорами	10	331
	P381	Die-cast aluminium double hinge, without pin / Paumelle double en aluminium moulee avec butees, sans pivot / Doppelscharnier aus alu-druckguss mit stützen / Pernio doble de aluminio fundido a presión con topes, sin eje / Двойной шарнир из литого алюминия с упорами без штифта	2	329
	377 R	Lowered upper pin / Pivot supérieur surbaisse / Oberer bolzen herabgesenkt / Perno superior rebajado / Верхний штырь пониженный	1	308
	379 G 135	Adjustable lower pin with bearing / Pivot inférieur réglable avec roulement / Regulierbarer unterer bolzen mit kugellager / Perno inferior regulable con rodamiento / Нижний регулируемый штифт с подшипником	1	305
	239	Door leaf suppperper / Embout d'amortissage vantaux / Stossdämpfer für türe / Amortiguador hojas / Амортизирующая пробка створки	2	295

1 Sliding panel / 1 Vantail coulissant / 1 Schiebe-flügel / 1 Hoja de corredera / 1 раздвижная створка

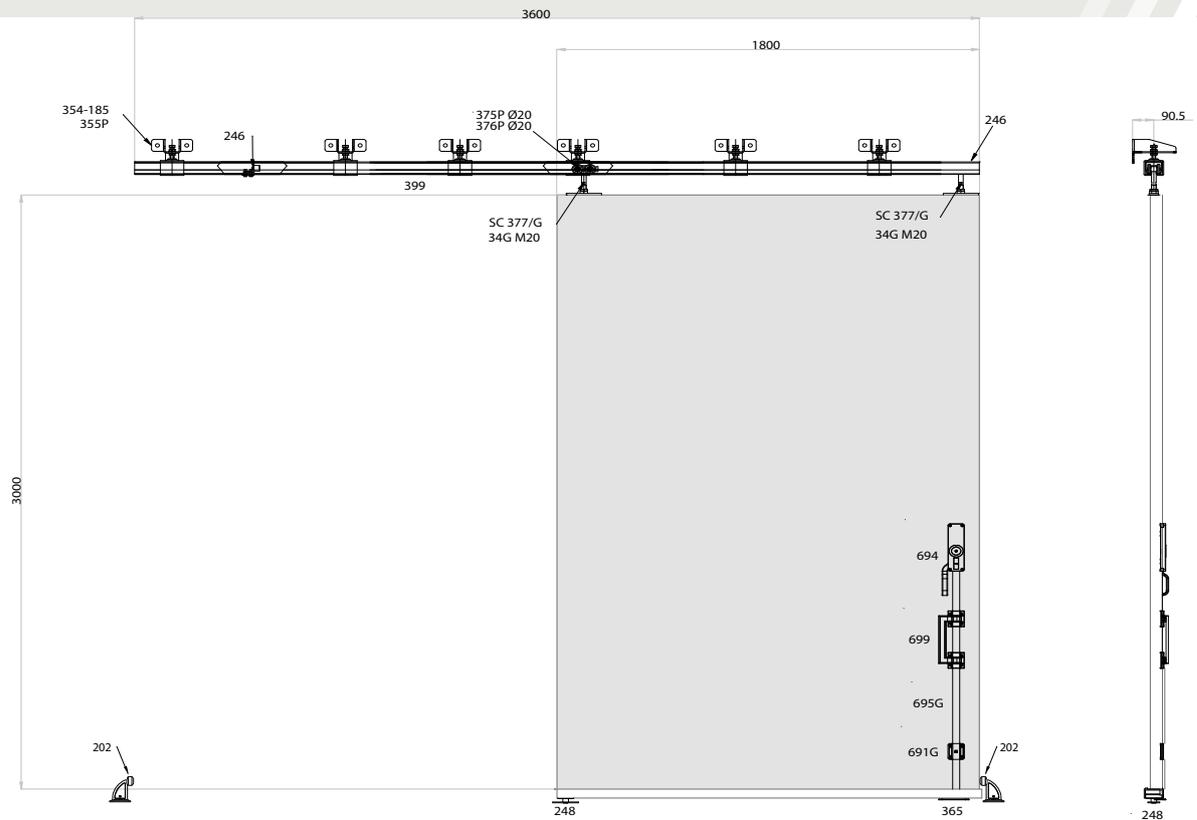
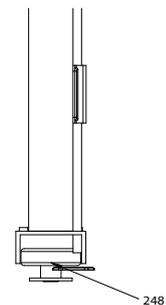
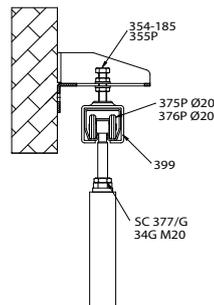
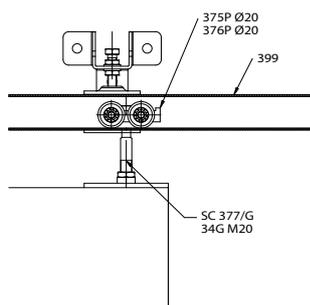


Diagram with closed doors



Diagram with open/closed doors



Technical details

Suggested KIT

	ART.	DESCRIPTION	Box info Pcs per pack	PAG.
	399	Small galvanized upper guide for trolleys with four wheels / Rail supérieur pour chariots 4 galets petits zingues / Obere laufschiene für rollenapparate mit 4 rollen klein verzinkt / Monocarril superior pequeño galvanizado para carros con 4 ruedas / Верхний монорельс для тележек с 4 колесами малый оцинкованный	1 (6.0 m)	311
	354-185	Adjustable wall rod 185 mm. / Support réglable au mur mm. 185 / Regulierbarer wandbügel 185 mm / Placa regulable de pared 185 mm / Регулируемый настенный кронштейн мм 185	6	299
	355 P	Adjustable guide support / Support guide réglable / Regulierbare führung / Soporte guía regulable / Опора регулируемой направляющей	6	300
	375 P20 / 376 P20	Small steel trolley with four wheels - nylon / Chariot petit a 4 galets en acier - nylon / Rollenapparat klein mit 4 stahlrollen - nylonrollen / Carro pequeño con 4 ruedas de acero - nylon / Маленькая тележка с 4 нейлоновыми/стальными колесами	2	307
	694 MC	Large star lever bolt / Cremone star grande / Treibriegel star gross / Falleba star grande / Большой болтовой рычаг star	1 SX	321
	699	Nylon pull handle with guides / Poignée d'entraînement en nylon avec traversants / Nylongriff zum ziehen mit laschen / Tirador de nylon con puentes / Ручка из нейлона со сквозными направляющими	1	323
	695 G	Closing tubular rod 30x10 / Tringle tubulaire de fermeture 30x10 / Rohrverschlussstange 30x10 / Varilla de cierre tubular 30x10 / Закрывающий стержень трубчатый 30x10	1 (1.20 m)	322
	691 G	Rod guide 30x10 / Traversant pour tringles 30x10 / Lasche für stangen 30x10 / Puente para varillas 30x10 / Сквозная направляющая для стержней 30x10	1	319
	365	Floor strike plate for rods / Butoir pour tringles / Auflaufschuh für stangen / Encuentro para varillas / Упор для стержней	1	303
	34 G	Turning plate with bearing for trolleys / Platine pivotante avec roulement pour chariots / Schwenkplatte mit kugellager für rollenapparate / Placa giratoria con rodamiento para carros / Поворотная пластина с подшипником для тележек	2	290
	377 G-SC	Galvanized upper pin for sliding doors / Pivot supérieur pour portail coulissant zingue / Oberer bolzen für schiebetüren verzinkt / Perno superior para puerta corredera galvanizado / Верхний штырь для передвижения оцинкованный	2	308
	248	Guide for sliding doors / Guide pour portails coulissants / Führung für schiebetüren / Guía para portones de corredera / Направляющая для раздвижных дверей	1	296
	246	End-supper for guides art. 398/399 / Butee de fin de course pour rails art. 398/399 / Letzter türflügel für laufschiene art. 398/399 / Tope para monocarril art. 398/399 / Стопор конца хода для монорельсов art. 398/399	2	295
	202	Runaway stop to be screwed / Boutoir de fin de course avec base à visser / Torendpuffer mit befestigungsplatte zum anschrauben / Tope de final de carrera con base para fijar / Стопор конца хода с прикрепляемым основанием	2	77

2 Sliding panels / 2 Vantaux coulissants / 2 Schiebe-flügel / 2 Hojas de corredera / 2 раздвижные створки

Diagram with closed doors

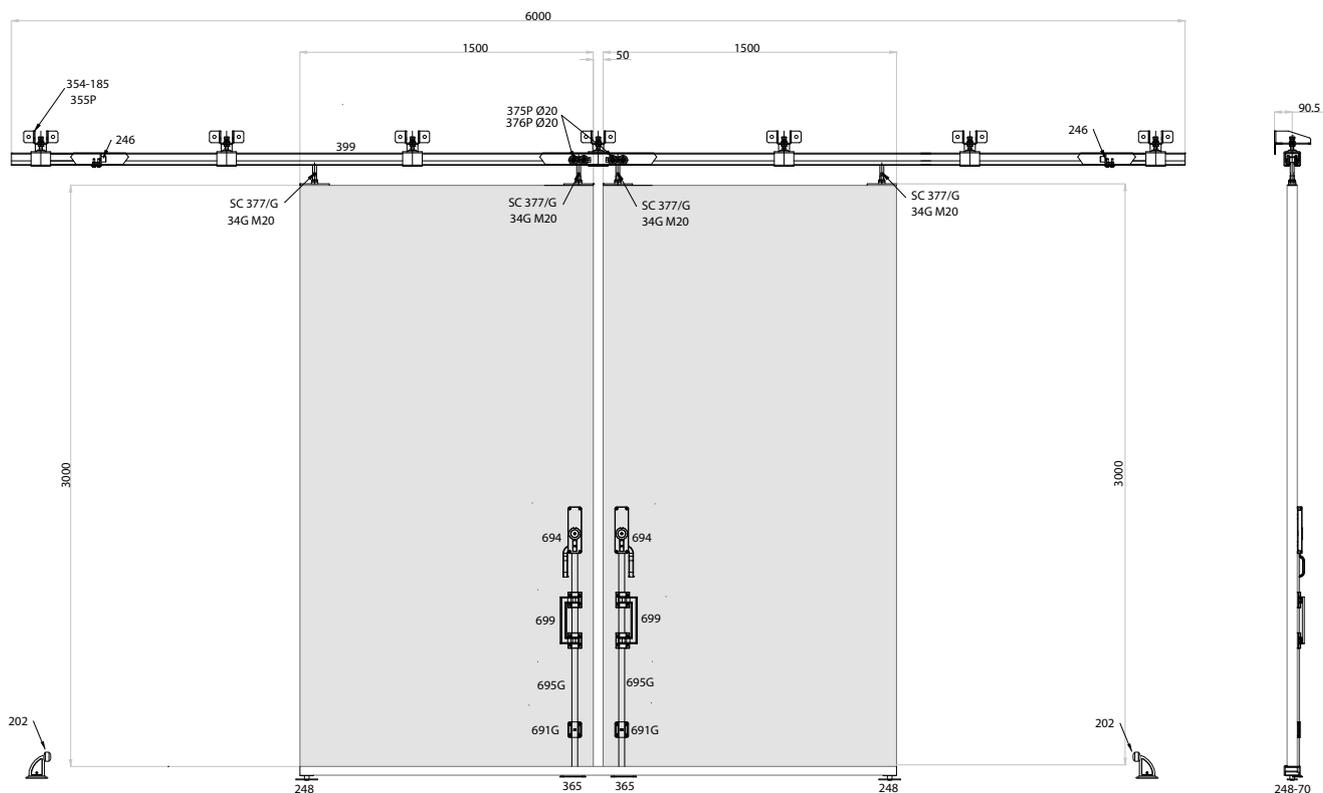
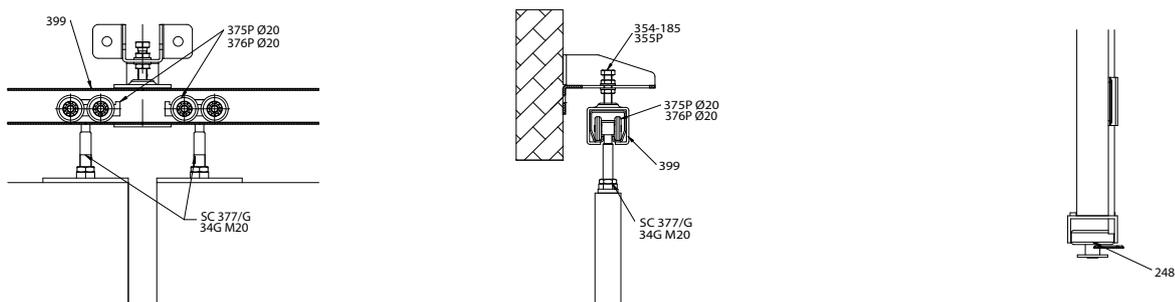


Diagram with open/closed doors



Technical details



Suggested KIT

	ART.	DESCRIPTION	Box info Pcs per pack	PAG.
	399	Small galvanized upper guide for trolleys with four wheels / Rail supérieur pour chariots 4 galets petits zingues / Obere laufschiene für rollenapparate mit 4 rollen klein verzinkt / Monocarril superior pequeño galvanizado para carros con 4 ruedas / Верхний монорельс для тележек с 4 колесами малый оцинкованный	1 (6.0 m)	311
	354-185	Adjustable wall rod 185 mm. / Support réglable au mur mm. 185 / Regulierbarer wandbügel 185 mm / Placa regulable de pared 185 mm / Регулируемый настенный кронштейн мм 185	7	299
	355 P/G	Adjustable guide support / Support guide réglable / Regulierbare führung / Soporte guía regulable / Опора регулируемой направляющей	7	300
	375 P20 / 376 P20	Small steel trolley with four wheels - nylon / Chariot petit a 4 galets en acier - nylon / Rollenapparat klein mit 4 stahlrollen - nylonrollen / Carro pequeño con 4 ruedas de acero - nylon / Маленькая тележка с 4 нейлоновыми/стальными колесами	4	307
	694 MC	Large star lever bolt / Cremone star grande / Treibriegel star gross / Falleba star grande / Большой болтовой рычаг star	1 DX + 1 SX	321
	699	Nylon pull handle with guides / Poignée d'entraînement en nylon avec traversants / Nylongriff zum ziehen mit laschen / Tirador de nylon con puentes / Ручка из нейлона со сквозными направляющими	2	323
	695 G	Closing tubular rod 30x10 / Tringle tubulaire de fermeture 30x10 / Rohrverschlussstange 30x10 / Varilla de cierre tubular 30x10 / Закрывающий стержень трубчатый 30x10	2 (1.20 m)	322
	691 G	Rod guide 30x10 / Traversant pour tringles 30x10 / Lasche für stangen 30x10 / Puente para varillas 30x10 / Сквозная направляющая для стержней 30x10	2	319
	365	Floor strike plate for rods / Butoir pour tringles / Auflaufschuh für stangen / Encuentro para varillas / Упор для стержней	2	303
	34 G	Turning plate with bearing for trolleys / Platine pivotante avec roulement pour chariots / Schwenkplatte mit kugellager für rollenapparate / Placa giratoria con rodamiento para carros / Поворотная пластина с подшипником для тележек	4	290
	377 G-SC	Galvanized upper pin for sliding doors / Pivoit supérieur pour portail coulissant zingue / Oberer bolzen für schiebetüren verzinkt / Perno superior para puerta corredera galvanizado / Верхний штырь для передвижения оцинкованный	4	308
	248	Guide for sliding doors / Guide pour portails coulissants / Führung für schiebetüren / Guía para portones de corredera / Направляющая для раздвижных дверей	2	296
	246	End-supper for guides art. 398/399 / Butee de fin de course pour rails art. 398/399 / Letzter türflügel für laufschiene art. 398/399 / Tope para monocarril art. 398/399 / Стопор конца хода для монорельсов art. 398/399	2	295
	202	Runaway stop to be screwed / Boutoir de fin de course avec base à visser / Torendpuffer mit befestigungsplatte zum anschrauben / Tope de final de carrera con base para fijar / Стопор конца хода с прикрепляемым основанием	2	77

6 Panels - more than space with heavy steel trolley / 6 Vantaux hors de l'ouverture avec chariot en acier lourd / 6 Flügel über die lichte breite mit rollenapparat aus schwerem stahl / 6 Hojas fuera del vano con carro de acero pesado / 6 Створок больше проема с тяжелой тележкой из стали

Diagram with closed doors

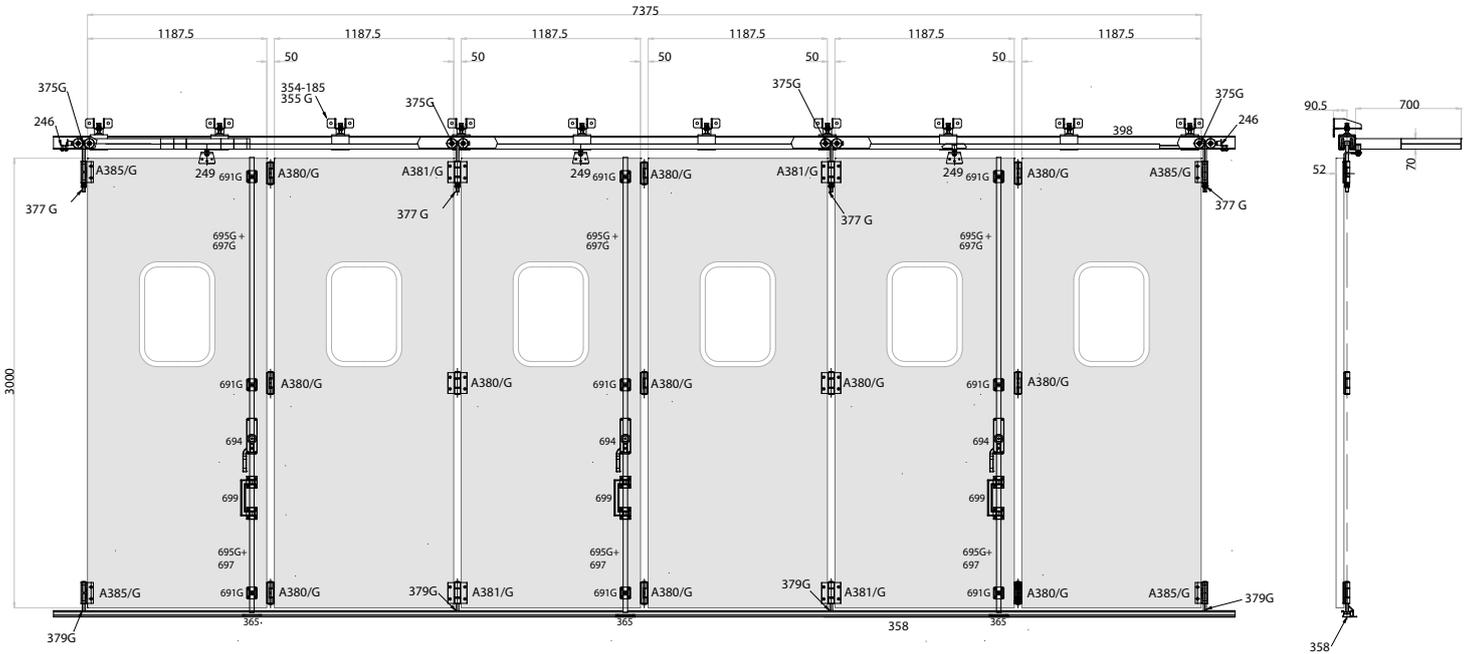
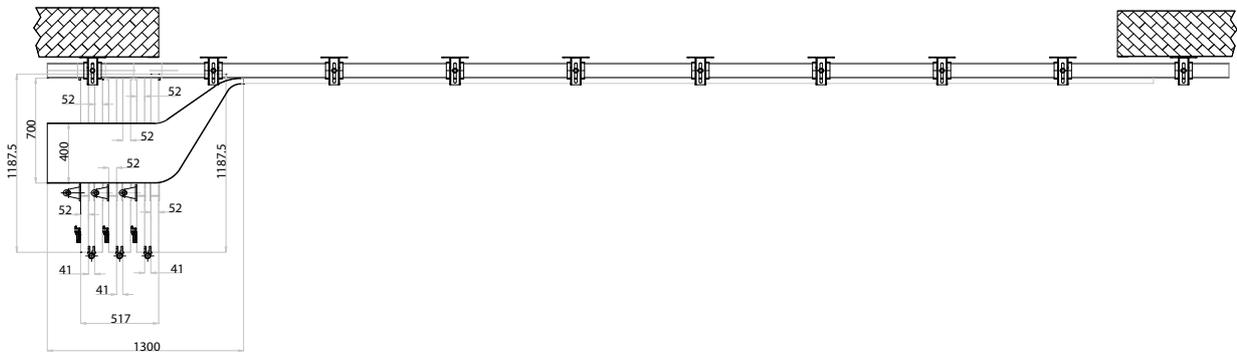
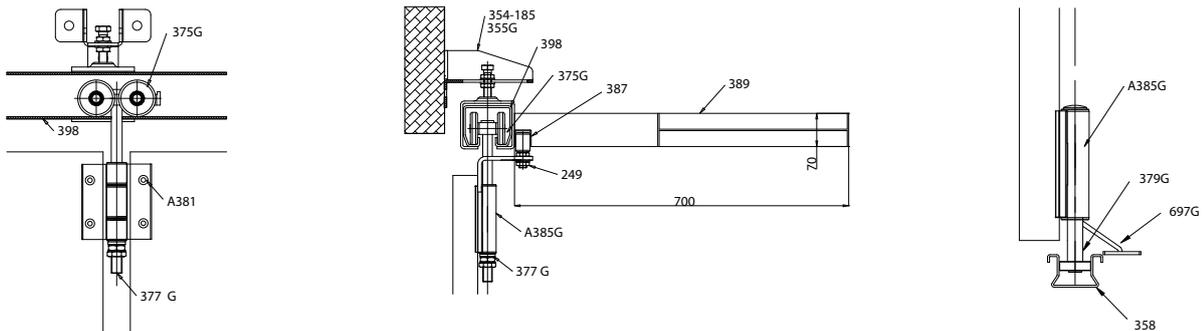


Diagram with open/closed doors



Technical details



Suggested KIT

	ART.	DESCRIPTION	Box info Pcs per pack	PAG.
	398	Large galvanized upper guide for trolleys with four wheels / Rail supérieur pour chariots 4 galets grands zingues / Obere laufschiene für rollenapparate mit 4 rollen gross verzinkt / Monocarril superior grande galvanizado para carros con 4 ruedas / Верхний монорельс для тележек с 4 колесами большой оцинкованный	2 (6.0 m)	311
	354-185	Adjustable wall rod 185 mm. / Support réglable au mur mm. 185 / Regulierbarer wandbügel 185 mm / Placa regulable de pared 185 mm / Регулируемый настенный кронштейн мм 185	10	299
	355 G	Adjustable guide support / Support guide réglable / Regulierbare führung / Soporte guía regulable / Опора регулируемой направляющей	10	300
	375 G	Large steels trolley with four wheels for pin, 20 mm. / Chariot grand a 4 galets en acier pour pivot de mm. 20 / Rollenapparat gross mit 4 stahlrollen für bolzen 20 mm / Carro grande con 4 ruedas de acero para perno de 20 mm / Большая тележка 4 стальными колесами для штифта мм 20	4	307
	694 MC	Large star lever bolt / Cremone star grande / Treibriegel star gross / Falleba star grande / Большой болтовой рычаг star	3 SX	321
	699	Nylon pull handle with guides / Poignée d'entraînement en nylon avec traversants / Nylongriff zum ziehen mit laschen / Tirador de nylon con puentes / Ручка из нейлона со сквозными направляющими	3	323
	695 G	Closing tubular rod 30x10 / Tringle tubulaire de fermeture 30x10 / Rohrverschlussstange 30x10 / Varilla de cierre tubular 30x10 / Закрывающий стержень трубчатый 30x10	3 (1.20 m) + 3 (3.0 m)	322
	691 G	Rod guide 30x10 / Traversant pour tringles 30x10 / Lasche für stangen 30x10 / Puente para varillas 30x10 / Сквозная направляющая для стержней 30x10	9	319
	365	Floor strike plate for rods / Butoir pour tringles / Auflaufschuh für stangen / Encuentro para varillas / Упор для стержней	3	303
	A380 G	Large aluminium double hinge with steps / Paumelle double grande en aluminium avec butées / Doppelscharnier klein aus aluminium flach, ohne bolzen / Pernio doble grande de aluminio con topes / Большой двойной шарнир из алюминия с упорами	11	326
	A381 G	Large aluminium double hinge with steps, without pin / Paumelle double grande en aluminium avec butées, sans pivot / Doppelscharnier aus aluminium flach, regulierbar / Pernio doble grande de aluminio con topes, sin eje / Большой двойной шарнир из алюминия с упорами, без штифта	4	327
	377 G 330	Upper pin for trolleys / Pivot supérieur pour chariots / Oberer bolzen für rollenapparate / Perno superior para carros / Верхний штырь для тележек	4	307
	379 G 200	Adjustable lower pin with bearing / Pivot inférieur réglable avec roulement / Regulierbarer unterer bolzen mit kugellager / Perno inferior regulable con rodamiento / Нижний регулируемый штифт с подшипником	4	305
	358	Lower guide to be cemented, length 6 meters / Guide inferieure a cimenter de m. 6,00 / Untere führung zum einzementieren, länge 6 m / Guía inferior para cementar de 6,00 m / Нижняя цементируемая направляющая м 6,00	2 (6,0 m)	301
	387	"U" profile for side folding switchers / Profil en "u" pour deviateurs pour portail pliable lateral / U-profil für ablenker für seitliche paket-lagerung / Perfil en "U" para desviadores para puerta plegable lateral / Профиль в форме "u" для отклоняющего устройства с боковым воздействием	2 (6,0 m)	308
	249-30	Adjustable switcher for side folding / Deviateur réglable pour portail pliable lateral / Regulierbarer ablenker für seitliche paket-lagerung / Desviador regulable para puerta plegable lateral / Регулируемое отклоняющее устройство для боковой завертки	3	296
	246	End-supper for guides art. 398/399 / Butee de fin de course pour rails art. 398/399 / Letzter türflügel für laufschiene art. 398/399 / Tope para monocarril art. 398/399 / Стопор конца хода для монорельсов art. 398/399	2	295
	239	Door leaf suppperper / Embout d'amortissage vantaux / Stossdämpfer für türe / Amortiguador hojas / Амортизирующая пробка створки	5	295

4 Panels - more than space with 4 wheel trolley / 4 Vantaux hors de l'ouverture avec chariot à 4 galets / 4 Flügel über die lichte breite mit vierrädrigem rollenapparat / 4 Hojas fuera del vano con carro 4 ruedas / 4 Створки больше проема с тележкой 4 колеса

Diagram with closed doors

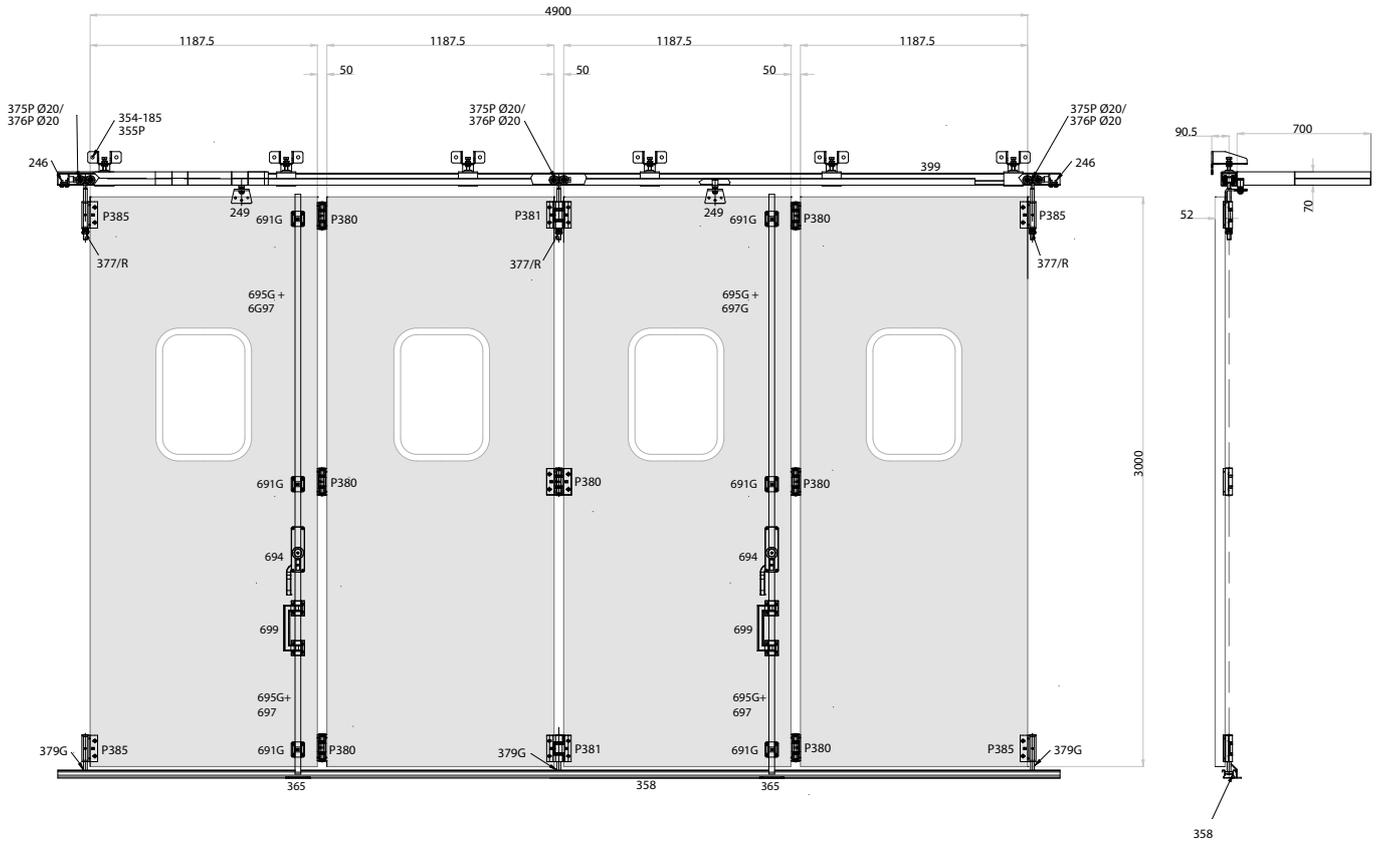
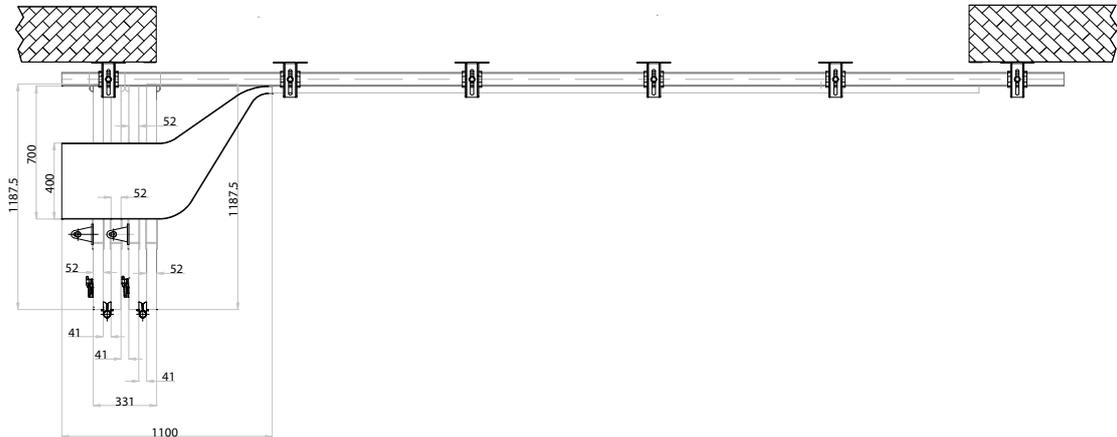
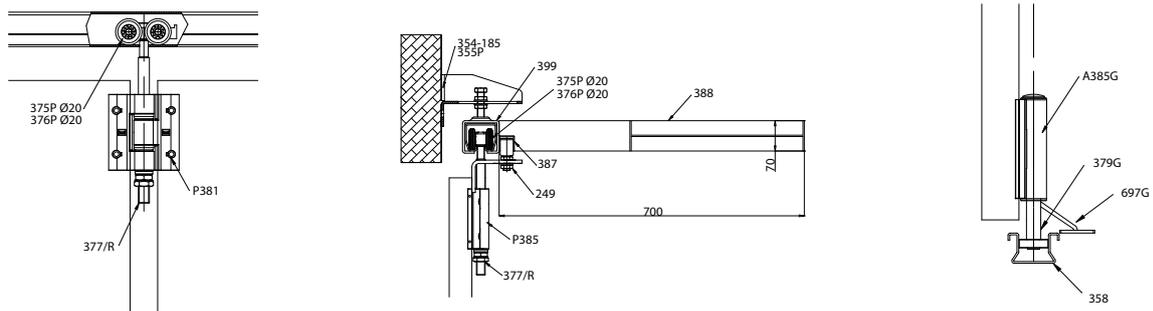


Diagram with open/closed doors



Technical details



Suggested KIT

	ART.	DESCRIPTION	Box info Pcs per pack	PAG.
	399	Small galvanized upper guide for trolleys with four wheels / Rail supérieur pour chariots 4 galets petits zingues / Obere laufschiene für rollenapparate mit 4 rollen klein verzinkt / Monocarril superior pequeño galvanizado para carros con 4 ruedas / Верхний монорельс для тележек с 4 колесами малый оцинкованный	1 (6.0 m)	311
	354-185	Adjustable wall rod 185 mm. / Support reglable au mur mm. 185 / Regulierbarer wandbügel 185 mm / Placa regulable de pared 185 mm / Регулируемый настенный кронштейн мм 185	6	299
	355 P	Adjustable guide support / Support guide reglable / Regulierbare führung / Soporte guía regulable / Опора регулируемой направляющей	6	300
	375 P20 / 376 P20	Small steel trolley with four wheels - nylon / Chariot petit a 4 galets en acier - nylon / Rollenapparat klein mit 4 stahlrollen - nylonrollen / Carro pequeño con 4 ruedas de acero - nylon / Маленькая тележка с 4 нейлоновыми/стальными колесами	3	307
	694 MC	Large star lever bolt / Cremone star grande / Treibriegel star gross / Falleba star grande / Большой болтовой рычаг star	2 SX	321
	699	Nylon pull handle with guides / Poignée d'entraînement en nylon avec traversants / Nylongriff zum ziehen mit laschen / Tirador de nylon con puentes / Ручка из нейлона со сквозными направляющими	2	323
	695 G	Closing tubular rod 30x10 / Tringle tubulaire de fermeture 30x10 / Rohrverschlussstange 30x10 / Varilla de cierre tubular 30x10 / Закрывающий стержень трубчатый 30x10	2 (1.20 m) + 2 (3.0 m)	322
	691 G	Rod guide 30x10 / Traversant pour tringles 30x10 / Lasche für stangen 30x10 / Puente para varillas 30x10 / Сквозная направляющая для стержней 30x10	6	319
	365	Floor strike plate for rods / Butoir pour tringles / Auflaufschuh für stangen / Encuentro para varillas / Упор для стержней	2	303
	P380	Die-cast aluminium double hinge with steps / Paumelle double en aluminium moulee avec butees / Doppelscharnier aus alu-druckguss flach, ohne bolzen / Pernio doble de aluminio fundido a presión con topes / Плоский двойной шарнир из литого алюминия с упорами	7	331
	P381	Die-cast aluminium double hinge, without pin / Paumelle double en aluminium moulee avec butees, sans pivot / Doppelscharnier aus alu-druckguss mit stützen / Pernio doble de aluminio fundido a presión con topes, sin eje / Двойной шарнир из литого алюминия с упорами без штифта	2	331
	P385	Die-cast aluminium hinge with step / Paumelle simple en aluminium moulee avec butee / Einzel-scharnier aus alu-druckguss flach / Pernio de aluminio fundido a presión con tope / Одинарный шарнир из литого алюминия с упором	4	332
	377 R	Lowered upper pin / Pivot supérieur surbaisse / Oberer bolzen herabgesenkt / Perno superior rebajado / Верхний штырь пониженный	3	308
	379 G 200	Adjustable lower pin with bearing / Pivot inférieur reglable avec roulement / Regulierbarer unterer bolzen mit kugellager / Perno inferior regulable con rodamiento / Нижний регулируемый штифт с подшипником	3	305
	358	Lower guide to be cemented, length 6 meters / Guide inferieure a cimenter de m. 6,00 / Untere führung zum einzementieren, länge 6 m / Guía inferior para cementar de 6,00 m / Нижняя цементируемая направляющая м 6,00	1 (6,0 m)	301
	387	"U" profile for side folding switchers / Profil en "u" pour deviateurs pour portail pliable lateral / U-profil für ablenker für seitliche paket-lagerung / Perfil en "U" para desviadores para puerta plegable lateral / Профиль в форме "u" для отклоняющего устройства с боковым воздействием	1 (6,0 m)	308
	249-30	Adjustable switcher for side folding / Deviateur reglable pour portail pliable lateral / Regulierbarer ablenker für seitliche paket-lagerung / Desviador regulable para puerta plegable lateral / Регулируемое отклоняющее устройство для боковой заветки	2	296
	246	End-supper for guides art. 398/399 / Butee de fin de course pour rails art. 398/399 / Letzter türflügel für laufschiene art. 398/399 / Tope para monocarril art. 398/399 / Стопор конца хода для монорельсов art. 398/399	2	295
	239	Door leaf suppperper / Embout d'amortissage vantaux / Stosdämpfer für türe / Amortiguador hojas / Амортизирующая пробка створки	3	295

4 Panels - more than space with heavy steel trolley / 4 Vantaux hors de l'ouverture avec chariot en acier lourd / 4 Flügel über die lichte breite mit rollenapparat aus schwerem stahl / 4 Hojas fuera del vano con carro de acero pesado / 4 Створки больше проема с тяжелой тележкой из стали

Diagram with closed doors

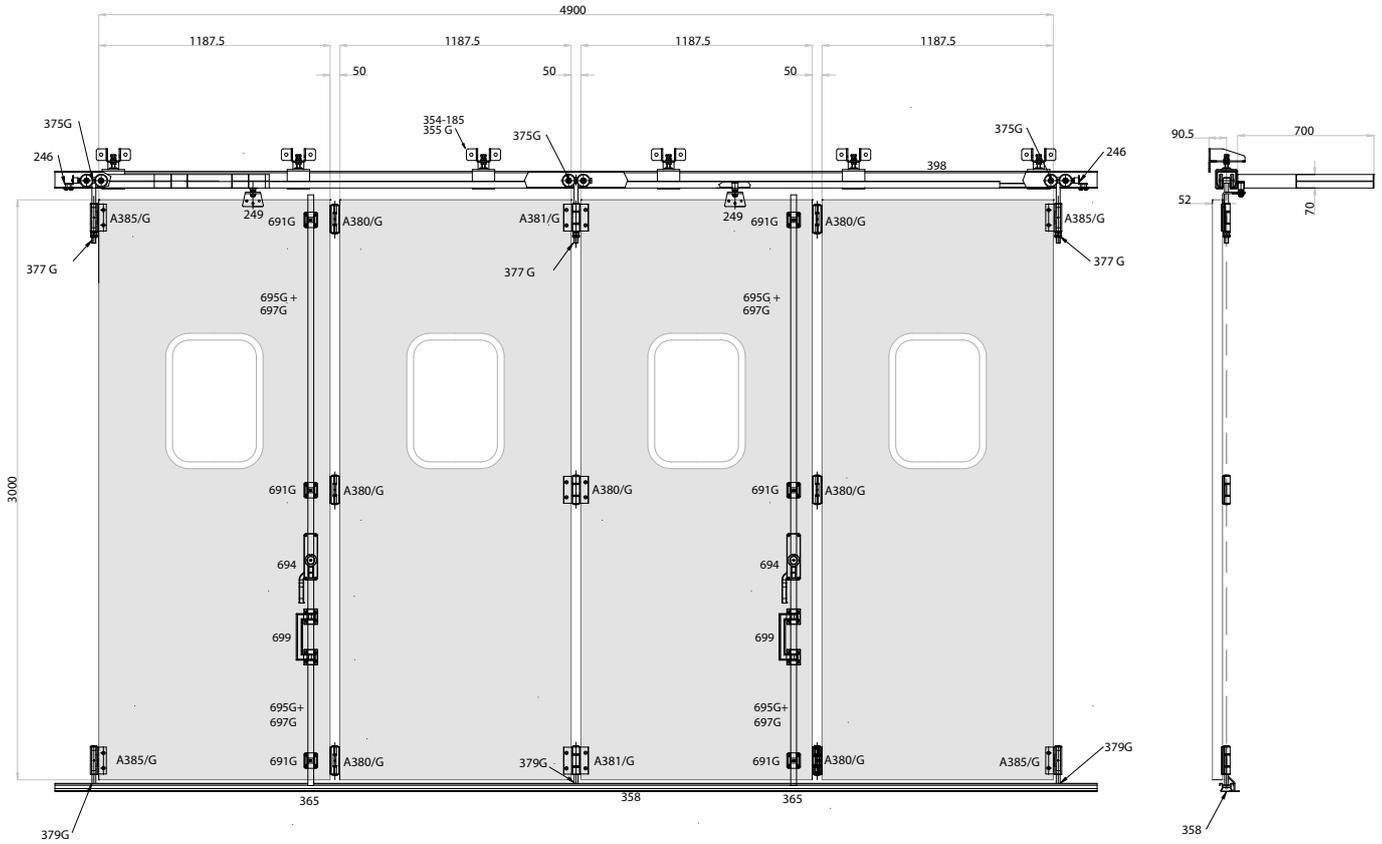
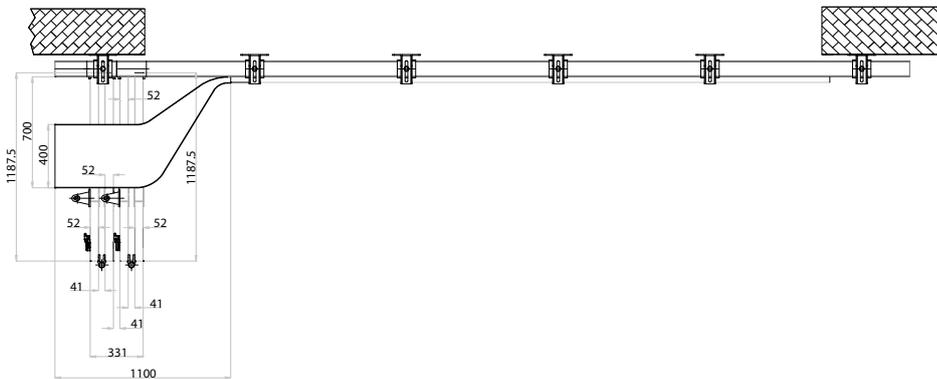
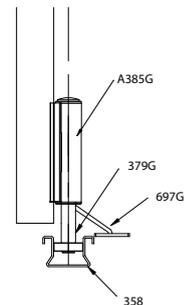
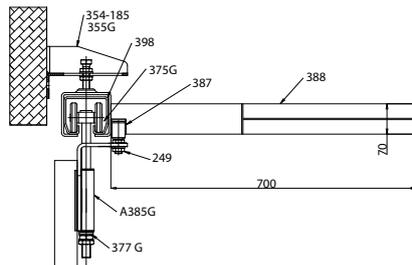
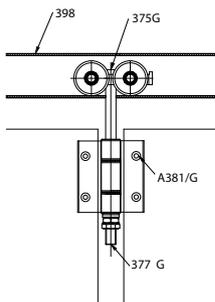


Diagram with open/closed doors



Technical details



Suggested KIT

	ART.	DESCRIPTION	Box info Pcs per pack	PAG.
	398	Large galvanized upper guide for trolleys with four wheels / Rail supérieur pour chariots 4 galets grands zingues / Obere laufschiene für rollenapparate mit 4 rollen gross verzinkt / Monocarril superior grande galvanizado para carros con 4 ruedas / Верхний монорельс для тележек с 4 колесами большой оцинкованный	1 (6,0 m)	311
	354-185	Adjustable wall rod 185 mm. / Support reglable au mur mm. 185 / Regulierbarer wandbügel 185 mm / Placa regulable de pared 185 mm / Регулируемый настенный кронштейн мм 185	6	299
	355 G	Adjustable guide support / Support guide reglable / Regulierbare führung / Soporte guía regulable / Опора регулируемой направляющей	6	300
	375 G	Large steels trolley with four wheels for pin, 20 mm. / Chariot grand a 4 galets en acier pour pivot de mm. 20 / Rollenapparat gross mit 4 stahlrollen für bolzen 20 mm / Carro grande con 4 ruedas de acero para perno de 20 mm / Большая тележка 4 стальными колесами для штифта мм 20	3	307
	694 MC	Large star lever bolt / Cremone star grande / Treibriegel star gross / Falleba star grande / Большой болтовой рычаг star	2 SX	321
	699	Nylon pull handle with guides / Poignée d'entraînement en nylon avec traversants / Nylongriff zum ziehen mit laschen / Tirador de nylon con puentes / Ручка из нейлона со сквозными направляющими	2	323
	695 G	Closing tubular rod 30x10 / Tringle tubulaire de fermeture 30x10 / Rohrverschlussstange 30x10 / Varilla de cierre tubular 30x10 / Закрывающий стержень трубчатый 30x10	2 (1,20 m) + 2 (3,0 m)	322
	691 G	Rod guide 30x10 / Traversant pour tringles 30x10 / Lasche für stangen 30x10 / Puente para varillas 30x10 / Сквозная направляющая для стержней 30x10	6	319
	365	Floor strike plate for rods / Butoir pour tringles / Auflaufschuh für stangen / Encuentro para varillas / Упор для стержней	2	303
	A380 G	Large aluminium double hinge with steps / Paumelle double grande en aluminium avec butées / Doppelscharnier klein aus aluminium flach, ohne bolzen / Pernio doble grande de aluminio con topes / Большой двойной шарнир из алюминия с упорами	7	326
	A381 G	Large aluminium double hinge with steps, without pin / Paumelle double grande en aluminium avec butées, sans pivot / Doppelscharnier aus aluminium flach, regulierbar / Pernio doble grande de aluminio con topes, sin eje / Большой двойной шарнир из алюминия с упорами, без штифта	2	327
	A385 P	Large aluminium hinge with step / Paumelle simple grande en aluminium avec butee / Einzel-scharnier klein aus aluminium mit stütze / Pernio de aluminio con tope / Одинарный шарнир из алюминия с упором	4	328
	377 G 330	Upper pin for trolleys / Pivot supérieur pour chariots / Oberer bolzen für rollenapparate / Perno superior para carros / Верхний штырь для тележек	3	307
	379 G 200	Adjustable lower pin with bearing / Pivot inférieur reglable avec roulement / Regulierbarer unterer bolzen mit kugellager / Perno inferior regulable con rodamiento / Нижний регулируемый штифт с подшипником	3	305
	358	Lower guide to be cemented, length 6 meters / Guide inferieure a cimenter de m. 6,00 / Untere führung zum einzementieren, länge 6 m / Guía inferior para cementar de 6,00 m / Нижняя цементируемая направляющая м 6,00	1 (6,0 m)	301
	387	"U" profile for side folding switchers / Profil en "u" pour deviateurs pour portail pliable lateral / U-profil für ablenker für seitliche paket-lagerung / Perfil en "U" para desviadores para puerta plegable lateral / Профиль в форме "u" для отклоняющего устройства с боковым воздействием	1 (6,0 m)	308
	249-30	Adjustable switcher for side folding / Deviateur reglable pour portail pliable lateral / Regulierbarer ablenker für seitliche paket-lagerung / Desviador regulable para puerta plegable lateral / Регулируемое отклоняющее устройство для боковой заветки	2	296
	246	End-supper for guides art. 398/399 / Butee de fin de course pour rails art. 398/399 / Letzter türflügel für laufschiene art. 398/399 / Tope para monocarril art. 398/399 / Стопор конца хода для монорельсов art. 398/399	1	295
	239	Door leaf suppperper / Embout d'amortissage vantaux / Stossdämpfer für türe / Amortiguador hojas / Амортизирующая пробка створки	3	295

4 Side folding panels with 4 wheel trolley / 4 Vantaux ramassage latéral avec chariot à 4 galets / 4 Flügel seitliche paket-lagerung mit vierrädrigem rollenapparat / 4 Hojas plegables con carro 4 ruedas / 4 Створки с боковой заверткой с тележкой 4 колеса

Diagram with closed doors

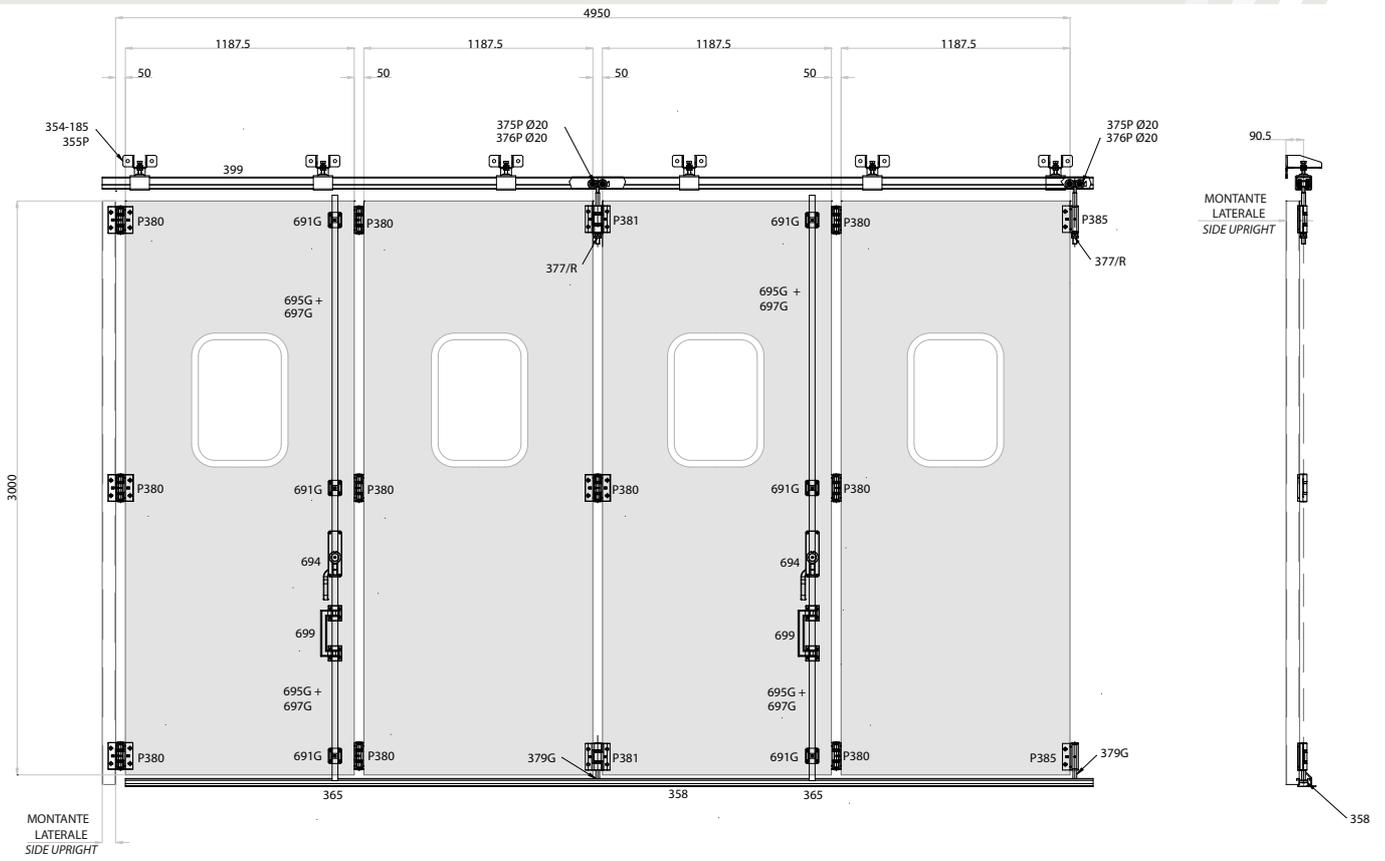
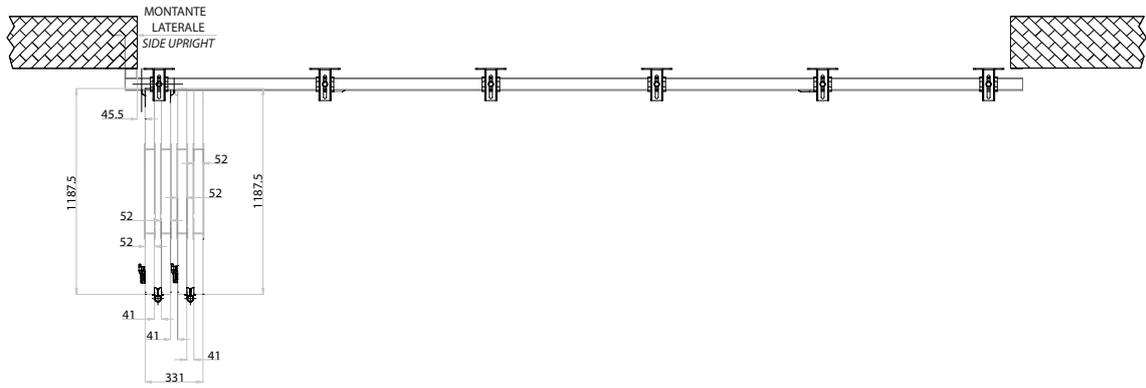
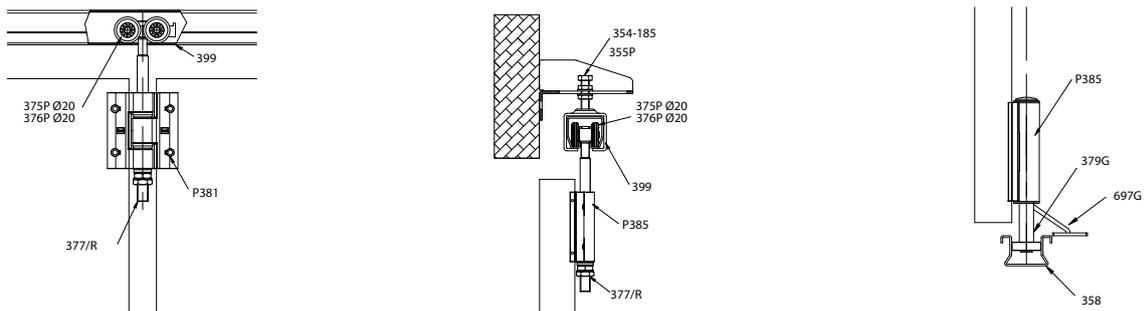


Diagram with open/closed doors



Technical details



Suggested KIT

	ART.	DESCRIPTION	Box info Pcs per pack	PAG.
	399	Small galvanized upper guide for trolleys with four wheels / Rail supérieur pour chariots 4 galets petits zingues / Obere laufschiene für rollenapparate mit 4 rollen klein verzinkt / Monocarril superior pequeño galvanizado para carros con 4 ruedas / Верхний монорельс для тележек с 4 колесами малый оцинкованный	1 (6.0 m)	311
	354-185	Adjustable wall rod 185 mm. / Support reglable au mur mm. 185 / Regulierbarer wandbügel 185 mm / Placa regulable de pared 185 mm / Регулируемый настенный кронштейн мм 185	6	299
	355 P	Adjustable guide support / Support guide reglable / Regulierbare führung / Soporte guía regulable / Опора регулируемой направляющей	6	300
	375 P20 / 376 P20	Small steel trolley with four wheels - nylon / Chariot petit a 4 galets en acier - nylon / Rollenapparat klein mit 4 stahlrollen - nylonrollen / Carro pequeño con 4 ruedas de acero - nylon / Маленькая тележка с 4 нейлоновыми/стальными колесами	2	307
	694 MC	Large star lever bolt / Cremone star grande / Treibriegel star gross / Falleba star grande / Большой болтовой рычаг star	2 SX	321
	699	Nylon pull handle with guides / Poignée d'entraînement en nylon avec traversants / Nylongriff zum ziehen mit laschen / Tirador de nylon con puentes / Ручка из нейлона со сквозными направляющими	2	323
	695 G	Closing tubular rod 30x10 / Tringle tubulaire de fermeture 30x10 / Rohrverschlussstange 30x10 / Varilla de cierre tubular 30x10 / Закрывающий стержень трубчатый 30x10	2 (1.20 m) + 2 (3.0 m)	322
	691 G	Rod guide 30x10 / Traversant pour tringles 30x10 / Lasche für stangen 30x10 / Puente para varillas 30x10 / Сквозная направляющая для стержней 30x10	6	319
	365	Floor strike plate for rods / Butoir pour tringles / Auflaufschuh für stangen / Encuentro para varillas / Упор для стержней	2	303
	P380	Die-cast aluminium double hinge with steps / Paumelle double en aluminium moulee avec butees / Doppelscharnier aus alu-druckguss flach, ohne bolzen / Pernio doble de aluminio fundido a presión con topes / Плоский двойной шарнир из литого алюминия с упорами	10	331
	P381	Die-cast aluminium double hinge, without pin / Paumelle double en aluminium moulee avec butees, sans pivot / Doppelscharnier aus alu-druckguss mit stützen / Pernio doble de aluminio fundido a presión con topes, sin eje / Двойной шарнир из литого алюминия с упорами без штифта	2	329
	P385	Die-cast aluminium hinge with step / Paumelle simple en aluminium moulee avec butee / Einzel-scharnier aus alu-druckguss flach / Pernio de aluminio fundido a presión con tope / Одинарный шарнир из литого алюминия с упором	2	332
	377 R	Lowered upper pin / Pivot supérieur surbaisse / Oberer bolzen herabgesenkt / Perno superior rebajado / Верхний штырь пониженный	2	308
	379 G 200	Adjustable lower pin with bearing / Pivot inférieur reglable avec roulement / Regulierbarer unterer bolzen mit kugellager / Perno inferior regulable con rodamiento / Нижний регулируемый штифт с подшипником	2	305
	358	Lower guide to be cemented, length 6 meters / Guide inferieure a cimenter de m. 6,00 / Untere führung zum einzementieren, länge 6 m / Guía inferior para cementar de 6,00 m / Нижняя цементируемая направляющая м 6,00	1 (6,0 m)	301
	239	Door leaf suppperper / Embout d'amortissage vantaux / Stossdämpfer für türe / Amortiguador hojas / Амортизирующая пробка створки	3	295

4 Side folding panels with heavy steel trolley / 4 Vantaux ramassage latéral avec chariot en acier lourd
 / 4 Flügel seitliche paket-lagerung mit rollenapparat aus schwerem stahl / 4 Hojas plegables con
 carro de acero pesado / 4 Створки с боковой заверткой с тяжелой тележкой из стали

Diagram with closed doors

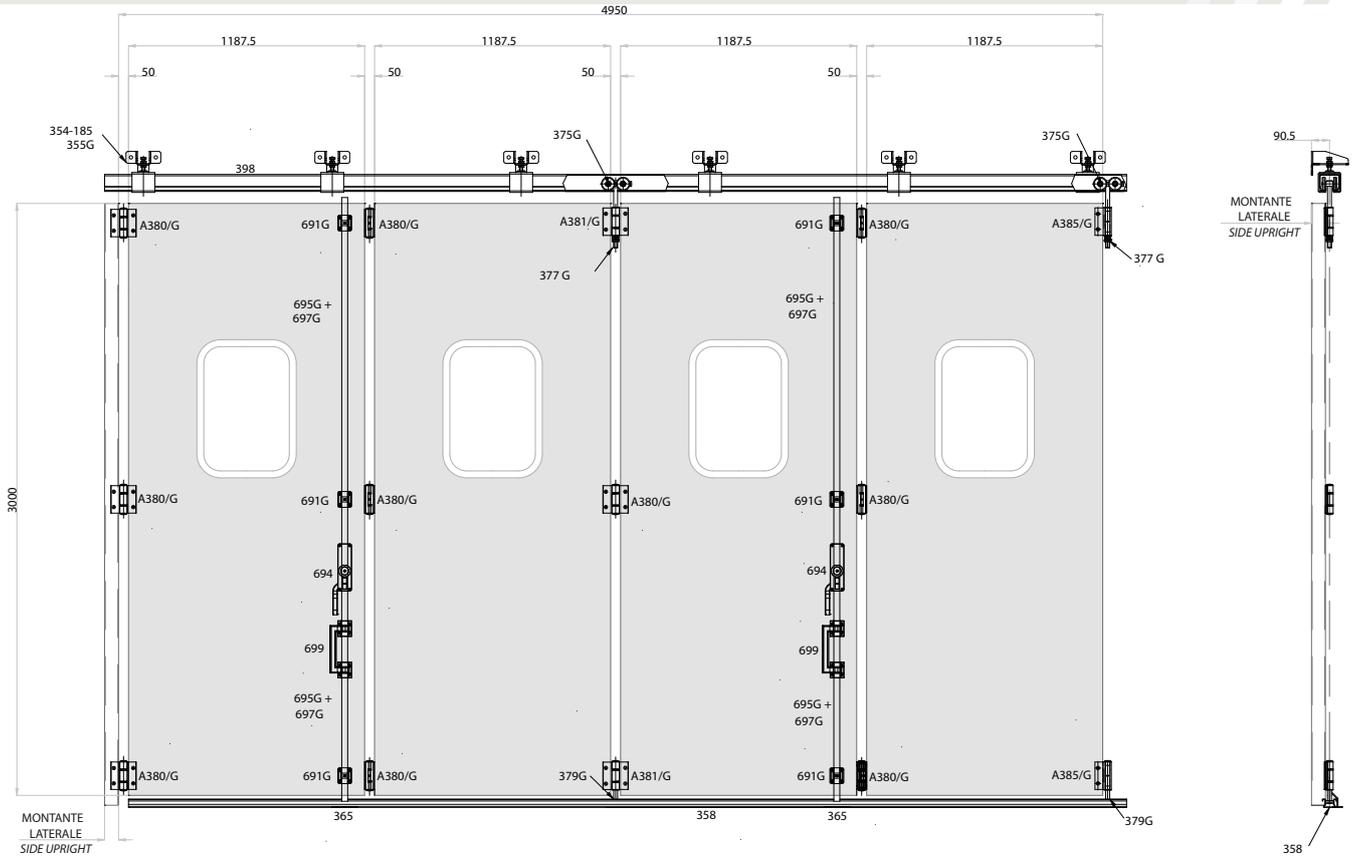
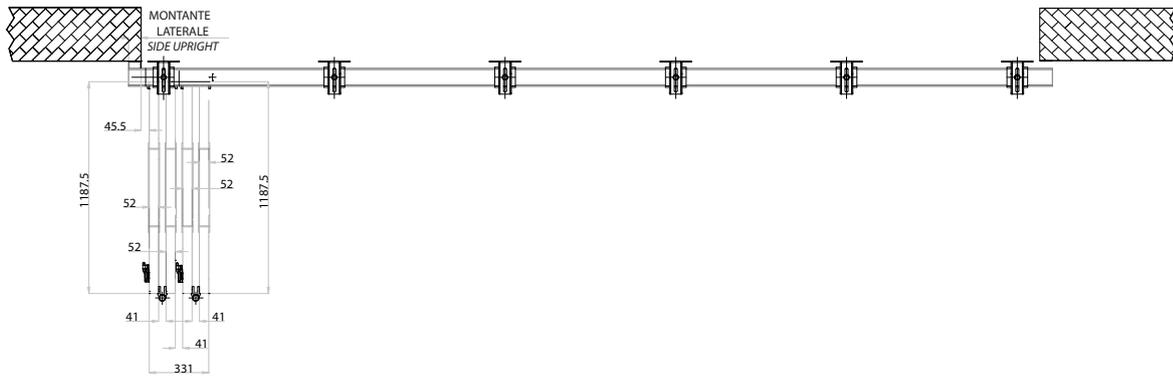
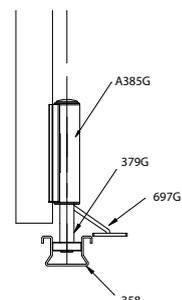
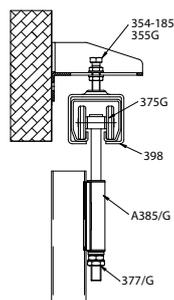
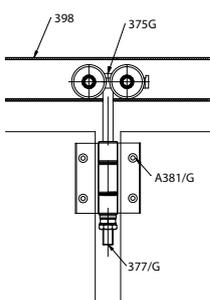


Diagram with open/closed doors



Technical details



Suggested KIT

	ART.	DESCRIPTION	Box info Pcs per pack	PAG.
	398	Large galvanized upper guide for trolleys with four wheels / Rail supérieur pour chariots 4 galets grands zingues / Obere laufschiene für rollenapparate mit 4 rollen gross verzinkt / Monocarril superior grande galvanizado para carros con 4 ruedas / Верхний монорельс для тележек с 4 колесами большой оцинкованный	1 (6.0 m)	311
	354-185	Adjustable wall rod 185 mm. / Support réglable au mur mm. 185 / Regulierbarer wandbügel 185 mm / Placa regulable de pared 185 mm / Регулируемый настенный кронштейн мм 185	6	299
	355 G	Adjustable guide support / Support guide réglable / Regulierbare führung / Soporte guía regulable / Опора регулируемой направляющей	6	300
	375 G	Large steels trolley with four wheels for pin, 20 mm. / Chariot grand a 4 galets en acier pour pivot de mm. 20 / Rollenapparat gross mit 4 stahlrollen für bolzen 20 mm / Carro grande con 4 ruedas de acero para perno de 20 mm / Большая тележка 4 стальными колесами для штифта мм 20	2	307
	694 MC	Large star lever bolt / Cremone star grande / Treibriegel star gross / Falleba star grande / Большой болтовой рычаг star	2 SX	321
	699	Nylon pull handle with guides / Poignée d'entraînement en nylon avec traversants / Nylongriff zum ziehen mit laschen / Tirador de nylon con puentes / Ручка из нейлона со сквозными направляющими	2	323
	695 G	Closing tubular rod 30x10 / Tringle tubulaire de fermeture 30x10 / Rohrverschlussstange 30x10 / Varilla de cierre tubular 30x10 / Закрывающий стержень трубчатый 30x10	2 (1.20 m) + 2 (3.0 m)	322
	691 G	Rod guide 30x10 / Traversant pour tringles 30x10 / Lasche für stangen 30x10 / Puente para varillas 30x10 / Сквозная направляющая для стержней 30x10	6	319
	365	Floor strike plate for rods / Butoir pour tringles / Auflaufschuh für stangen / Encuentro para varillas / Упор для стержней	2	303
	A380 G	Large aluminium double hinge with steps / Paumelle double grande en aluminium avec butées / Doppelscharnier klein aus aluminium flach, ohne bolzen / Pernio doble grande de aluminio con topes / Большой двойной шарнир из алюминия с упорами	10	326
	A381 G	Large aluminium double hinge with steps, without pin / Paumelle double grande en aluminium avec butées, sans pivot / Doppelscharnier aus aluminium flach, regulierbar / Pernio doble grande de aluminio con topes, sin eje / Большой двойной шарнир из алюминия с упорами, без штифта	2	327
	377 G 330	Upper pin for trolleys / Pivot supérieur pour chariots / Oberer bolzen für rollenapparate / Perno superior para carros / Верхний штырь для тележек	2	307
	379 G 200	Adjustable lower pin with bearing / Pivot inférieur réglable avec roulement / Regulierbarer unterer bolzen mit kugellager / Perno inferior regulable con rodamiento / Нижний регулируемый штифт с подшипником	2	305
	358	Lower guide to be cemented, length 6 meters / Guide inferieure a cimenter de m. 6,00 / Untere führung zum einzementieren, länge 6 m / Guía inferior para cementar de 6,00 m / Нижняя цементируемая направляющая м 6,00	1	301
	239	Door leaf suppperper / Embout d'amortissage vantaux / Stossdämpfer für türe / Amortiguador hojas / Амортизирующая пробка створки	3	295

Life made easy

GENERAL TERMS OF SALE

1. GENERAL

- 1.1 This document is directed at the customers (hereinafter referred to as "Customers") of FRATELLI COMUNELLO SPA (hereinafter referred to as "FRATELLI COMUNELLO SPA").
- 1.2 It is intended to define the provisions regulating all purchase contracts entered into between FRATELLI COMUNELLO SPA and each Customer (hereinafter referred to as "General Conditions of Sale").
- 1.3 Purchase agreements subject to the General Conditions of Sale cover Products bearing the COMUNELLO brand (hereinafter referred to as "the Products").

2. PRELIMINARY OFFERS

- 2.1 Offers put forward by FRATELLI COMUNELLO to the Customers shall be valid for a maximum period of 15 (fifteen) days from the date on which they are sent.

3. ORDERS

- 3.1 Pursuant to article 1329 of the Italian Civil Code, purchase orders signed by the Customers and addressed to FRATELLI COMUNELLO SPA constitute an established, irrevocable offer, valid for a period of 30 (thirty) days from the date on which they are received by FRATELLI COMUNELLO SPA.
- 3.2 The purchase agreement is executed once:
 - a) the purchase order is confirmed in writing by FRATELLI COMUNELLO SPA;
 - b) the purchase order is physically processed by FRATELLI COMUNELLO SPA.
- 3.3 Variations or additions to the individual provisions contained in the General Conditions of Sale or the purchase order will only be effective if expressly approved in writing by FRATELLI COMUNELLO SPA. If the purchase order is modified, FRATELLI COMUNELLO SPA reserves the right to cancel both the variations made and the original purchase order.
- 3.4 The date indicated in purchase orders for the delivery of the Products is always and in any event intended merely as an indication and any delays beyond the fixed date will not justify any claims for compensation or actions to terminate the agreement. More precisely, FRATELLI COMUNELLO SPA reserves the right to extend the delivery terms and to cancel the purchase order due to events of force majeure or events that are beyond its control; a change in the Customer's legal status; difficulties affecting the supply of raw materials or components.

4. DELIVERY AND SHIPMENT

- 4.1 The Products are delivered to either the production premises or the registered office of FRATELLI COMUNELLO SPA (hereinafter referred to as "Delivery").
- 4.2 If the Products are delivered Ex-works Cassola (VI) INCOTERMS 2020, risk will pass at the time of Delivery of the Products by FRATELLI COMUNELLO SPA to the Customer, who will also bear the transportation costs.
- 4.3 Unless otherwise agreed, FRATELLI COMUNELLO SPA establishes, in the Customer's name and on its behalf, the transportation route and carrier.
- 4.4 FRATELLI COMUNELLO SPA reserves the right to process partially or make partial Deliveries of purchase orders. The Customer may not make any objection regarding fractioned and/or partial deliveries. All partial Deliveries must be invoiced separately and the terms for payment will run from the date of each invoice. Payment of partial Deliveries may not be postponed until the final Delivery under the original purchase order. In the case of partial deliveries, the provisions contained in clause 4.1 will apply.

5. PRICES AND PRICE LISTS

- 5.1 The price is as specified in the last Comunello price list for the products delivered to the Customer, including normal packaging and excluding shipping costs (hereinafter the "Price"). The last price list issued by FRATELLI COMUNELLO SPA cancels all previous price lists and, unless otherwise agreed, it shall be applicable to the sale.

6. PAYMENT

- 6.1 The Price must be settled by the agreed date. Without prejudice to the right to claim further damage, failure to pay the Price by that date will give rise to the payment of interest for delay in commercial transactions, at the rate envisaged in Legislative Decree no. 231 dated 9.10.2002 and subsequent amendments and additions thereto. This interest will run from the date on which payment should have been made.
- 6.2 The Customer may not make applications or complaints to FRATELLI COMUNELLO SPA until the Price has been settled.
- 6.3 If payments have not been duly made, FRATELLI COMUNELLO SPA reserves the right to block all purchase orders and all Deliveries underway, without giving any prior notice or creating any right to compensation for any damage incurred.

7. RETURNED GOODS AND COMPLAINTS

- 7.1 All complaints must be made in writing within 8 (eight) days from receipt of the Products, whether they relate to either the quantity or the quality of the Products delivered.
- 7.2 Returned Products will only be accepted by FRATELLI COMUNELLO SPA if first agreed upon in writing and exclusively in relation to Products which are new and intact and still in their original packaging.
- 7.3 Goods returned must be accompanied by an appropriate transportation document for the return of merchandise, referring to the written authorisation obtained from FRATELLI COMUNELLO SPA and the quantity and quality of the Products.
- 7.4 Returned goods will not be held to have been accepted by FRATELLI COMUNELLO SPA if not delivered in the manner described above and, in particular, the delivery of the Products to the registered office or storage premises or FRATELLI COMUNELLO SPA will not be considered as an acceptance of returned goods.
- 7.5 It is understood that any amount credited with reference to goods returned for reasons that are not attributable to FRATELLI COMUNELLO SPA will be decreased by 30%.

8. WARRANTY

- 8.1 This warranty is supplied as part of commercial dealings or in the event of the sale of goods for professional use in keeping with article 1512 of the Italian Civil Code and, unless otherwise agreed by the Parties, is limited to the repair or replacement of the Product parts recognised by FRATELLI

COMUNELLO SPA as defective with equivalent repaired Products (hereinafter referred to as the "Standard Warranty"). The labor cost necessary for replacements and repairs is charged to the buyer.

- 8.2 The provisions contained in articles 1490-1495 of the Italian Civil Code, relating to legal warranties, do not apply.
- 8.3 FRATELLI COMUNELLO SPA warrants that the Products are in good working order. Unless otherwise agreed, the Standard Warranty is valid for a period of 24 (twenty-four) months from the date of production, established for the Products. The warranty for the tubular motors in the Showin line is valid for 60 (sixty) months from the date of production, whilst for the remaining Products in the Frame Automation line the warranty is valid for a period of 36 (thirty-six) months from the date of production. The validity of the Standard Warranty is conditional upon conformity of the technical characteristics and adoption of correct installation, executed in a workmanlike manner, safety and maintenance methods and conformity of use, expressly indicated in the technical documentation accompanying the Products.
- 8.4 The warranty does not cover: faults or damage caused by transportation; faults or damage caused by defects in the electric supply system installed at the premises of the purchaser of the Product and/or negligence, inadequacy or improper use of that system; faults or damage resulting from tampering on the part of non-authorized personnel or as a result of incorrect use/installation (in this regard, we recommend that the system be serviced at least every six months) or utilisation of non-original spare parts; defects caused by chemical agents and/or atmospheric conditions. The warranty does not cover the cost of expendable material nor expenses stemming from presumed defects or unnecessary inspections.
- 8.5 Implementation of warranty: unless otherwise agreed, the right to apply the Standard Warranty is exercised by presenting a copy of the purchase document (fiscal invoice) to FRATELLI COMUNELLO SPA. The Customer must report the defect to FRATELLI COMUNELLO SPA within a period of 30 (thirty) days from the date on which it is discovered. Action must be taken within the statutory limitation period of 6 (six) months from the date of discovery. The parts of the Products for which a claim is made under the Standard Warranty must be sent by the Customer to FRATELLI COMUNELLO SPA Via Cassola 64 c.p. 79, 36027 Rosà (VI) Italy.
- 8.6 The Customer may not claim compensation for consequential damage, loss of profit, loss of production or may not in any event claim as compensation sums exceeding the value of the components or the Products supplied. All expenses relating to the transportation of the Products to be repaired or repaired, even if covered by the Standard Warranty, are borne by the Customer.
- 8.7 No external operation carried out by FRATELLI COMUNELLO SPA technical staff is covered by the Standard Warranty.
- 8.8 Specific modifications to the conditions contained in the Standard Warranty described herein may be established by the Parties in their sales agreements.

9. REPAIRS

- 9.1 Repairs to the Products requested by the Customer will be carried out by FRATELLI COMUNELLO SPA, having first agreed on the cost of the operation. In any event labour and transportation (to and from its premises) will be borne by the Customer.

10. RETENTION OF TITLE

- 10.1 It is expressly agreed that title to the Products will remain with FRATELLI COMUNELLO SPA until the Price has been fully settled by the Customer, regardless of whether it has possession of the said Products. Transportation costs and other expenses proving necessary to recover Products, such as extraordinary and recurring expenses, will be borne by the Customer.

11. PATENTS, TRADEMARKS AND DISTINCTIVE SIGNS

- 11.1 The Customer is aware of the fact that the Products are covered by patents and are the subject of Know-How and designs owned exclusively by FRATELLI COMUNELLO SPA, in keeping with the Italian Industrial Property Code.
- 11.2 It is expressly directed that the Customer must not under any circumstances infringe the rights of FRATELLI COMUNELLO SPA and the Customer may not in any event remove, delete or in any way alter trademarks or other distinctive signs or marks of any kind affixed to the Products, nor may it affix to them new marks or signs of any kind. No form of reproduction or use of the FRATELLI COMUNELLO SPA trademark or any other distinctive sign attached to the Products is permitted, without written authorisation from FRATELLI COMUNELLO SPA.

12. EXPRESS TERMINATION

- 12.1 Within the meaning and for the purposes envisaged in article 1456 of the Italian Civil Code, default in payment or payment delayed beyond ten days of the Price by the Customer, even if only partial, in the manner described in clause 6 of these General Conditions of Sale, will result in the termination of the purchase agreement and entitle FRATELLI COMUNELLO SPA to demand compensation of damage incurred from the Customer, as well as the return of those Products for which the Customer has not yet paid the Price.
- 12.2 The notice referred to in the previous sub-clause must be transmitted by registered mail with advice of receipt or by certified electronic mail.

13. AGREEMENTS BETWEEN THE PARTIES

- 13.1 Any agreements, already existing or entered into subsequently, between FRATELLI COMUNELLO SPA and the Customer, in relation to returned goods and methods of payment will prevail over the provisions contained in the General Conditions of Sale.

14. APPLICABLE LAW AND JURISDICTION

- 14.1 Purchase agreements stipulated in accordance with the General Conditions of Sale are subject to and must be construed in accordance with Italian law, excluding any other legislation or laws.
- 14.2 Any dispute that may arise in relation to the aforementioned purchase agreements shall be subject to Italian jurisdiction and referred exclusively to the Court of Vicenza (Italy). The contents of this catalogue may be modified at any time without the need for prior notice from Fratelli Comunello SPA.

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TECHNICAL INFORMATION
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FRATELLI COMUNELLO S.P.A.

HEADQUARTERS

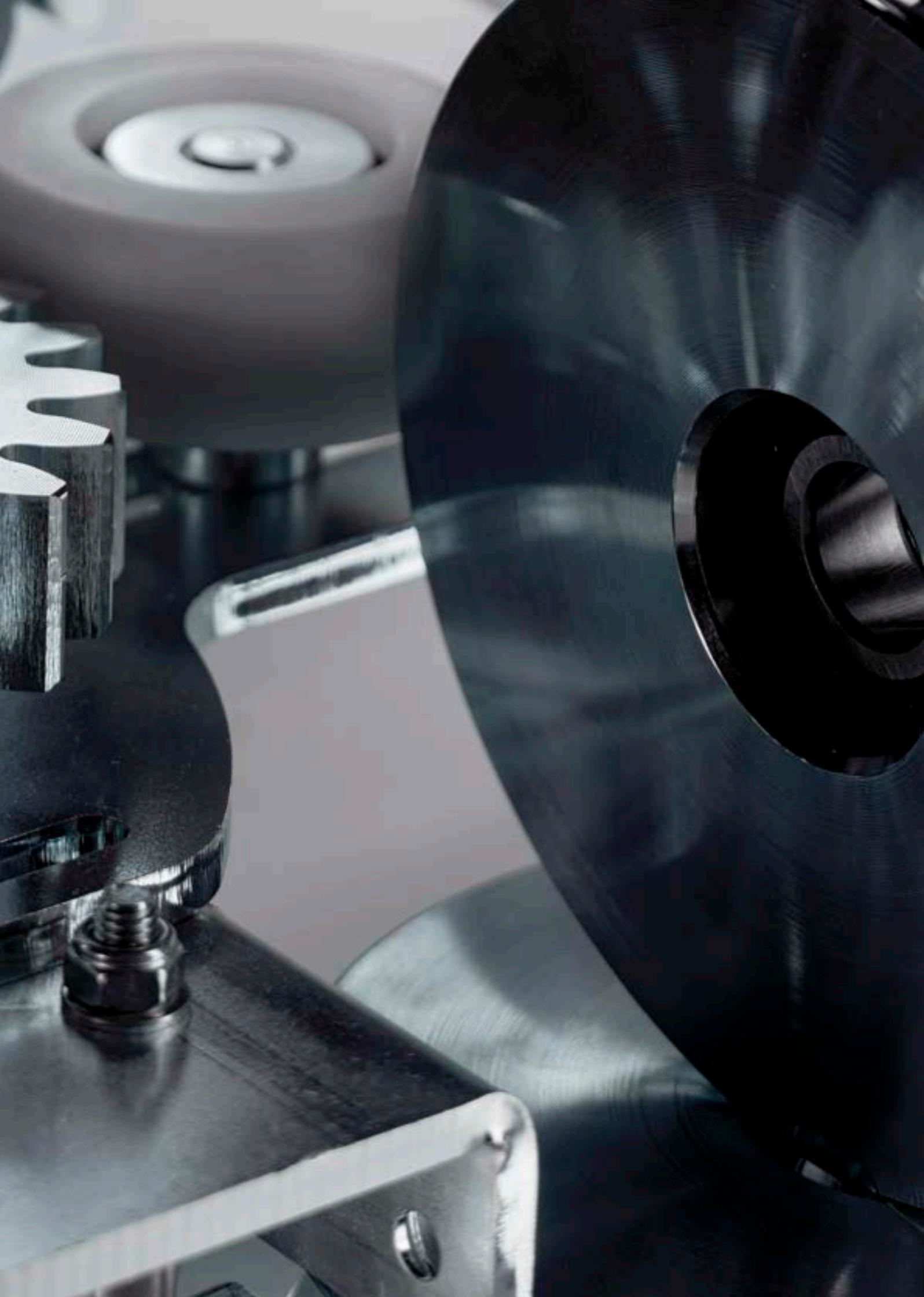
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