

Life
made
easy

PORTONI INDUSTRIALI

INDUSTRIAL DOOR SYSTEM

04



1965-2015

Precisely 50 Years

Cinquant'anni precisi da quando il fondatore, Vittorio Comunello, ha intrapreso la sua avventura pionieristica creando un'azienda produttrice di componenti per cancelli scorrevoli che in breve conquista, e tuttora mantiene, una posizione di leader sul mercato per innovazione e ricerca della qualità assoluta.

Cinquant'anni di precisione nella realizzazione di elementi perfetti, sempre al passo con l'evoluzione delle più avanzate tecnologie ed in grado di garantire i più alti standard di sicurezza.

It's precisely 50 years since our founder, Vittorio Comunello, started on his pioneering adventure to build a company for the production of components for sliding gates. The company was an instant success and has maintained its reputation and market position based on innovative solutions and an unrivalled reputation for absolute quality.

50 years of precision in the manufacture of perfect components, maintaining pace with the evolution of the most advanced technologies while guaranteeing complete security and safety.

COMUNELLO
GATE DIVISION



Tutto, di più e meglio.

A huge range of the finest products.

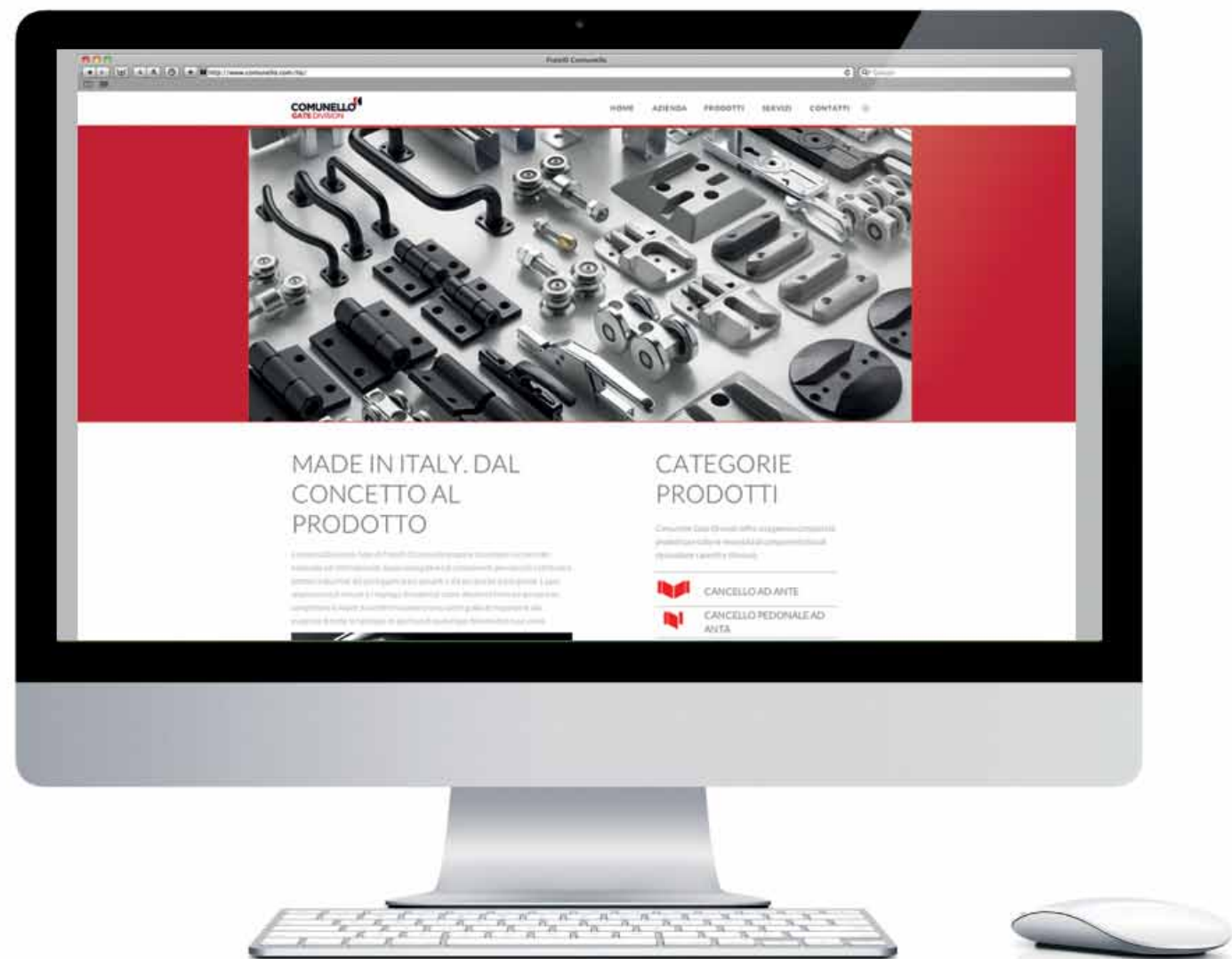
La storica **Divisione Gate** di Comunello propone da sempre sul **mercato nazionale ed internazionale** la più vasta gamma di componenti per cancelli scorrevoli e portoni industriali dai più leggeri ai più pesanti e dai più piccoli ai più grandi. La più ampia scelta di misure e l'impiego di materiali come alluminio ferro ed acciaio inox completano il valore di un'offerta davvero unica ed in grado di rispondere alle **esigenze di tutte le tipologie** di apertura di qualunque dimensione esse siano.

*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.*



Configuratore online

Web Configurator



Sempre al passo coi tempi e con le nuove tecnologie digitali, l'azienda ha creato delle speciali **applicazioni web-based**, utilizzabili anche da dispositivi mobili quali smartphone e tablet. Tali applicativi, caratterizzati da un approccio semplice ed intuitivo, consentono una selezione precisa dei prodotti Comunello Gate Division inserendo alcuni dati di base come: **la misura, il peso e le dimensioni del cancello**. I configuratori sono differenziati nelle principali aree funzionali di impiego degli accessori per cancello: cancello cantilever, cancello scorrevole, cancello battente.

*Comunello is committed to remaining at the forefront of technological and digital evolution and has developed a range of **web-based applications** for use across all mobile devices and platforms. These apps are designed to be easy and intuitive to use and provide access to the full range of Comunello products simply by entering a few key pieces of information on **gate size, weight and dimensions**. Configurators are available for all gate types: Cantilever, Sliding and Swing.*



PORTONI INDUSTRIAL INDUSTRIAL DOOR SYSTEMS



Industrial folding doors

Configuratore portoni ad anta.
Scegli dalla nostra gamma di componenti
di alta qualità.

Folding doors configurator.
Choose from our vast range of
high quality components.



Carrelli e perni
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

Accessori
Accessories



ART.	PAG.
249-30	296
387	308
239	295
246	295

Cariglioni
Lever bolts



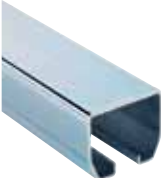
ART.	PAG.	ART.	PAG.
690MC	318	695G	322
693MC	321	695PM	323
694MC	321	695GM	323
696MC	324	680	315
698MC	325	682	316
691P	319	683	316
691G	319	684	316
692P	320	685	317
692G	320	686	317
693 MC	321	687	317
695P	322		

Incontri e battenti
Strikes and stops



ART.	PAG.
358	301
379	305
361	302
362	302
363	302
364	303
366	304
367	303
378	305

Monorotaie e supporti
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

Cerniere e accessori
Hinges and accessories



ART.	PAG.	ART.	PAG.
A370P	326	P368S	330
A371P	326	P368M	330
A380P	327	P370	330
A381P	328	P371	331
A380G	326	P380	331
A380R	327	P381	331
A381G	327	P385	332
A384P	328	R383-13.5	332
A385P	328	R383-33	332
P365	329	R378	333
P365R	329	400	333
P368I	329		



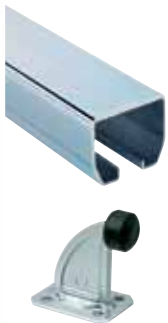
Industrial sliding doors

Configuratore portoni scorrevoli.
Scegli dalla nostra gamma di componenti
di alta qualità.

Sliding doors configurator.
Choose from our vast range of
high quality components.



Monorotaie e accessori
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

Cariglioni
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		

Maniglioni a tirare
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

Carrelli
Trolleys



ART.	PAG.
2	282
2C	282
4	282
4C	283
38	290
39	291
40	291
41	291
43	292
44	292
46	293

ART.	PAG.
48	293
50	293
52	294
54	294
56	294
60	295
248	296
375G	307
375P	306
376P	307
377G-SC	308



2

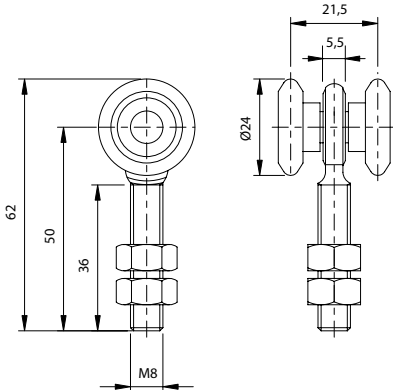
Carrello a 2 ruote
Trolley with 2 wheels
Chariot à 2 galets
Zweirädriger Rollenapparat
Carro con 2 ruedas
Тележка с 2 колесами



CODE	ART.	Size	Portata Capacity	Box info	
				Pcs per pack	Kg
10100505 001	2	Piccolo Ø 24	30 kg	16	1,2

Finishing: Zincato / Galvanized

Categoria commerciale: 1C



2C

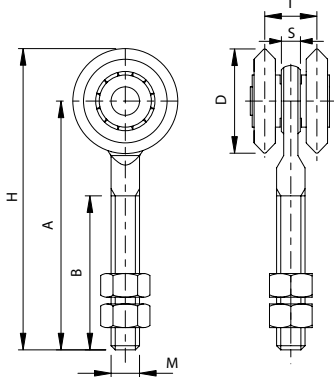
Carrello a 2 ruote con cuscinetto
Trolley with two wheels and bearing
Chariot à 2 galets avec roulement
Zweirädriger Rollenapparat mit Kugellager
Carro con 2 ruedas con rodamiento
Тележка с 2 колесами с подшипником



CODE	ART.	Size	A	B	D	I	H	M	S	Portata ruota Capacity wheel	Box info	
											Pcs per pack	Kg
10100610 001	2C	Medio Ø44	105	65	Ø44	22	127	M12	8	250	16	5,00
10100615 001	2C	Grande Ø54	122	80	Ø54	30	149	M20	10	350	16	10,80

Finishing: Zincato / Galvanized

Categoria commerciale: 1C



2 CUSCINETTI
2 BEARINGS

4

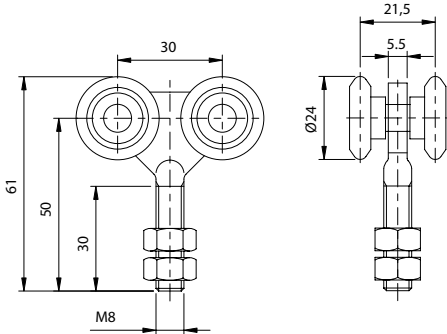
Carrello a 4 ruote
Trolley with four wheels
Chariot à 4 galets
Vierrädriger Rollenapparat
Carro con 4 ruedas
Тележка с 4 колесами



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: Zincato / Galvanized

Categoria commerciale: 1C



4C

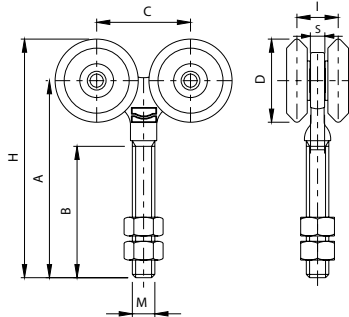
Carrello a 4 ruote con cuscinetto
Trolley with four wheels and bearing
Chariot à 4 galets avec roulement
Vierrädriger Rollenapparat mit Kugellager
Carro con 4 ruedas con rodamiento
Тележка с 4 колесами с подшипником



CODE	ART.	Size	A	B	C	D	H	I	M	S	Portata ruota Capacity wheel	Box info	
												Pcs per pack	Kg
10101110 001	4C	Medio Ø44	105	70	50	Ø44	127	22	M12	7	280	16	9,30
10101115 001	4C	Grande Ø54	125	80	60	Ø54	152	30	M20	10	400	16	19,60

Finishing: Zincato / Galvanized

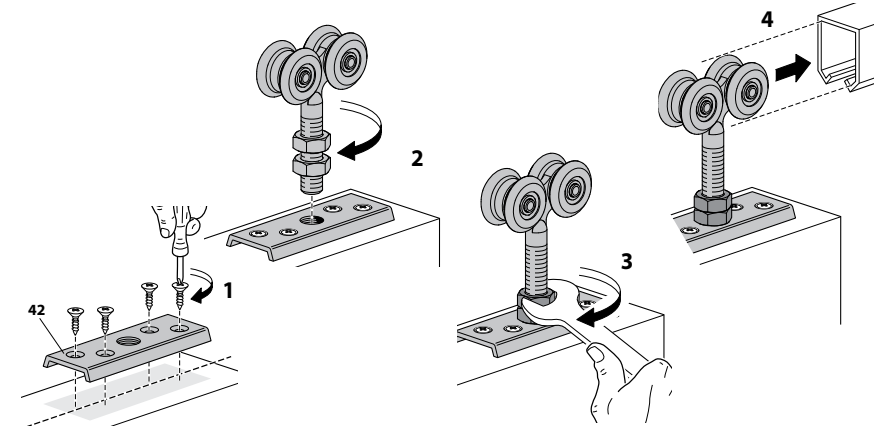
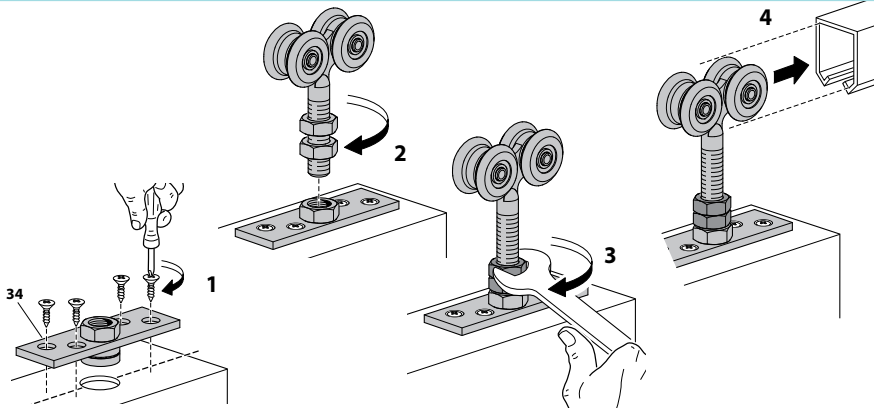
Categoria commerciale: 1C



4 CUSCINETTI
4 BEARINGS

PATENTED

Mounting instructions art. 4C





8

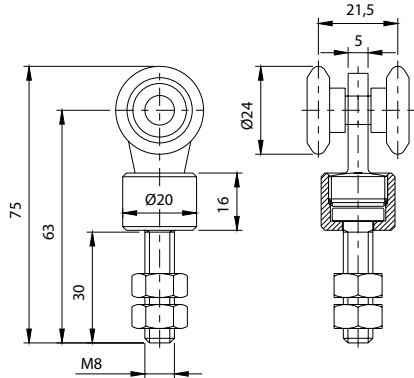
Carrello a 2 ruote girevole
Turning trolley with two wheels
Chariot à 2 galets pivotant
Zweirädriger Schwenkrollenapparat
Carro con 2 ruedas giratorias
Тележка с 2 поворотными колесами



CODE	ART.	Size	Portata Capacity	Box info	
				Pcs per pack	Kg
10102005 001	8	Piccolo Ø 24	30 kg	16	1,8

Finishing: Zincato / Galvanized

Categoria commerciale: 1C



8C

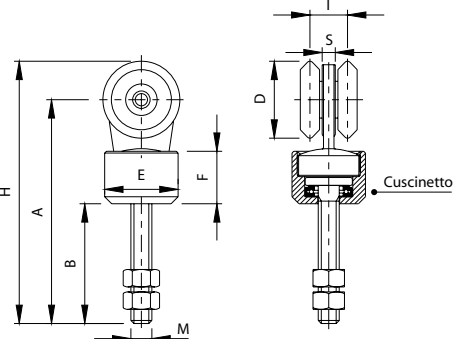
Carrello a 2 ruote girevole con cuscinetti
Turning trolley with two wheels and bearings
Chariot à 2 galets pivotant avec roulements
Zweirädriger Schwenkrollenapparat mit Kugellagern
Carro con 2 ruedas giratorias con rodamientos
Тележка с 2 поворотными колесами с подшипниками



CODE	ART.	Size	A	B	D	E	F	H	I	M	S	Portata ruote Capacity wheel	Box info	
													Pcs per pack	Kg
10102110 001	8C	Medio Ø44	128	68,5	Ø44	Ø42	30	150	22	M12	7,5	250	16	10,70
10102115 001	8C	Grande Ø54	154,5	80,5	Ø54	Ø50	32	181,5	30	M18	10	350	16	19,90

Finishing: Zincato / Galvanized

Categoria commerciale: 1C



2 CUSCINETTI
2 BEARINGS

PATENTED

10

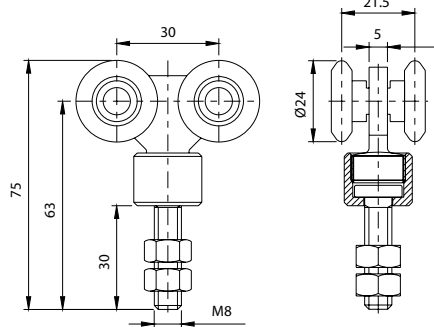
Carrello a 4 ruote girevole
Turning trolley with four wheels
Chariot à 4 galets pivotant
Vierrädriger Schwenkrollenapparat
Carro con 4 ruedas giratorias
Тележка с 4 поворотными колесами



CODE	ART.	Size	Portata Capacity	Box info	
				Pcs per pack	Kg
10102505 001	10	Piccolo Ø 24	50 kg	16	2,7

Finishing: Zincato / Galvanized

Categoria commerciale: 1C



10C

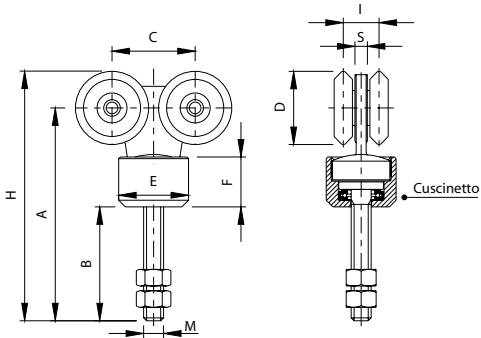
Carrello a 4 ruote girevole con cuscinetti
Turning trolley with four wheels and bearings
Chariot à 4 galets pivotant avec roulements
Vierrädriger Schwenkrollenapparat mit Kugellagern
Carro con 4 ruedas giratorias con rodamientos
Тележка с 4 поворотными колесами с подшипниками



CODE	ART.	Size	A	B	C	D	E	F	H	I	M	S	Portata ruote Capacity wheel	Box info	
														Pcs per pack	Kg
10102610 001	10C	Medio Ø44	128	68,5	50	Ø44	Ø42	30	150	22	M12	7,5	280	16	15,00
10102615 001	10C	Grande Ø54	154,5	80,5	60	Ø54	Ø50	32	181,5	30	M18	10	350	16	27,00

Finishing: Zincato / Galvanized

Categoria commerciale: 1C



4 CUSCINETTI
4 BEARINGS

PATENTED

14C

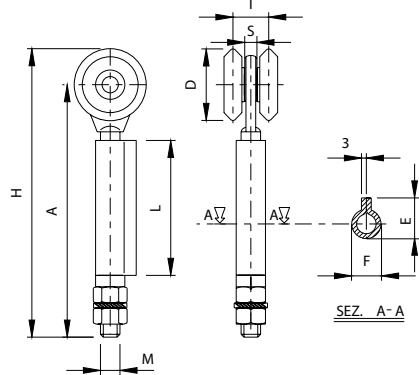
Carrello a 2 ruote con cuscinetti e cerniera ad 1 ala
Trolley with two wheels, bearings and one wing hinge
Chariot avec 2 galets, roulements et paumelle à 1 aile
Zweirädriger Rollenapparat mit Kugellager und 1-Lasche-Torband
Carro con 2 ruedas con rodamientos y pernio de 1 pala
Тележка с 2 колесами с подшипниками и шарниром с 1 полкой



CODE	ART.	Size	A	D	E	F	H	I	L	M	S	Portata ruote Capacity wheel	Box info	
													Pcs per pack	Kg
10103110 001	14C	Medio Ø44	147	Ø44	25	Ø17,6	169	22	83	M12	7,5	250	16	7,90
10103115 001	14C	Grande Ø54	180,5	Ø54	27	Ø19,6	207,5	30	98	M12	10	270	16	14,10

Finishing: Zincato / Galvanized

Categoria commerciale: 1C



2 CUSCINETTI
2 BEARINGS

PATENTED

16C

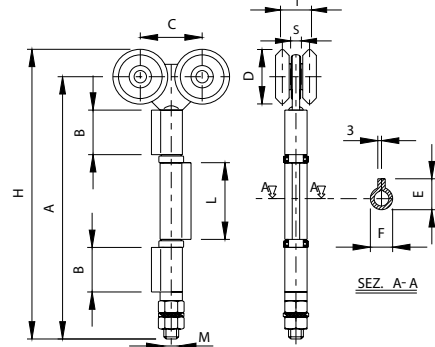
Carrello a 4 ruote con cuscinetti e cerniera 3 ali
Trolley with four wheels, bearings and 3 wings hinge
Chariot avec 4 galets, roulements et paumelle à 3 ailes
Vierrädriger Rollenapparat mit Kugellager und 3-Lasche-Torband
Carro con 4 ruedas con rodamientos y pernio de 3 palas
Тележка с 4 колесами с подшипниками и шарниром с 3 полками



CODE	ART.	Size	A	B	C	D	E	F	H	I	L	M	S	Portata ruote Capacity wheel	Box info	
															Pcs per pack	Kg
10103610 001	16C	Medio Ø44	212	36	50	Ø44	25	Ø17,6	234	22	58	M12	7,5	280	16	14,30
10103615 001	16C	Grande Ø54	226	36	60	Ø54	27	Ø19,6	253	30	52	M12	10,0	300	16	23,00

Finishing: Zincato / Galvanized

Categoria commerciale: 1C



4 CUSCINETTI
4 BEARINGS

PATENTED



20C

Carrello a 4 ruote con cuscinetti e cerniera 1 ala

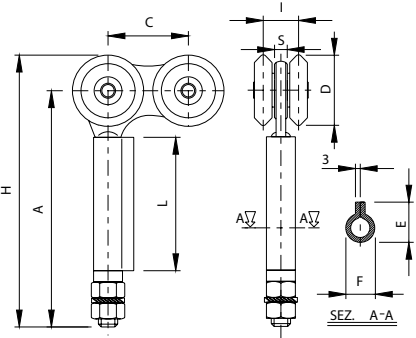
Trolley with four wheels, bearings and one wing hinge
Chariot avec 4 galets, roulements et paumelle à 1 aile
Verrädriger Rollenapparat mit Kugellager und 1 Lasche-Torband
Carro con 4 ruedas con rodamientos y pernio de 1 pala
Тележка с 4 колесами с подшипниками и шарниром с 1 полкой



CODE	ART.	Size	A	C	D	E	F	H	I	L	M	S	Portata ruota Capacity wheel	Box info	
														Pcs per pack	Kg
10104610 001	20C	Medio Ø44	147	50	Ø44	25	Ø17,6	169	22	83	M12	7,5	280	16	12,40
10104615 001	20C	Grande Ø54	199,5	60	Ø54	27	Ø19,6	226,5	30	98	M12	10	300	16	23,50

Finishing: Zincato / Galvanized

Categoria commerciale: 1C



4 CUSCINETTI
4 BEARINGS

PATENTED

24

Monorotaia per carrello piccolo medio grande

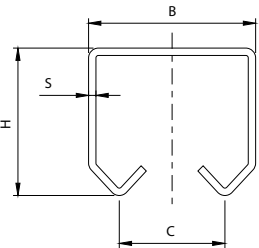
Track for trolleys small-medium-large
Rail pour chariots petit-moyen-grand
Stahlprofil für Rollenaufhängung klein, medium, groß
Monocarril para carro pequeno mediano grande
Монорельс для больших средних и малых тележек



CODE	ART.	Size	B	C	H	L	S	Box info	
								Pcs per pack	Kg
10200505 001	24	Piccolo L=6000	34	21,5	30	6000	1,5	1	10,00
10200510 001	24	Medio L=6000	43	22	53	6000	2,5	1	19,00
10200515 001	24	Grande L=6000	57	30	68	6000	3	1	30,00

Finishing: Zincato / Galvanized

Categoria commerciale: 1L



26

Perno inferiore con cerniera a 1 ala oliva in ottone

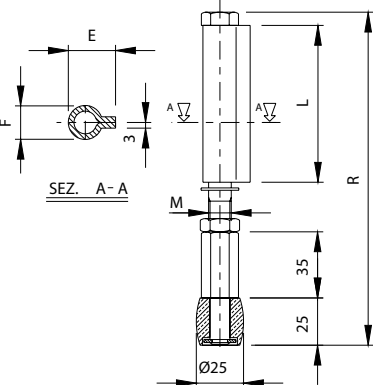
Bottom pivot with 1 wing hinge and brass roller
Pivot inférieur avec paumelle à 1 aile et rouleau en laiton
Unteres Führungsband mit 1-Lasche und Führungsrolle aus Messing
Perno inferior con pernio de 1 pala rodillo de latón
Нижний штырь с шарниром с 1 полкой латунный наконечник



CODE	ART.	Size	E	F	L	M	R	Box info	
								Pcs per pack	Kg
10300505 001	26	Medio	25	Ø17,6	83	M12	165 - 180	16	5,70
10300510 001	26	Grande	27	Ø19,6	98	M14	185 - 200	16	7,60

Finishing: Zincato / Galvanized

Categoria commerciale: 1L



22

Supporto a soffitto per monorotaia art. 24

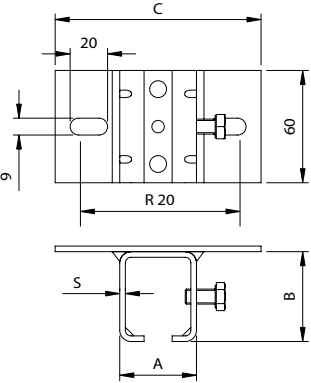
Ceiling support for track art.24
Support au plafond pour rail art.24
Decke-Lager für Stahlprofil Artikel 24
Soporte de techo para monocarril art. 24
Потолочная опора для монорельса арт.24



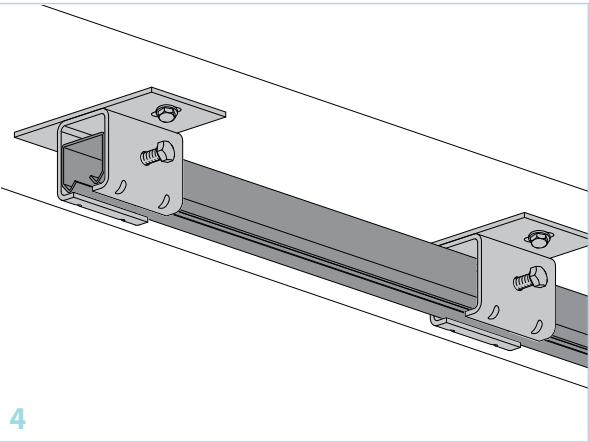
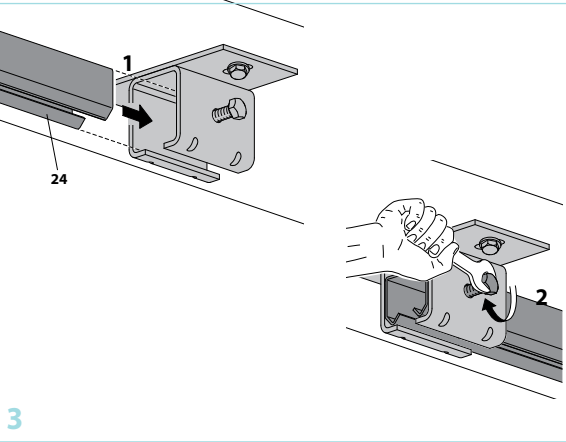
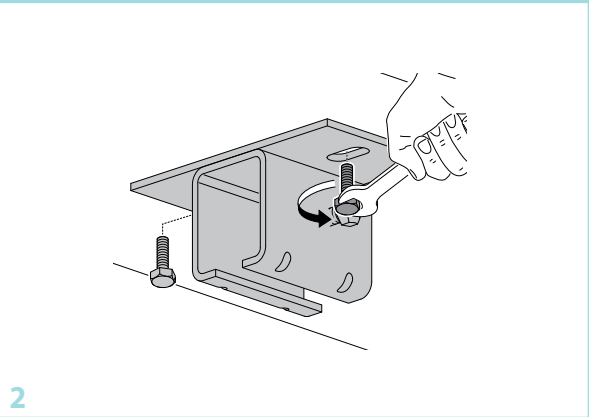
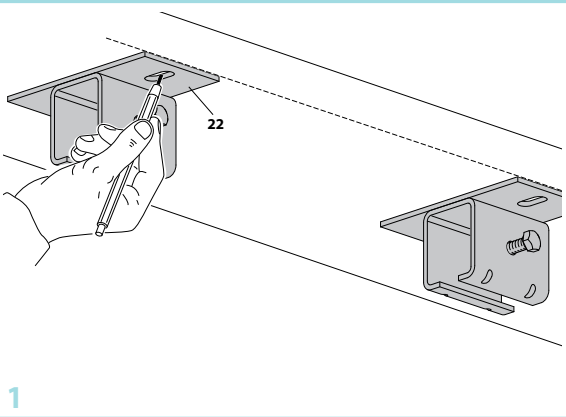
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								Pcs per pack	Kg
10605005 001	22	Piccolo	41	48	54	110	3	10	3,50
10605000 001	22	Medio	52	73	64	120	4	10	4,60
10605010 001	22	Grande	66	88	74	130	4	6	3,90

Finishing: Zincato / Galvanized

Categoria commerciale: 1L



Mounting instructions art. 22





23

Supporto a parete per monorotaia
art. 24

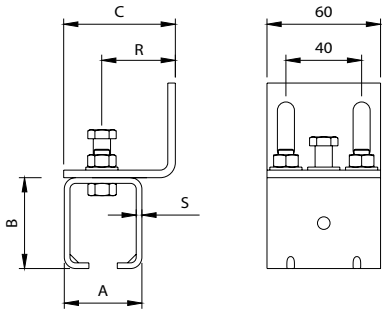
Wall support for track art.24
Support au mur pour rail art.24
Wand-Lager für Stahlprofil Artikel 24
Soporte de pared para monorail art. 24
Настенная опора для монорельса art.24



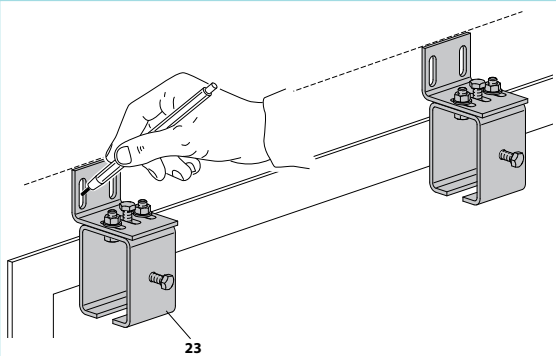
CODE	ART.	Size	A	B	C	R	S	Box info	
								Pcs per pack	Kg
10605505 001	23	Piccolo	41	48	59	21-41	3	10	3,70
10605500 001	23	Medio	52	73	69	25-45	4	10	4,00
10605510 001	23	Grande	66	88	79	35-52	4	6	4,10

Finishing: Zincato / Galvanized

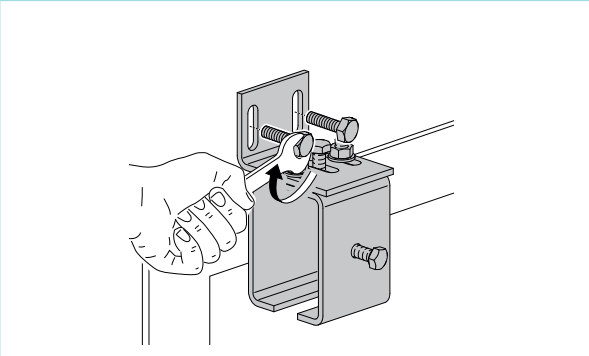
Categoria commerciale: 1L



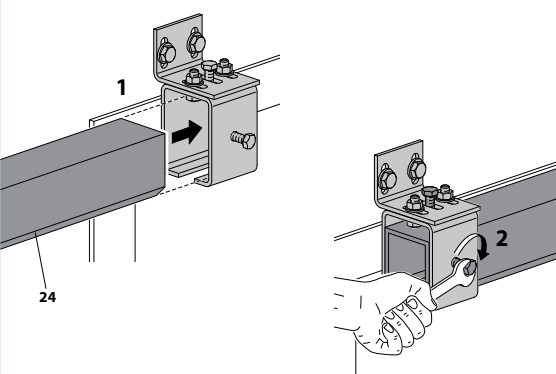
Mounting instructions art. 23



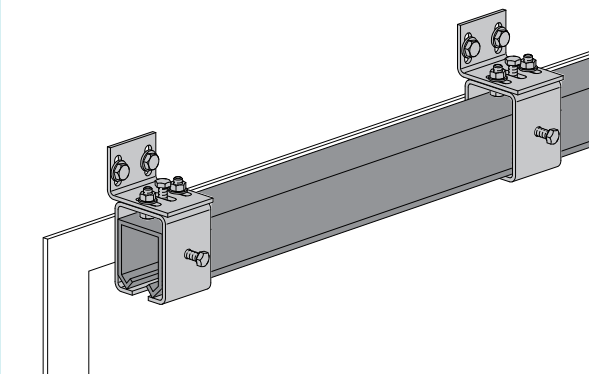
1



2



3



4

28

Perno inferiore con cerniera a 3 ali
oliva ottone

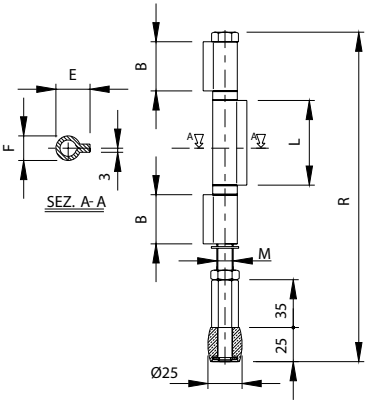
Bottom pivot with 3 wings hinge and brass roller
Pivot inférieur avec paumelle à 3 ailes et rouleau en laiton
Unteres Führungsrolle mit 3-Lasche und Führungsrolle
aus Messing
Perno inferior con perno de 3 palas rodillo de latón
Нижний штырь с шарниром с 3 полками латунный
наконечник



CODE	ART.	Size	B	E	F	L	M	R	Box info	
									Pcs per pack	Kg
10301005 001	28	Medio	36	25	Ø17,6	58	M12	225 - 235	16	7,80
10301010 001	28	Grande	36	27	Ø19,6	52	M14	227 - 242	16	9,00

Finishing: Zincato / Galvanized

Categoria commerciale: 1L



30

Perno filettato oliva in ottone

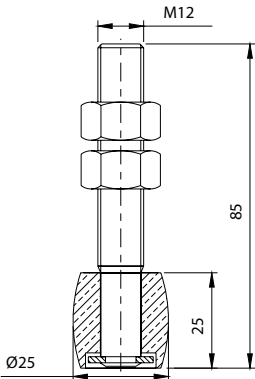
Threaded pivot with brass roller
Pivot taraudé avec rouleau en laiton
Bolzen mit Gewinde und Führungsrolle aus Messing
Perno roscado rodillo de latón
Резьбовой штырь латунный наконечник



CODE	ART.	Size	Box info	
			Pcs per pack	Kg
10301505 001	30-25	Ø 25	20	3,00

Finishing: Zincato / Galvanized

Categoria commerciale: 1L



32

Deviatore rullo in acciaio

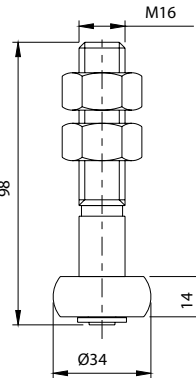
Steel switcher with roller
Déviateur en acier avec rouleau
Ablenker mit Stahlführungsrolle
Desviador rodillo de acero
Отводящее устройство для ролика из стали



CODE	ART.	Size	Box info	
			Pcs per pack	Kg
10400505 001	32-34	Ø 34	20	5,20

Finishing: Zincato / Galvanized

Categoria commerciale: 1L





34

Piastra girevole con cuscinetto per carrelli

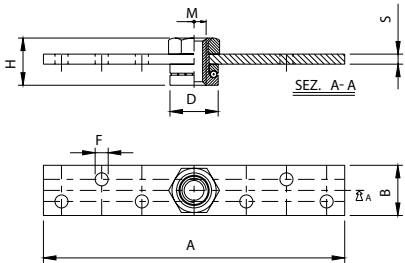
Turning plate with bearing for trolleys
Platine pivotante avec roulement pour chariots
Schwenkplatte mit Kugellager für Rollenapparate
Placa giratoria con rodamiento para carros
Поворотная пластина с подшипником для тележек



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: Zincato / Galvanized

Categoria commerciale: 1L



36

Guida inferiore oliva in ottone

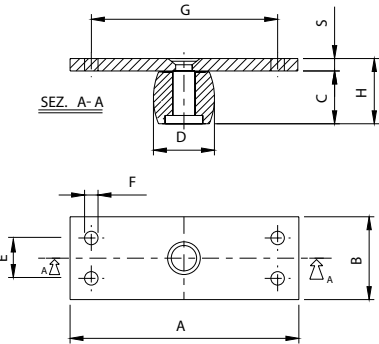
Bottom guide with brass roller
Guide inférieure avec rouleau en laiton
Untere Führungsplatte mit Messing-Führungsrolle
Guía inferior rodillo de latón
Нижняя направляющая латунный наконечник



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: Zincato / Galvanized

Categoria commerciale: 1L



38

Carrello a 2 ruote

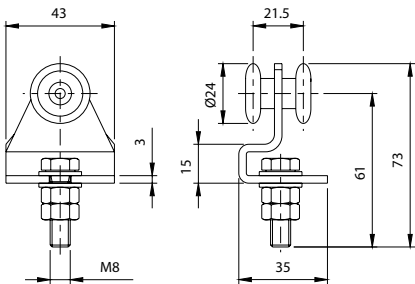
Trolley with 2 wheels
Chariot avec 2 galets
Zweirädriger Rollenapparat
Carro con 2 ruedas
Тележка с 2 колесами



CODE	ART.	Size	Portata Capacity	Box info	
				Pcs per pack	Kg
10105505 001	38-24	Ø 24	30 kg	50	7,00

Finishing: Zincato / Galvanized

Categoria commerciale: 1C



39

Carrello a 2 ruote in nylon

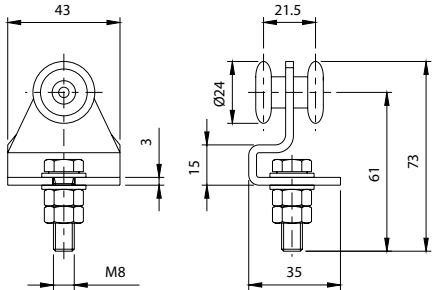
Trolley with 2 nylon wheels
Chariot avec 2 galets en nylon
Rollenapparat mit 2-Nylon-Rollen
Carro con 2 ruedas de nylon
Тележка с 2 колесами из нейлона



CODE	ART.	Size	Portata Capacity	Box info	
				Pcs per pack	Kg
10106005 001	39-24	Ø 24	30 kg	50	6,2

Finishing: Zincato / Galvanized

Categoria commerciale: 1C



40

Carrello a 4 ruote

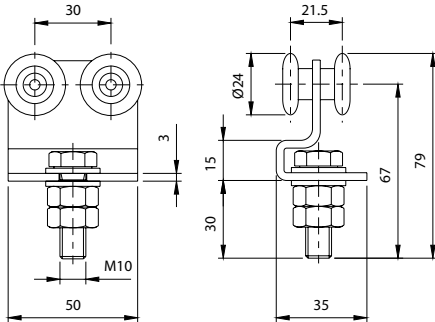
Trolley with 4 wheels
Chariot avec 4 galets
Vierdrüdriger Rollenapparat
Carro con 4 ruedas
Тележка с 4 колесами



CODE	ART.	Size	Portata Capacity	Box info	
				Pcs per pack	Kg
10106505 001	40-24	Ø 24	50 kg	50	11,9

Finishing: Zincato / Galvanized

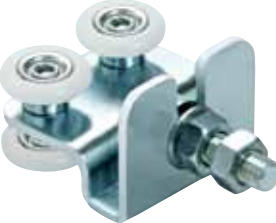
Categoria commerciale: 1C



41

Carrello a 4 ruote in nylon

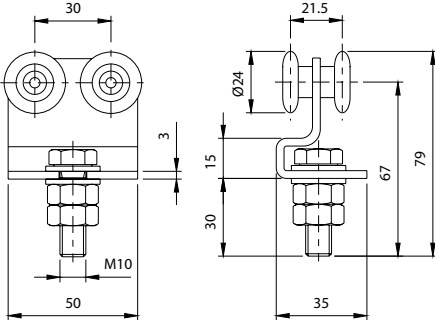
Trolley with 4 nylon wheels
Chariot avec 4 galets en nylon
Vierdrüdriger Rollenapparat mit Nylon-Rollen
Carro con 4 ruedas de nylon
Тележка с 4 колесами из нейлона



CODE	ART.	Size	Portata Capacity	Box info	
				Pcs per pack	Kg
10107005 001	41-24	Ø 24	50 kg	50	10,2

Finishing: Zincato / Galvanized

Categoria commerciale: 1C





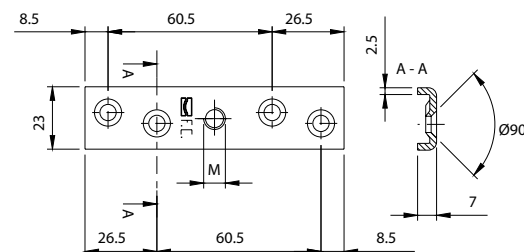
Piastrina per carrelli

Plate for trolleys
 Plaquette pour chariots
 Platte für Rollenapparat
 Placa para carros
 Пластина для тележек



Finishing: Zincato / Galvanized

Categoria commerciale: 1L



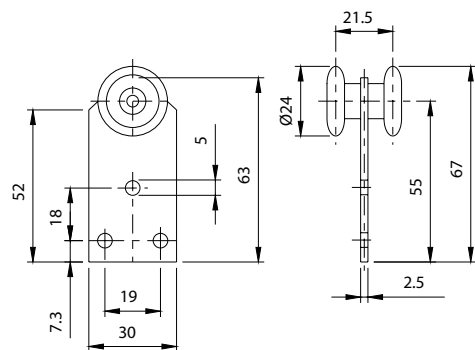
Carrello a 2 ruote con staffa

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



Finishing: Zincato / Galvanized

Categoria commerciale: 10



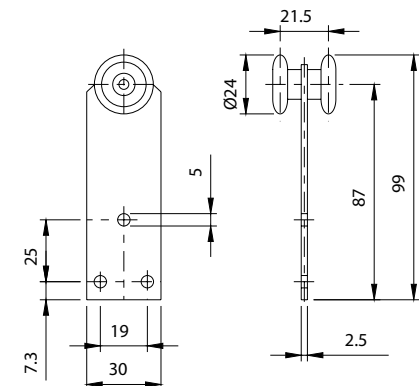
Carrello a 2 ruote con staffa lunga

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



Finishing: Zincato / Galvanized

Categoria commerciale: 10



Carrello a 2 ruote con staffa
lunga zancata

Trolley with 2 wheels and long bended bracket
Chariot à 2 galets avec bride longue et courbée
Zweirädriger Rollenapparat mit langem gekrüpftem
Befestigungsbügel
Carro con 2 ruedas con placa larga curvada
Тележка с 2 колесами с длинным выгнутым
кронштейном



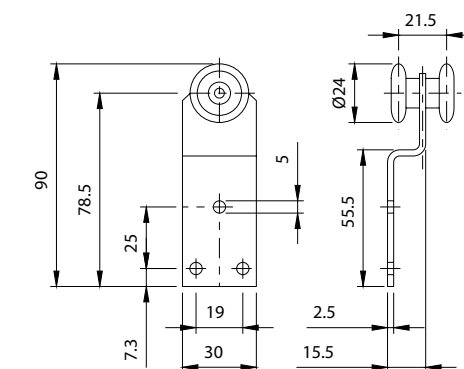
Carrello a 1 ruota con staffa

Trolley with 1 wheel and bracket
Chariot à 1 galet avec bride
Einrädriger Rollenapparat mit Befestigungsbügel
Carro con 1 rueda con placa
Тележка с 1 колесом с кронштейном



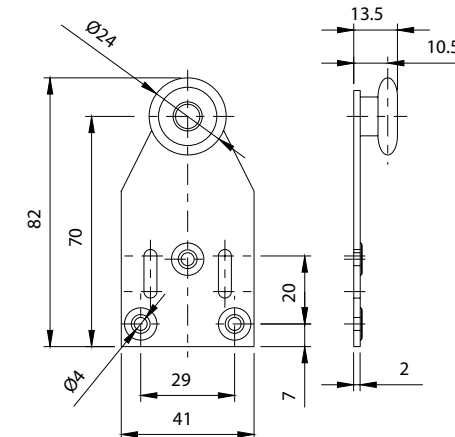
Finishing: Zincato / Galvanized

Categoria commerciale: 10



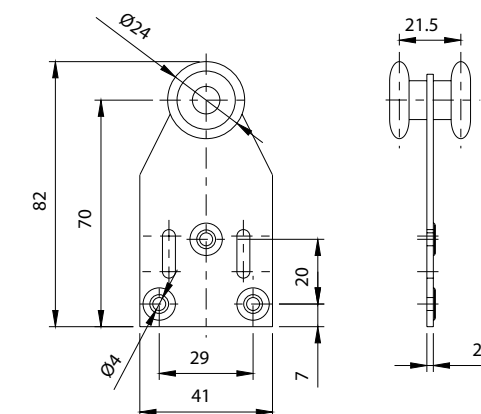
Finishing: Zincato / Galvanized

Categoria commerciale: 10



Finishing: Zincato / Galvanized

Categoria commerciale: 10





52

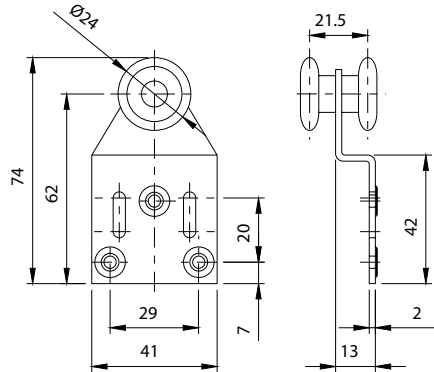
Carrello a 2 ruote con staffa zancata
Trolley with 2 wheels and bended bracket
Chariot à 2 galets avec bride courbée
Zweirädriger Rollenapparat mit gekrüpfem Befestigungsbügel
Carro con 2 ruedas con placa curvada
Тележка с 2 колесами с выгнутым кронштейном



CODE	ART.	Size	Portata Capacity	Box info	
				Pcs per pack	Kg
10110005 001	52-24	Ø 24	30 kg	100	8,20

Finishing: Zincato / Galvanized

Categoria commerciale: 1C



54

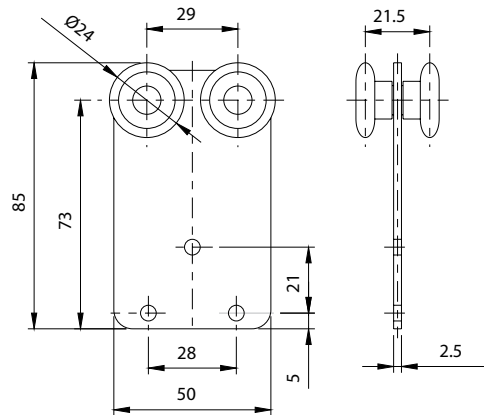
Carrello a 4 ruote con staffa larga
Trolley with 4 wheels and large bracket
Chariot à 4 galets avec bride large
Vierrädriger Rollenapparat mit breitem Befestigungsbügel
Carro con 4 ruedas con placa ancha
Тележка с 4 колесами с широким кронштейном



CODE	ART.	Size	Portata Capacity	Box info	
				Pcs per pack	Kg
10110505 001	54-24	Ø 24	50 kg	100	16,00

Finishing: Zincato / Galvanized

Categoria commerciale: 1C



56

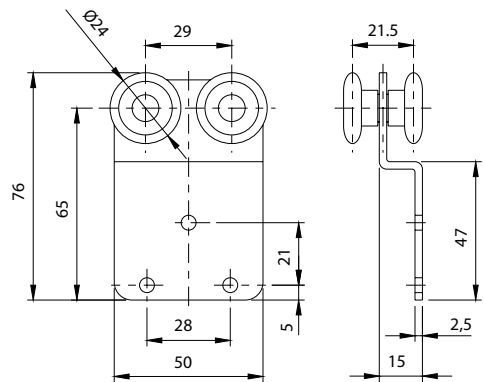
Carrello a 4 ruote con staffa larga zancata
Trolley with 4 wheels and large bended bracket
Chariot à 4 galets avec bride large courbée
Vierrädriger Rollenapparat mit gekrüpfem breitem Befestigungsbügel
Carro con 4 ruedas con placa ancha curvada
Тележка с 4 колесами с широким выгнутым кронштейном



CODE	ART.	Size	Portata Capacity	Box info	
				Pcs per pack	Kg
10111005 001	56-24	Ø 24	50 kg	100	16,10

Finishing: Zincato / Galvanized

Categoria commerciale: 1C



60

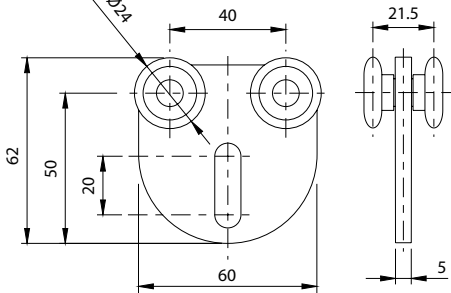
Carrello a 4 ruote con staffa porta gancio
Trolley with 4 wheels and hook holder bracket
Chariot à 4 galets avec bride porte-crochet
Vierrädriger Rollenapparat mit Einhängbohrung
Carro con 4 ruedas con placa para gancho
Тележка с 4 колесами с кронштейном с крюком



CODE	ART.	Size	Portata Capacity	Box info	
				Pcs per pack	Kg
10111505 001	60-24	Ø 24	50 kg	50	9,60

Finishing: Zincato / Galvanized

Categoria commerciale: 1C



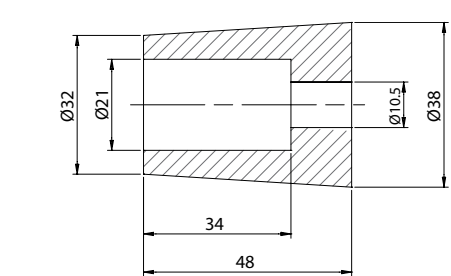
239

Tappo ammortizzatore ante
Door leaf stopper
Embout d'amortissage vantaux
Stoßdämpfer für Türe
Amortiguador hojas
Амортизирующая пробка створки



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

Categoria commerciale: 3E



246

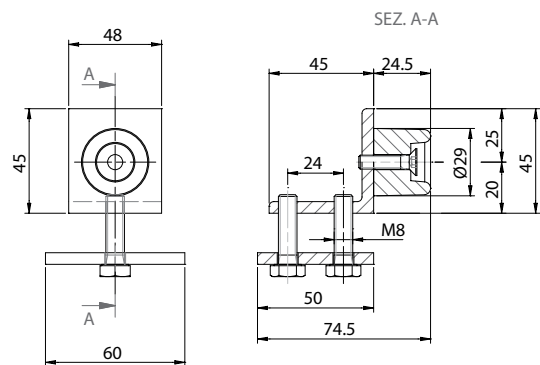
Battente finecorsa per monorotaie art. 398/399
End-stopper for guides art. 398/399
Butée de fin de course pour rails art. 398/399
Letzter Türflügel für Laufschienen art. 398/399
Tope para monorail art. 398/399
Стороп конца хода для монорельсов art. 398/399



CODE	ART.	Size	Portata Capacity	Box info	
				Pcs per pack	Kg
10701705 001	246	Piccolo Ø 24	30 kg	4	1,3

Finishing: Zincato / Galvanized

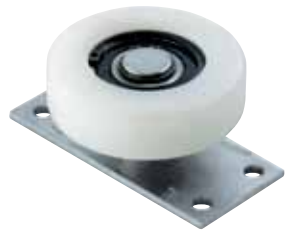
Categoria commerciale: 3G





248

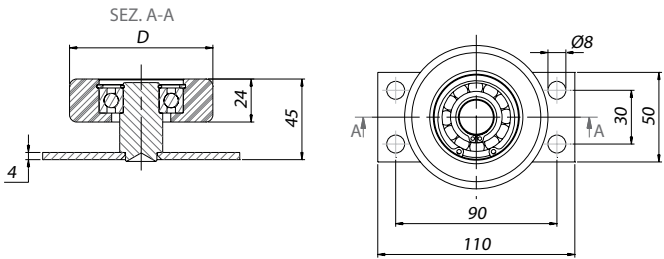
Guida per portoni scorrevoli
Guide for sliding doors
Guide pour portails coulissants
Führung für Schiebetüren
Guía para portones de corredera
Направляющая для раздвижных дверей



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: Zincato / Galvanized

Categoria commerciale: 3H



249-30

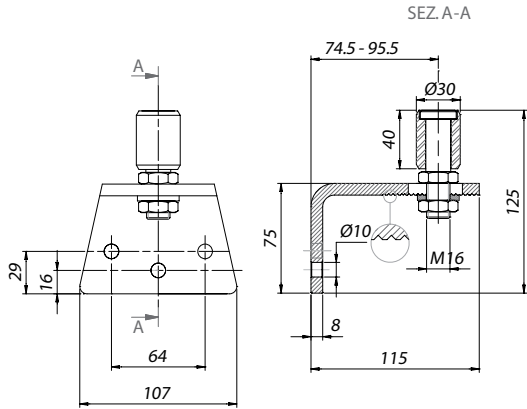
Deviatore regolabile per
impacchettamento laterale
Adjustable switcher for side folding
Déviateur réglable pour portail pliable latéral
Regulierbarer Ablenker für seitliche Paket-Lagerung
Desviador regulable para puerta plegable
Регулируемое отклоняющее устройство для
боковой завертки



CODE	ART.	Box info	
		Pcs per pack	Kg
10401505 001	249-30	4	3,80

Finishing: Zincato / Galvanized

Categoria commerciale: 3E



270

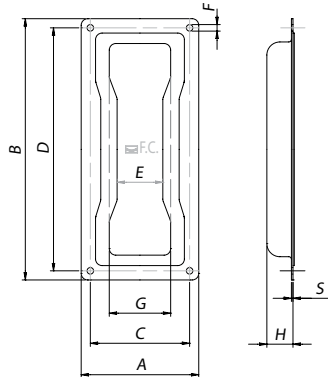
Maniglia ad incasso
Flush-mounted handle
Poignée à encaisser
Muschelgriff
Tirador encastrar
Встраиваемая ручка



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: Zincato / Galvanized

Categoria commerciale: 1H



270i

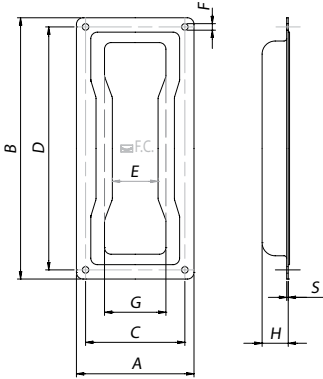
Maniglia ad incasso
Flush-mounted handle
Poignée à encaisser
Muschelgriff
Tirador encastrar
Встраиваемая ручка



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: Inox / Stainless steel

Categoria commerciale: 2H



272

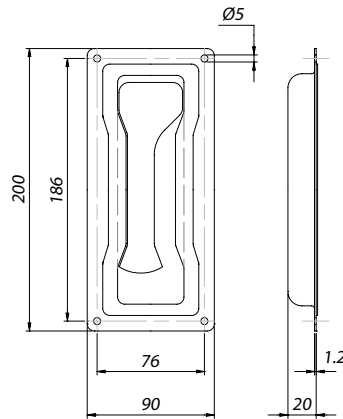
Maniglia ad incasso con leva
Flush-mounted handle with lever
Poignée à encaisser avec levier
Muschelgriff mit Triebriegel
Tirador encastrar con manilla
Встраиваемая ручка с рычагом



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: Zincato / Galvanized

Categoria commerciale: 1H





352

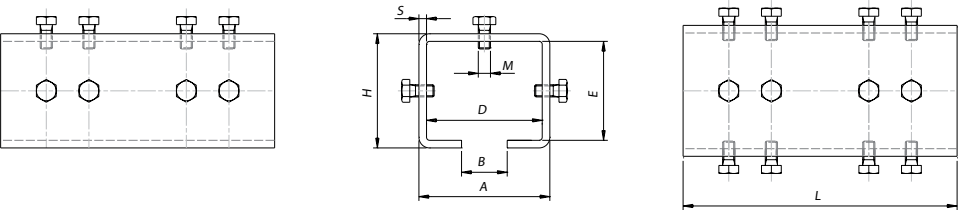
Giunzione monorotaia
Guide connection
Jonction rail
Verbindungsstück Laufschiene
Empalme monocarril
Соединение монорельса



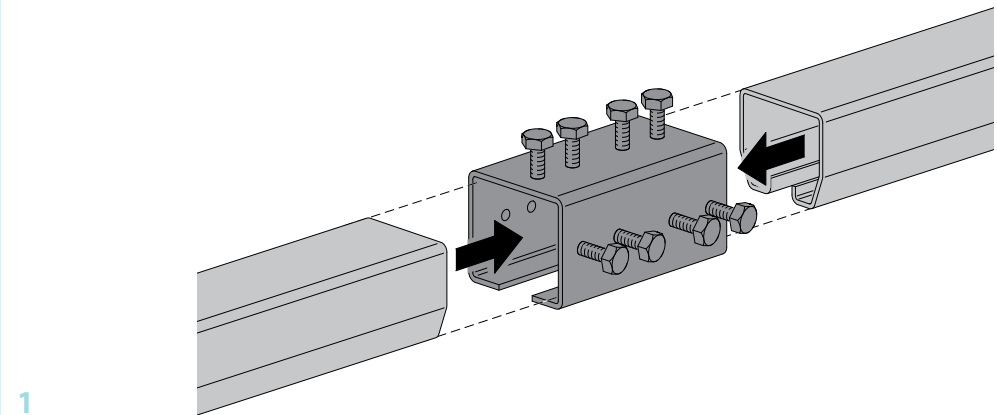
CODE	ART.	A	B	D	E	H	L	M	S	Box info	
										Pcs per pack	Kg
10602505 001	352P	86	30	76	65	75	180	M8	5	4	8,0
10602510 001	352G	113	40	103	91	101	200	M8	5	4	12,0

Finishing: Zincato / Galvanized

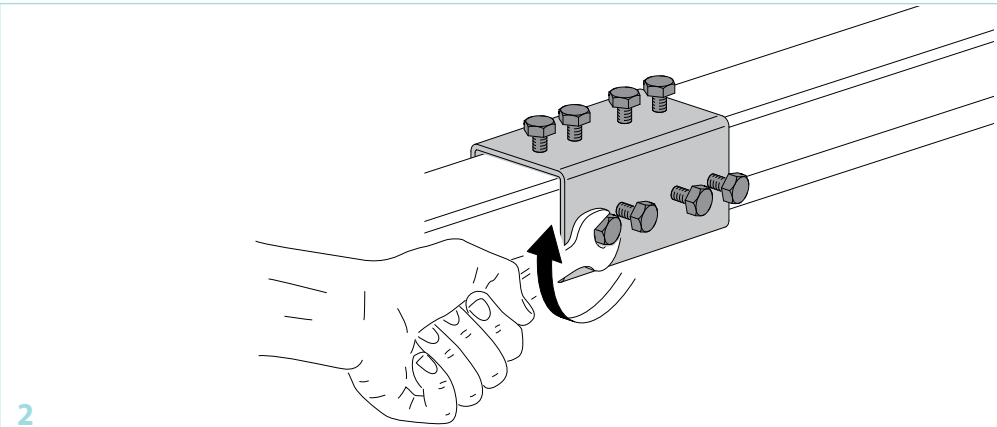
Categoria commerciale: 3G



Mounting instructions art. 352



1



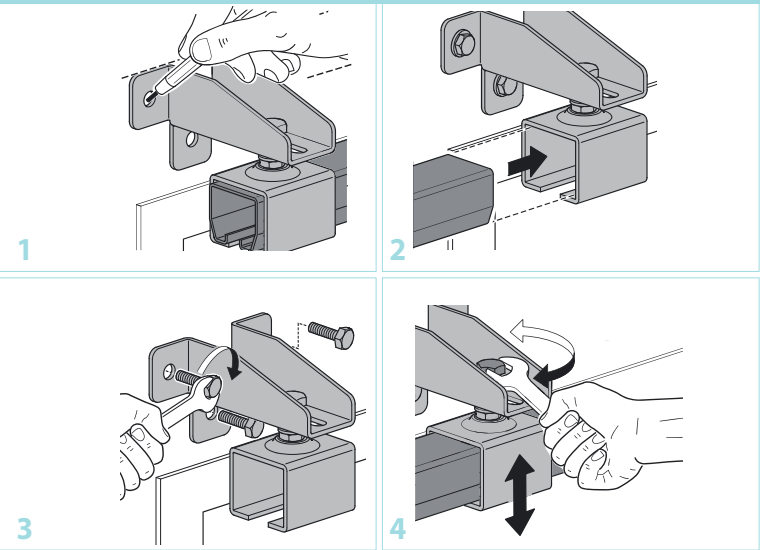
2

354-185

Staffa regolabile a parete mm. 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



Mounting instructions art. 354-185



354-330

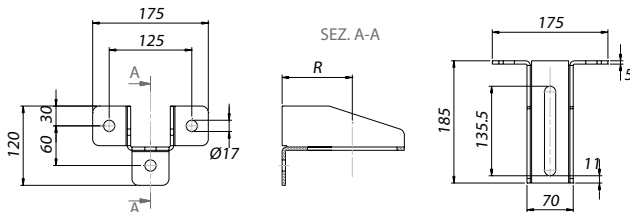
Staffa regolabile a parete mm. 330
Adjustable wall rod 330 mm.
Support réglable au mur mm. 330
Regulierbarer Wandbügel 330 mm
Placa regulable de pared 330 mm
Регулируемый настенный кронштейн мм 330



CODE	ART.	Size	R	Portata Capacity	Box info	
					Pcs per pack	Kg
10603006 001	354-185	Piccolo	47-165	150 kg	2	3,0

Finishing: Zincato / Galvanized

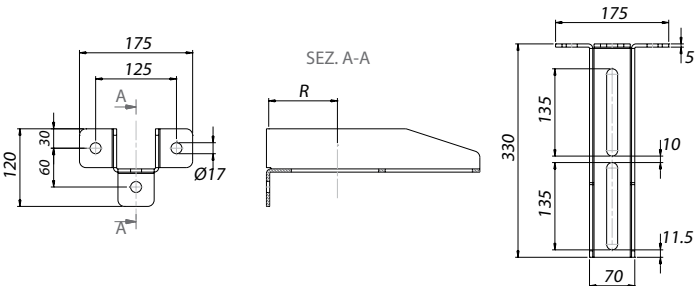
Distanza massima raccomandata considerando un carico di R = 310 applicato sulla parte finale: 700 mm
Recommended maximum distance considering a load of R = 310 applied on the end part: 700 mm
Distance maximale recommandée considérant une charge de R = 310 appliquée sur la partie finale: 700 mm
Maximal 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



CODE	ART.	Size	R	Portata Capacity	Box info	
					Pcs per pack	Kg
10603011 001	354-330	Grande	47-310	130 kg	2	4,80

Finishing: Zincato / Galvanized

Categoria commerciale: 3G



Distanza massima raccomandata considerando un carico di R = 310 applicato sulla parte finale: 700 mm
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

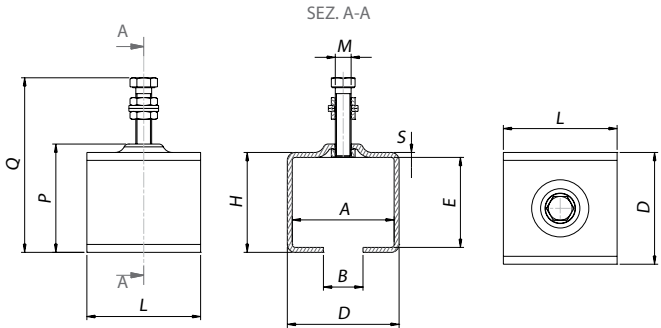
Supporto guida regolabile
Adjustable guide support
Support guide réglable
Regulierbarer Ablenker führung
Soporte guía regulable
Опора регулируемой направляющей



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: Zincato / Galvanized

Categoria commerciale: 3G



355 S

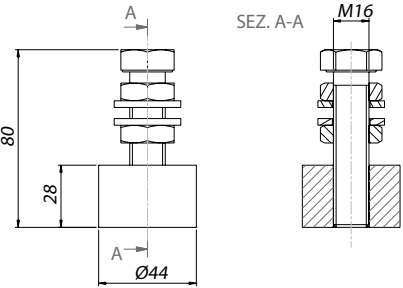
Supporto regolabile a saldare
Adjustable switcher to be welded
Deviateur réglable à souder
Regulierbarer Ablenker zum Schweißen
Soporte regulable para soldar
Привариваемая регулируемая опора



CODE	ART.	Portata Capacity	Box info	
			Pcs per pack	Kg
10603013 001	355 S	200 kg	4	2,1

Finishing: Zincato / Galvanized

Categoria commerciale: 3G



356

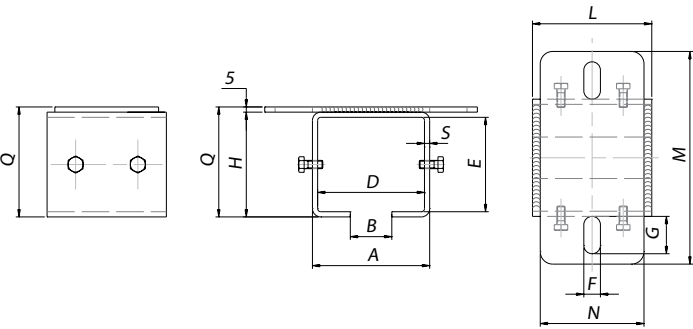
Supporto a soffitto
Adjustable switcher
Deviateur réglable au mur
Regulierbarer Ablenker
Soporte de techo
Потолочная опора



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

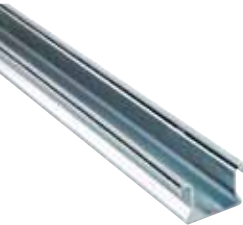
Finishing: Zincato / Galvanized

Categoria commerciale: 3G



358

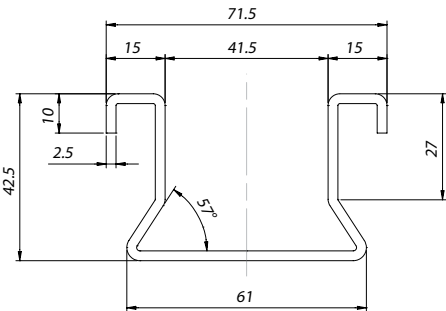
Guida inferiore a cementare da mt. 6,00
Lower guide to be cemented, length 6 meters
Guide inférieure à sceller de m. 6,00
Untere Schiene zum Einzementieren, Länge 6 m
Guía inferior para cementar de 6,00 m
Нижняя цементируемая направляющая м 6,00



CODE	ART.	Size	Box info	
			Pcs per pack	Kg
10202010 001	358	L=6000	1	21,3

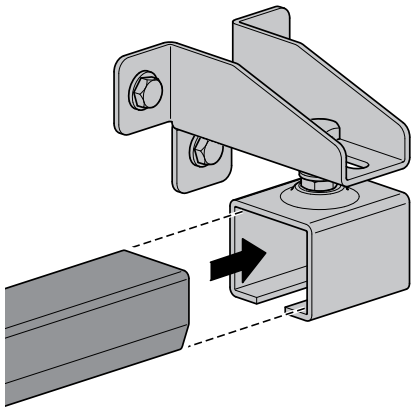
Finishing: Zincato / Galvanized

Categoria commerciale: 3G

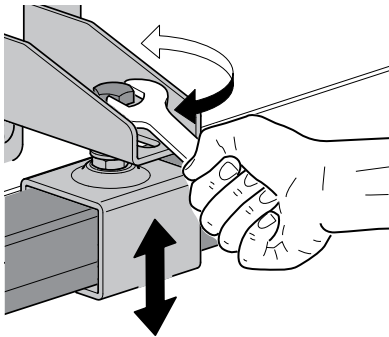


Mounting instructions art. 355

1



2





361

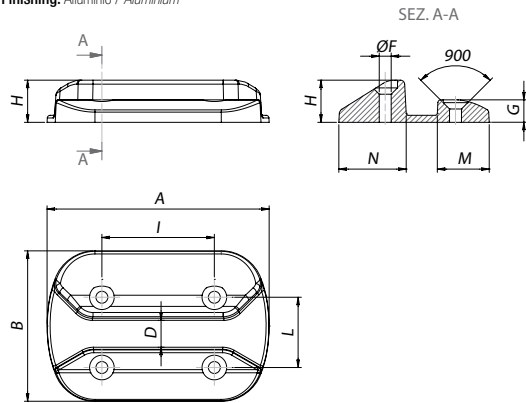
Incontro a pavimento in alluminio
Aluminium floor strike plate
Butoir au sol en aluminium
Bodenaufschuh aus Aluminium
Encuentro de aluminio para suelo
Алюминиевый напольный упор



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: Alluminio / Aluminium

Categoria commerciale: 3E



364

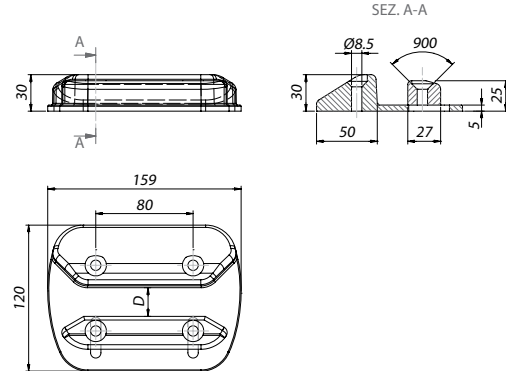
Incontro a pavimento in alluminio
regolabile
Adjustable aluminium floor strike plate
Butoir au sol en aluminium réglable
Bodenaufschuh aus Aluminium regulierbar
Encuentro de aluminio regulable para suelo
Алюминиевый регулируемый напольный упор



CODE	ART.	Size	Box info	
			Pcs per pack	Kg
10702405	364	D=18-43	2	1,2

Finishing: Alluminio / Aluminium

Categoria commerciale: 3E



362

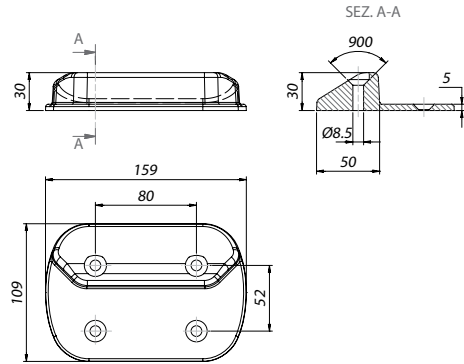
Battuta per ante intermedie in alluminio
Step for intermediate ante in aluminium
Butee pour vantaux intermédiaires en aluminium
Stütze für mittleren Türflügel aus Aluminium
Tope para hojas intermedias de aluminio
Упор для промежуточных створок из алюминия



CODE	ART.	Box info	
		Pcs per pack	Kg
10702611	362	2	1,2

Finishing: Alluminio / Aluminium

Categoria commerciale: 3E



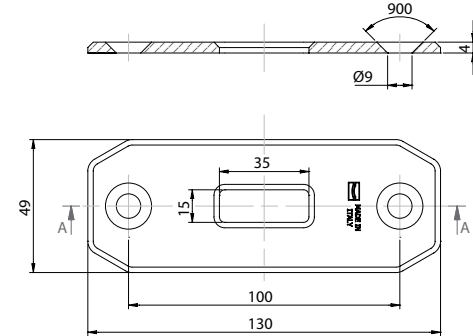
365

Incontro per aste
Floor strike plate for rods
Butoir pour tringles
Auflaufschuh für Stangen
Encuentro para varillas
Упор для стержней



CODE	ART.	Materiale Material	Finitura Finishing	Box info	
				Pcs per pack	Kg
10702905 001	365	Acciaio	Zincato	10	1,9
10702105	365 AL	Alluminio	Grezzo	10	1,9

Acciaio: Steel / Acier / Stahl / Acero / Сталь
Alluminio: Aluminium / Aluminium / Aluminium / Aluminium / Алюминий
Zincato: Galvanized / Galvanisé / Verzinkt / Galvanizado / Оцинкованная
Grezzo: Raw / Rêche / Rohstoff / Bruto / Необработанный



363

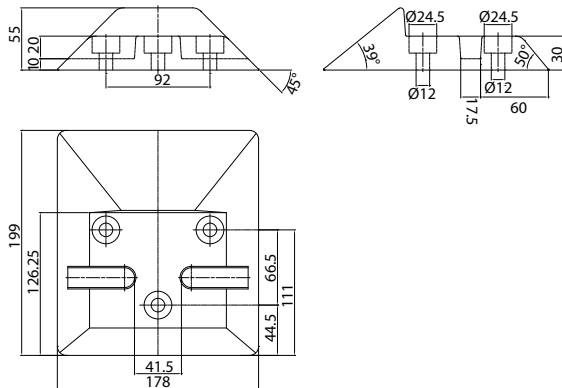
Incontro a pavimento in alluminio
Aluminium floor strike plate
Guidage au sol en aluminium
Bodenaufschuh aus Aluminium
Encuentro de aluminio para suelo
Алюминиевый напольный упор



CODE	ART.	Box info	
		Pcs per pack	Kg
10702705	363	2	2,5

Finishing: Alluminio / Aluminium

Categoria commerciale: 1G



367

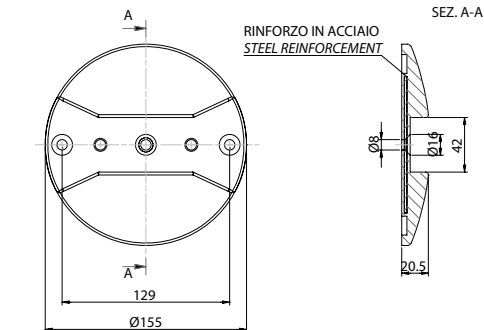
Incontro a pavimento in nylon nero,
con rinforzo in acciaio
Black nylon floor strike plate, with steel reinforcement
Butoir au sol en nylon noir, avec renfort en acier
Bodenaufschuh aus schwarzem Nylon mit Verstärkung aus Stahl
Encuentro de nylon negro para suelo, con refuerzo de acero
Напольный упор из черного нейлона, со стальным укреплением



CODE	ART.	Box info	
		Pcs per pack	Kg
10702305	367	2	0,6

Finishing: Zincato / Galvanized

Categoria commerciale: 3E





366

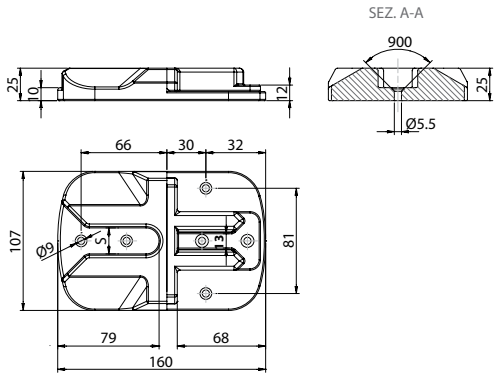
Incontro a pavimento per chiusura antipanico
Floor strike plate for panic exit device
Butoir au sol pour fermeture antipanique
Bodenaufschuh für Antipaniktür
Encuentro para suelo para cierre antipánico
Напольный упор для закрытия антипаник



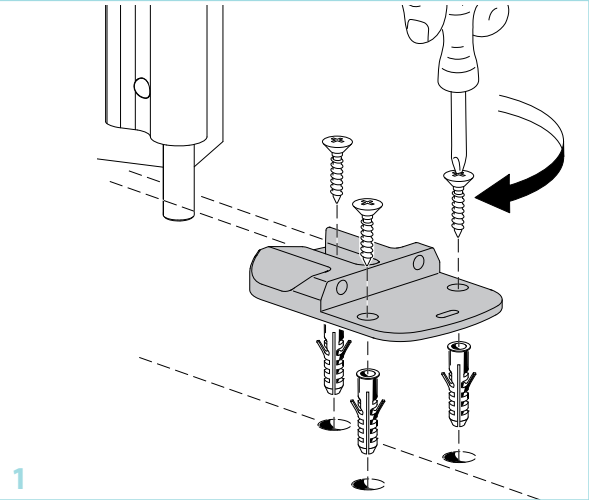
CODE	ART.	Size	Box info	
			Pcs per pack	Kg
10702210	366-22	S=22	2	1,5
10702220	366-42	S=42	2	1,5

Finishing: Alluminio / Aluminium

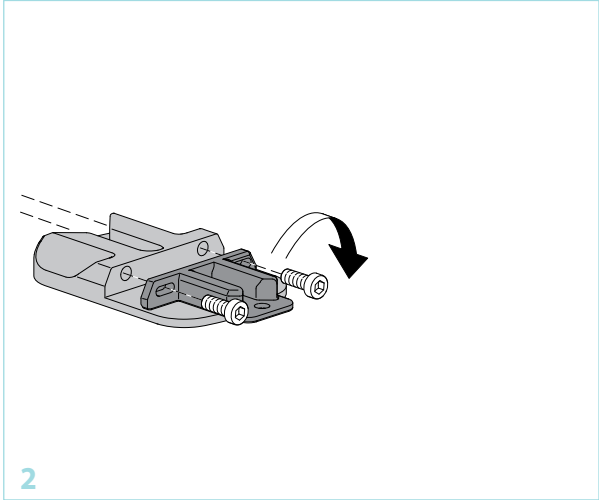
Categoria commerciale: 3E



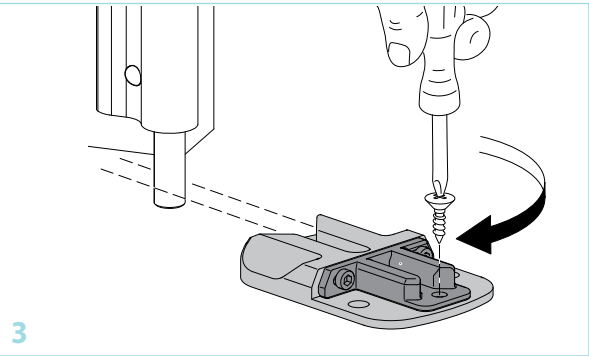
Mounting instructions art. 366



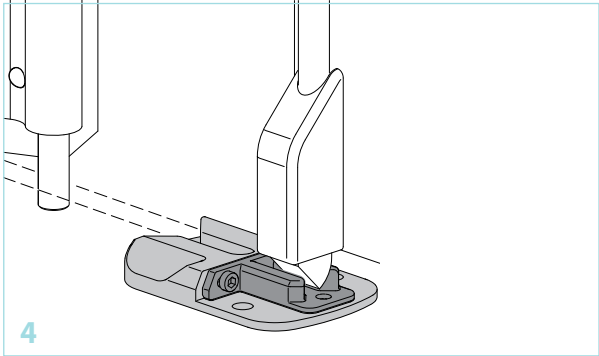
1



2



3



4

378

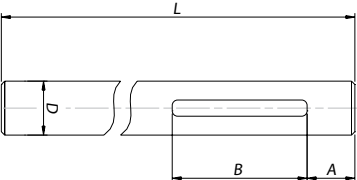
Perno inferiore regolabile
Adjustable lower pin
Pivot inférieur réglable
Unterer Bolzen regulierbar
Perno inferior regulable
Нижний регулируемый штифт



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: Zincato / Galvanized

Categoria commerciale: 3E



379

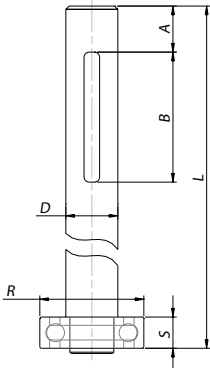
Perno inferiore regolabile con cuscinetto
Adjustable lower pin with bearing
Pivot inférieur réglable avec roulement
Unterer Bolzen mit Kugellager regulierbar
Perno inferior regulable con rodamiento
Нижний регулируемый штифт с подшипником



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: Zincato / Galvanized

Categoria commerciale: 3E





375 P

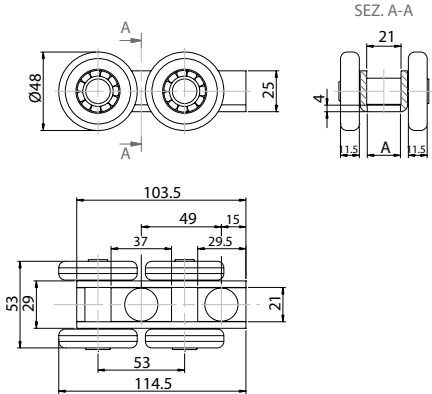
Carrello piccolo a 4 ruote in acciaio
Small steel trolley with four wheels
Chariot petit à 4 galets en acier
Rollenapparat klein mit 4 Stahlrollen
Carro pequeño con 4 ruedas de acero
Маленькая тележка с 4 колесами из стали



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: Zincato / Galvanized

Categoria commerciale: 3B



375 G

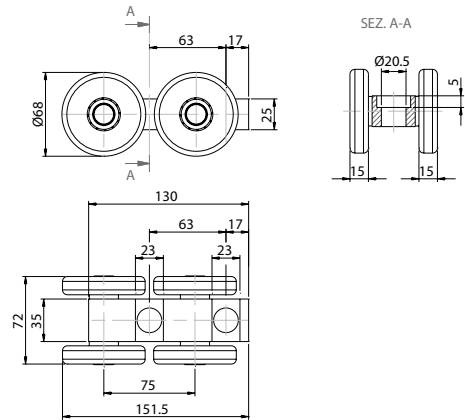
Carrello grande a 4 ruote in acciaio per perno da mm. 20
Large steel trolley with four wheels for pin, 20 mm.
Chariot grand à 4 galets en acier pour pivot de mm. 20
Rollenapparat gross mit 4 Stahlrollen
Carro grande con 4 ruedas de acero para perno de 20 mm
Большая тележка с 4 стальными колес для штифта мм 20



CODE	ART.	Size	Portata Capacity	Box info	
				Pcs per pack	Kg
10113010 001	375 G	Grande	800 kg	4	9,2

Finishing: Zincato / Galvanized

Categoria commerciale: 3B



376 P

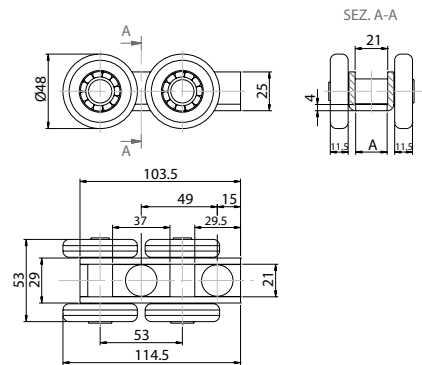
Carrello piccolo a 4 ruote in nylon
Small nylon trolley with four wheels
Chariot petit a 4 galets en nylon
Rollenapparat klein mit 4 Nylonrollen
Carro pequeño con 4 ruedas de nylon
Маленькая тележка с 4 нейлоновыми колесами



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: Zincato / Galvanized

Categoria commerciale: 3B



377

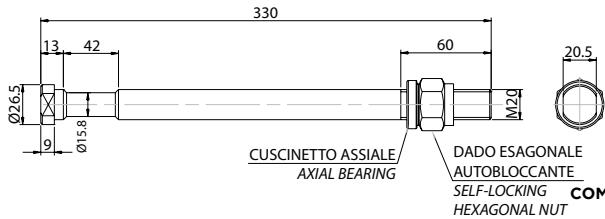
Perno superiore per carrelli
Upper pin for trolleys
Pivot supérieur pour chariots
Oberer Bolzen für Rollenapparate
Perno superior para carros
Верхний штырь для тележек



CODE	ART.	Finitura Finishing	Size	A	B	C	D	M	L	Portata Capacity	Box info	
											Pcs per pack	Kg
10118550 001	377P	Zincato	Piccolo	8	50	17	Ø20	M16	220	400 kg	4	1,6
10118535 001	377G-290	Zincato	Grande	9	60	22	Ø26,5	M20	290	800 kg	4	3,1
10118535 002	377G-290	Tropicalizzato	Grande	9	60	22	Ø26,5	M20	290	800 kg	4	3,1
10118535 003	377G-290	Zincato Nero	Grande	9	60	22	Ø26,5	M20	290	800 kg	4	3,1
10118540 001	377G-330	Zincato	Grande	9	60	22	Ø26,5	M20	330	800 kg	4	3,5
10118540 002	377G-330	Tropicalizzato	Grande	9	60	22	Ø26,5	M20	330	800 kg	4	3,5
10118540 003	377G-330	Zincato Nero	Grande	9	60	22	Ø26,5	M20	330	800 kg	4	3,5

Zincato: Galvanized / Galvanisé / Verzinkt / Galvanizado / Оцинкованная
Tropicalizzato: Yellow Galvanized / Zingué jaune / Gelberzinkt / Tropicalizado / В тропическом исполнении
Zincato Nero: Black Galvanized / Galvanisé Noir / Verzinkt Schwarz / Galvanizado Negro / Черный оцинкованный

Categoria commerciale: 3E





377 R

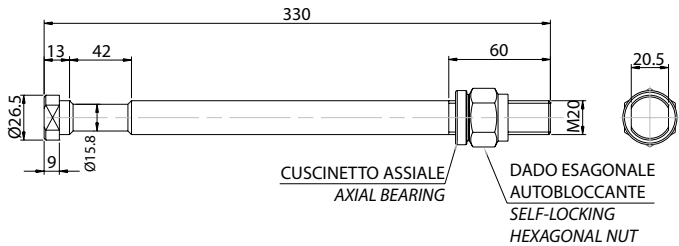
Perno superiore ribassato
Lowered upper pin
Pivot supérieur surbaisse
Oberer Bolzen herabgesenkt
Perno superior rebajado
Верхний штырь пониженный



CODE	ART.	Finitura Finishing	Portata Capacity	Box info	
				Pcs per pack	Kg
10118530 001	377 R-330	Zincato	400 kg	4	3,6
10118530 002	377 R-330	Tropicalizzato	400 kg	4	3,6
10118530 003	377 R-330	Zincato Nero	400 kg	4	3,6

Zincato: Galvanized / Galvanisé / Verzinkt / Galvanizado / Оцинкованная
Tropicalizzato: Yellow Galvanized / Zingué jaune / Gelbverzinkt / Tropicalizado / В тропическом исполнении
Zincato Nero: Black Galvanized / Galvanisé Noir / Verzinkt Schwarz / Galvanizado Negro / Черный оцинкованный

Categoria commerciale: 3E



377 G-SC

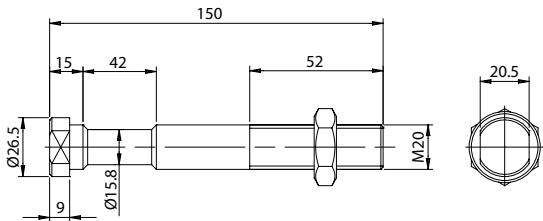
Perno superiore per scorrevoli zincato
Galvanized upper pin for sliding doors
Pivot supérieur pour portail coulissant zingué
Oberer Bolzen für Schiebetüren verzinkt
Perno superior para puerta corredera galvanizado
Верхний штырь для передвижения оцинкованный



CODE	ART.	Portata Capacity	Box info	
			Pcs per pack	Kg
10118701 001	377 G-SC	400 kg	4	1,4

Finishing: Zincato / Galvanized

Categoria commerciale: 3E



387

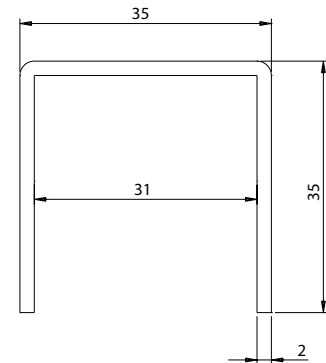
Profilo ad "u" per deviatori ad impacco laterale
"U" profile for side folding switches
Profil en "u" pour deviateurs pour portail pliable lateral
U-Profil für Ablenker für seitliche Paket-Lagerung
Perfil en "U" para desviadores para puerta plegable
Профиль в форме "u" для отклоняющего устройства с боковым воздействием



CODE	ART.	Size	Box info	
			Pcs per pack	Kg
10210101 503	387	L=6000	1	9,4

Finishing: Zincato / Galvanized

Categoria commerciale: 3G



395 DX-SX

Carrello in alluminio pressofuso a 3 ruote
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

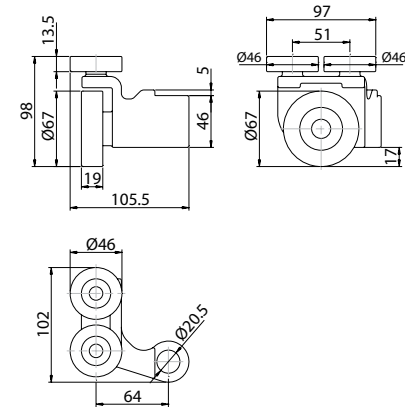


CODE	ART.	Portata Capacity	Box info	
			Pcs per pack	Kg
10118350 503	395 DX	*	4	2,3
10118360 503	395 SX	*	4	2,3

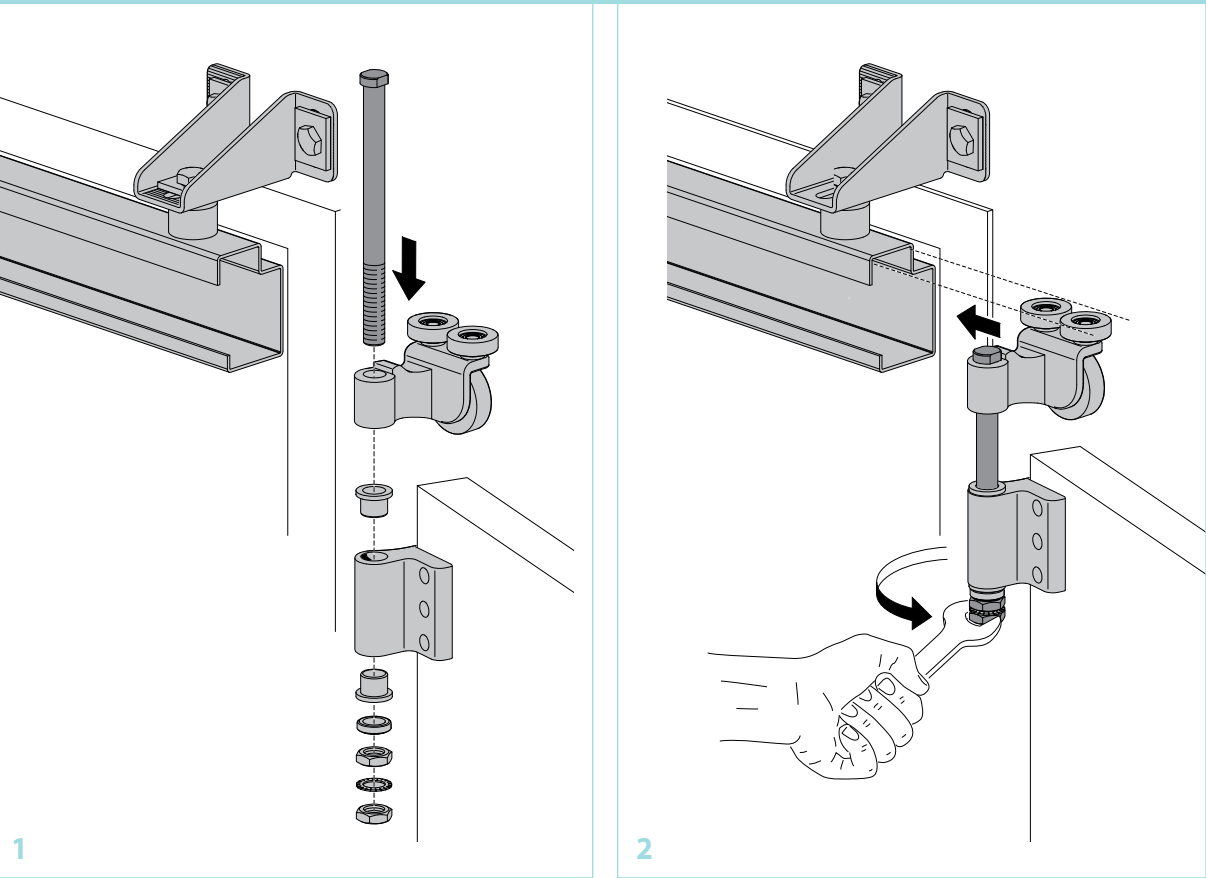
Finishing: RAL 9005 nero / RAL 9005 black

Categoria commerciale: 3B

*Il carrello non ha funzione di portata ma solo di guida / *The trolley has no load-bearing function; it only serve to drive the door.



Mounting instructions art. 395 DX-SX





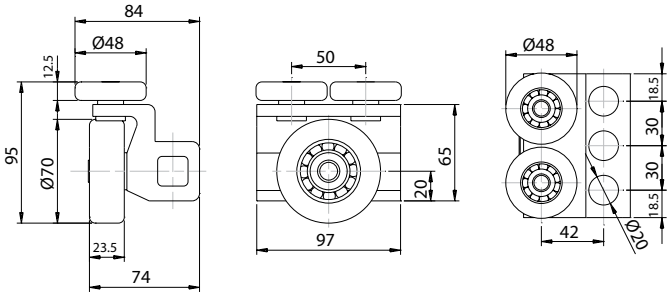
396

Carrello reversibile in alluminio
a 3 ruote
Reversible aluminium trolley with three wheels
Chariot réversible en aluminium à 3 galets
Reversibler Rollenapparat aus Aluminium mit 3 Rollen
Carro reversible de aluminio con 3 ruedas
Реверсивная тележка из алюминия с 3 колесами



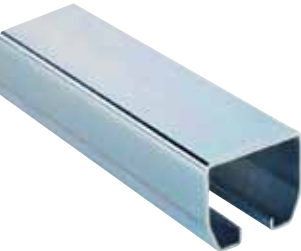
CODE	ART.	Portata Capacity	Box info	
			Pcs per pack	Kg
10118305 503	396	280 kg	4	3,6

Finishing: RAL 9005 nero / RAL 9005 black Categoria commerciale: 3B



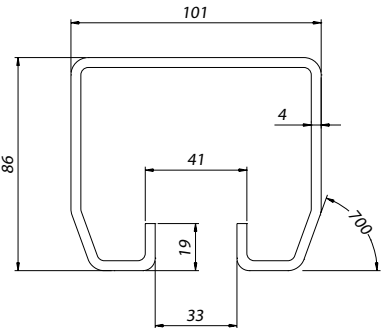
398

Monorotaia superiore per carrelli 4 ruote
grande zincata
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

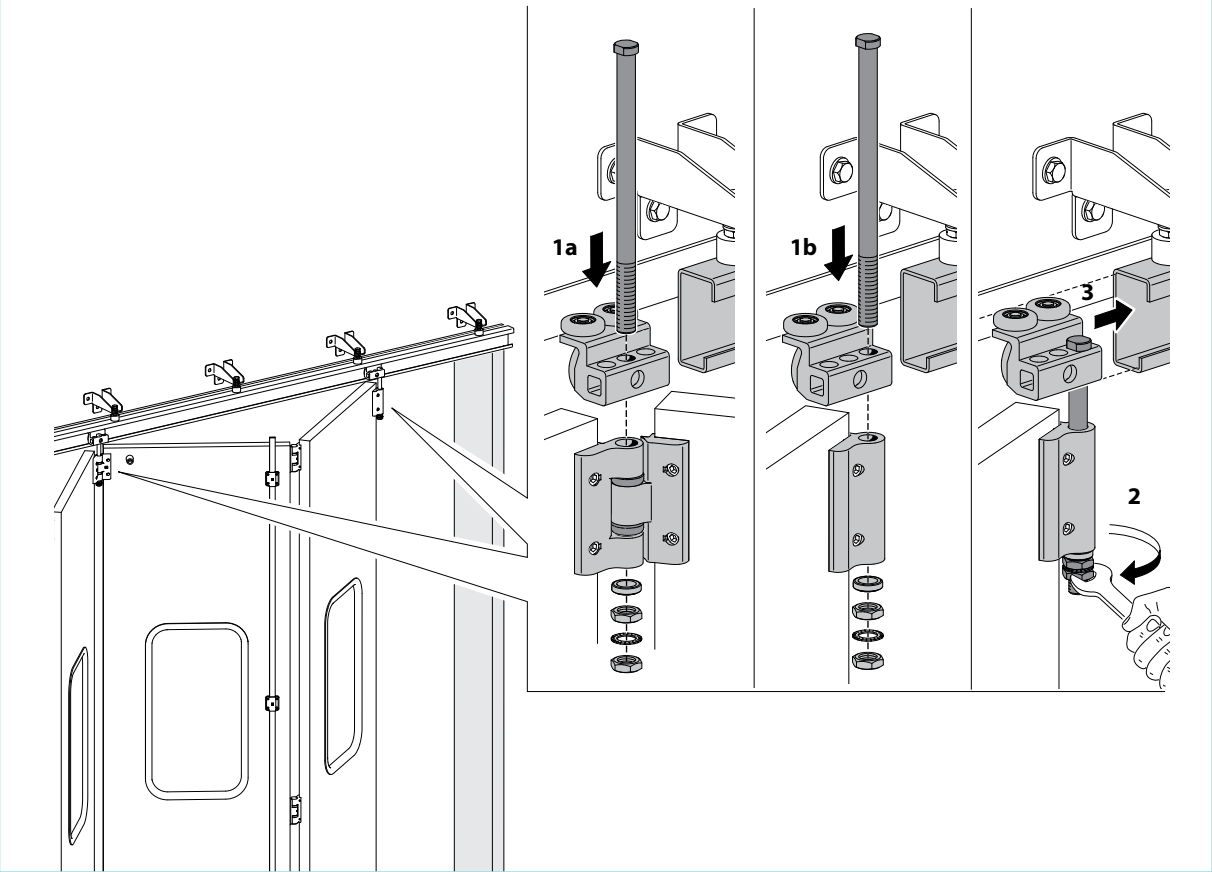


CODE	ART.	Size	Box info	
			Pcs per pack	Kg
10203011 001	398-3000	L=3000	1	30,4
10203012 001	398-6000	L=6000	1	60,7

Finishing: Zincato / Galvanized Categoria commerciale: 3G

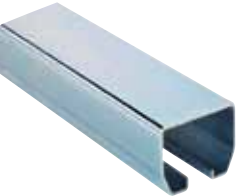


Mounting instructions art. 396



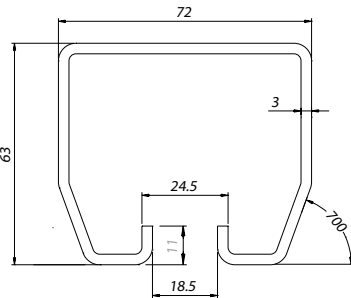
399

Monorotaia superiore per carrelli 4
ruote piccola zincata
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



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: Zincato / Galvanized Categoria commerciale: 3G





671

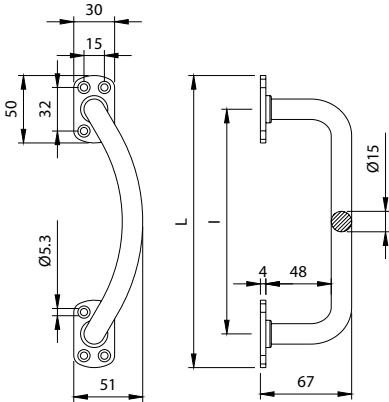
Maniglione curvo Ø15 mm
Bended pull handle dia. 15mm
Poignée courbée dia. 15mm
Gebogener Stossgriff Durchm. 15 mm
Tirador curvo Ø 15 mm
Изогнутая ручка Ø15 мм



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 nero / RAL 9005 black

Categoria commerciale: 1H



672

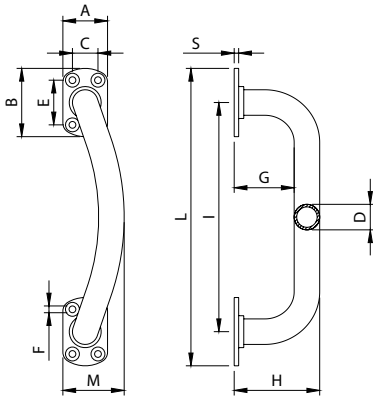
Maniglione curvo tubolare
Bended pull handle
Poignée courbée
Gebogener rohrförmiger Stossgriff
Tirador curvado tubular
Изогнутая ручка трубчатая



CODE	ART.	Size	A	B	C	D	E	F	G	H	I	L	M	S	Box info	
															Pcs per pack	Kg
11000300 503	672P	Piccolo	35	54	20	20	35	Ø5,3	47	67	180	234	48	3,5	10	4,6
11000301 503	672G	Grande	45	71	27	25	47	Ø6,3	60	85	280	351	71	4	10	9,3

Finishing: RAL 9005 nero / RAL 9005 black

Categoria commerciale: 1H



673

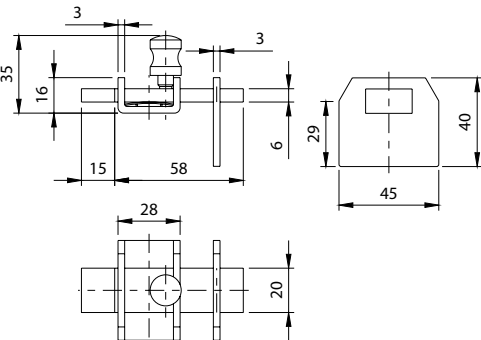
Catenaccio a saldare
Bolt to be welded
Verrou à souder
Stossriegel zum Anschweißen
Pasador para soldar
Привариваемая цепь



CODE	ART.	Box info	
		Pcs per pack	Kg
11900505 001	673	25	4,2

Finishing: Zincato / Galvanized

Categoria commerciale: 1D



674

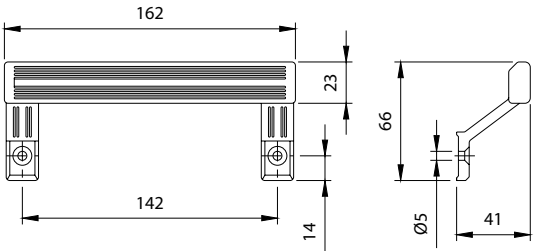
Maniglia di trascinamento in zama
presso fusa
Die-cast alloy handle
Béquille en zamac moulée sous pression
Torgriff aus Druckguss-Zamak
Tirador de zamak fundido a presión
Ручка из литого сплава зاما



CODE	ART.	Box info	
		Pcs per pack	Kg
10905006 503	674	20	4,2

Finishing: RAL 9005 nero / RAL 9005 black

Categoria commerciale: 1H



675

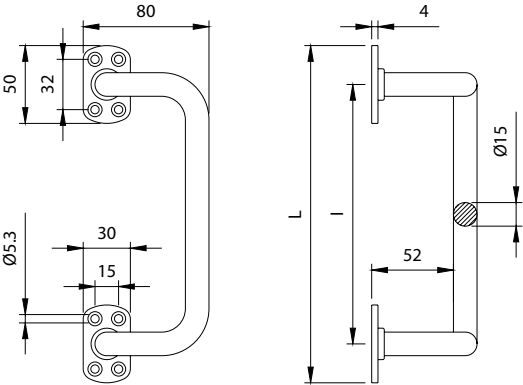
Maniglione zancato Ø15 mm
Bended pull handle dia. 15mm
Poignée courbée dia. 15mm
Gebogener Stossgriff Durchm. 15 mm
Tirador curvado Ø 15 mm
Ручка гнутая Ø 15 мм



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 nero / RAL 9005 black

Categoria commerciale: 1H



677

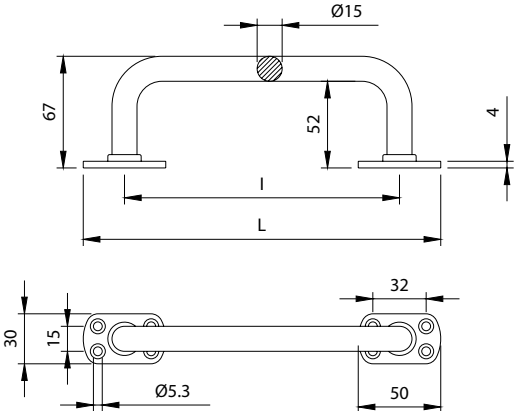
Maniglione diritto Ø15 mm
Straight pull handle dia. 15mm
Poignée droite dia. 15mm
Gerader Stossgriff Durchm. 15mm
Tirador recto Ø 15 mm
Ручка прямая Ø 15 мм



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 nero / RAL 9005 black

Categoria commerciale: 1H





678

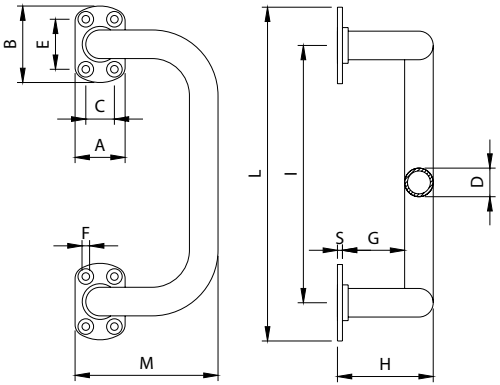
Maniglione tubolare zancato
Bended pull handle
Poignée courbée
Gebogener rohrförmiger Stosgriff
Tirador tubular curvado
Ручка трубчатая гнутая



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 nero / RAL 9005 black

Categoria commerciale: 1H



679

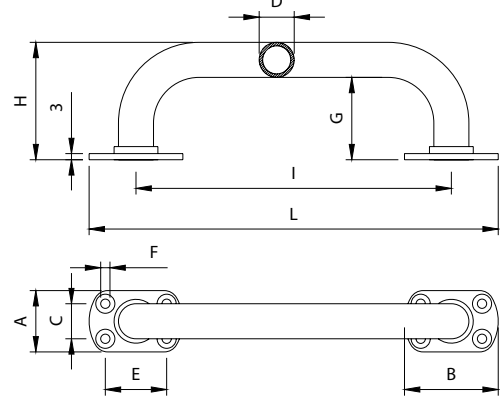
Maniglione tubolare diritto
Straight pull handle
Poignée droite
Rohrförmiger gerader Stosgriff
Tirador tubular recto
Ручка трубчатая прямая



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 nero / RAL 9005 black

Categoria commerciale: 1H



679i

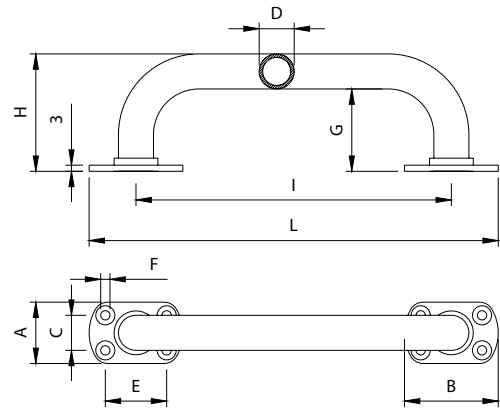
Maniglione tubolare diritto in acciaio
inox aisi 316i
Straight s/s aisi 316i pull handle
Poignée droite en acier inox aisi 316i
Gerader Rohrförmiger Stosgriff aus Edelstahl aisi 316i
Tirador tubular recto de acero inox. AISI 316i
Ручка трубчатая прямая нержавеющая сталь aisi 316i



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: Inox / Stainless steel

Categoria commerciale: 2H



680

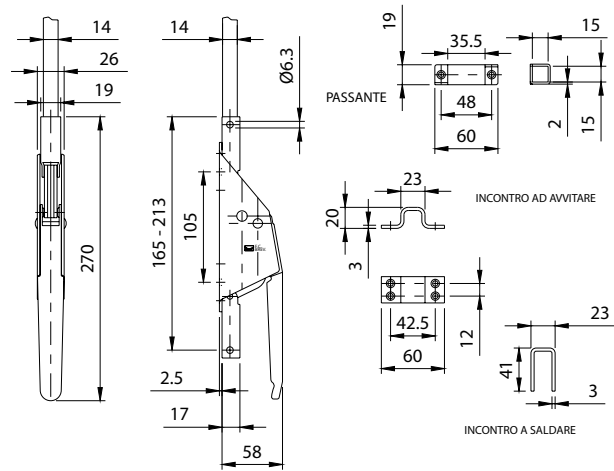
Cariglione "Car" aste esterne 14x14 mm
"Car" lever bolt internal bars 14x14mm
Crémone à levier "Car" tringles intérieures 14x14mm
Treibriegel "Car" Innenstange 14x14mm
Falleba "Car" varillas externas 14x14 mm
Болтовой рычаг "Car" наружные штыри 14x14 мм



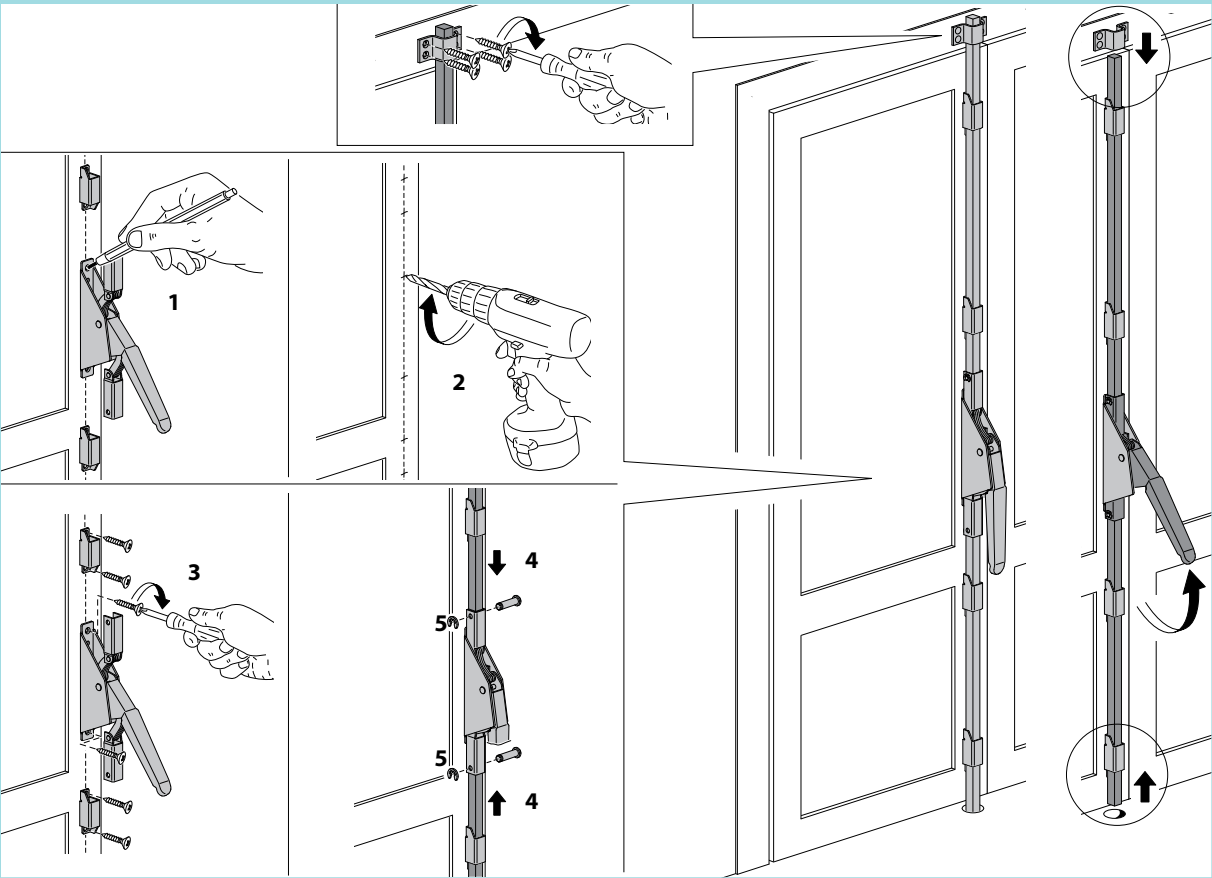
CODE	ART.	Box info	
		Pcs per pack	Kg
11203005 001	680	5	4,5

Finishing: Zincato / Galvanized

Categoria commerciale: 1B



Mounting instructions art. 680

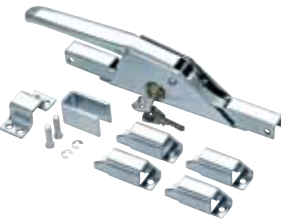




682

Cariglione “Car” con cilindro aste esterne 14x14 mm

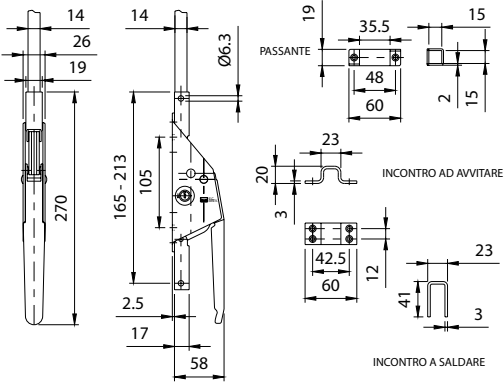
“Car” lever bolt external bars 14x14mm
Crémone à levier “Car” tringles extérieures 14x14mm
Treibriegel “Car” mit Zylinder und Außenstangen 14x14 mm
Falleba “Car” con cilindro varillas externas 14x14 mm
Болтовой рычаг “Car” с цилиндром наружные штыри 14x14 мм



CODE	ART.	Box info	
		Pcs per pack	Kg
11203505 001	682	5	5,0

Finishing: Zincato / Galvanized

Categoria commerciale: 1B



683

Asta per cariglione art. 686 10x10 mm

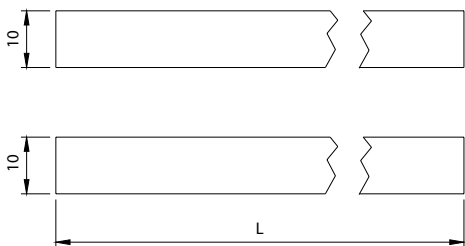
Bar for lever bolt art.686 10X10mm
Tringle pour crémone art.686 10X10mm
Stange für Treibriegel art.686 10X10mm
Varilla para falleba art. 686 10x10 mm
Стержень для болтового рычага art.686 10x10 мм



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: Zincato / Galvanized

Categoria commerciale: 1B



684

Cariglione “Bon” con cilindro

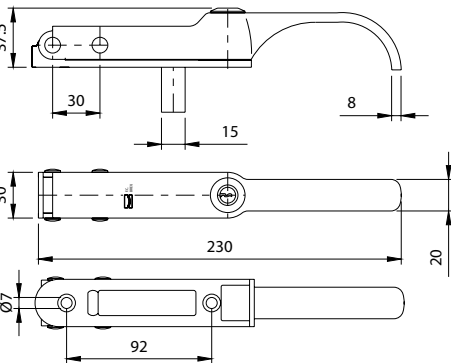
“Bon” lever bolt with cylinder
Crémones à levier “Bon” avec cylindre
Treibriegel “Bon” mit Zylinder
Falleba “Bon” con cilindro
Болтовой рычаг “Bon” с цилиндром



CODE	ART.	Box info	
		Pcs per pack	Kg
11204005 700	684	5	3,6

Finishing: Zincato / Galvanized

Categoria commerciale: 1B



685

Cariglione per aste interne Ø6 mm

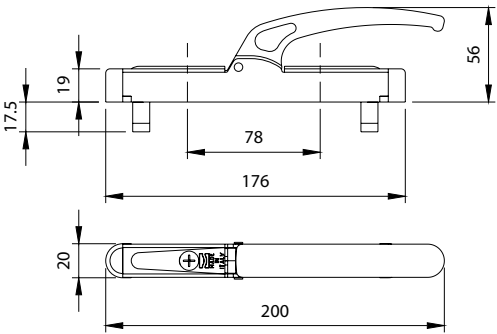
Lever bolt internal bars dia.6mm
Crémone à levier tringles intérieures dia 6mm
Treibriegel für Innenstange Durchm. 6mm
Falleba para varillas internas Ø6 mm
Болтовой рычаг для внутренних штырей Ø6 мм



CODE	ART.	Box info	
		Pcs per pack	Kg
11204805 503	685	10	5,0

Finishing: RAL 9005 nero / RAL 9005 black

Categoria commerciale: 1B



686

Cariglione per aste esterne 10x10 mm

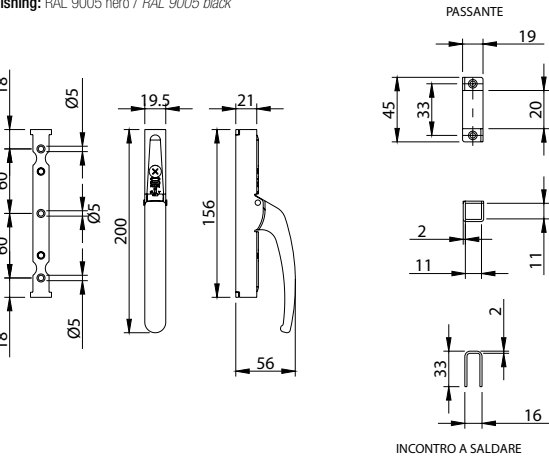
Lever bolt for external bars 10x10mm
Crémone à levier pour tringles extérieures 10x10mm
Treibriegel für Außenstange Durchm. 10X10mm
Falleba para varillas externas 10x10 mm
Болтовой рычаг для наружных штырей 10x10 мм



CODE	ART.	Box info	
		Pcs per pack	Kg
11204705 503	686	10	5,0

Finishing: RAL 9005 nero / RAL 9005 black

Categoria commerciale: 1B



687

Asta forata 14x14 mm per cariglione art. 680 – 682

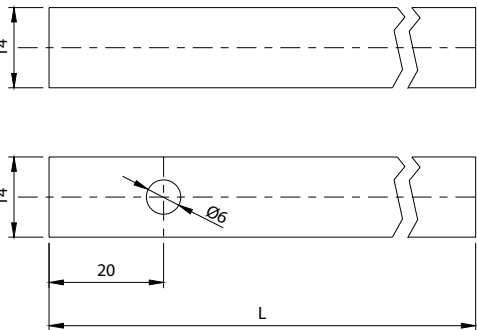
Holed bar 14x14 mm for lever bolt art.680-682
Tringle percée 14x14mm pour crémones art.680-682
Stange mit Bohrungen 14x14mm für Treibriegel art.680-682
Varilla perforada 14x14 mm para falleba arts. 680-682
Стержень с отверстиями 14x14 мм для болтового рычага art.680-682



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: Zincato / Galvanized

Categoria commerciale: 1B





690 MC

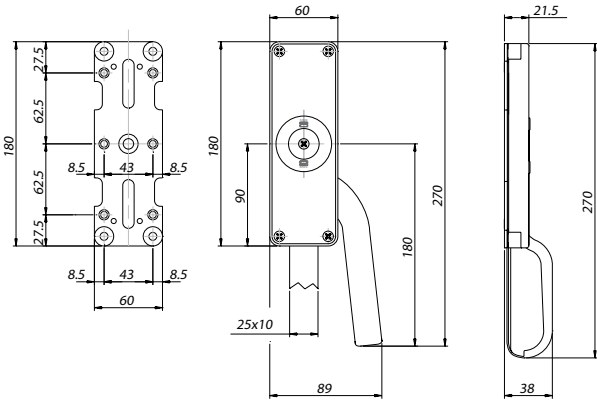
Cariglione star piccolo
Small star lever bolt
Cremona star petite
Treibriegel star klein
Falleba star pequeña
Малый болтовой рычаг star



CODE	ART.	Size	Finitura Finishing	Corsa Rod stroke	Box info	
					Pcs per pack	Kg
11205006 001	690 MC	DX	Zincato	31	2	1,9
11205006 503	690 MC	DX	RAL 9005	31	2	1,9
11205011 001	690 MC	SX	Zincato	31	2	1,8
11205011 503	690 MC	SX	RAL 9005	31	2	1,8

Zincato: Galvanized / Galvanisé / Verzinkt / Galvanizado / Оцинкованная
RAL 9005: nero / black / noir / Schwarz / negro / черный

Categoria commerciale: 3A



691 P

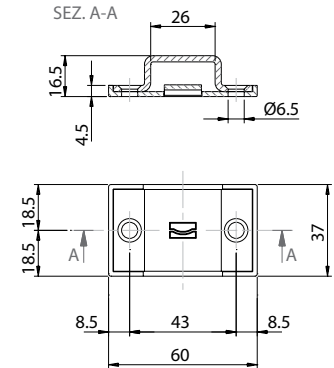
Passante per aste 25x10
Rod guide 25x10
Traversant pour tringles 25x10
Lasche für Stangen 25x10
Puente para varillas 25x10
Сквозная направляющая для стержней 25x10



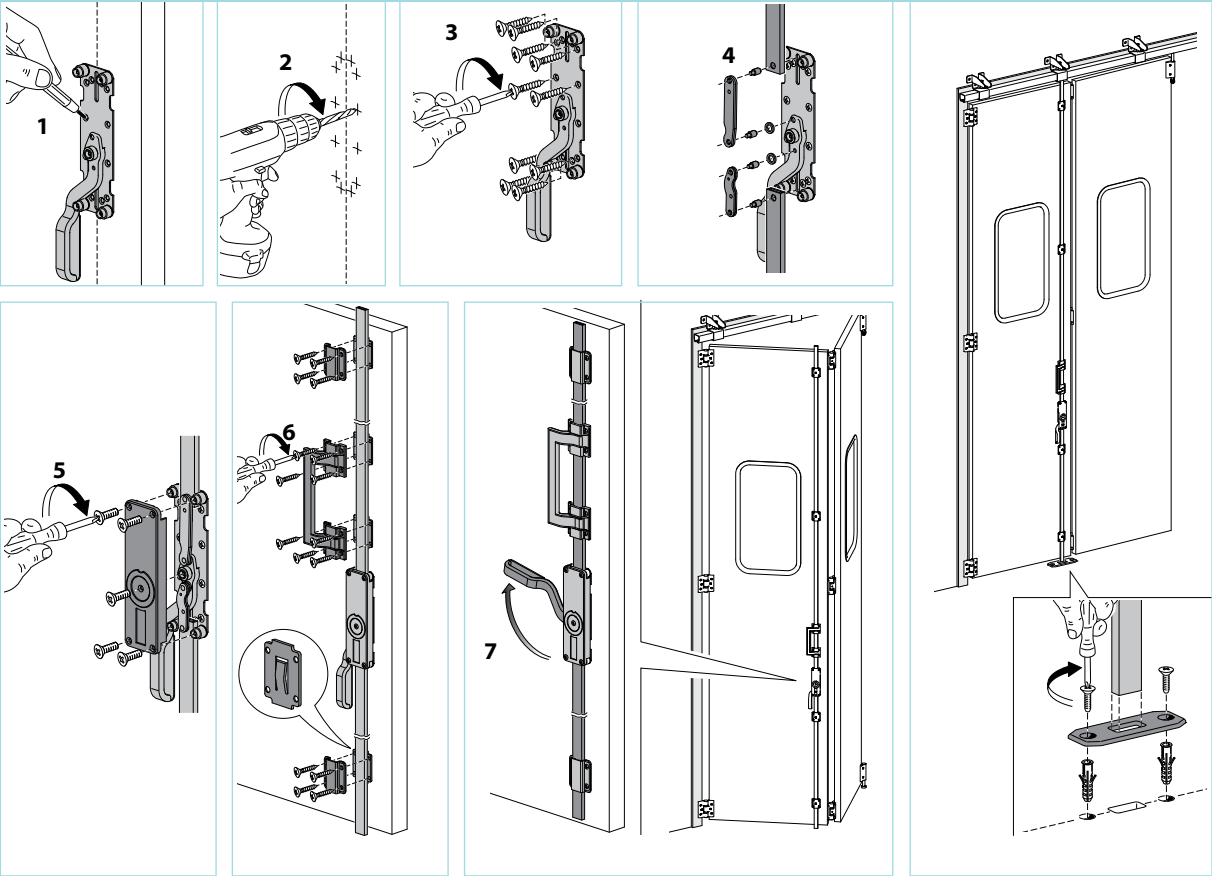
CODE	ART.	Size	Finitura Finishing	Box info	
				Pcs per pack	Kg
12001105 001	691 P	25x10	Zincato	50	2,7
12001105 503	691 P	25x10	RAL 9005	50	2,8

Zincato: Galvanized / Galvanisé / Verzinkt / Galvanizado / Оцинкованная
RAL 9005: nero / black / noir / Schwarz / negro / черный

Categoria commerciale: 3A



Mounting instructions art. 690 MC



691 G

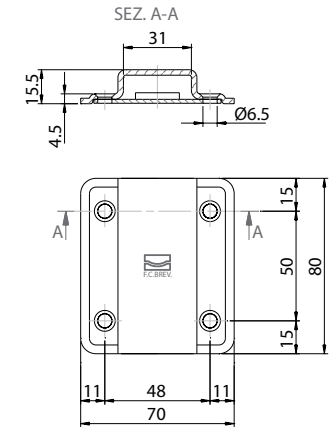
Passante per asta 30x10
Rod guide for 30 x 10 rod
Traversant pour tringle 30x10
Führungsaufnahme für Verbindungsstange 30x10
Puente para varilla 30x10
Сквозная направляющая для стержней 30x10



CODE	ART.	Size	Finitura Finishing	Box info	
				Pcs per pack	Kg
12001505 001	691 G	30x10	Zincato	50	7,1
12001505 503	691 G	30x10	RAL 9005	50	7,1

Zincato: Galvanized / Galvanisé / Verzinkt / Galvanizado / Оцинкованная
RAL 9005: nero / black / noir / Schwarz / negro / черный

Categoria commerciale: 3A





692 P

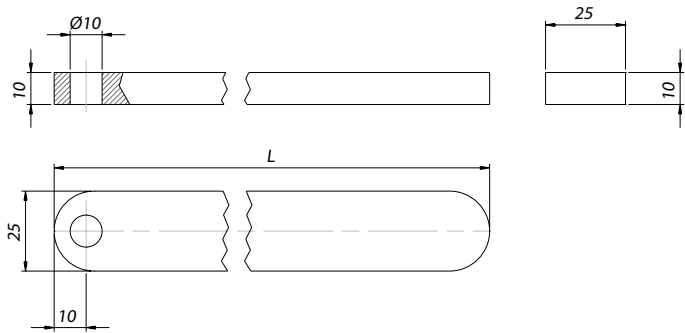
Asta di collegamento 25x10
Connection rod 25x10
Tringle de jonction 25x10
Verbindungsstange 25x10
Varilla de conexión 25x10
Соединительный стержень 25x10



CODE	ART.	Size	Finitura Finishing	L	Box info	
					Pcs per pack	Kg
10203503 001	692 P	1,2 mt	Zincato	1200	1	2,3
10203503 003	692 P	1,2 mt	Zincato Nero	1200	1	2,3
10203515 001	692 P	3,0 mt	Zincato	3000	1	5,9
10203515 003	692 P	3,0 mt	Zincato Nero	3000	1	5,9
10203504 001	692 P	4,8 mt	Zincato	4800	1	9,5
10203504 003	692 P	4,8 mt	Zincato Nero	4800	1	9,5

Zincato: Galvanized / Galvanisé / Verzinkt / Galvanizado / Оцинкованная
Zincato Nero: Black Galvanized / Galvanisé Noir / Verzinkt Schwarz / Galvanizado negro / Оцинкованная черный

Categoria commerciale: 3A



692 G

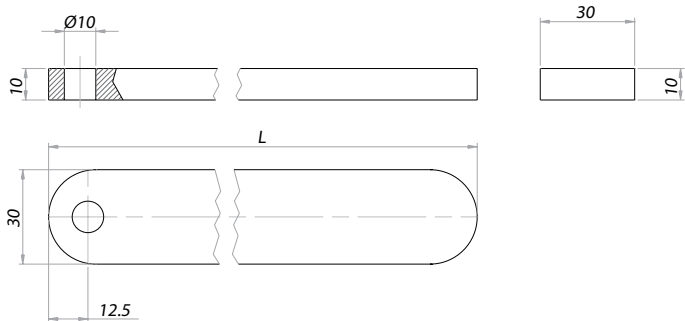
Asta di collegamento 30x10
Connection rod 30x10
Tringle de jonction 30x10
Verbindungsstange 30x10
Varilla de conexión 30x10
Соединительный стержень 30x10



CODE	ART.	Size	Finitura Finishing	L	Box info	
					Pcs per pack	Kg
10203518 001	692 G	1,2 mt	Zincato	1200	1	2,8
10203518 003	692 G	1,2 mt	Zincato Nero	1200	1	2,8
10203530 001	692 G	3,0 mt	Zincato	3000	1	7,0
10203530 003	692 G	3,0 mt	Zincato Nero	3000	1	7,0
10203540 001	692 G	4,8 mt	Zincato	4800	1	11,3
10203540 003	692 G	4,8 mt	Zincato Nero	4800	1	11,3

Zincato: Galvanized / Galvanisé / Verzinkt / Galvanizado / Оцинкованная
Zincato Nero: Black Galvanized / Galvanisé Noir / Verzinkt Schwarz / Galvanizado negro / Оцинкованная черный

Categoria commerciale: 3A



693 MC

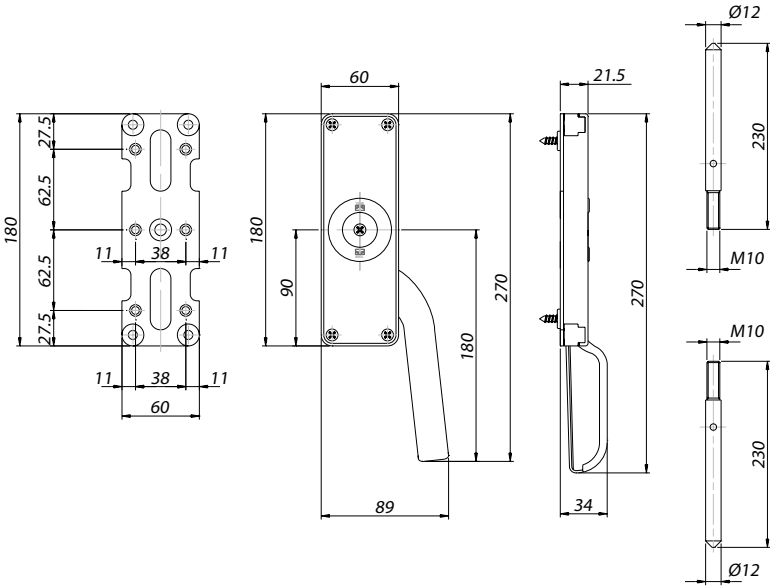
Cariglione star piccolo per aste interne
Small star lever bolt for internal rods
Crémone star petite pour tringles intérieures
Treibriegel star klein für innenstangen
Falleba star pequeña para varillas internas
Малый болтовой рычаг star для внутренних стержней



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 nero / RAL 9005 black

Categoria commerciale: 3A



694 MC

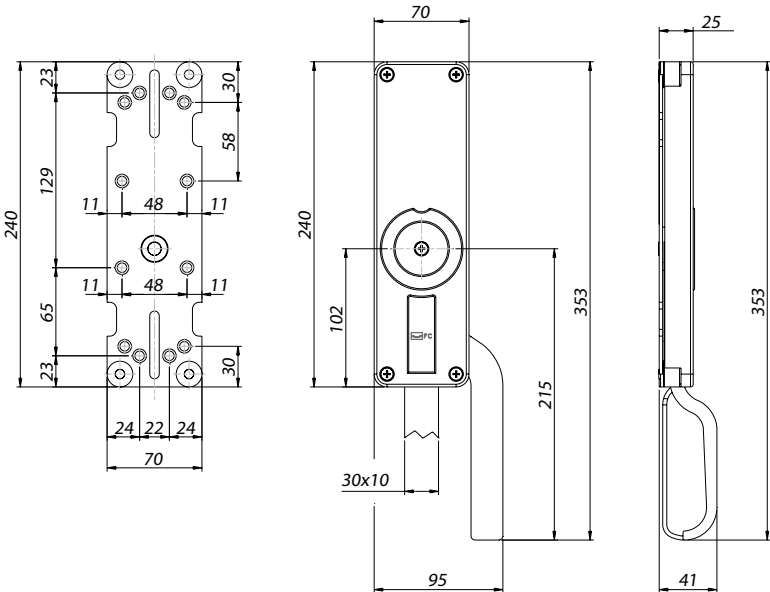
Cariglione star grande
Large star lever bolt
Crémone star grande
Treibriegel star gross
Falleba star grande
Большой болтовой рычаг star



CODE	ART.	Finitura Finishing	Corsa Rod stroke	Box info	
				Pcs per pack	Kg
11205506 001	694 MC	Zincato	40	2	3,8
11205506 503	694 MC	RAL 9005	40	2	3,8
11205511 001	694 MC	Zincato	40	2	3,8
11205511 503	694 MC	RAL 9005	40	2	3,8

Zincato: Galvanized / Galvanisé / Verzinkt / Galvanizado / Оцинкованная
RAL 9005: nero / black / noir / Schwarz / negro / черный

Categoria commerciale: 3A





695 P

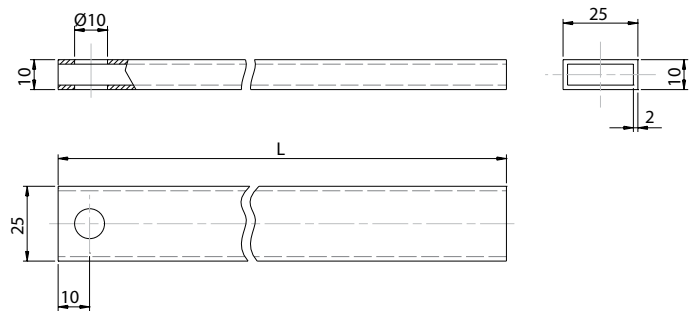
Asta di collegamento tubolare 25x10
Connection tubular rod 25x10
Triage de jonction tubulaire 25x10
Rohr-Verbindungsstange 25x10
Varilla de conexión tubular 25x10
Соединительный стержень трубчатый 25x10



CODE	ART.	Size	Finitura Finishing	L	Box info	
					Pcs per pack	Kg
10203703 001	695 P	1,2 mt	Zincato	1200	1	1,2
10203703 003	695 P	1,2 mt	Zincato Nero	1200	1	1,2
10203715 001	695 P	3,0 mt	Zincato	3000	1	2,9
10203715 003	695 P	3,0 mt	Zincato Nero	3000	1	2,9
10203704 001	695 P	4,8 mt	Zincato	4800	1	4,7
10203704 003	695 P	4,8 mt	Zincato Nero	4800	1	4,7

Zincato: Galvanized / Galvanisé / Verzinkt / Galvanizado / Оцинкованная
Zincato Nero: Black Galvanized / Galvanisé Noir / Verzinkt Schwarz / Galvanizado negro / Оцинкованная черный

Categoria commerciale: 3A



695 G

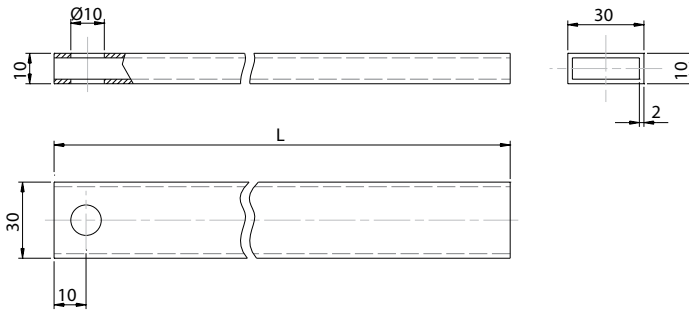
Asta di collegamento tubolare 30x10
Connection tubular rod 30x10
Triage de jonction tubulaire 30x10
Rohr-Verbindungsstange 30x10
Varilla de conexión tubular 30x10
Соединительный стержень трубчатый 30x10



CODE	ART.	Size	Finitura Finishing	L	Box info	
					Pcs per pack	Kg
10203718 001	695 G	1,2 mt	Zincato	1200	1	1,2
10203718 003	695 G	1,2 mt	Zincato Nero	1200	1	1,2
10203730 001	695 G	3,0 mt	Zincato	3000	1	3,4
10203730 003	695 G	3,0 mt	Zincato Nero	3000	1	3,4
10203740 001	695 G	4,8 mt	Zincato	4800	1	5,4
10203740 003	695 G	4,8 mt	Zincato Nero	4800	1	5,4

Zincato: Galvanized / Galvanisé / Verzinkt / Galvanizado / Оцинкованная
Zincato Nero: Black Galvanized / Galvanisé Noir / Verzinkt Schwarz / Galvanizado negro / Оцинкованная черный

Categoria commerciale: 3A



695 PM

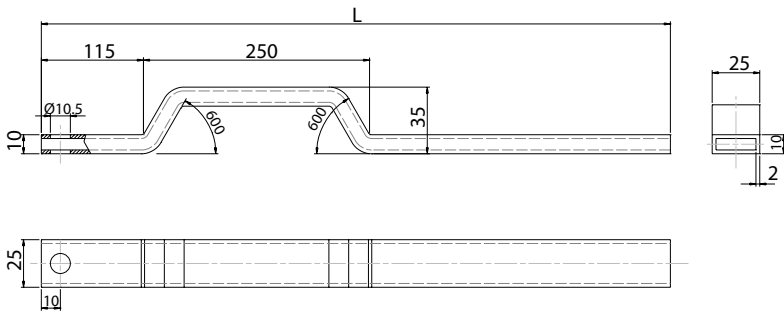
Asta di chiusura tubolare con
maniglia 25x10
Closing tubular rod with handle 25x10
Triage tubulaire de fermeture avec poignée 25x10
Rohrverschlussstange mit Griffe 25x10
Varilla de cierre tubular con manilla 25x10
Закрывающий стержень трубчатый с ручкой 25x10



CODE	ART.	Size	Finitura Finishing	L	Box info	
					Pcs per pack	Kg
10203702 001	695 PM	1,2 mt	Zincato	1200	1	1,2
10203702 003	695 PM	1,2 mt	Zincato Nero	1200	1	1,2

Zincato: Galvanized / Galvanisé / Verzinkt / Galvanizado / Оцинкованная
Zincato Nero: Black Galvanized / Galvanisé Noir / Verzinkt Schwarz / Galvanizado negro / Оцинкованная черный

Categoria commerciale: 3A



695 GM

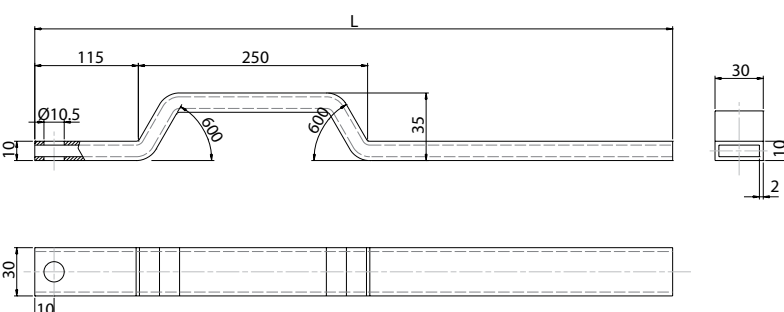
Asta di chiusura tubolare con
maniglia 30x10
Closing tubular rod with handle 30x10
Triage tubulaire de fermeture avec poignée 30x10
Rohrverschlussstange mit Griffe 30x10
Varilla de cierre tubular con manilla 30x10
Закрывающий стержень трубчатый с ручкой 30x10



CODE	ART.	Size	Finitura Finishing	L	Box info	
					Pcs per pack	Kg
10203701 001	695 GM	1,2 mt	Zincato	1200	1	1,4
10203701 003	695 GM	1,2 mt	Zincato Nero	1200	1	1,4

Zincato: Galvanized / Galvanisé / Verzinkt / Galvanizado / Оцинкованная
Zincato Nero: Black Galvanized / Galvanisé Noir / Verzinkt Schwarz / Galvanizado negro / Оцинкованная черный

Categoria commerciale: 3A



699

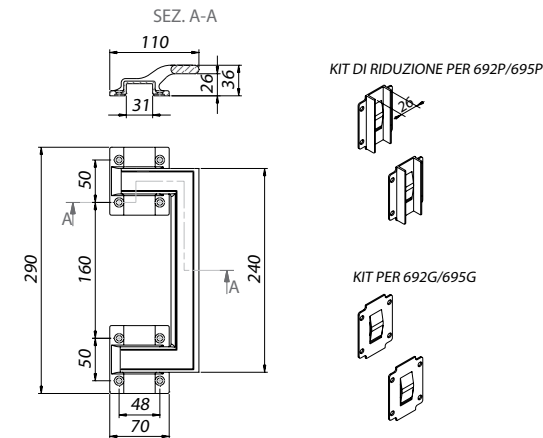
Maniglione di trascinamento in nylon
con passanti
Nylon pull handle with guides
Poignée d'entraînement en nylon avec traversants
Nylongriff zum Ziehen mit Laschen
Carro con 2 ruedas giratorias con rodamientos
Тележка с 2 поворотными колесами с подшипниками



CODE	ART.	Box info	
		Pcs per pack	Kg
11003500	699	10	3,0

Finishing: nylon nero / nylon black

Categoria commerciale: 3F





696 MC

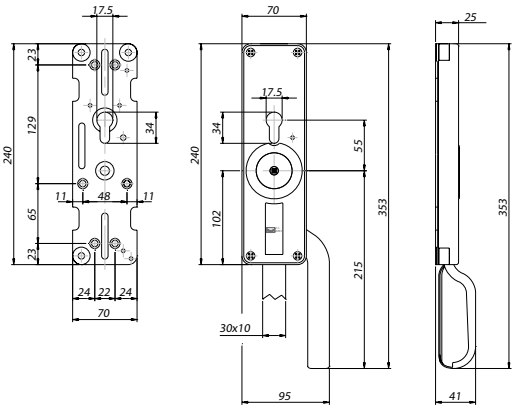
Cariglione star grande predisposto per cilindro
Large star lever bolt for cylinder
Crémone star grande pour cylindre
Treibriegel star gross für Zylinder
Falleba star grande para cilindro
Большой болтовой рычаг star для цилиндра



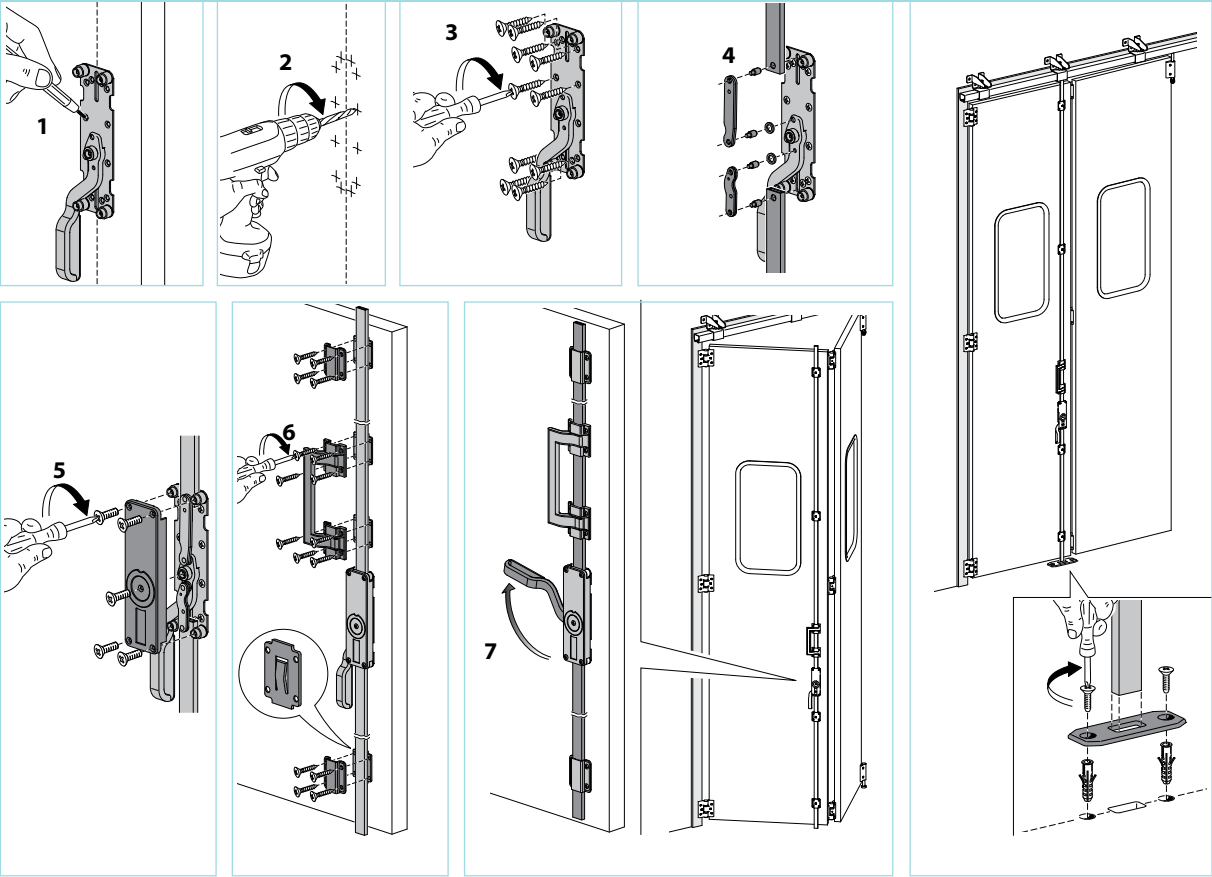
CODE	ART.	Size	Finitura Finishing	Corsa Rod stroke	Box info	
					Pcs per pack	Kg
11206006 001	696 MC	DX	Zincato	40	2	3,0
11206006 503	696 MC	DX	RAL 9005	40	2	3,0
11206011 001	696 MC	SX	Zincato	40	2	3,0
11206011 503	696 MC	SX	RAL 9005	40	2	3,0

Zincato: Galvanized / Galvanisé / Verzinkt
RAL 9005: nero / black / noir / Schwarz

Categoria commerciale: 3A



Mounting instructions art. 696 MC



698 MC

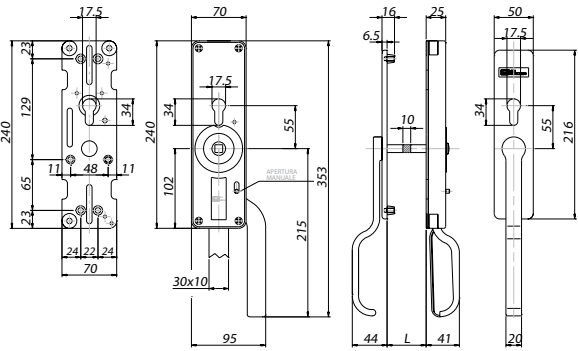
Cariglione star grande con maniglia esterna
Large star lever bolt with external handle
Crémone star grande avec béquille extérieure
Treibriegel star gross
Falleba star grande con manilla exterior
Большой болтовой рычаг star с наружной ручкой



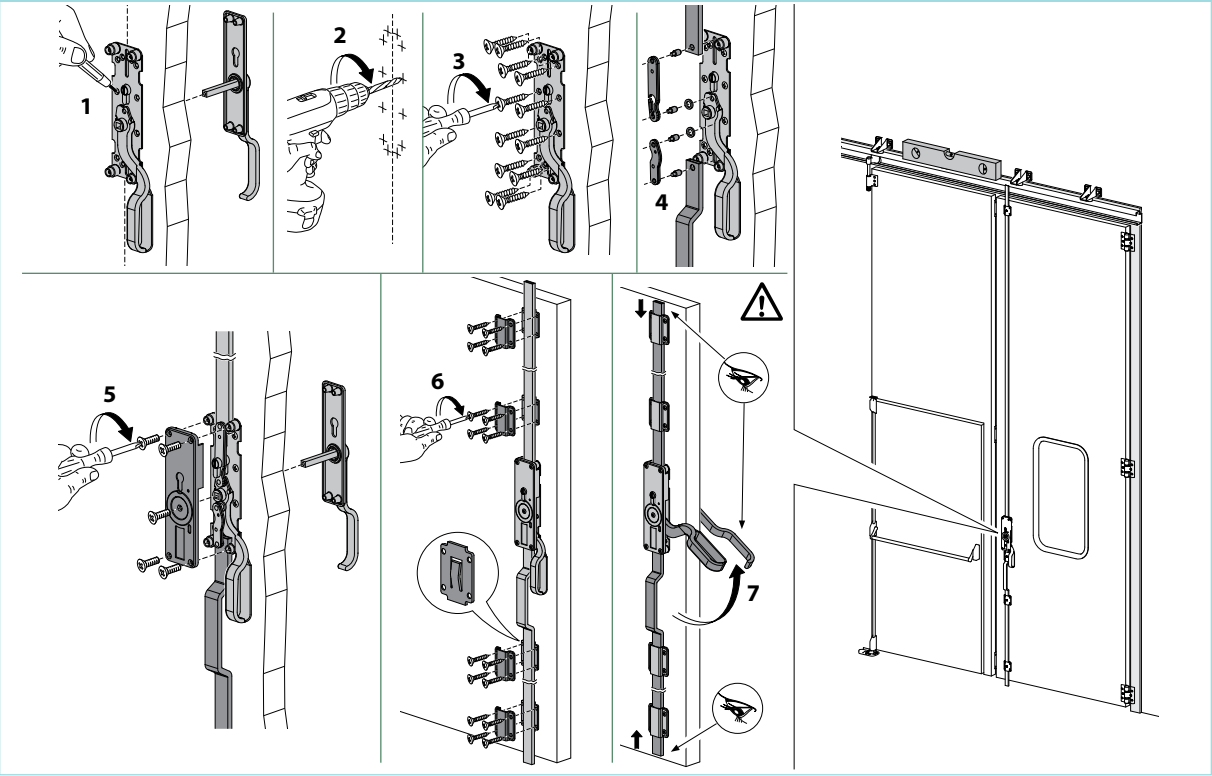
CODE	ART.	Size	L	Finitura Finishing	Corsa Rod stroke	Box info	
						Pcs per pack	Kg
11206506 001	698 MC	DX	50	Zincato	40	2	4,3
11206506 503	698 MC	DX	50	RAL 9005	40	2	4,3
11206511 001	698 MC	SX	50	Zincato	40	2	4,3
11206511 503	698 MC	SX	50	RAL 9005	40	2	4,3
11206526 001	698 MC	DX	80	Zincato	40	2	4,4
11206526 503	698 MC	DX	80	RAL 9005	40	2	4,4
11206531 001	698 MC	SX	80	Zincato	40	2	4,4
11206531 503	698 MC	SX	80	RAL 9005	40	2	4,4

Zincato: Galvanized / Galvanisé / Verzinkt
RAL 9005: nero / black / noir / Schwarz

Categoria commerciale: 3A



Mounting instructions art. 698 MC





A370 P

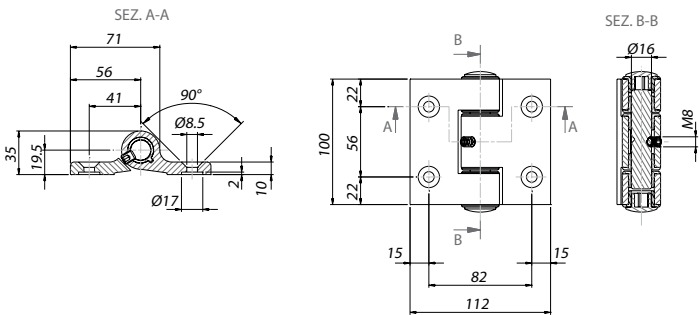
Cerniera doppia piccola in alluminio piana
Small flat aluminium double hinge
Paumelle double petite en aluminium plate
Doppelscharnier klein aus Aluminium flach
Pernio doble pequeño de aluminio chato
Малый плоский двойной шарнир из алюминия



CODE	ART.	Size	Portata Capacity	Box info	
				Pcs per pack	Kg
11630405 503	A370 P	Piccolo	200 kg	12	6,0

Finishing: RAL 9005 nero / RAL 9005 black

Categoria commerciale: 3D



A380 P

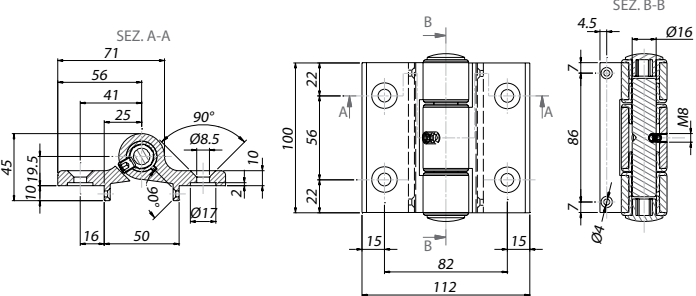
Cerniera doppia piccola in alluminio con battute
Small aluminium double hinge with steps
Paumelle double petite en aluminium avec butées
Doppelscharnier klein aus Aluminium mit Stützen
Pernio doble pequeño de aluminio con topes
Малый двойной шарнир из алюминия с упорами



CODE	ART.	Size	Portata Capacity	Box info	
				Pcs per pack	Kg
11630505 503	A380 P	Piccolo	200 kg	12	10,0

Finishing: RAL 9005 nero / RAL 9005 black

Categoria commerciale: 3D



A371 P

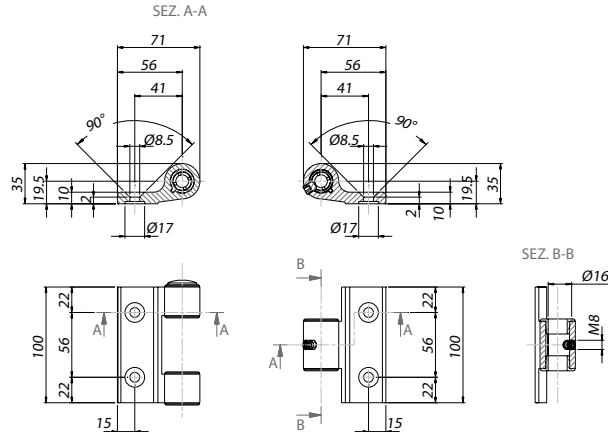
Cerniera doppia piccola in alluminio senza perno
Small flat aluminium double hinge, without pin
Paumelle double petite en aluminium plate, sans pivot
Doppelscharnier klein aus Aluminium flach, ohne Bolzen
Pernio doble pequeño de aluminio sin eje
Малый двойной шарнир из алюминия без штифта



CODE	ART.	Size	Portata Capacity	Box info	
				Pcs per pack	Kg
11630905 503	A371 P	Piccolo	200 kg	4	1,4

Finishing: RAL 9005 nero / RAL 9005 black

Categoria commerciale: 3D



A380 R

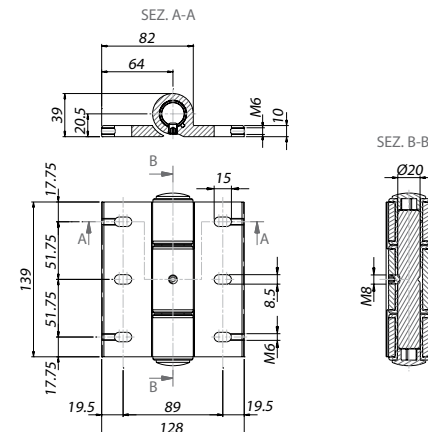
Cerniera doppia in alluminio piana, regolabile
Flat aluminium double hinge, adjustable
Paumelle double en aluminium plate, réglable
Doppelscharnier aus aluminium flach, regulierbar
Pernio doble de aluminio chato, regulable
Плоский двойной шарнир из алюминия, регулируемый



CODE	ART.	Portata Capacity	Box info	
			Pcs per pack	Kg
11634005 503	A380 R	400 kg	4	4,0

Finishing: RAL 9005 nero / RAL 9005 black

Categoria commerciale: 3D



A380 G

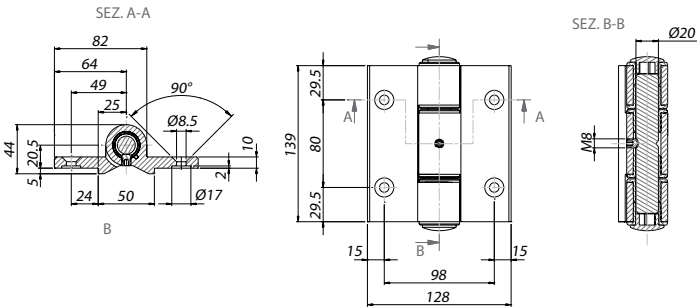
Cerniera doppia grande in alluminio con battute
Large aluminium double hinge with steps
Paumelle double grande en aluminium avec butées
Doppelscharnier gross aus Aluminium mit Stützen
Pernio doble grande de aluminio con topes
Большой двойной шарнир из алюминия с упорами



CODE	ART.	Size	Portata Capacity	Box info	
				Pcs per pack	Kg
11630511 503	A380 G	Grande	400 kg	12	11,7

Finishing: RAL 9005 nero / RAL 9005 black

Categoria commerciale: 3D



A381 G

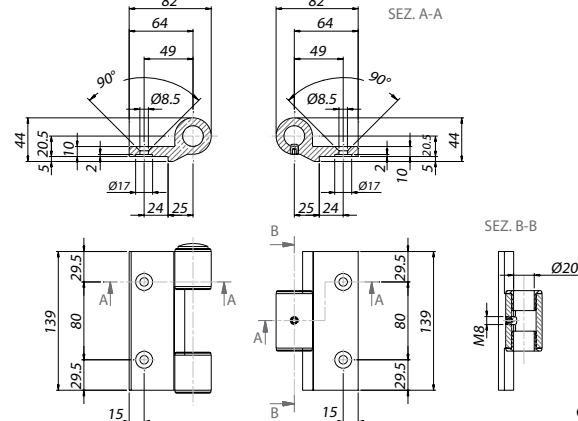
Cerniera doppia grande in alluminio con battute, senza perno
Large aluminium double hinge with steps, without pin
Paumelle double grande en aluminium avec butées, sans pivot
Doppelscharnier gross aus Aluminium mit Stützen, ohne Bolzen
Pernio doble grande de aluminio con topes, sin eje
Большой двойной шарнир из алюминия с упорами, без штифта



CODE	ART.	Size	Portata Capacity	Box info	
				Pcs per pack	Kg
11631011 503	A381 G	Grande	400 kg	4	2,8

Finishing: RAL 9005 nero / RAL 9005 black

Categoria commerciale: 3D





A381 P

Cerniera doppia piccola in alluminio con battute, senza perno

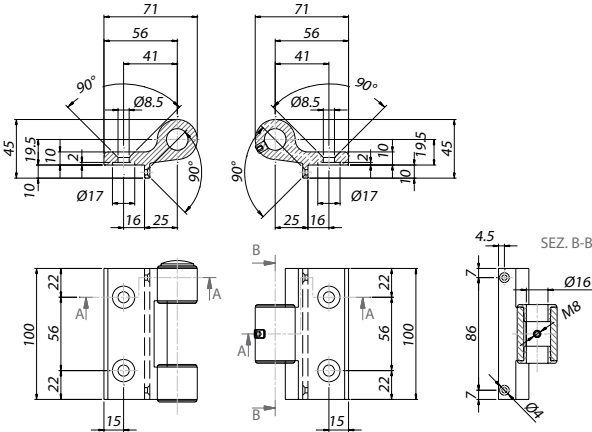
Small aluminium double hinge with steps, without pin
Paumelle double petite en aluminium, avec butées, sans pivot
Doppelscharnier klein aus Aluminium mit Stützen, ohne Bolzen
Pernio doble pequeño de aluminio con topes, sin eje
Малый двойной шарнир из алюминия с упорами, без штифта



CODE	ART.	Size	Portata Capacity	Box info	
				Pcs per pack	Kg
11631005 503	A381 P	Piccolo	200 kg	4	2,2

Finishing: RAL 9005 nero / RAL 9005 black

Categoria commerciale: 3D



A384 P

Cerniera singola piccola in alluminio piana

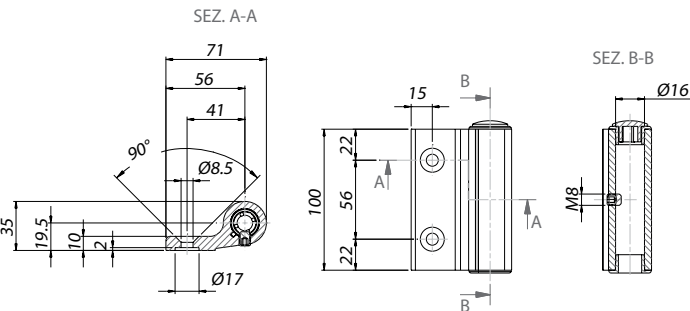
Small flat aluminium hinge
Paumelle simple petite en aluminium plate
Einzel-Scharnier klein aus Aluminium flach
Pernio pequeño de aluminio chato
Малый плоский одинарный шарнир из алюминия



CODE	ART.	Size	Portata Capacity	Box info	
				Pcs per pack	Kg
11632405 503	A384 P	Piccolo	150 kg	4	1,0

Finishing: RAL 9005 nero / RAL 9005 black

Categoria commerciale: 3D



A385 P

Cerniera singola piccola in alluminio con battuta

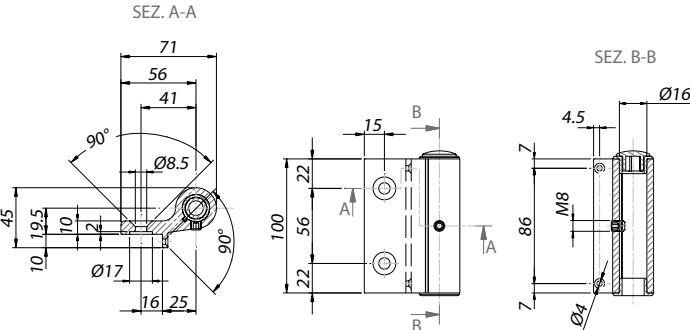
Small aluminium hinge with step
Paumelle simple petite en aluminium avec butée
Einzel-scharnier klein aus Aluminium mit Stütze
Pernio pequeño de aluminio con tope
Малый одинарный шарнир из алюминия с упором



CODE	ART.	Size	Portata Capacity	Box info	
				Pcs per pack	Kg
11632505 503	A385 P	Piccolo	150 kg	4	1,0

Finishing: RAL 9005 nero / RAL 9005 black

Categoria commerciale: 3D



P365

Cerniera singola in alluminio pressofuso con battuta disassata

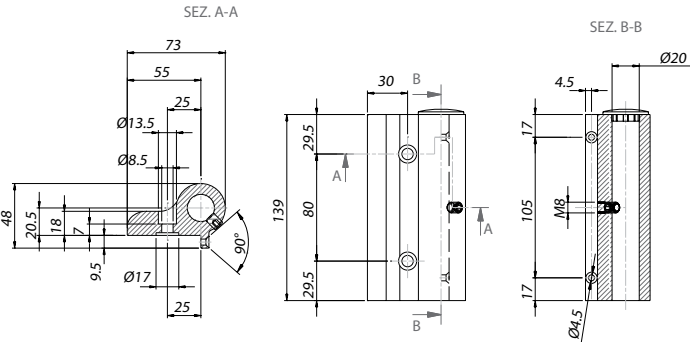
Die-cast aluminium hinge with off-centre step
Paumelle simple en aluminium moulée avec butée désaxée
Einzel-Scharnier aus Alu-druckguss mit ausserachsiger Stütze
Pernio de aluminio fundido a presión con tope descentrado
Одинарный шарнир из литого алюминия с упором, смещенный



CODE	ART.	Portata Capacity	Box info	
			Pcs per pack	Kg
11644015 503	P 365	200 kg	4	1,8

Finishing: RAL 9005 nero / RAL 9005 black

Categoria commerciale: 3D



P365 R

Cerniera singola ridotta in alluminio pressofuso con battuta

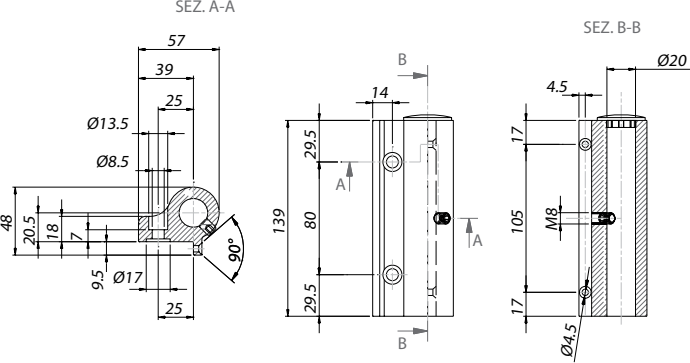
Reduced die-cast aluminium hinge with step
Paumelle simple reduite en aluminium moulée avec butée
Einzel-scharnier reduziert aus Alu-druckguss mit Stütze
Pernio reducido de aluminio fundido a presión con tope
Уменьшенный одинарный шарнир из литого алюминия с упором



CODE	ART.	Portata Capacity	Box info	
			Pcs per pack	Kg
11645515 503	P365 R	200 kg	4	1,6

Finishing: RAL 9005 nero / RAL 9005 black

Categoria commerciale: 3D



P368 I

Cerniera inferiore in alluminio pressofuso decentrata

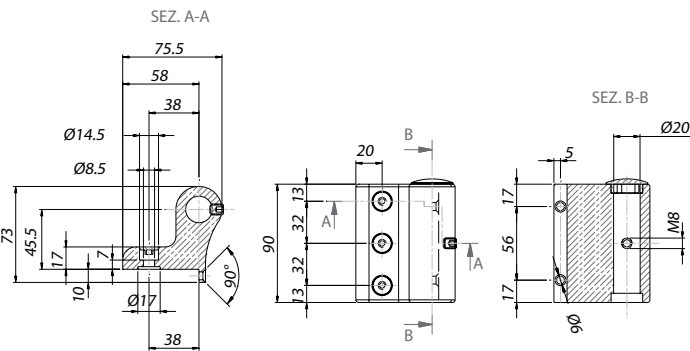
Off-centre die-cast aluminium lower hinge
Paumelle inférieure en aluminium moulée décentrée
Unteres-Scharnier aus Alu-druckguss dezentriert
Pernio inferior de aluminio fundido a presión descentrado
Нижний шарнир из литого алюминия, смещенный



CODE	ART.	Portata Capacity	Box info	
			Pcs per pack	Kg
11644500 503	P368 I	200 kg	4	2,6

Finishing: RAL 9005 nero / RAL 9005 black

Categoria commerciale: 3D





P368 M

Cerniera superiore/inferiore
maggiorata decentrata

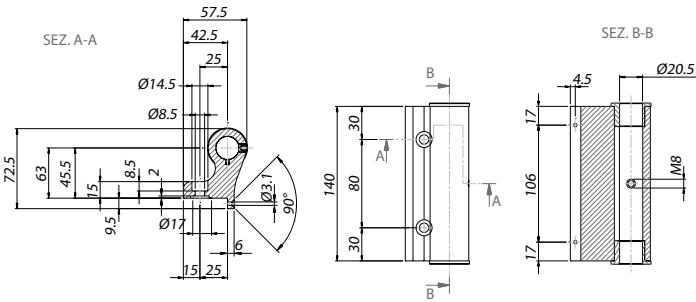
Off-center oversized upper/lower hinge
Paumelle supérieure/inférieure surdimensionnée décentrée
Dezentralisiertes oberes/unteres Schamier vergrößert
Pernio superior/inferior sobredimensionado descentrado
Верхний/нижний шарнир увеличенный смещенный



CODE	ART.	Portata Capacity	Box info	
			Pcs per pack	Kg
11644560 503	P368 M	200 kg	4	2,5

Finishing: RAL 9005 nero / RAL 9005 black

Categoria commerciale: 3D



P368 S

Cerniera superiore in alluminio
pressofuso decentrata

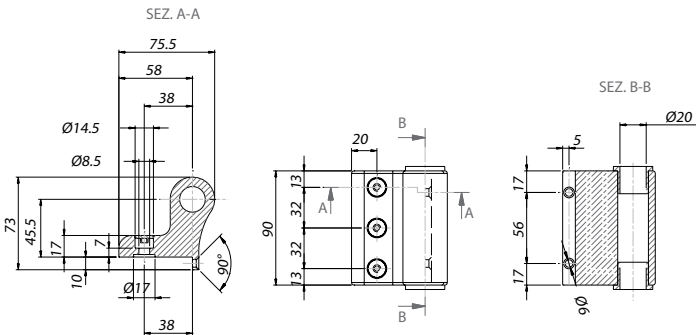
Off-centre die-cast aluminium upper hinge
Paumelle supérieure en aluminium moulée décentrée
Oberes Schamier aus Alu-druckguss dezentriert
Pernio superior de aluminio fundido a presión descentrado
Верхний шарнир из литого алюминия, смещенный



CODE	ART.	Portata Capacity	Box info	
			Pcs per pack	Kg
11644550 503	P368 S	130 kg	4	2,6

Finishing: RAL 9005 nero / RAL 9005 black

Categoria commerciale: 3D



P370

Cerniera doppia in alluminio
pressofuso piana

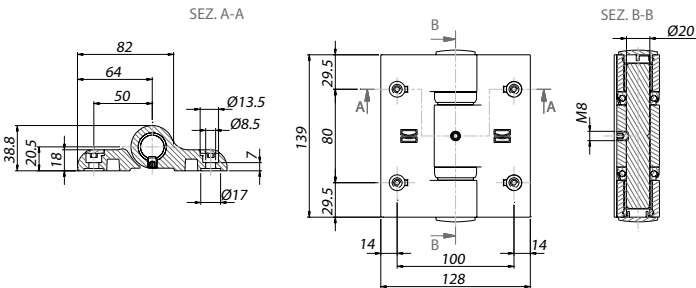
Flat die-cast aluminium double hinge
Paumelle double en aluminium moulée plate
Doppelscharnier aus Alu-druckguss flach
Pernio doble de aluminio fundido a presión chato
Плоский двойной шарнир из литого алюминия



CODE	ART.	Portata Capacity	Box info	
			Pcs per pack	Kg
11640710 503	P370	300 kg	12	12,6

Finishing: RAL 9005 nero / RAL 9005 black

Categoria commerciale: 3D



P371

Cerniera doppia in alluminio
pressofuso piana, senza perno

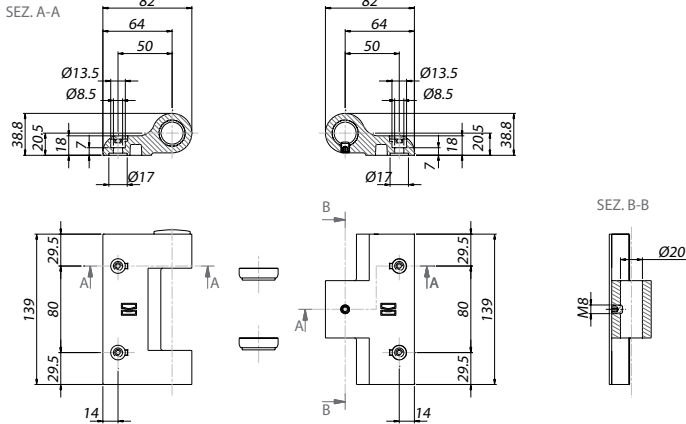
Flat die-cast aluminium double hinge, without pin
Paumelle double en aluminium moulée plate, sans pivot
Doppelscharnier aus Alu-druckguss flach, ohne Bolzen
Pernio doble de aluminio fundido a presión chato, sin eje
Плоский двойной шарнир из литого алюминия без штифта



CODE	ART.	Portata Capacity	Box info	
			Pcs per pack	Kg
11641210 503	P371	300 kg	4	3,1

Finishing: RAL 9005 nero / RAL 9005 black

Categoria commerciale: 3D



P380

Cerniera doppia in alluminio
pressofuso con battute

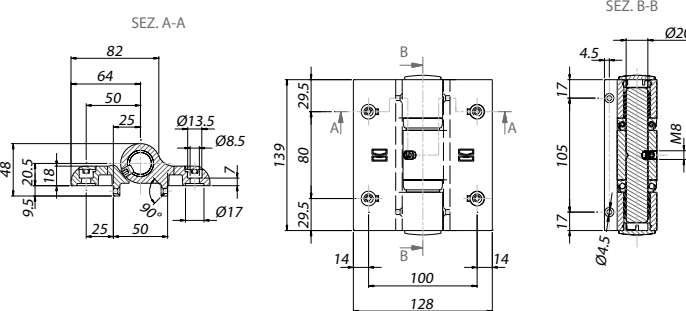
Die-cast aluminium double hinge with steps
Paumelle double en aluminium moulée avec butées
Doppelscharnier aus Alu-druckguss mit Stützen
Pernio doble de aluminio fundido a presión con topes
Плоский двойной шарнир из литого алюминия с упорами



CODE	ART.	Portata Capacity	Box info	
			Pcs per pack	Kg
11640510 503	P380	300 kg	12	13,0

Finishing: RAL 9005 nero / RAL 9005 black

Categoria commerciale: 3D



P381

Cerniera doppia in alluminio pressofuso
con battute, senza perno

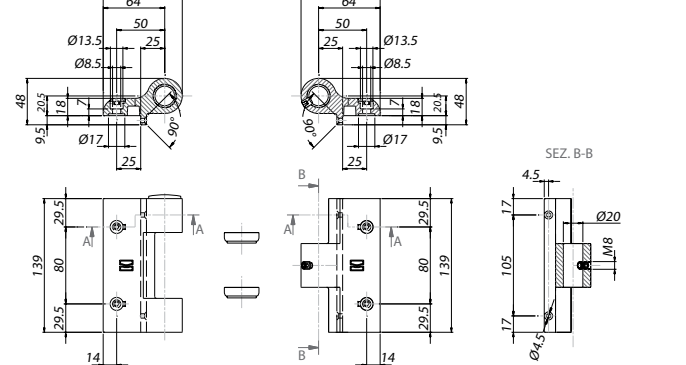
Die-cast aluminium double hinge, without pin
Paumelle double en aluminium moulée avec butées, sans pivot
Doppelscharnier aus Alu-druckguss mit Stützen, ohne Bolzen
Pernio doble de aluminio fundido a presión con topes, sin eje
Двойной шарнир из литого алюминия с упорами без штифта



CODE	ART.	Portata Capacity	Box info	
			Pcs per pack	Kg
11641010 503	P381	300 kg	4	5,0

Finishing: RAL 9005 nero / RAL 9005 black

Categoria commerciale: 3D





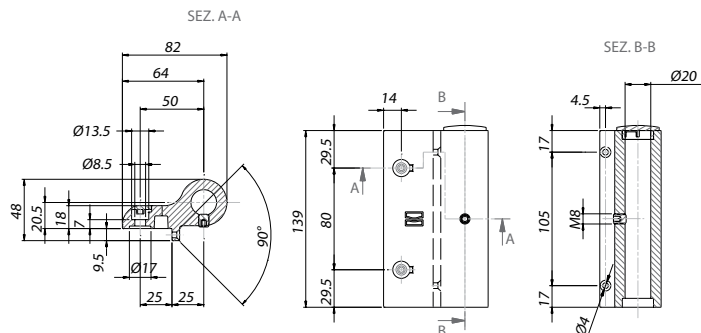
P385

Die-cast aluminium hinge with step
Paumelle simple en aluminium moulée avec butée
Einzel-scharnier aus Alu-druckguss mit Stütze
Pernio 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

Categoria commerciale: 3D



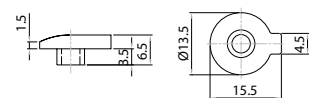
R383-13.5

Embout couvre-vis pour paumelle P380
Stöpsel für P380 schraube
Tapatomillo para pernio P380
Заглушка для закрытия винта для шарнира P380



CODE	ART.	Box info	
		Pcs per pack	Kg
10310702	R383-13.5	200	0,8

Categoria commerciale: 3E



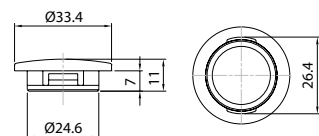
R383-33

Embout de tête pour paumelle P380
Stöpsel für Scharnierkopf P380
Tapa para pernio P380
Торцевая заглушка для шарнира P380



CODE	ART.	Box info	
		Pcs per pack	Kg
10310701	R383-33	200	0,8

Categoria commerciale: 3F



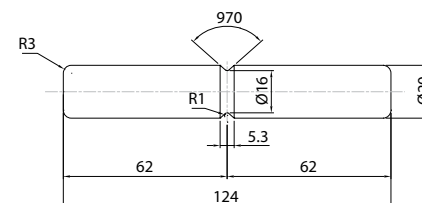
R378

Pin for hinge P380
Pivot pour paumelle P380
Bolzen für Scharnier P380
Eje para pernio P380
Штырь для шарнира P380



CODE	ART.	Box info	
		Pcs per pack	Kg
10310601 001	R378	20	6,0

Categoria commerciale: 3E



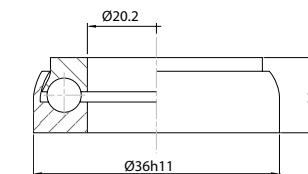
400

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

Categoria commerciale: 1E





Portoni industriali

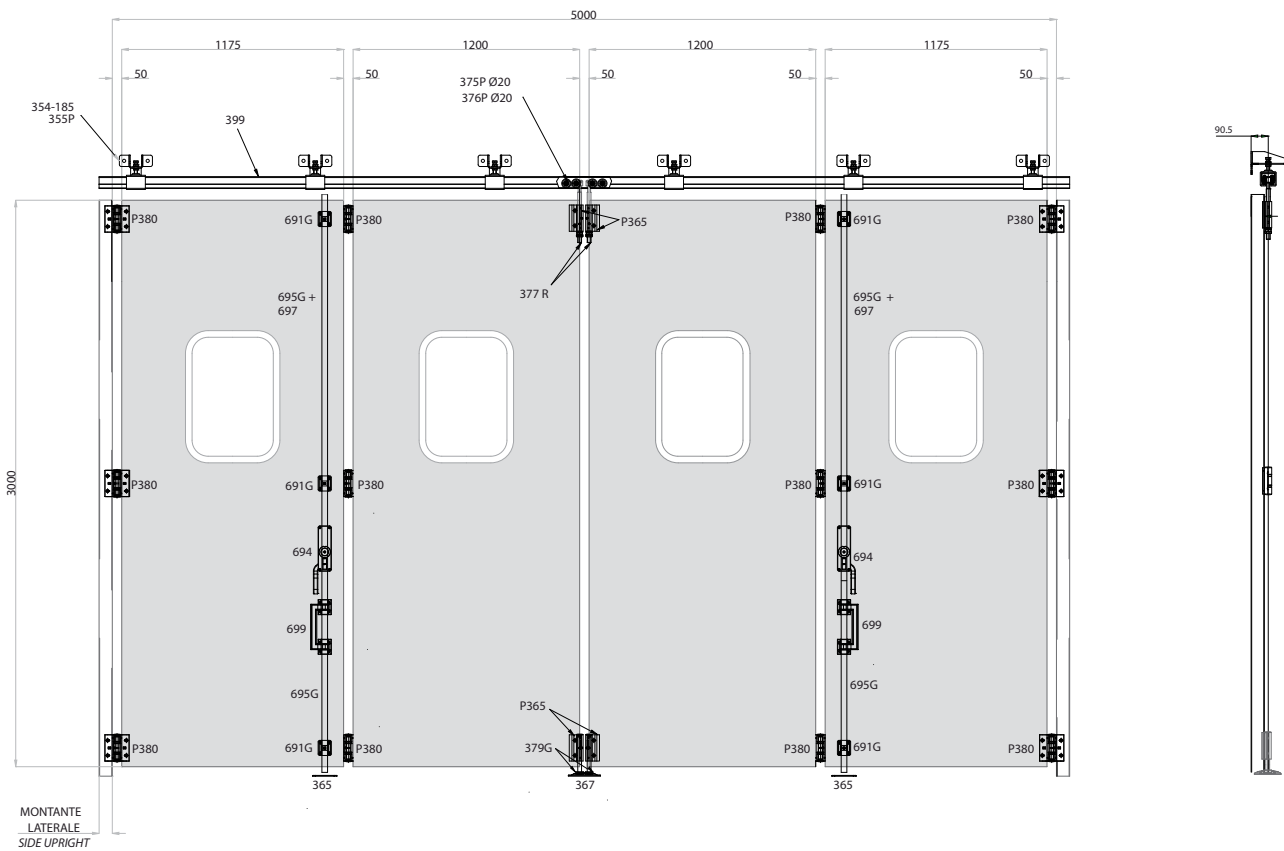
Industrial door systems



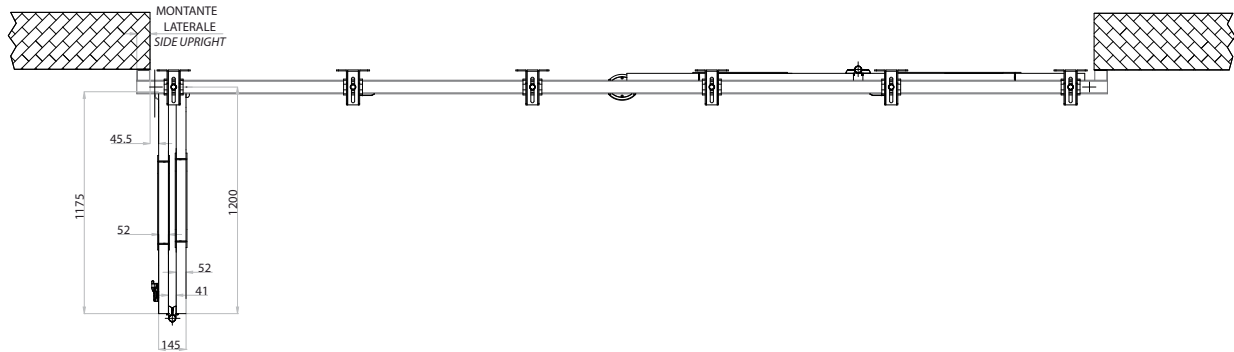
2+2 Ante impacchettamento laterale con carrello 4 ruote
2+2 Side folding panels with 4 wheel trolley / 2+2 Vantaux ramassage latéral avec chariot 4 galets / 2+2 Flügel seitliche paket-lagerung mit vierrädrigem rollenapparat / 2+2 Hojas plegables con carro 4 ruedas / 2+2 Створки с боковой заверткой с тележкой 4 колеса



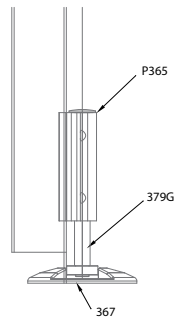
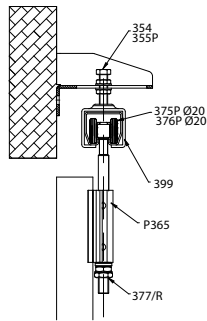
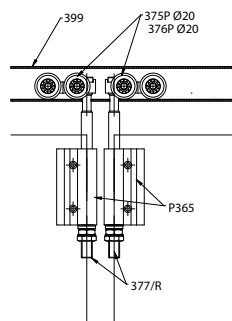
Schema con ante chiuse
Diagram with closed doors



Schema con ante aperte/chiusa
Diagram with open/closed doors



Particolari tecnici
Technical details



	ART.	DESCRIPTION	Box info	PAG.
			Pcs per pack	
	399	Monorotaia superiore per carrelli 4 ruote piccola zincata 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 / Monocarri superior pequeño galvanizado para carros con 4 ruedas / Верхний монорельс для тележек с 4 колесами малый оцинкованный	1 (6.0 m)	311
	354-185	Staffa regolabile a parete mm. 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	Supporto guida regolabile Adjustable guide support / Support guide réglable / Regulierbare führung / Soporte guía regulable / Опора регулируемой направляющей	6	300
	375 P20 / 376 P20	Carrello piccolo a 4 ruote in acciaio - nylon 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	Cariglione star grande Large star lever bolt / Cremona star grande / Treibriegel star gross / Falleba star grande / Большой болтовой рычаг star	1 DX + 1 SX	321
	699	Maniglione di trascinamento in nylon con passanti 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	Asta di chiusura tubolare 30x10 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	Passante per aste 30x10 Rod guide 30x10 / Traversant pour tringles 30x10 / Lasche für stangen 30x10 / Puente para varillas 30x10 / Сквозная направляющая для стержней 30x10	6	319
	365	Incontro per aste Floor strike plate for rods / Butoir pour tringles / Aufaufschuh für stangen / Encuentro para varillas / Упор для стержней	2	303
	367	Incontro a pavimento in nylon nero, con rinforzo in acciaio Black nylon floor strike plate, with steel reinforcement / Butoir au sol en nylon noir, avec renfort en acier / Bodenaufaufschuh 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	Cerniera doppia in alluminio pressofuso con battute Die-cast aluminium double hinge with steps / Paumelle double en aluminium moulée avec butees / Doppelscharnier aus alu-druckguss flach, ohne bolzen / Pernio doble de aluminio fundido a presión con topos / Плоский двойной шарнир из литого алюминия с упорами	12	331
	P365	Cerniera singola in alluminio pressofuso con battuta disassata Die-cast aluminium hinge with off-centre step / Paumelle simple en aluminium moulée avec butee desaxée / Einzelscharnier 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	Perno superiore ribassato Lowered upper pin / Pivot supérieur surbaisse / Oberer bolzen herabgesenkt / Perno superior rebajado / Верхний штырь пониженный	2	308
	379 G 135	Perno inferiore regolabile con cuscinetto 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	Tappo ammortizzatore ante Door leaf suppper / Embout d'amortissage vantaux / Stossdämpfer für türe / Amortiguador hojas / Амортизирующая пробка створки	2	295



Portoni industriali

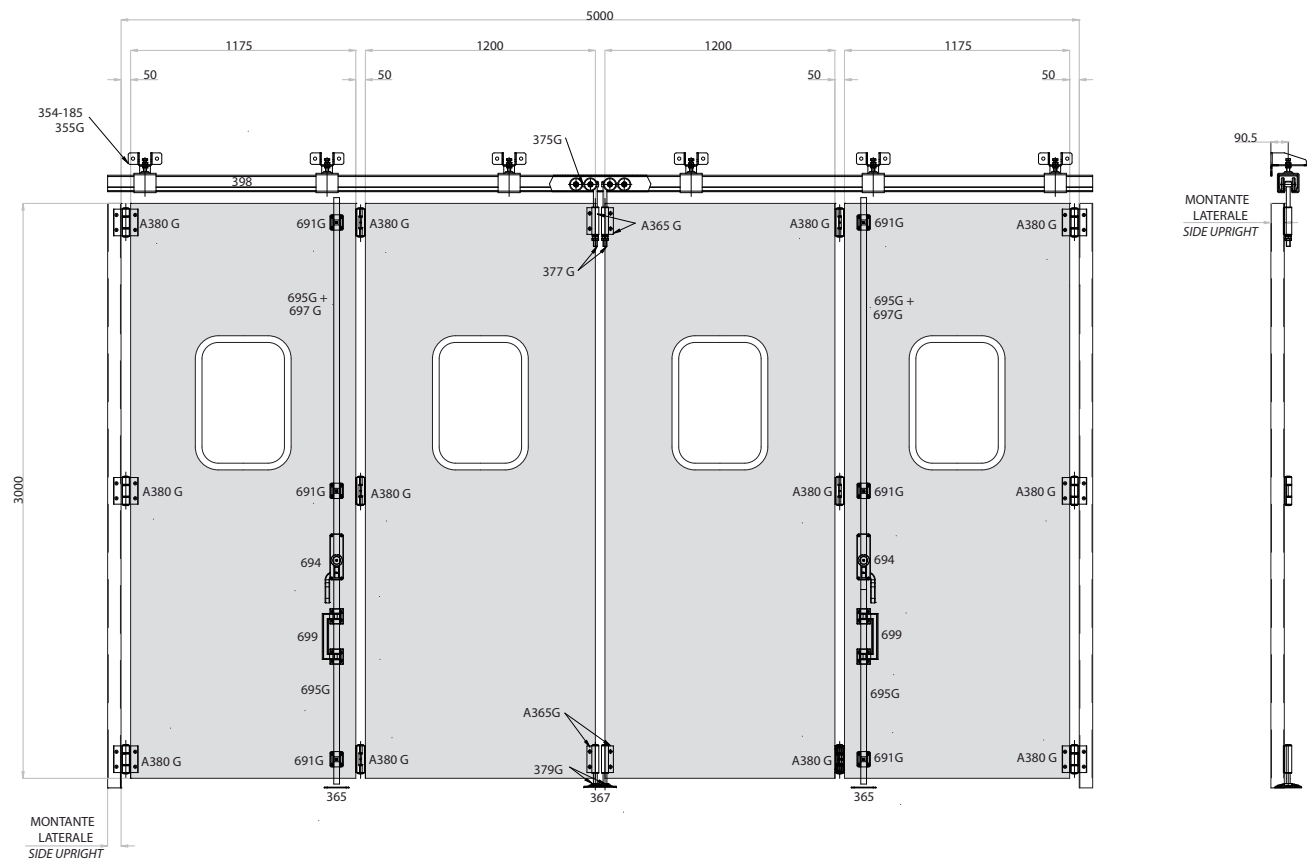
Industrial door systems

KIT

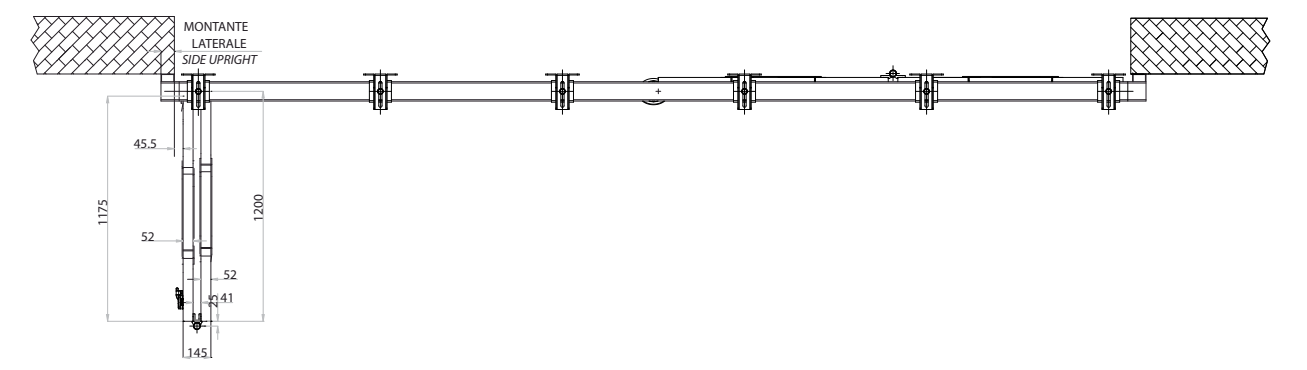
2+2 Ante impacchettamento laterale con carrello in acciaio pesante
2+2 Side folding panels with heavy steel trolley / 2+2 Vantaux ramassage latéral avec chariot en acier lourd / 2+2 Flügel seitliche paket-lagerung mit rollenapparat aus schwerem stahl / 2+2 Hojas plegables con carro de acero pesado / 2+2 Створки с боковой заверткой с тяжелой тележкой из стали



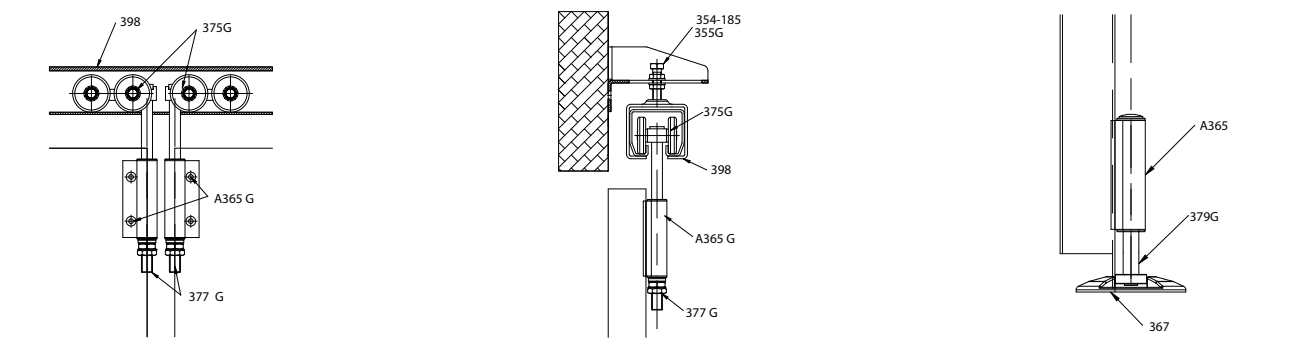
Schema con ante chiuse
Diagram with closed doors



Schema con ante aperte/chiusa
Diagram with open/closed doors



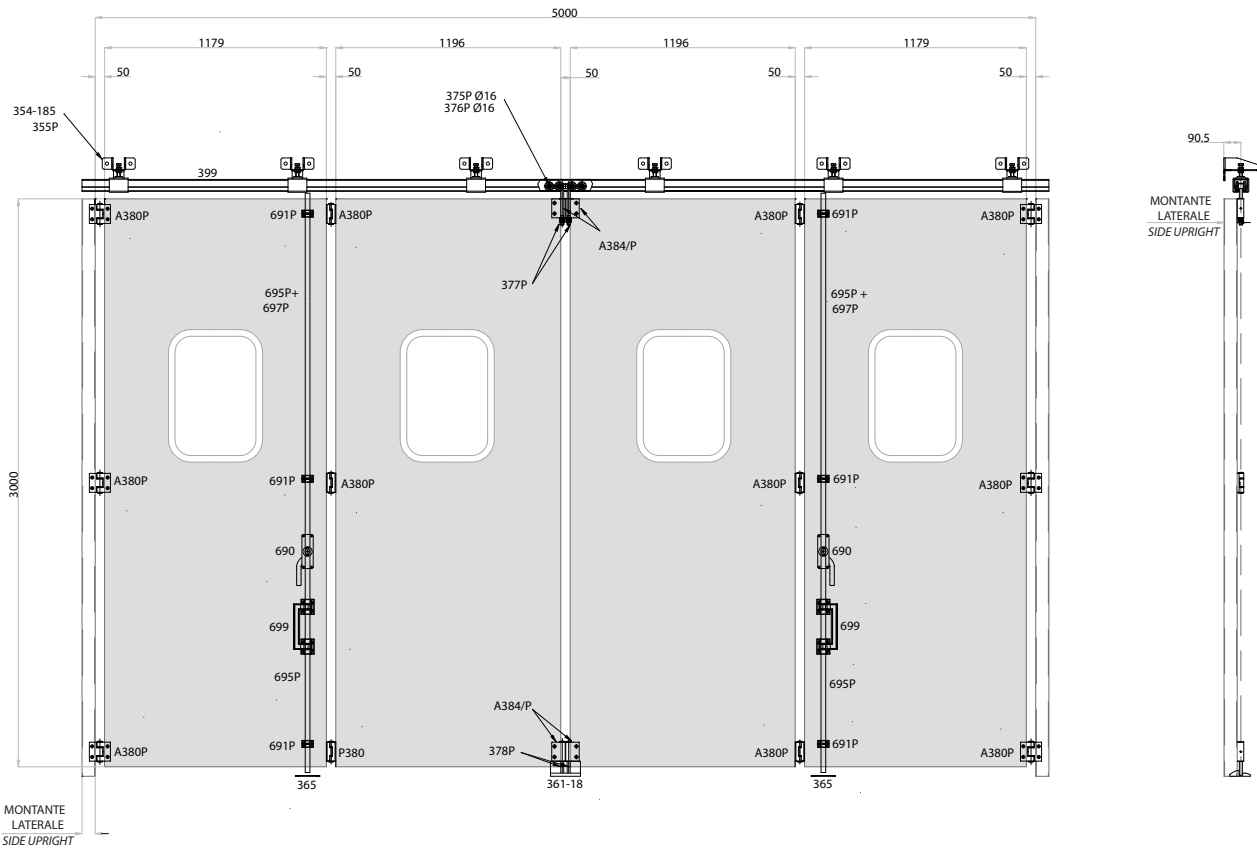
Particolari tecnici
Technical details



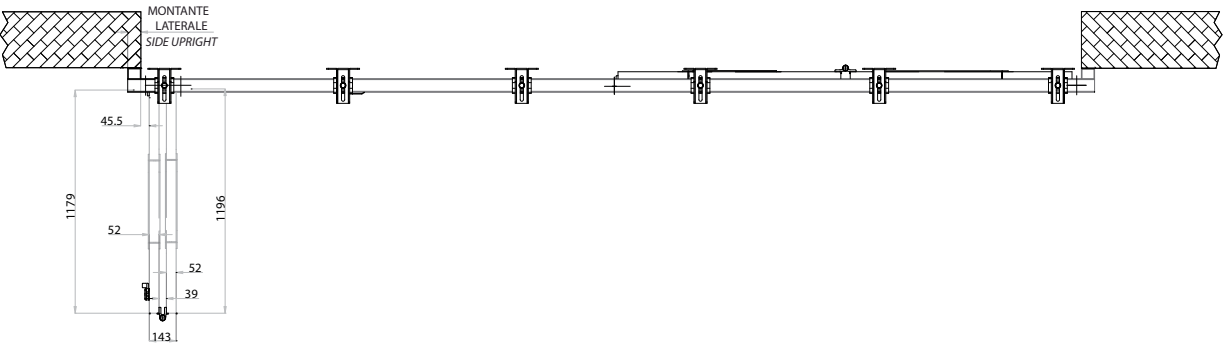
	ART.	DESCRIPTION	Box info	PAG.
			Pcs per pack	
	398	Monorotaia superiore per carrelli 4 ruote grande zincata Large galvanized upper guide for trolleys with four wheels / Rail supérieur pour chariots 4 galets grands zingués / Obere laufschiene für rollenapparate mit 4 rollen gross verzinkt / Monocaril superior grande galvanizado para carros con 4 ruedas / Верхний монорельс для тележек с 4 колесами большой оцинкованный	1 (6.0 m)	311
	354-185	Staffa regolabile a parete mm. 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	Supporto guida regolabile Adjustable guide support / Support guide réglable / Regulierbare führung / Soporte guía regulable / Опора регулируемой направляющей	6	300
	375 G	Carrello grande a 4 ruote in acciaio per perno da mm. 20 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	Cariglione star grande Large star lever bolt / Cremona star grande / Treibriegel star gross / Falleba star grande / Большой болтовой рычаг star	1 DX + 1 SX	321
	699	Maniglione di trascinamento in nylon con passanti 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	Asta di chiusura tubolare 30x10 Closing tubular rod 30x10 / Tringle tubulaire de fermeture 30x10 / Rohverschlussstange 30x10 / Varilla de cierre tubular 30x10 / Закрывающий стержень трубчатый 30x10	2 (1.20 m) + 2 (3.0 m)	322
	691 G	Passante per aste 30x10 Rod guide 30x10 / Traversant pour tringles 30x10 / Lasche für stangen 30x10 / Puente para varillas 30x10 / Сквозная направляющая для стержней 30x10	6	319
	365	Incontro per aste Floor strike plate for rods / Butoir pour tringles / Aufaufschuh für stangen / Encuentro para varillas / Упор для стержней	2	303
	367	Incontro a pavimento in nylon nero, con rinforzo in acciaio Black nylon floor strike plate, with steel reinforcement / Butoir au sol en nylon noir, avec renfort en acier / Bodenaufaufschuh 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	Cerniera doppia grande in alluminio con battute Large aluminium double hinge with steps / Paumelle double grande en aluminium avec butees / 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	Perno superiore per carrelli 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	Perno inferiore regolabile con cuscinetto 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	Tappo ammortizzatore ante Door leaf suppper / Embout d'amortissage vantaux / Stossdämpfer für türe / Amortiguador hojas / Амортизирующая пробка створки	2	295



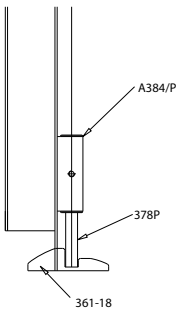
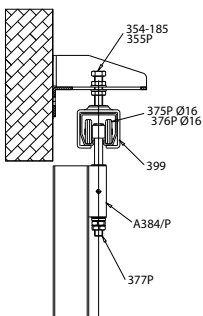
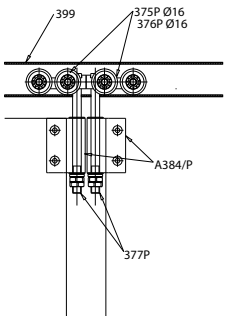
Schema con ante chiuse
Diagram with closed doors

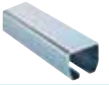


Schema con ante aperte/chiusa
Diagram with open/closed doors



Particolari tecnici
Technical details



	ART.	DESCRIPTION	Box info	PAG.
			Pcs per pack	
	399	Monorotaia superiore per carrelli 4 ruote piccola zincata 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 / Monocamili superior pequeño galvanizado para carros con 4 ruedas / Верхний монорельс для тележек с 4 колесами малый оцинкованный	1 (6.0 m)	311
	354-185	Staffa regolabile a parete mm. 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	Supporto guida regolabile Adjustable guide support / Support guide réglable / Regulierbare führung / Soporte guía regulable / Опора регулируемой направляющей	6	300
	375 P16 / 376 P16	Carrello piccolo a 4 ruote in acciaio / nylon 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	Cariglione star piccolo Small star lever bolt / Cremona star petite / Treibriegel star klein / Falleba star pequeña / Малый болтовой рычаг star	1 DX + 1 SX	318
	699	Maniglione di trascinamento in nylon con passanti 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	Asta di chiusura tubolare 25x10 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	Passante per aste 30x10 Rod guide 30x10 / Traversant pour tringles 30x10 / Lasche für stangen 30x10 / Puente para varillas 30x10 / Сквозная направляющая для стержней 30x10	6	319
	365	Incontro per aste Floor strike plate for rods / Butoir pour tringles / Aufaufschuh für stangen / Encuentro para varillas / Упор для стержней	2	303
	361 P	Incontro a pavimento in alluminio Aluminium floor strike plate / Butoir au sol en aluminium / Bodenaufaufschuh aus aluminium / Encuentro de aluminio para el suelo / Алюминиевый напольный упор	1	302
	A380 P	Ceniera doppia piccola in alluminio con battute 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	Cerniera singola piccola in alluminio piana 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	Perno superiore per carrelli Upper pin for trolleys / Pivot supérieur pour chariots / Oberer bolzen für rollenapparate / Perno superior para carros / Верхний штырь для тележек	2	307
	378 P	Perno inferiore regolabile Adjustable lower pin / Pivot inférieur réglable / Unterer bolzen Regulierbar / Perno inferior regulable / Нижний регулируемый штифт	2	305



Portoni industriali

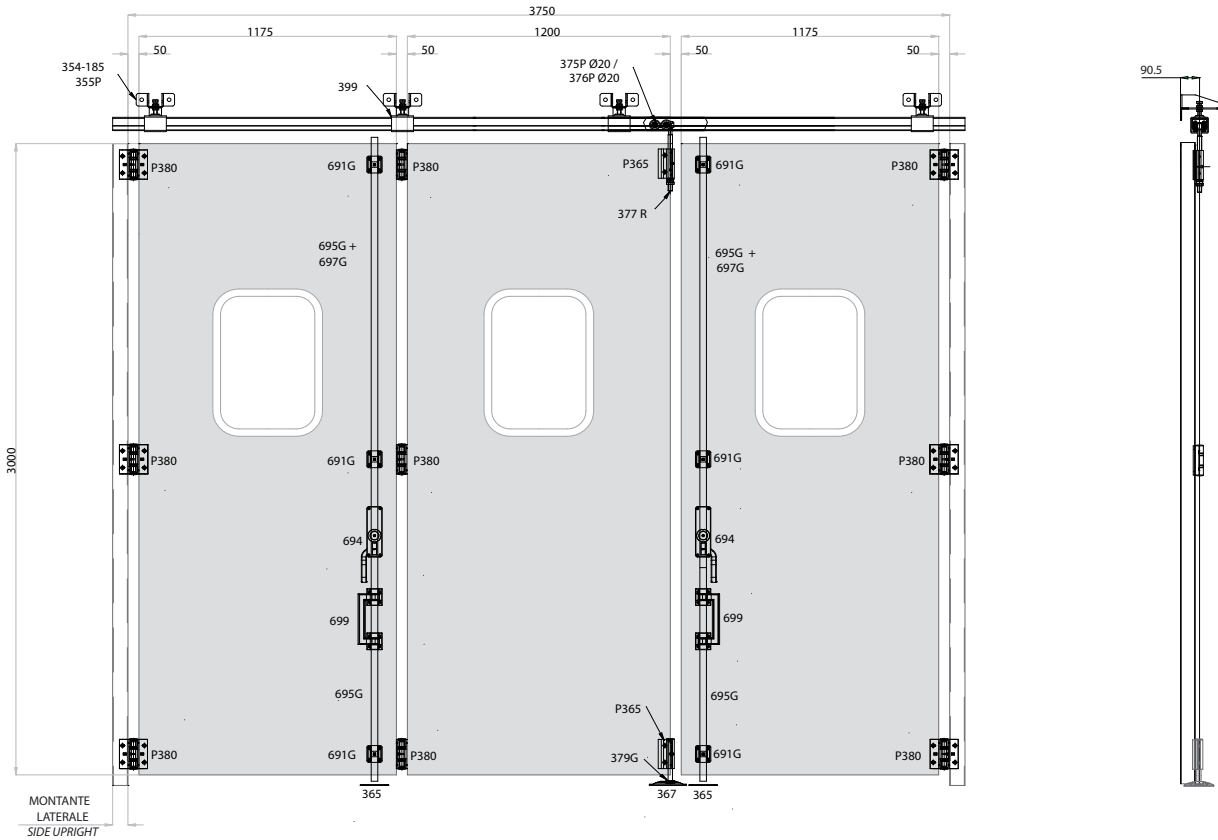
Industrial door systems

KIT

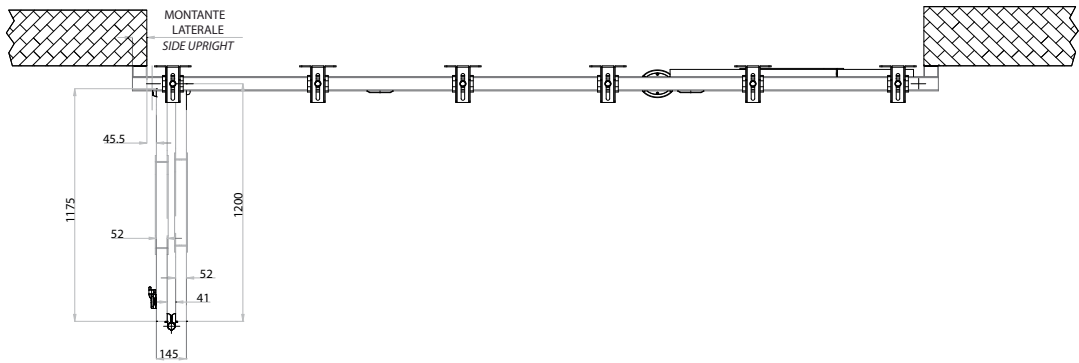
2+1 Ante impacchettamento laterale con carrello 4 ruote in acciaio
2+1 Folding side panels with steel 4 wheel trolley / 2+1 Vantaux ramassage latéral avec chariot à 4 galets en acier / 2+1 Flügel seitliche paket-lage-
rung mit vierrädrigem laufwerk aus stahl / 2+1 Hojas plegables con carro 4 ruedas de acero / 2+1 Створки с боковой заверткой с тележкой с
4 стальными колесами



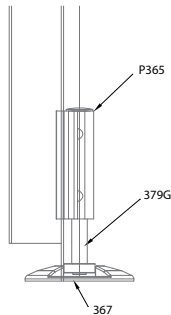
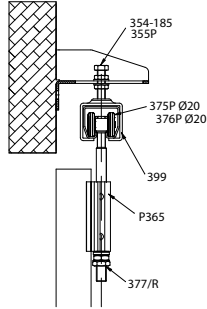
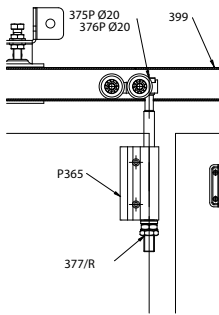
Schema con ante chiuse
Diagram with closed doors

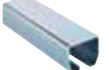


Schema con ante aperte/chiusa
Diagram with open/closed doors



Particolari tecnici
Technical details



	ART.	DESCRIPTION	Box info	PAG.
			Pcs per pack	
	399	Monorotaia superiore per carrelli 4 ruote piccola zincata 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	1 (6.0 m)	311
	354-185	Staffa regolabile a parete mm. 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	Supporto guida regolabile Adjustable guide support / Support guide réglable / Regulierbare führung / Soporte guía regulable / Опора регулируемой направляющей	4	300
	375 P20 / 376 P20	Carrello piccolo a 4 ruote in acciaio / nylon Small steel trolley with four wheels - nylon / Chariot petit a 4 galets en acier - nylon / Rollenapparat klein mit 4 stahlrollen - nylonrollen / Carro pequeno con 4 ruedas de acero - nylon / Маленькая тележка с 4 нейлоновыми/стальными колесами	1	307
	694 MC	Cariglione star grande Large star lever bolt / Cremona star grande / Treibriegel star gross / Falleba star grande / Большой болтовой рычаг star	1 DX + 1 SX	321
	699	Maniglione di trascinamento in nylon con passanti Nylon pull handle with guides / Poignée 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	Asta di chiusura tubolare 30x10 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	Passante per aste 30x10 Rod guide 30x10 / Traversant pour tringles 30x10 / Lasche für stangen 30x10 / Puente para varillas 30x10 / Сквозная направляющая для стержней 30x10	6	319
	365	Incontro per aste Floor strike plate for rods / Butoir pour tringles / Aufaufschuh für stangen / Encuentro para varillas / Упор для стержней	2	303
	367	Incontro a pavimento in nylon nero, con rinforzo in acciaio Black nylon floor strike plate, with steel reinforcement / Butoir au sol en nylon noir, avec renfort en acier / Bodenaufaufschuh 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	Cerniera doppia in alluminio pressofuso con battute Die-cast aluminium double hinge with steps / Paumelle double en aluminium moulée avec butees / Doppelscharnier aus alu-druckguss flach, ohne bolzen / Pernio doble de aluminio fundido a presión con topes / Глоский двойной шарнир из литого алюминия с упорами	9	331
	P365	Cerniera singola in alluminio pressofuso con battuta disassata Die-cast aluminium hinge with off-centre step / Paumelle simple en aluminium moulée avec butee desaxee / Einzelscharnier gross aus aluminium mit stütze / Pernio de aluminio fundido a presión con tope descen-trado / Одинарный шарнир из литого алюминия с упором, смещенный	2	329
	377 R	Perno superiore ribassato Lowered upper pin / Pivot supérieur surbaisse / Oberer bolzen herabgesenkt / Perno superior rebajado / Верхний штырь пониженный	1	308
	379 G 135	Perno inferiore regolabile con cuscinetto 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	Tappo ammortizzatore ante Door leaf suppperper / Embout d'amortissage vantaux / Stossdämpfer für türe / Amortiguador hojas / Амортизирующая пробка створки	1	295



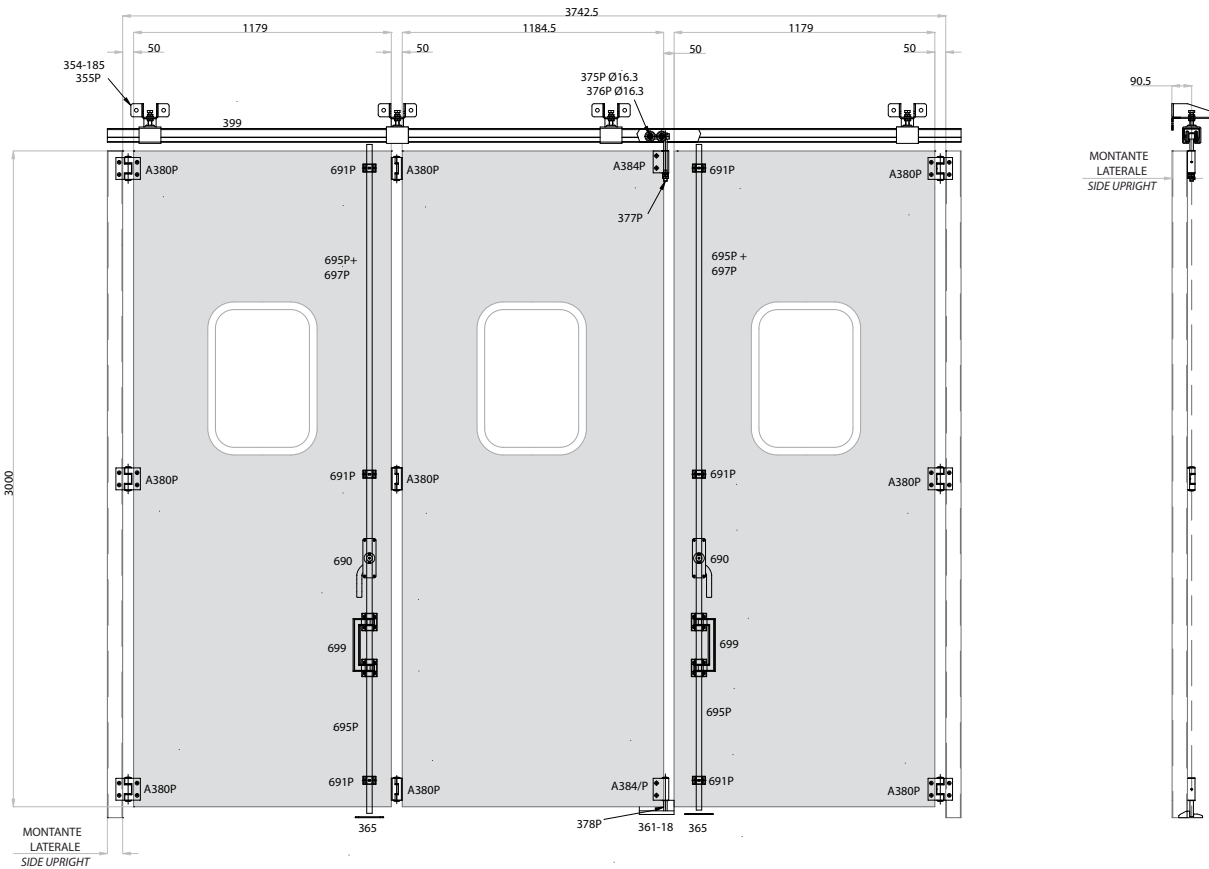
Portoni industriali
Industrial door systems

KIT

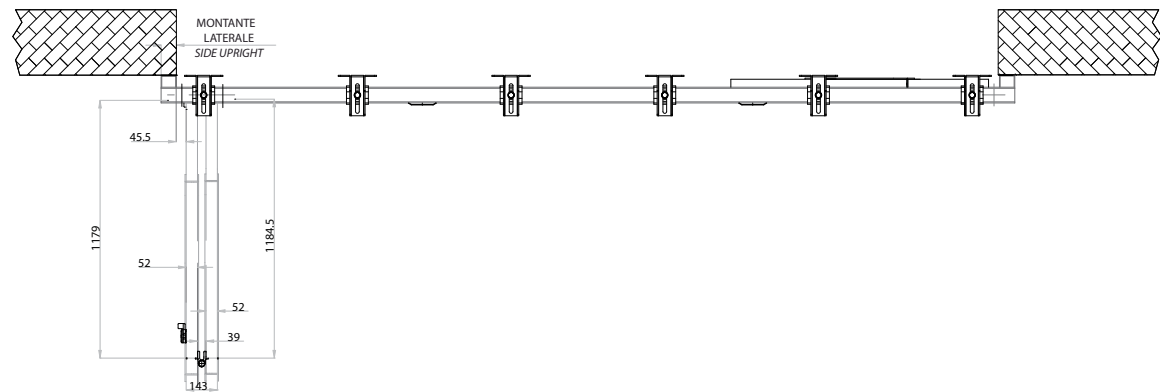
2+1 Ante impacchettamento laterale con cerniere piccole
2+1 Side folding panels with small hinges / 2+1 Vantaux ramassage latéral avec paumelles petites / 2+1 Flügel seitliche paket-lagerung mit rollenap-
parat mit kleinen bändern / 2+1 Hojas plegables con pernios pequeños / 2+1 Створки с боковой заверткой с малыми шарнирами



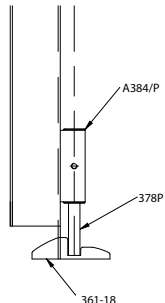
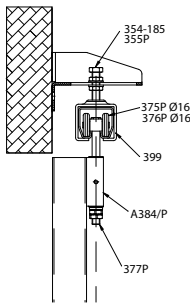
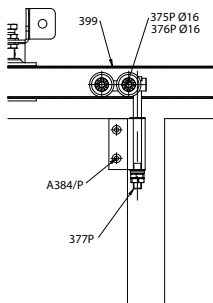
Schema con ante chiuse
Diagram with closed doors

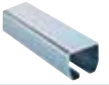


Schema con ante aperte/chiusa
Diagram with open/closed doors



Particolari tecnici
Technical details



	ART.	DESCRIPTION	Box info	PAG.
			Pcs per pack	
	399	Monorotaia superiore per carrelli 4 ruote piccola zincata Small galvanized upper guide for trolleys with four wheels / Rail supérieur pour chariots 4 galets petits zingués / Obere laufschiene für rollenapparate mit 4 rollen klein verzinkt / Monocamli superior pequeño galvanizado para carros con 4 ruedas / Верхний монорельс для тележек с 4 колесами малый оцинкованный	1 (6.0 m)	311
	354-185	Staffa regolabile a parete mm. 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	Supporto guida regolabile Adjustable guide support / Support guide réglable / Regulierbare führung / Soporte guía regulable / Опора регулируемой направляющей	4	300
	375 P16 / 376 P16	Carrello piccolo a 4 ruote in acciaio / nylon 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	Cariglione star piccolo Small star lever bolt / Cremona star petite / Treibriegel star klein / Falleba star pequeña / Малый болтовой рычаг star	1 DX + 1 SX	318
	699	Maniglione di trascinamento in nylon con passanti 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	Asta di chiusura tubolare 25x10 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	Passante per aste 30x10 Rod guide 30x10 / Traversant pour tringles 30x10 / Lasche für stangen 30x10 / Puente para varillas 30x10 / Сквозная направляющая для стержней 30x10	6	319
	365	Incontro per aste Floor strike plate for rods / Butoir pour tringles / Aufaufschuh für stangen / Encuentro para varillas / Упор для стержней	2	303
	361 P	Incontro a pavimento in alluminio Aluminium floor strike plate / Butoir au sol en aluminium / Bodenaufaufschuh aus aluminium / Encuentro de aluminio para el suelo / Алюминиевый напольный упор	1	302
	A380 P	Ceniera doppia piccola in alluminio con battute 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	Cerniera singola piccola in alluminio piana 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	Perno superiore per carrelli Upper pin for trolleys / Pivo supérieur pour chariots / Oberer bolzen für rollenapparate / Perno superior para carros / Верхний штырь для тележек	1	307
	378 P	Perno inferiore regolabile Adjustable lower pin / Pivo inférieur réglable / Unterer bolzen Regulierbar / Perno inferior regulable / Нижний регулируемый штифт	1	305



Portoni industriali

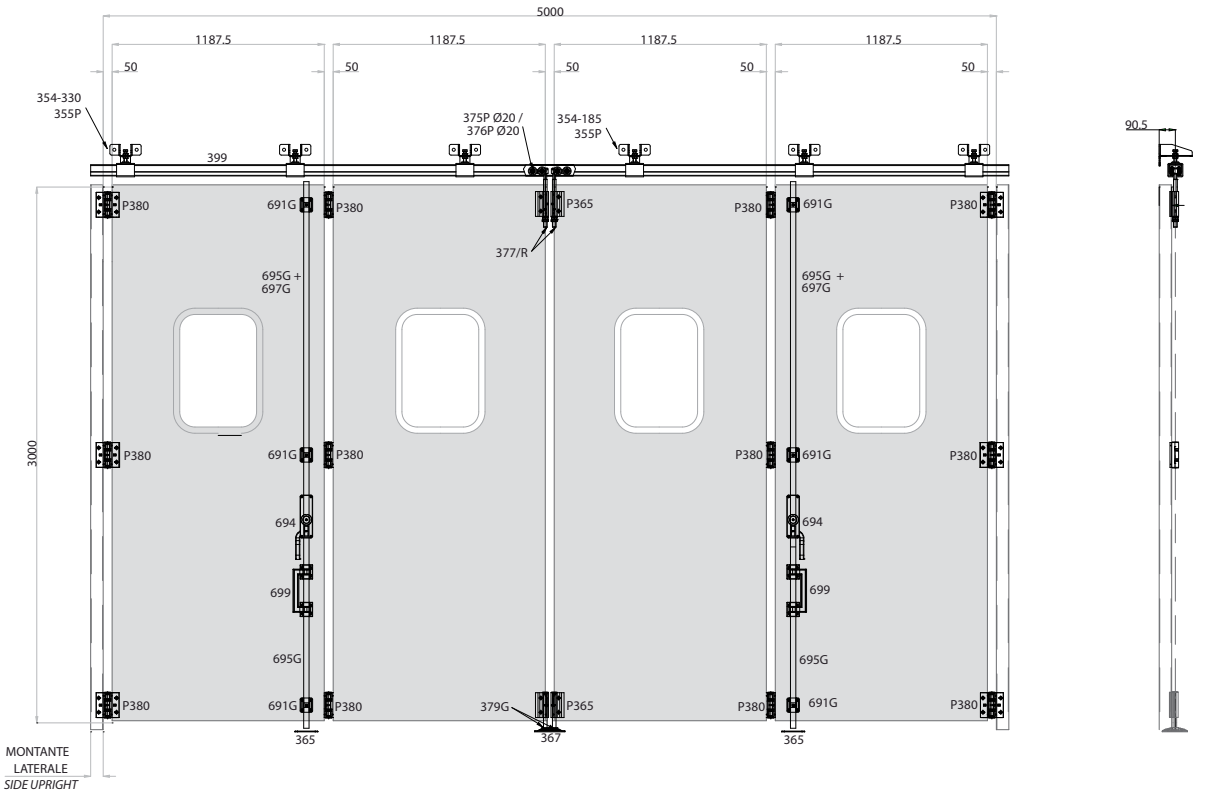
Industrial door systems

KIT

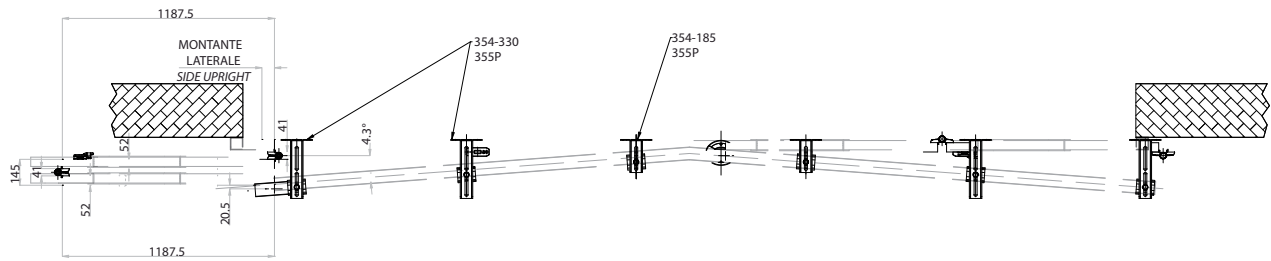
2+2 Ante impacchettamento 180° con carrello 4 ruote
2+2 180° Folding panels with 4 wheel trolley / 2+2 Vantaux ramassage 180° avec chariot à 4 galets / 2+2 Flügel 180° paket-lagerung mit vierädri-
gem rollenapparat / 2+2 Hojas plegables 180° con carro 4 ruedas / 2+2 Створки с заверткой 180° с тележкой 4 колеса



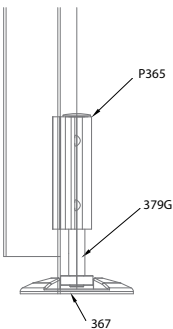
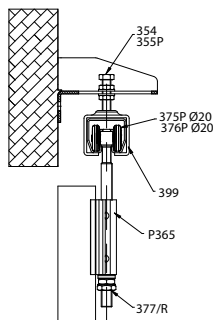
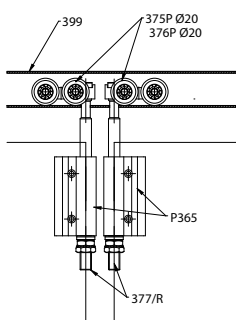
Schema con ante chiuse
Diagram with closed doors

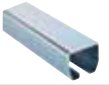


Schema con ante aperte/chiusa
Diagram with open/closed doors



Particolari tecnici
Technical details



	ART.	DESCRIPTION	Box info	PAG.
			Pcs per pack	
	399	Monorotaia superiore per carrelli 4 ruote piccola zincata 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 / Monocami superior pequeño galvanizado para carros con 4 ruedas / Верхний монорельс для тележек с 4 колесами малый оцинкованный	1 (6.0 m)	311
	354-185	Staffa regolabile a parete mm. 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	Staffa regolabile a parete mm. 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	Supporto guida regolabile Adjustable guide support / Support guide réglable / Regulierbare führung / Soporte guía regulable / Опора регулируемой направляющей	6	300
	375 P20 / 376 P20	Carrello piccolo a 4 ruote in acciaio / nylon 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	Cariglione star grande Large star lever bolt / Crémone star grande / Treibriegel star gross / Falleba star grande / Большой болтовой рычаг star	1 DX + 1 SX	321
	699	Maniglione di trascinamento in nylon con passanti 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	Asta di chiusura tubolare 30x10 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	Passante per aste 30x10 Rod guide 30x10 / Traversant pour tringles 30x10 / Lasche für stangen 30x10 / Puente para varillas 30x10 / Сквозная направляющая для стержней 30x10	6	319
	365	Incontro per aste Floor strike plate for rods / Butoir pour tringles / Aufaufschuh für stangen / Encuentro para varillas / Упор для стержней	2	303
	367	Incontro a pavimento in nylon nero, con rinforzo in acciaio Black nylon floor strike plate, with steel reinforcement / Butoir au sol en nylon noir, avec renfort en acier / Bodenaufaufschuh 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	Cerniera doppia in alluminio pressofuso con battute Die-cast aluminium double hinge with steps / Paumelle double en aluminium moulée avec butées / 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	Cerniera singola in alluminio pressofuso con battuta disassata Die-cast aluminium hinge with off-centre step / Paumelle simple en aluminium moulée avec butee desaxee / Einzel-scharnier gross aus aluminium mit stütze / Pernio de aluminio fundido a presión con tope descen-trado / Одинарный шарнир из литого алюминия с упором, смещенный	4	329
	377 R	Perno superiore ribassato Lowered upper pin / Pivot supérieur surbaisse / Oberer bolzen herabgesenkt / Perno superior rebajado / Верхний штырь пониженный	2	308
	379 G 135	Perno inferiore regolabile con cuscinetto 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	Tappo ammortizzatore ante Door leaf suppper / Embout d'amortissage vantaux / Stossdämpfer für türe / Amortiguador hojas / Амортизирующая пробка створки	2	295



Portoni industriali

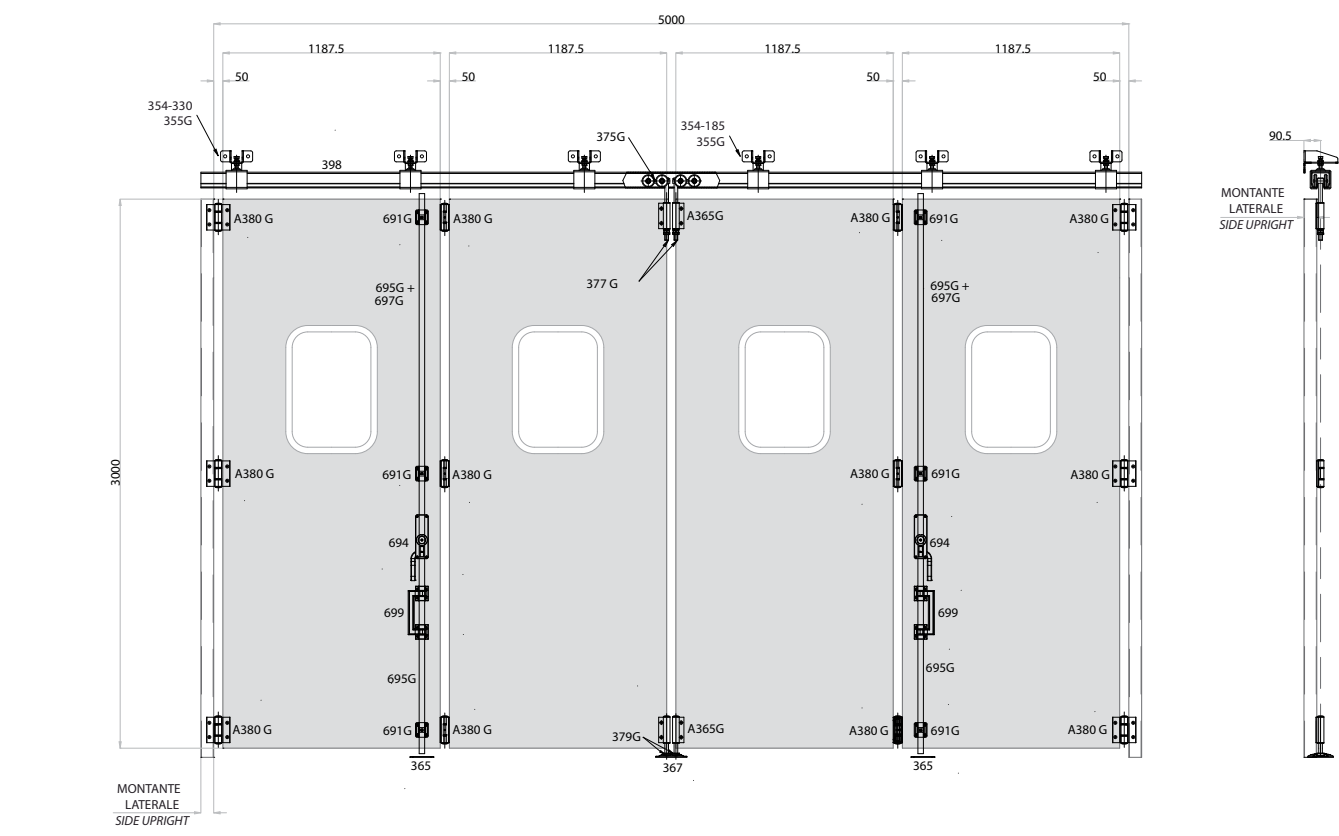
Industrial door systems

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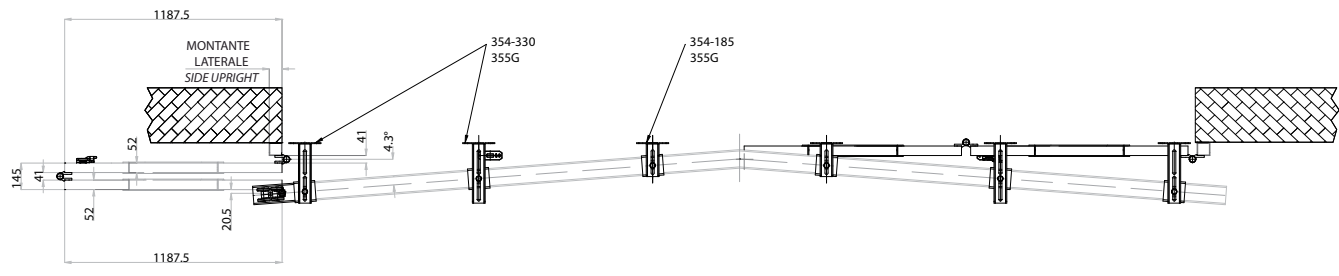
2+2 Ante impacchettamento 180° con carrello in acciaio pesante
2+2 180° Folding panels with heavy steel trolley / 2+2 Vantaux ramassage 180° avec chariot en acier lourd / 2+2 Flügel 180° paket-lagerung mit rollenapparat aus schwerem stahl / 2+2 Hojas plegables 180° con carro de acero pesado / 2+2 Створки с заверткой 180° с тяжелой тележкой из стали



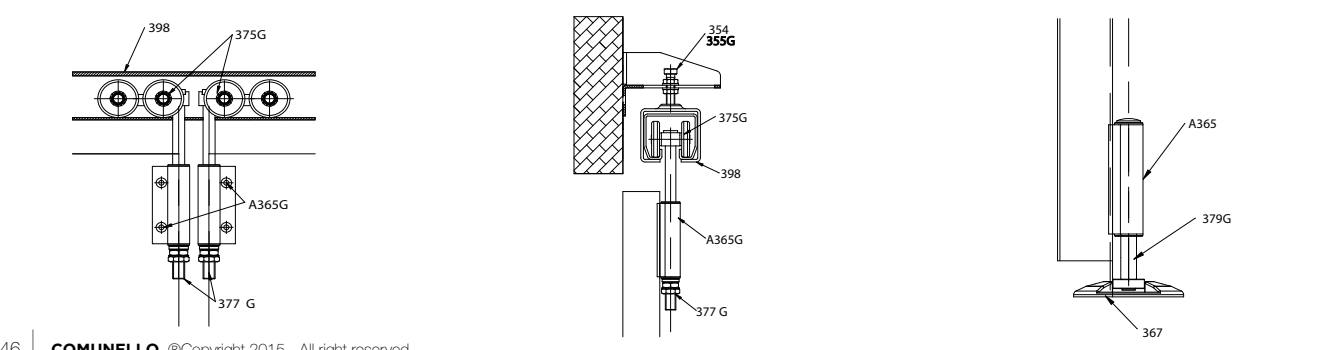
Schema con ante chiuse
Diagram with closed doors



Schema con ante aperte/chiusa
Diagram with open/closed doors



Particolari tecnici
Technical details



	ART.	DESCRIPTION	Box info	PAG.
			Pcs per pack	
	398	Monorotaia superiore per carrelli 4 ruote grande zincata Large galvanized upper guide for trolleys with four wheels / Rail supérieur pour chariots 4 galets grands zincués / Obere laufschiene für rollenapparate mit 4 rollen gross verzinkt / Monocami superior grande galvanizado para carros con 4 ruedas / Верхний монорельс для тележек с 4 колесами большой оцинкованный	1 (6.0 m)	311
	354-185	Staffa regolabile a parete mm. 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	Staffa regolabile a parete mm. 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	Supporto guida regolabile Adjustable guide support / Support guide réglable / Regulierbare führung / Soporte guía regulable / Опора регулируемой направляющей	6	300
	375 G	Carrello grande a 4 ruote in acciaio per perno da mm. 20 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	Cariglione star grande Large star lever bolt / Crémone star grande / Treibriegel star gross / Falleba star grande / Большой болтовой рычар star	1DX + 1SX	321
	699	Maniglione di trascinamento in nylon con passanti 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	Asta di chiusura tubolare 30x10 Closing tubular rod 30x10 / Tringle tubulaire de fermeture 30x10 / Rohverschlussstange 30x10 / Varilla de cierre tubular 30x10 / Закрывающий стержень трубчатый 30x10	2 (1.20 m) + 2 (3.0 m)	322
	691 G	Passante per aste 30x10 Rod guide 30x10 / Traversant pour tringles 30x10 / Lasche für stangen 30x10 / Puente para varillas 30x10 / Сквозная направляющая для стержней 30x10	6	319
	365	Incontro per aste Floor strike plate for rods / Butoir pour tringles / Aufaufschuh für stangen / Encuentro para varillas / Упор для стержней	2	303
	367	Incontro a pavimento in nylon nero, con rinforzo in acciaio 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	Cerniera doppia grande in alluminio con battute 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	Perno superiore per carrelli 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	Perno inferiore regolabile con cuscinetto 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	Tappo ammortizzatore ante Door leaf suppperper / Embout d'amortissage vantaux / Stossdämpfer für türe / Amortiguador hojas / Амортизирующая пробка створки	2	295



Portoni industriali

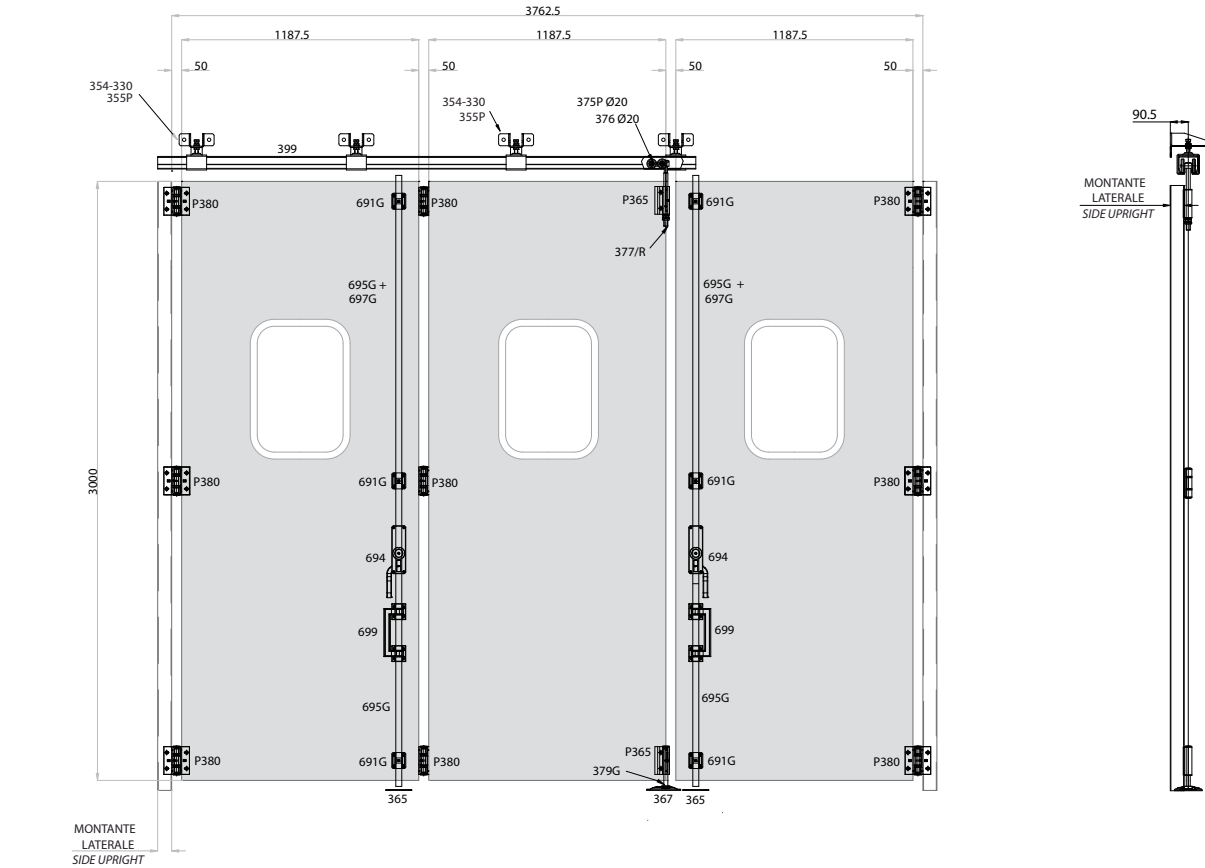
Industrial door systems

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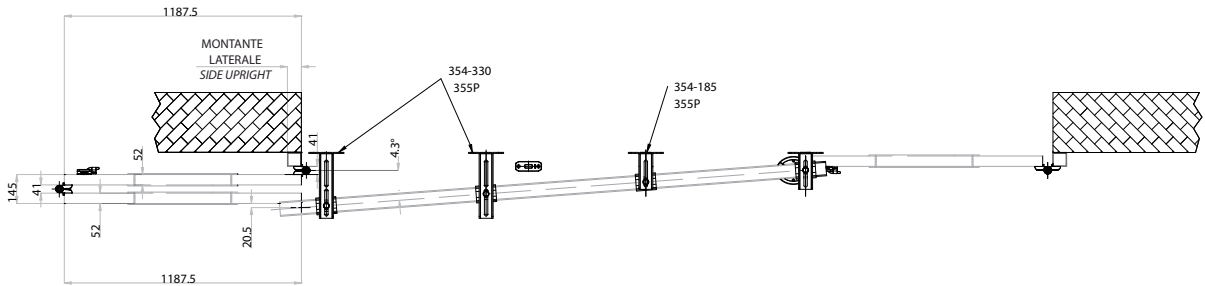
2+1 Ante impacchettamento 180° con carrello 4 ruote
2+1 180° Folding panels with 4 wheel trolley / 2+1 Vantaux ramassage 180° avec chariot à 4 galets / 2+1 Flügel 180° paket-lagerung mit vierädri-
gem rollenapparat / 2+1 Hojas plegables 180° con carro 4 ruedas / 2+1 Створки с заверткой 180° с тележкой 4 колеса

COMUNELLO
GATE DIVISION

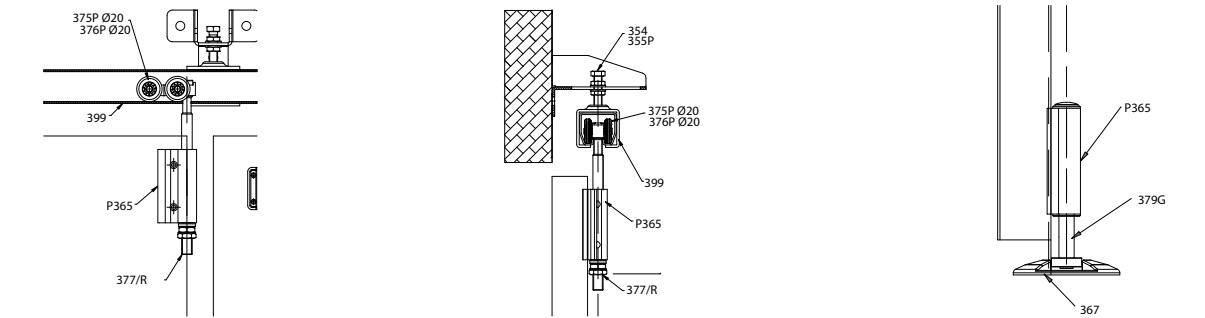
Schema con ante chiuse
Diagram with closed doors

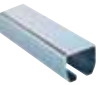


Schema con ante aperte/chiusa
Diagram with open/closed doors



Particolari tecnici
Technical details



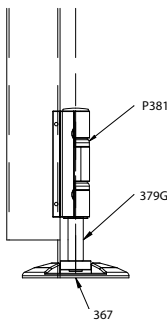
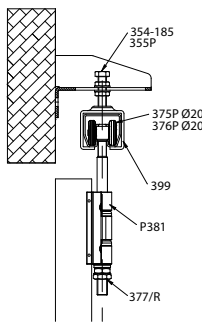
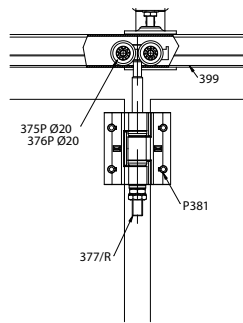
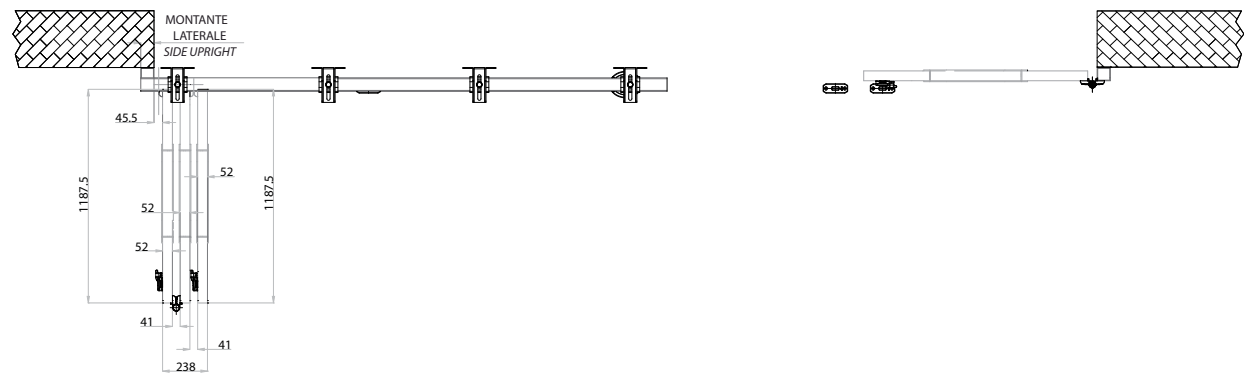
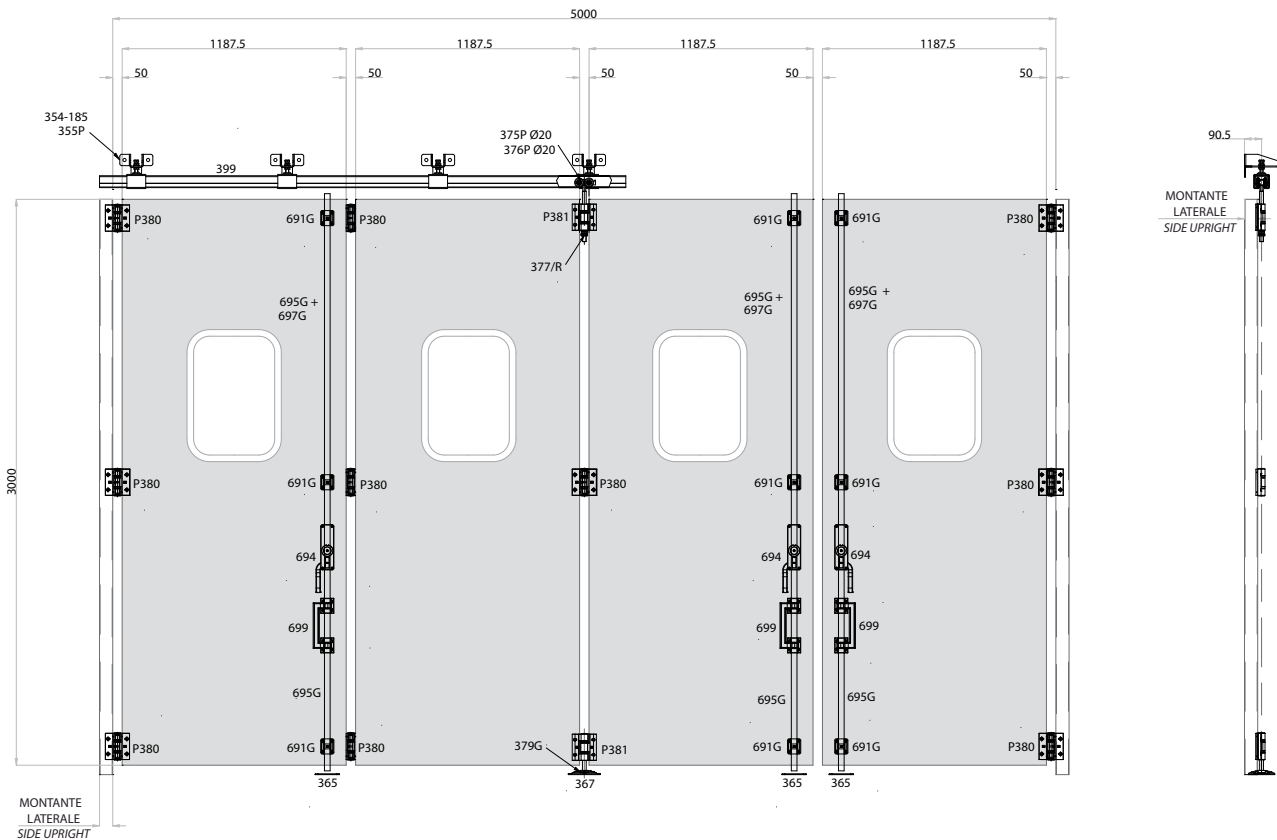
	ART.	DESCRIPTION	Box info	PAG.
			Pcs per pack	
	399	Monorotaia superiore per carrelli 4 ruote piccola zincata Small galvanized upper guide for trolleys with four wheels / Rail supérieur pour chariots 4 galets petits zingues / Obere laufschiene für rollenapparate mit 4 rollen klein verzinkt / Monocarril superior pequeño galvanizado para carros con 4 ruedas / Верхний монорельс для тележек с 4 колесами малый оцинкованный	1 (3.0 m)	311
	354-185	Staffa regolabile a parete mm. 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	Staffa regolabile a parete mm. 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	Supporto guida regolabile Adjustable guide support / Support guide réglable / Regulierbare führung / Soporte guía regulable / Опора регулируемой направляющей	4	300
	375 P20 / 376 P20	Carrello piccolo a 4 ruote in acciaio / nylon 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	Cariglione star grande Large star lever bolt / Cremona star grande / Treibriegel star gross / Falleba star grande / Большой болтовой рычаг star	1DX + 1SX	321
	699	Maniglione di trascinamento in nylon con passanti Nylon pull handle with guides / Poignée 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	Asta di chiusura tubolare 30x10 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	Passante per aste 30x10 Rod guide 30x10 / Traversant pour tringles 30x10 / Lasche für stangen 30x10 / Puente para varillas 30x10 / Сквозная направляющая для стержней 30x10	6	319
	365	Incontro per aste Floor strike plate for rods / Butoir pour tringles / Aufaufschuh für stangen / Encuentro para varillas / Упор для стержней	2	303
	367	Incontro a pavimento in nylon nero, con rinforzo in acciaio Black nylon floor strike plate, with steel reinforcement / Butoir au sol en nylon noir, avec renfort en acier / Bodenaufaufschuh 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	Cerniera doppia in alluminio pressofuso con battute 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	Cerniera singola in alluminio pressofuso con battuta disassata 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 descen-trado / Одинарный шарнир из литого алюминия с упором, смещенный	2	329
	377 R	Perno superiore ribassato Lowered upper pin / Pivot supérieur surbaisse / Oberer bolzen herabgesenkt / Perno superior rebajado / Верхний штырь пониженный	1	308
	379 G 135	Perno inferiore regolabile con cuscinetto 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	Tappo ammortizzatore ante Door leaf suppper / Embout d'amortissage vantaux / Stossdämpfer für türe / Amortiguador hojas / Амортизирующая пробка створки	1	295



Portoni industriali
Industrial door systems

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3 +1 Ante impacchettamento laterale con carrello 4 ruote
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



	ART.	DESCRIPTION	Box info	PAG.
			Pcs per pack	
	399	Monorotaia superiore per carrelli 4 ruote piccola zincata 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 / Monocamli superior pequeño galvanizado para carros con 4 ruedas / Верхний монорельс для тележек с 4 колесами малый оцинкованный	1 (3.0 m)	311
	354-185	Staffa regolabile a parete mm. 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	Supporto guida regolabile Adjustable guide support / Support guide réglable / Regulierbare führung / Soporte guía regulable / Опора регулируемой направляющей	4	300
	375 P20 / 376 P20	Carrello piccolo a 4 ruote in acciaio / nylon 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	Cariglione star grande Large star lever bolt / Cremona star grande / Treibriegel star gross / Falleba star grande / Большой болтовой рычаг star	1 DX + 1 SX	321
	699	Maniglione di trascinamento in nylon con passanti Nylon pull handle with guides / Poignée 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	Asta di chiusura tubolare 30x10 Closing tubular rod 30x10 / Tringle tubulaire de fermeture 30x10 / Rohrschlossstange 30x10 / Varilla de cierre tubular 30x10 / Закрывающий стержень трубчатый 30x10	3 (1.20 m) + 3 (3.0 m)	322
	691 G	Passante per aste 30x10 Rod guide 30x10 / Traversant pour tringles 30x10 / Lasche für stangen 30x10 / Puente para varillas 30x10 / Сквозная направляющая для стержней 30x10	9	319
	365	Incontro per aste Floor strike plate for rods / Butoir pour tringles / Aufaufschuh für stangen / Encuentro para varillas / Упор для стержней	3	303
	367	Incontro a pavimento in nylon nero, con rinforzo in acciaio 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	Cerniera doppia in alluminio pressofuso con battute Die-cast aluminium double hinge with steps / Paumelle double en aluminium moulée avec butées / 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	Cerniera doppia in alluminio pressofuso con battute, senza perno Die-cast aluminium double hinge, without pin / Paumelle double en aluminium moulée avec butées, 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	Perno superiore ribassato Lowered upper pin / Pivot supérieur surbaisse / Oberer bolzen herabgesenkt / Perno superior rebajado / Верхний штырь пониженный	1	308
	379 G 135	Perno inferiore regolabile con cuscinetto 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	Tappo ammortizzatore ante Door leaf suppperper / Embout d'amortissage vantaux / Stossdämpfer für türe / Amortiguador hojas / Амортизирующая пробка створки	2	295

Schema con ante chiuse
Diagram with closed doors

Schema con ante aperte/chiusa
Diagram with open/closed doors

Particolari tecnici
Technical details



Portoni industriali

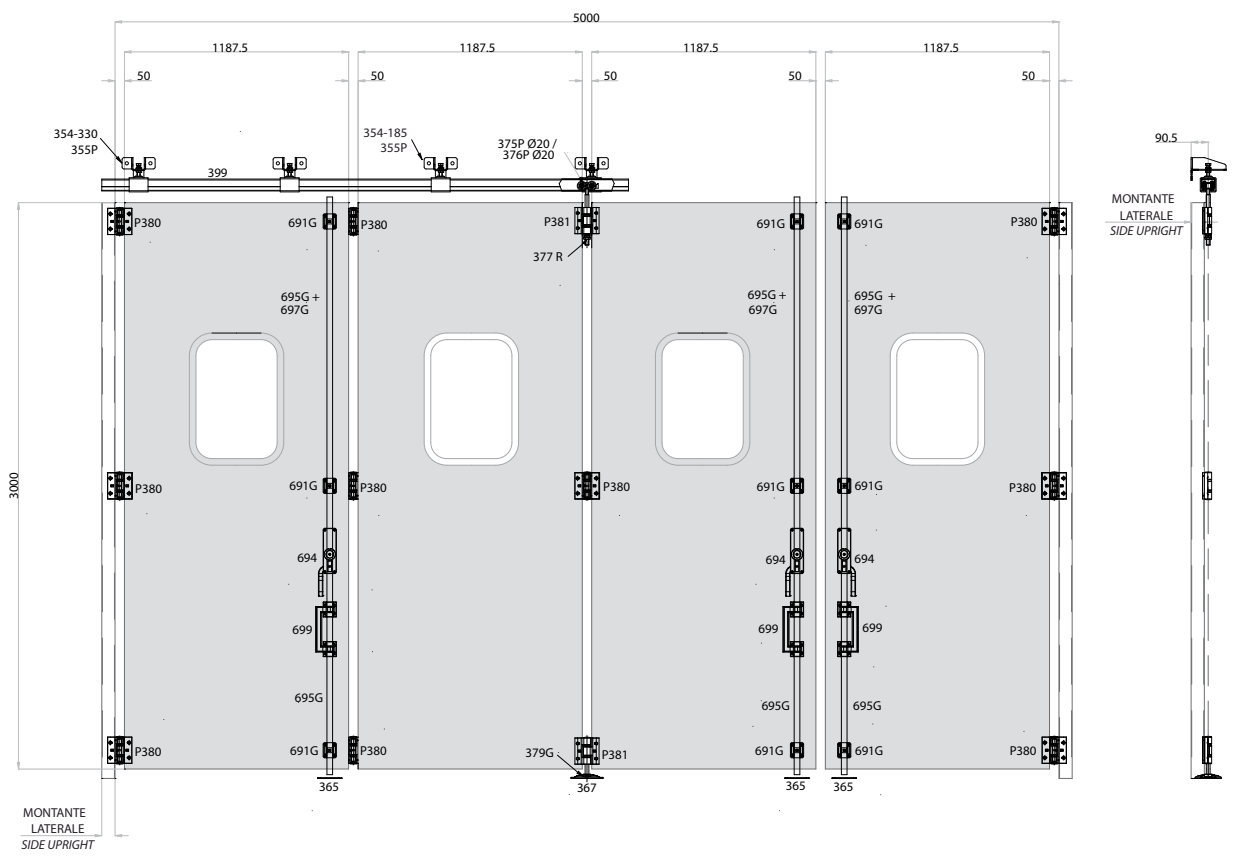
Industrial door systems

KIT

3+1 Ante impacchettamento 180° con carrello 4 ruote
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 заверткой 180° с тележкой 4 колеса



Schema con ante chiuse
Diagram with closed doors





Portoni industriali

Industrial door systems

KIT

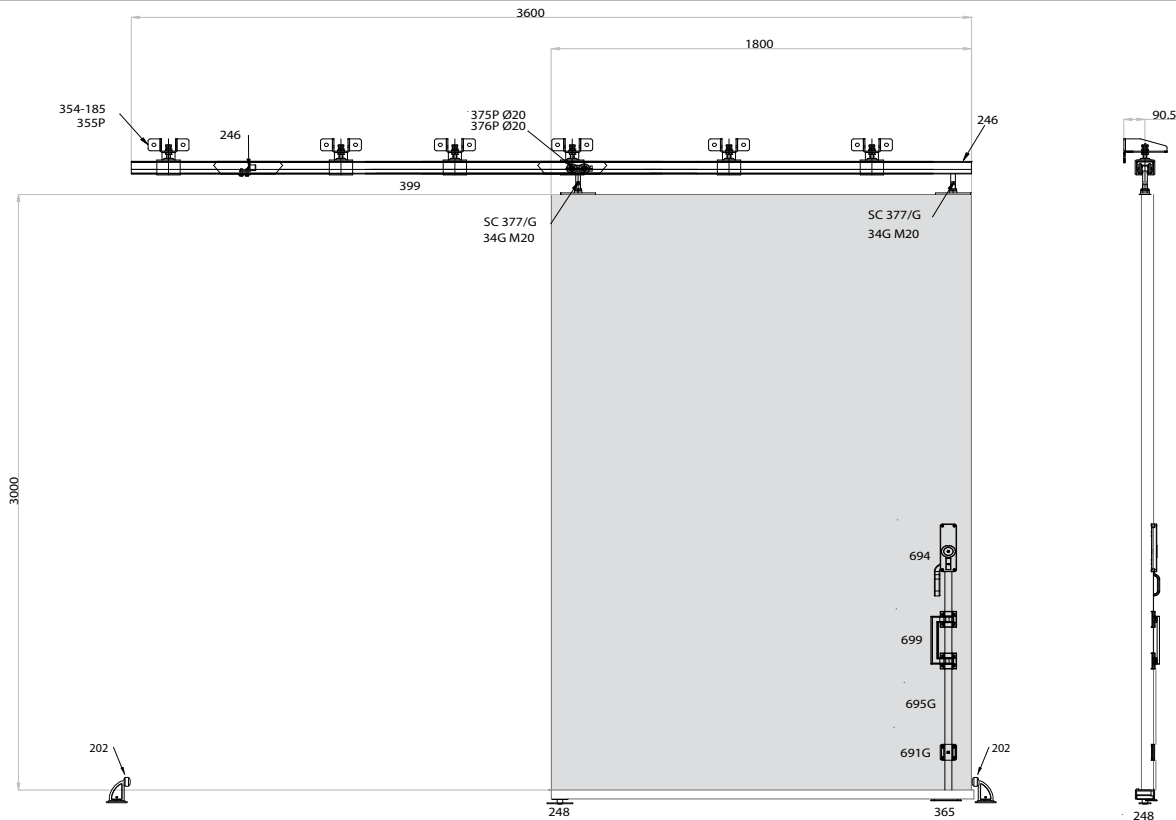
1 Anta scorrevole

1 Sliding panel / 1 Vantail coulissant / 1 Schiebe-flügel / 1 Hoja de corredera / 1 раздвижная створка



Schema con ante chiuse

Diagram with closed doors



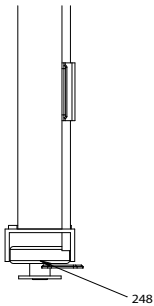
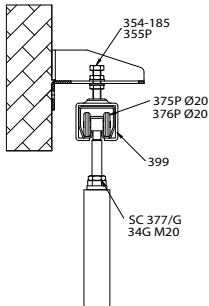
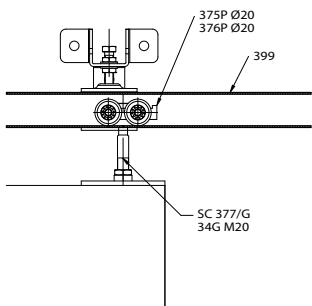
Schema con ante aperte/chiusa

Diagram with open/closed doors



Particolari tecnici

Technical details



	ART.	DESCRIPTION	Box info	PAG.
			Pcs per pack	
	399	Monorotaia superiore per carrelli 4 ruote piccola zincata Small galvanized upper guide for trolleys with four wheels / Rail supérieur pour chariots 4 galets petits zingues / Obere lauschiene für rollenapparate mit 4 rollen klein verzinkt / Monocaril superior pequeño galvanizado para carros con 4 ruedas / Верхний монорельс для тележек с 4 колесами малый оцинкованный	1 (6.0 m)	311
	354-185	Staffa regolabile a parete mm. 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	Supporto guida regolabile Adjustable guide support / Support guide réglable / Regulierbare führung / Soporte guía regulable / Опора регулируемой направляющей	6	300
	375 P20 / 376 P20	Carrello piccolo a 4 ruote in acciaio / nylon 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	Cariglione star grande Large star lever bolt / Cremona star grande / Treibriegel star gross / Falleba star grande / Большой болтовой рычаг star	1 SX	321
	699	Maniglione di trascinamento in nylon con passanti 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	Asta di chiusura tubolare 30x10 Closing tubular rod 30x10 / Tringle tubulaire de fermeture 30x10 / Rohrschlussstange 30x10 / Varilla de cierre tubular 30x10 / Закрывающий стержень трубчатый 30x10	1 (1.20 m)	322
	691 G	Passante per aste 30x10 Rod guide 30x10 / Traversant pour tringles 30x10 / Lasche für stangen 30x10 / Puente para varillas 30x10 / Сквозная направляющая для стержней 30x10	1	319
	365	Incontro per aste Floor strike plate for rods / Butoir pour tringles / Auflaufschuh für stangen / Encuentro para varillas / Упор для стержней	1	303
	34 G	Piastra girevole con cuscinetto per carrelli 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	Perno superiore per scorrevoli zincato 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	Guida per portoni scorrevoli Guide for sliding doors / Guide pour portails coulissants / Führung für schiebetüren / Guía para portones de corredera / Направляющая для раздвижных дверей	1	296
	246	Battente finecorsa per monorotaie art. 398/399 End-supper for guides art. 398/399 / Butee de fin de course pour rails art. 398/399 / Letzter türflügel für lauschiene art. 398/399 / Tope para monocaril art. 398/399 / Стопор конца хода для монорельсов art. 398/399	2	295
	202	Arresto di fine corsa con base a fissare 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



Portoni industriali

Industrial door systems

KIT

2 Ante scorrevoli
2 Sliding panels / 2 Vantaux coulissants / 2 Schiebe-flügel / 2 Hojas de corredera / 2 раздвижные створки

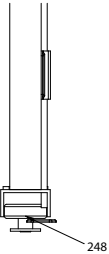
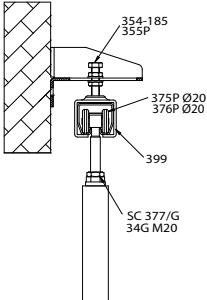
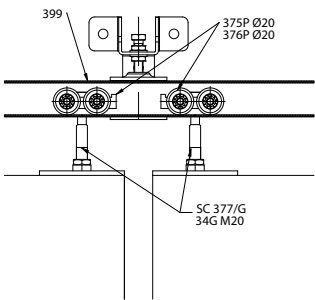
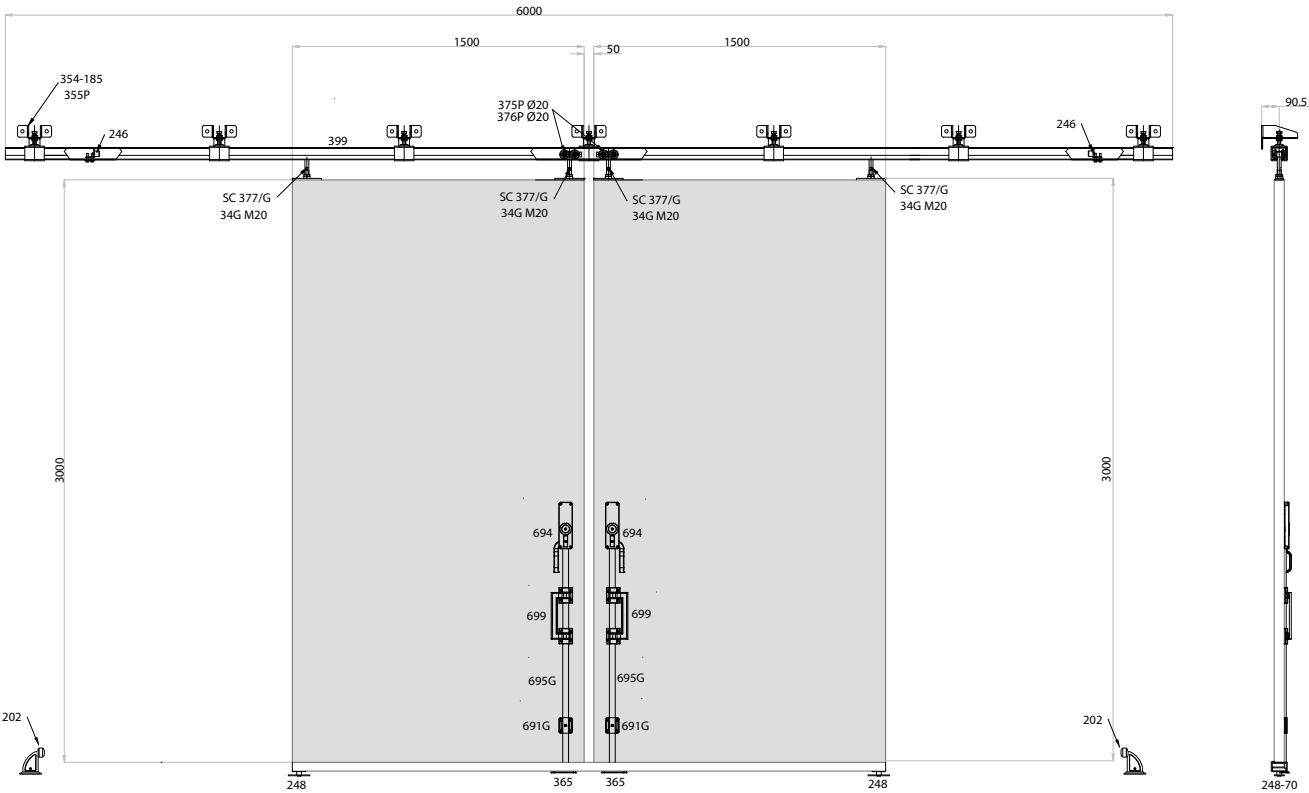
COMUNELLO

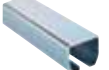
GATE DIVISION

Schema con ante chiuse
Diagram with closed doors

Schema con ante aperte/chiusa
Diagram with open/closed doors

Particolari tecnici
Technical details



	ART.	DESCRIPTION	Box info	PAG.
			Pcs per pack	
	399	Monorotaia superiore per carrelli 4 ruote piccola zincata Small galvanized upper guide for trolleys with four wheels / Rail supérieur pour chariots 4 galets petits zingues / Obere lauschiene für rollenapparate mit 4 rollen klein verzinkt / Monocamli superior pequeño galvanizado para carros con 4 ruedas / Верхний монорельс для тележек с 4 колесами малый оцинкованный	1 (6.0 m)	311
	354-185	Staffa regolabile a parete mm. 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	Supporto guida regolabile Adjustable guide support / Support guide réglable / Regulierbare führung / Soporte guía regulable / Опора регулируемой направляющей	7	300
	375 P20 / 376 P20	Carrello piccolo a 4 ruote in acciaio / nylon 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	Cariglione star grande Large star lever bolt / Cremona star grande / Treibriegel star gross / Falleba star grande / Большой болтовой рычаг star	1 DX + 1 SX	321
	699	Maniglione di trascinamento in nylon con passanti 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	Asta di chiusura tubolare 30x10 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	Passante per aste 30x10 Rod guide 30x10 / Traversant pour tringles 30x10 / Lasche für stangen 30x10 / Puente para varillas 30x10 / Сквозная направляющая для стержней 30x10	2	319
	365	Incontro per aste Floor strike plate for rods / Butoir pour tringles / Aufaufschuh für stangen / Encuentro para varillas / Упор для стержней	2	303
	34 G	Piastra girevole con cuscinetto per carrelli 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	Perno superiore per scorrevoli zincato 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	4	308
	248	Guida per portoni scorrevoli Guide for sliding doors / Guide pour portails coulissants / Führung für schiebetüren / Guía para portones de corredera / Направляющая для раздвижных дверей	2	296
	246	Battente finecorsa per monorotaie art. 398/399 End-supper for guides art. 398/399 / Butee de fin de course pour rails art. 398/399 / Letzter türflügel für lauschiene art. 398/399 / Tope para monocamli art. 398/399 / Стопор конца хода для монорельсов art. 398/399	2	295
	202	Arresto di fine corsa con base a fissare 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



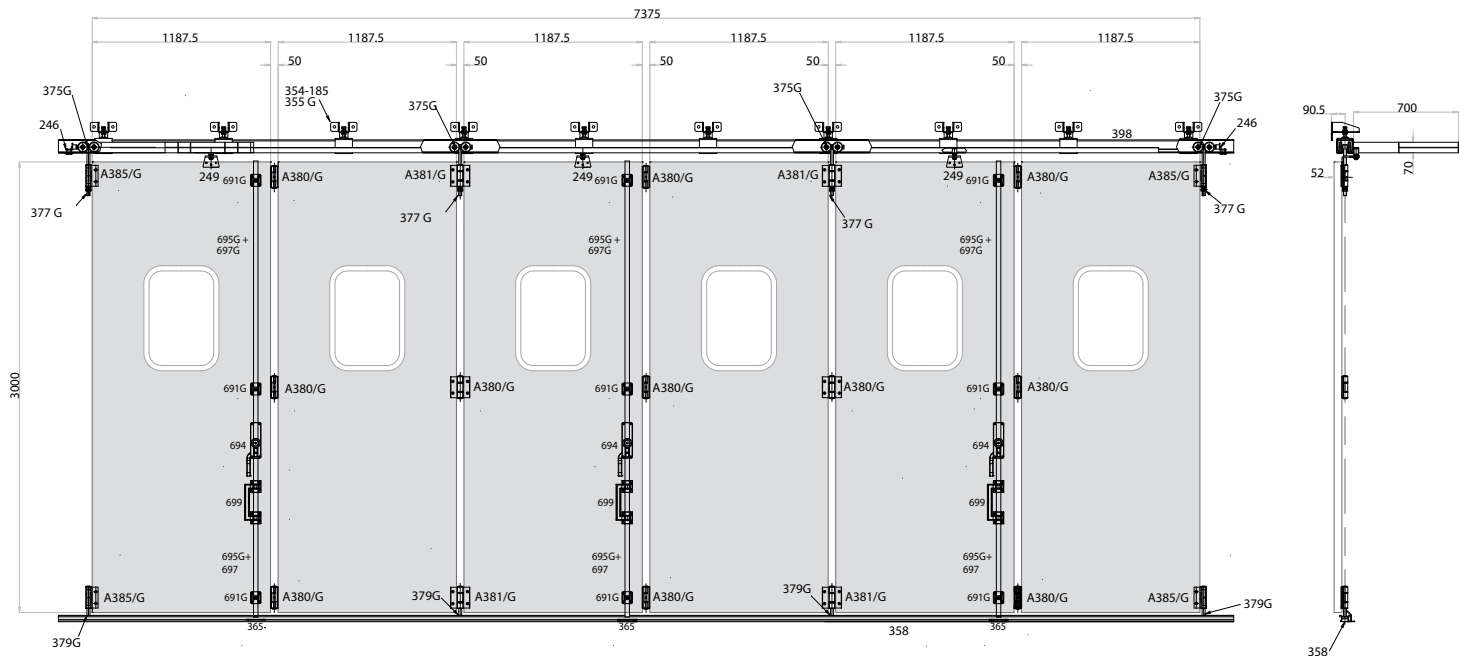
Portoni industriali
Industrial door systems

KIT

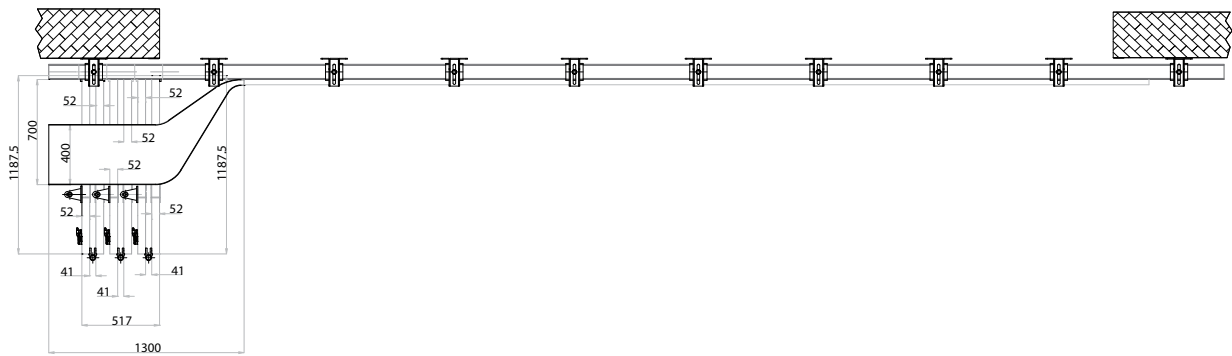
6 Ante oltreluce con carrello in acciaio pesante
6 Panels - more than space with heavy steel trolley / 6 Vantaux hors de l'ouverture avec chariot en acier lourd / 6 Flügel über die lichte breite mit rollenapparat aus schwerem stahl / 6 Hojas fuera del vano con carro de acero pesado / 6 Створок больше проема с тяжелой тележкой из стали



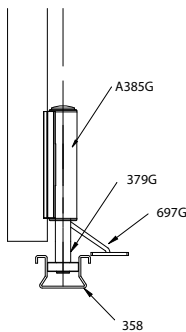
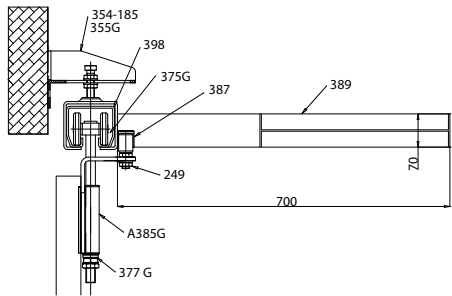
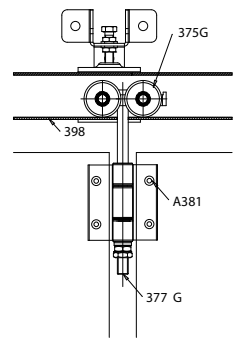
Schema con ante chiuse
Diagram with closed doors



Schema con ante aperte/chiusa
Diagram with open/closed doors



Particolari tecnici
Technical details



	ART.	DESCRIPTION	Box info	PAG.
			Pcs per pack	
	398	Monorotaia superiore per carrelli 4 ruote grande zincata Large galvanized upper guide for trolleys with four wheels / Rail supérieur pour chariots 4 galets grands zincés / Obere laufschiene für rollenapparate mit 4 rollen gross verzinkt / Monocami superior grande galvanizada para carros con 4 ruedas / Верхний монорейль для тележек с 4 колесами большой оцинкованный	2 (6,0 m)	311
	354-185	Staffa regolabile a parete mm. 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	Supporto guida regolabile Adjustable guide support / Support guide réglable / Regulierbare führung / Soporte guía regulable / Опора регулируемой направляющей	10	300
	375 G	Carrello grande a 4 ruote in acciaio per perno da mm. 20 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	Cariglione star grande Large star lever bolt / Cremona star grande / Treibriegel star gross / Falleba star grande / Большой болтовой рычаг star	3 SX	321
	699	Maniglione di trascinamento in nylon con passanti 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	Asta di chiusura tubolare 30x10 Closing tubular rod 30x10 / Tringle tubulaire de fermeture 30x10 / Rohrschlosssstange 30x10 / Varilla de cierre tubular 30x10 / Закрывающий стержень трубчатый 30x10	3 (1.20 m) + 3 (3.0 m)	322
	691 G	Passante per aste 30x10 Rod guide 30x10 / Traversant pour tringles 30x10 / Lasche für stangen 30x10 / Puente para varillas 30x10 / Сквозная направляющая для стержней 30x10	9	319
	365	Incontro per aste Floor strike plate for rods / Butoir pour tringles / Aufaufschuh für stangen / Encuentro para varillas / Упор для стержней	3	303
	A380 G	Cerniera doppia grande in alluminio con battute Large aluminium double hinge with steps / Paumelle double grande en aluminium avec butees / 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	Cerniera doppia grande in alluminio con battute, senza perno Large aluminium double hinge with steps, without pin / Paumelle double grande en aluminium avec butees, 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	Perno superiore per carrelli 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	Perno inferiore regolabile con cuscinetto 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	Guida inferiore a cementare da mt. 6,00 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	Profilo ad "u" per deviatori ad impacco laterale "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	Deviatore regolabile per impacchettamento laterale 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 заправки	3	296
	246	Battente finecorsa per monorotaie art. 398/399 End-supper for guides art. 398/399 / Butee de fin de course pour rails art. 398/399 / Letzter türlügel für laufschiene art. 398/399 / Tope para monocami art. 398/399 / Стопор конца хода для монорейльсов art. 398/399	2	295
	239	Tappo ammortizzatore ante Door leaf suppper / Embout d'amortissage vantaux / Stossdämpfer für türe / Amortiguador hojas / Амортизирующая пробка створки	5	295



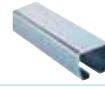
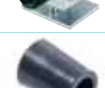
Portoni industriali
Industrial door systems



4 Ante oltreluce con carrello 4 ruote
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

COMUNELLO
GATE DIVISION



	ART.	DESCRIPTION	Box info Pos per pack	PAG.
	399	Monorotaia superiore per carrelli 4 ruote piccola zincata 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 / Monocaril superior pequeño galvanizado para carros con 4 ruedas / Верхний монорельс для тележек с 4 колесами малый оцинкованный	1 (6,0 m)	311
	354-185	Staffa regolabile a parete mm. 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	Supporto guida regolabile Adjustable guide support / Support guide réglable / Regulierbare führung / Soporte guía regulable / Опора регулируемой направляющей	6	300
	375 P20 / 376 P20	Carrello piccolo a 4 ruote in acciaio / nylon 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	Cariglione star grande Large star lever bolt / Cremona star grande / Treibriegel star gross / Falleba star grande / Большой болтовой рычаг star	2 SX	321
	699	Maniglione di trascinamento in nylon con passanti 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	Asta di chiusura tubolare 30x10 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	Passante per aste 30x10 Rod guide 30x10 / Traversant pour tringles 30x10 / Lasche für stangen 30x10 / Puente para varillas 30x10 / Сквозная направляющая для стержней 30x10	6	319
	365	Incontro per aste Floor strike plate for rods / Butoir pour tringles / Aufaufschuh für stangen / Encuentro para varillas / Упор для стержней	2	303
	P380	Cerniera doppia in alluminio pressofuso con battute Die-cast aluminium double hinge with steps / Paumelle double en aluminium moulée 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	Cerniera doppia in alluminio pressofuso con battute, senza perno Die-cast aluminium double hinge, without pin / Paumelle double en aluminium moulée 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	Cerniera singola in alluminio pressofuso con battuta Die-cast aluminium hinge with step / Paumelle simple en aluminium moulée avec batee / 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	Perno superiore ribassato Lowered upper pin / Pivot supérieur surbaisse / Oberer bolzen herabgesenkt / Perno superior rebajado / Верхний штырь пониженный	3	308
	379 G 200	Perno inferiore regolabile con cuscinetto Adjustable lower pin with bearing / Pivot inférieur réglable avec roulement / Regulierbarer unterer bolzen mit kugellager / Pernio inferior regulable con rodamiento / Нижний регулируемый штифт с подшипником	3	305
	358	Guida inferiore a cementare da mt. 6,00 Lower guide to be cemented, length 6 meters / Guide inférieure 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	Profilo ad "u" per deviatori ad impacco laterale "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	Deviatore regolabile per impacchettamento laterale 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 заправки	2	296
	246	Battente finecorsa per monorotaia art. 398/399 End-supper for guides art. 398/399 / Batee de fin de course pour rails art. 398/399 / Letzter türlügel für laufschielen art. 398/399 / Tope para monocaril art. 398/399 / Стопор конца хода для монорельсов арт. 398/399	2	295
	239	Tappo ammortizzatore ante Door leaf suppper / Embout d'amortissage vantaux / Stossdämpfer für türe / Amortiguador hojas / Амортизирующая пробка створки	3	295



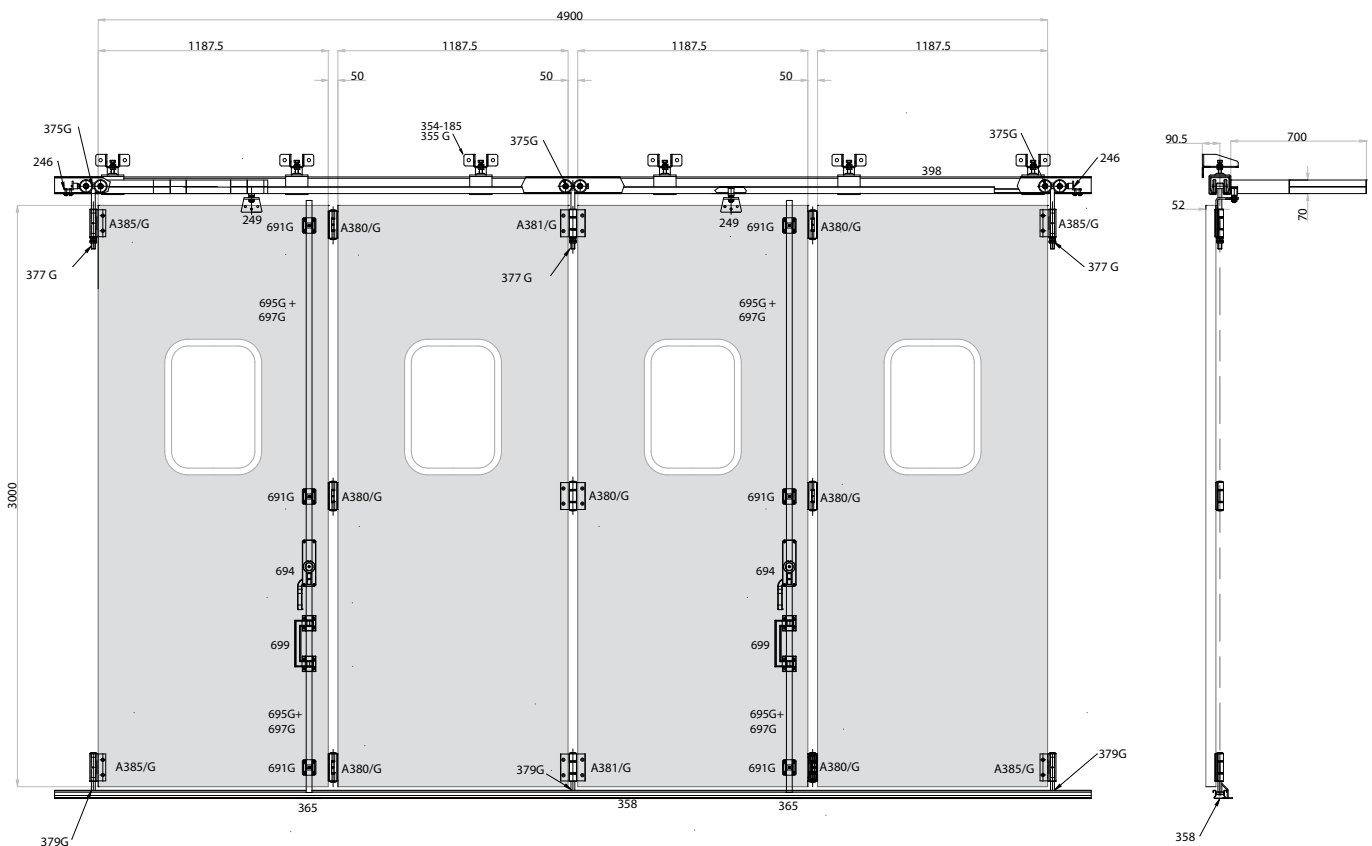
Portoni industriali
Industrial door systems

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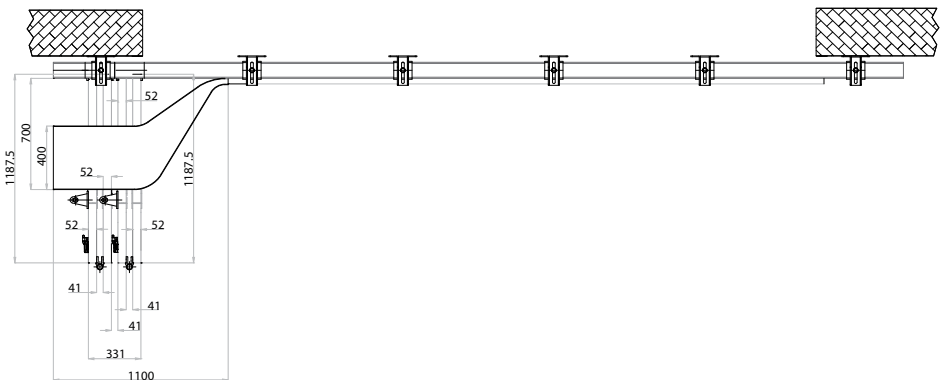
4 Ante oltreluce con carrello in acciaio pesante
4 Panels - more than space with heavy steel trolley / 4 Vantaux hors de l'ouverture avec chariot en acier lourd / 4 Flügel über die lichte breite mit rollenapparat aus schwerem stahl / 4 Hojas fuera del vano con carro de acero pesado / 4 Створки больше проема с тяжелой тележкой из стали



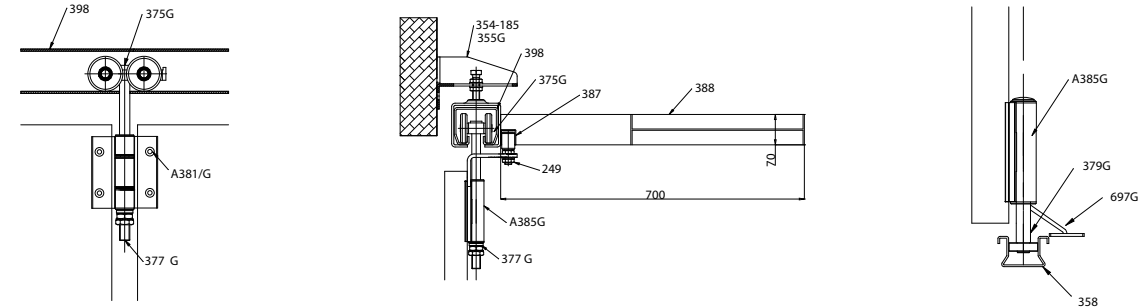
Schema con ante chiuse
Diagram with closed doors



Schema con ante aperte/chiusa
Diagram with open/closed doors



Particolari tecnici
Technical details



	ART.	DESCRIPTION	Box info	PAG.
			Pcs per pack	
	398	Monorotaia superiore per carrelli 4 ruote grande zincata Large galvanized upper guide for trolleys with four wheels / Rail supérieur pour chariots 4 galets grands zingués / Obere laufschiene für rollenapparate mit 4 rollen gross verzinkt / Monocanil superior grande galvanizada para carros con 4 ruedas / Верхний монорельс для тележек с 4 колесами большой оцинкованный	1 (6,0 m)	311
	354-185	Staffa regolabile a parete mm. 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	Supporto guida regolabile Adjustable guide support / Support guide réglable / Regulierbare führung / Soporte guía regulable / Опора регулируемой направляющей	6	300
	375 G	Carrello grande a 4 ruote in acciaio per perno da mm. 20 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	Cariglione star grande Large star lever bolt / Cremona star grande / Treibriegel star gross / Falleba star grande / Большой болтовой рычаг star	2 SX	321
	699	Maniglione di trascinamento in nylon con passanti 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	Asta di chiusura tubolare 30x10 Closing tubular rod 30x10 / Tringle tubulaire de fermeture 30x10 / Rohrschlossstange 30x10 / Varilla de cierre tubular 30x10 / Закрывающий стержень трубчатый 30x10	2 (1,20 m) + 2 (3,0 m)	322
	691 G	Passante per aste 30x10 Rod guide 30x10 / Traversant pour tringles 30x10 / Lasche für stangen 30x10 / Puente para varillas 30x10 / Сквозная направляющая для стержней 30x10	6	319
	365	Incontro per aste Floor strike plate for rods / Butoir pour tringles / Aufaufschuh für stangen / Encuentro para varillas / Упор для стержней	2	303
	A380 G	Cerniera doppia grande in alluminio con battute Large aluminium double hinge with steps / Paumelle double grande en aluminium avec butees / 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	Cerniera doppia grande in alluminio con battute, senza perno Large aluminium double hinge with steps, without pin / Paumelle double grande en aluminium avec butees, 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	Cerniera singola in alluminio con battuta Large aluminium hinge with step / Paumelle simple grande en aluminium avec batee / Einzel-scharnier klein aus aluminium mit stütze / Pernio de aluminio con tope / Одинарный шарнир из алюминия с упором	4	328
	377 G 330	Perno superiore per carrelli 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	Perno inferiore regolabile con cuscinetto 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	3	305
	358	Guida inferiore a cementare da mt. 6,00 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	Profilo ad "u" per deviatori ad impacco laterale "U" profile for side folding switches / 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	Deviatore regolabile per impacchettamento laterale 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	2	296
	246	Battente finecorsa per monorotaie art. 398/399 End-supper for guides art. 398/399 / Batee de fin de course pour rails art. 398/399 / Letzter türlügel für laufschiene art. 398/399 / Tope para monocanil art. 398/399 / Стопор конца хода для монорельсов art. 398/399	1	295
	239	Tappo ammortizzatore ante Door leaf suppper / Embout d'amortissage vantaux / Stossdämpfer für türe / Amortiguador hojas / Амортизирующая пробка створки	3	295



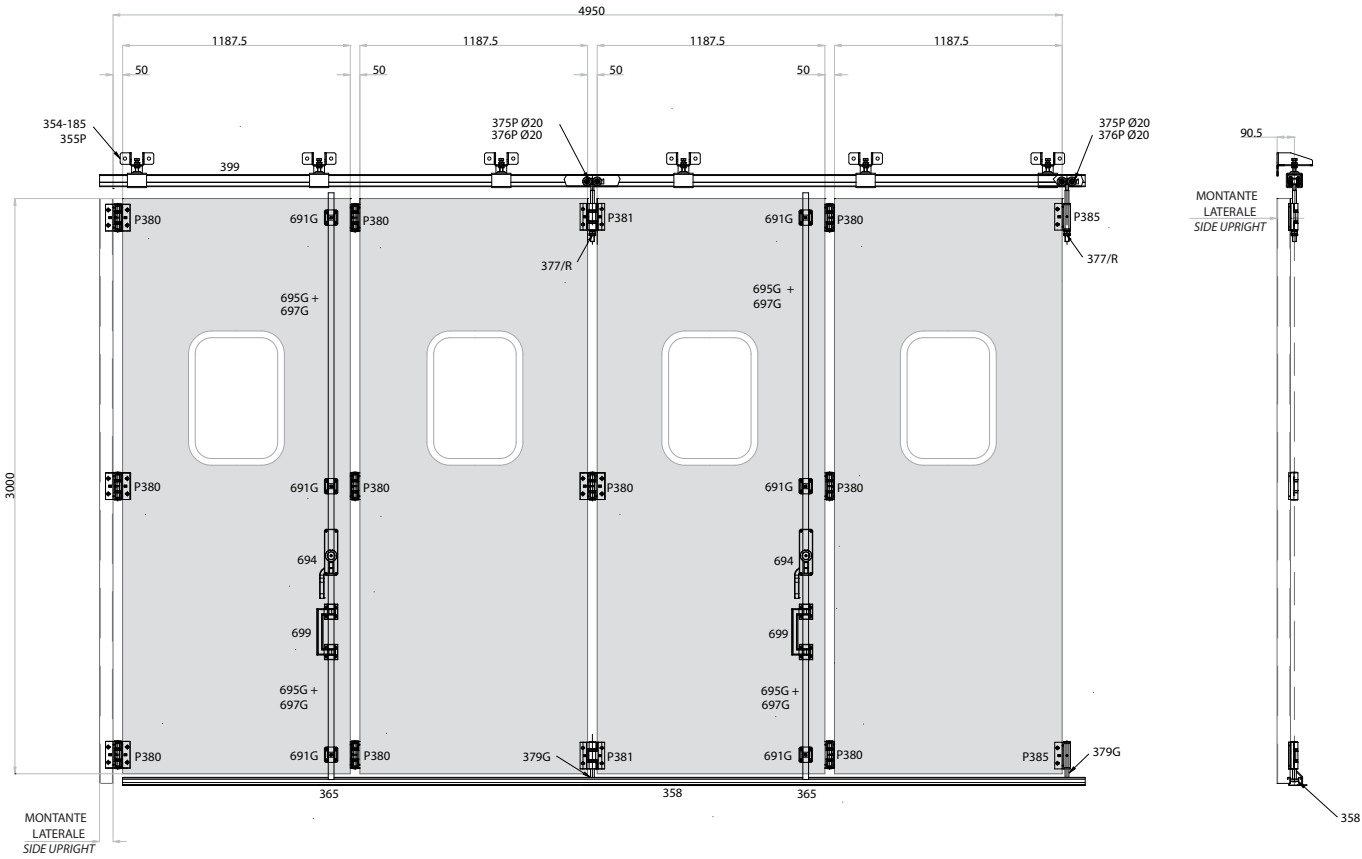
Portoni industriali
Industrial door systems

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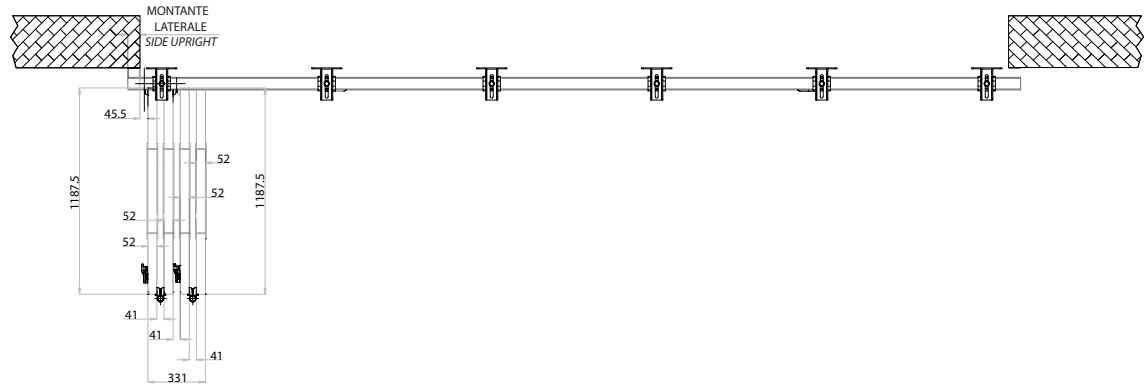
4 Ante impacchettamento laterale con carrello 4 ruote
4 Side folding panels with 4 wheel trolley / 4 Vantaux ramassage latéral avec chariot à 4 galets / 4 Flügel seitliche paket-lagerung mit vierrädrigem rollenapparat / 4 Hojas plegables con carro 4 ruedas / 4 Створки с боковой заверткой с тележкой 4 колеса



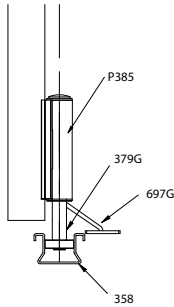
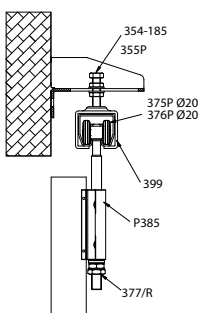
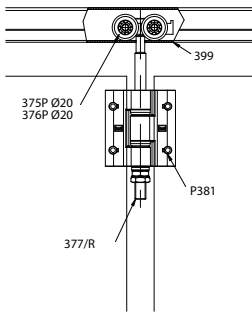
Schema con ante chiuse
Diagram with closed doors



Schema con ante aperte/chiusa
Diagram with open/closed doors



Particolari tecnici
Technical details



	ART.	DESCRIPTION	Box info	PAG.
			Pcs per pack	
	399	Monorotaia superiore per carrelli 4 ruote piccola zincata 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 / Monocami superior pequeño galvanizado para carros con 4 ruedas / Верхний монорельс для тележек с 4 колесами малый оцинкованный	1 (6,0 m)	311
	354-185	Staffa regolabile a parete mm. 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	Supporto guida regolabile Adjustable guide support / Support guide réglable / Regulierbare führung / Soporte guía regulable / Опора регулируемой направляющей	6	300
	375 P20 / 376 P20	Carrello piccolo a 4 ruote in acciaio / nylon 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	Cariglione star grande Large star lever bolt / Cremona star grande / Treibriegel star gross / Falleba star grande / Большой болтовой рычаг star	2 SX	321
	699	Maniglione di trascinamento in nylon con passanti 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	Asta di chiusura tubolare 30x10 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	Passante per aste 30x10 Rod guide 30x10 / Traversant pour tringles 30x10 / Lasche für stangen 30x10 / Puente para varillas 30x10 / Сквозная направляющая для стержней 30x10	6	319
	365	Incontro per aste Floor strike plate for rods / Butoir pour tringles / Aufaufschuh für stangen / Encuentro para varillas / Упор для стержней	2	303
	P380	Cerniera doppia in alluminio pressofuso con battute Die-cast aluminium double hinge with steps / Paumelle double en aluminium moulée avec butées / 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	Cerniera doppia in alluminio pressofuso con battute, senza perno Die-cast aluminium double hinge, without pin / Paumelle double en aluminium moulée avec butées, 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	Cerniera singola in alluminio pressofuso con battuta Die-cast aluminium hinge with step / Paumelle simple en aluminium moulée avec butée / 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	Perno superiore ribassato Lowered upper pin / Pivot supérieur surbaisse / Oberer bolzen herabgesenkt / Perno superior rebajado / Верхний штырь пониженный	2	308
	379 G 200	Perno inferiore regolabile con cuscinetto 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	Guida inferiore a cementare da mt. 6,00 Lower guide to be cemented, length 6 meters / Guide inférieure 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	Tappo ammortizzatore ante Door leaf suppper / Embout d'amortissage vantaux / Stossdämpfer für türe / Amortiguador hojas / Амортизирующая пробка створки	3	295



Portoni industriali

Industrial door systems

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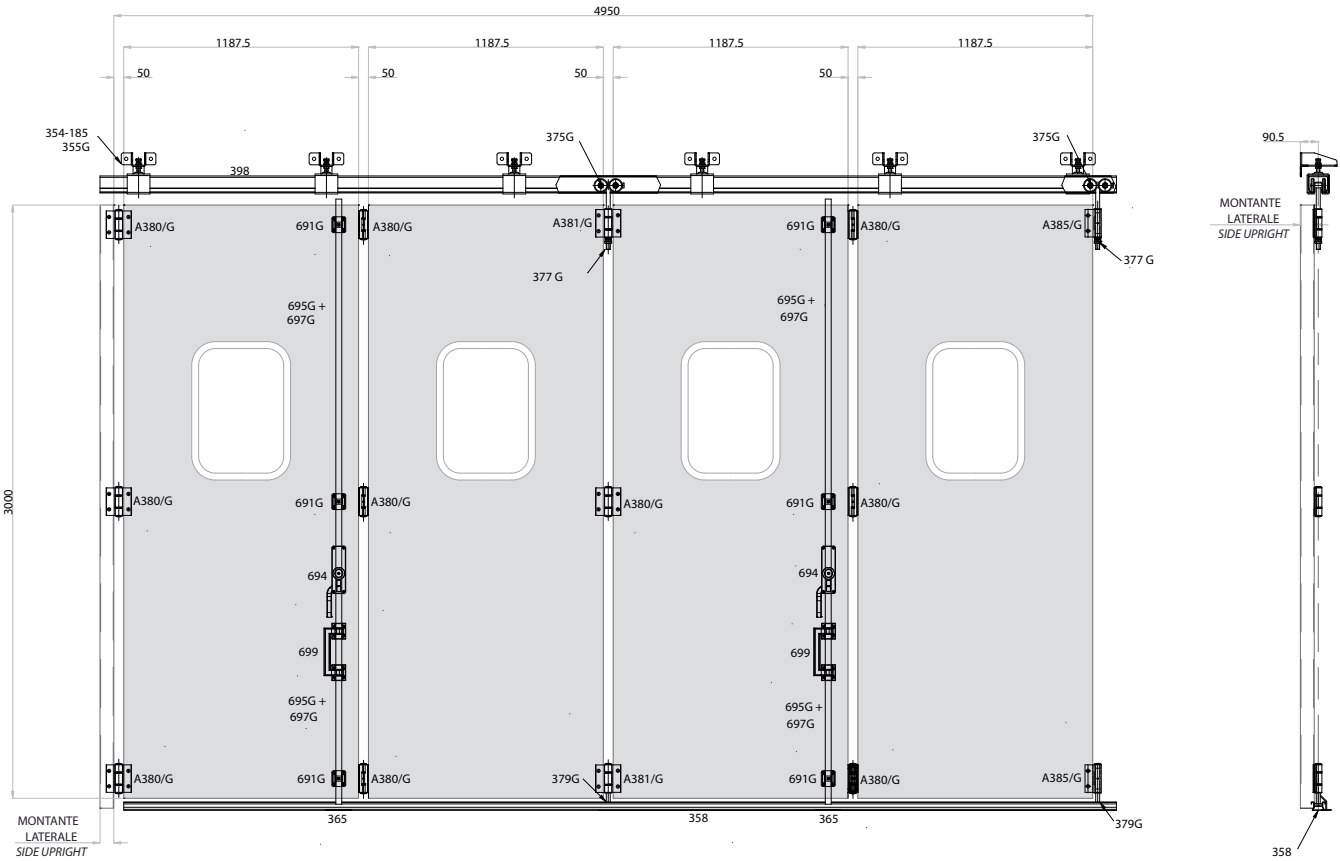
4 Ante impacchettamento laterale con carrello in acciaio pesante

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



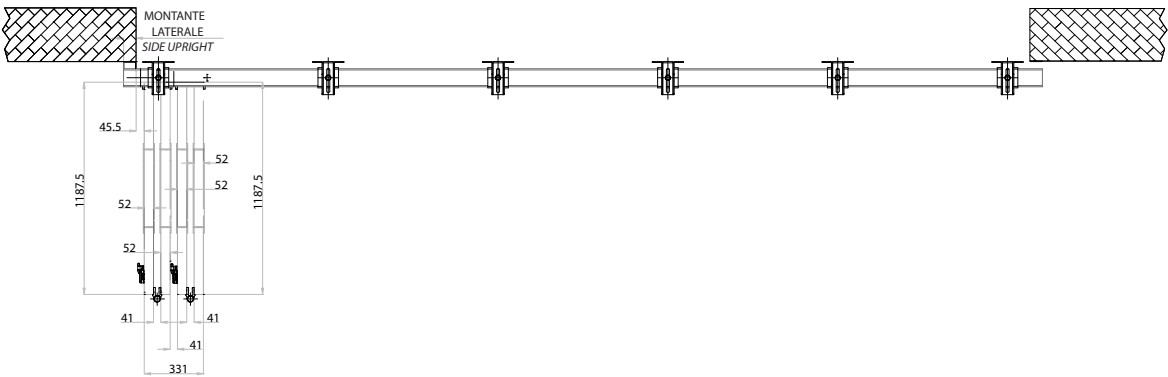
Schema con ante chiuse

Diagram with closed doors



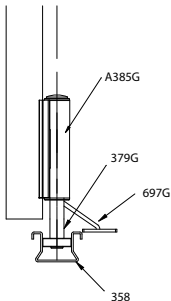
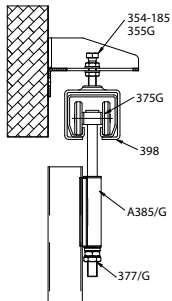
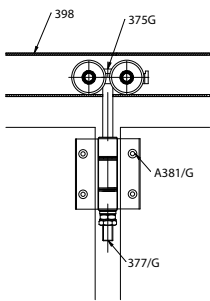
Schema con ante aperte/chiusa

Diagram with open/closed doors



Particolari tecnici

Technical details



	ART.	DESCRIPTION	Box info	PAG.
			Pcs per pack	
	398	Monorotaia superiore per carrelli 4 ruote grande zincata Large galvanized upper guide for trolleys with four wheels / Rail supérieur pour chariots 4 galets grands zingués / Obere laufschiene für rollenapparate mit 4 rollen gross verzinkt / Monocami superior grande galvanizado para carros con 4 ruedas / Верхний монорельс для тележек с 4 колесами большой оцинкованный	1 (6.0 m)	311
	354-185	Staffa regolabile a parete mm. 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	Supporto guida regolabile Adjustable guide support / Support guide réglable / Regulierbare führung / Soporte guía regulable / Опора регулируемой направляющей	6	300
	375 G	Carrello grande a 4 ruote in acciaio per perno da mm. 20 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	Cariglione star grande Large star lever bolt / Cremona star grande / Treibriegel star gross / Falleba star grande / Большой болтовой рычаг star	2 SX	321
	699	Maniglione di trascinamento in nylon con passanti 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	Asta di chiusura tubolare 30x10 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	Passante per aste 30x10 Rod guide 30x10 / Traversant pour tringles 30x10 / Lasche für stangen 30x10 / Puente para varillas 30x10 / Сквозная направляющая для стержней 30x10	6	319
	365	Incontro per aste Floor strike plate for rods / Butoir pour tringles / Aufaufschuh für stangen / Encuentro para varillas / Упор для стержней	2	303
	A380 G	Cerniera doppia grande in alluminio con battute Large aluminium double hinge with steps / Paumelle double grande en aluminium avec butees / 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	Cerniera doppia grande in alluminio con battute, senza perno Large aluminium double hinge with steps, without pin / Paumelle double grande en aluminium avec butees, 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	Perno superiore per carrelli 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	Perno inferiore regolabile con cuscinetto 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	Guida inferiore a cementare da mt. 6,00 Lower guide to be cemented, length 6 meters / Guide inférieure 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	Tappo ammortizzatore ante Door leaf suppper / Embout d'amortissage vantaux / Stossdämpfer für türe / Amortiguador hojas / Амортизирующая пробка створки	3	295



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10100505 001	2	1C	282
10100610 001	2C	1C	282
10100615 001	2C	1C	282
10101005 001	4	1C	282
10101110 001	4C	1C	283
10101115 001	4C	1C	283
10102005 001	8	1C	284
10102110 001	8C	1C	284
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10102505 001	10	1C	284
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10102615 001	10C	1C	285
10103110 001	14C	1C	285
10103115 001	14C	1C	285
10103610 001	16C	1C	285
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10104615 001	20C	1C	286
10605005 001	22	1L	287
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10605010 001	22	1L	287
10605505 001	23	1I	288
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10200505 001	24	1I	286
10200510 001	24	1I	286
10200515 001	24	1I	286
10300505 001	26	1L	286
10300510 001	26	1L	286
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10301010 001	28	1L	286
10301505 001	30-25	1L	289
10400505 001	32-34	1L	289
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10302005 001	36-25	1L	290
10302010 001	36-30	1L	290
10105505 001	38-24	1C	290
10106005 001	39-24	1C	291
10106505 001	40-24	1C	291
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10501005 001	42 P	1L	292
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10107505 001	43-24	1C	292
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10108505 001	46-24	1C	293
10109005 001	48-24	1C	293
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10110005 001	52-24	1C	294
10110505 001	54-24	1C	294
10111005 001	56-24	1C	294
10111505 001	60-24	1C	295

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11210020	73-10	1N	176
11210025	73-20	1N	176
11210030	73-30	1N	176
11210005	73-40	1N	176
11210010	73-50	1N	176
11210015	73-60	1N	176
11210020 503	73-10	1N	176
11210025 503	73-20	1N	176
11210030 503	73-30	1N	176
11210005 503	73-40	1N	176
11210010 503	73-50	1N	176
11210015 503	73-60	1N	176
11210520	74-10	1N	177
11210525	74-20	1N	177
11210530	74-30	1N	177
11210505	74-40	1N	177
11210510	74-50	1N	177
11210515	74-60	1N	177
11210520 503	74-10	1N	177
11210525 503	74-20	1N	177
11210530 503	74-30	1N	177
11210505 503	74-40	1N	177
11210510 503	74-50	1N	177
11210515 503	74-60	1N	177
11213505	78	1N	178
11213505 502	78	1N	178
11215005	80	1N	178
10822505 001	81-M22	1A	20
10822510 001	81-M24	1A	20
10823005 001	82-M22	1A	21
10823010 001	82-M24	1A	21
10800305	84I	2A	29
10800407 001	85M	1A	22
10800410 001	85G	1A	22
10801607 001	85L-M	1A	24
10801610 001	85L-G	1A	24
10801407 001	85PST-M	1A	24
10801410 001	85PST-G	1A	24
10800411 001	85XL	1A	23
10800505 001	86P	1A	24
10800605	86i-P	2A	25
10800510 001	86G	1A	25
10800610	86i-G	2A	25
10801805 001	86L-P	1A	26
10801810 001	86L-G	1A	26
10801710 001	86PST	1A	26
10801005 001	87P	1A	27
10801105	87i-P	2A	27
10801110	87i-G	2A	27
10801007 001	87M	1A	28
10801010 001	87G	1A	28
10801305 001	87L-P	1A	29

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10801307 001	87L-M	1A	30
10801310 001	87L-G	1A	30
10801205 001	87PST-P	1A	29
10801207 001	87PST-M	1A	31
10801210 001	87PST-G	1A	31
10801011 001	87XL	1A	32
10801505 001	88-40	1A	33
10801510 001	88-50	1A	33
10801515 001	88-60	1A	33
10802105 001	88L-40	1A	34
10802110 001	88L-50	1A	34
10802115 001	88L-60	1A	34
10802205 001	88PST-40	1A	34
10802210 001	88PST-50	1A	34
10802215 001	88PST-60	1A	34
10802005	89-40	1A	34
10802010	89-50	1A	34
10802015	89-60	1A	34
10802505	90P	1A	35
10802510	90G	1A	35
10803005	92G	1A	36
10803505 001	94P	1A	36
10803510 001	94G	1A	36
10804005 001	96G	1A	36
10804505	100P	1A	38
10804510	100G	1A	38
10804605 001	100PST-P	1A	37
10804610 001	100PST-G	1A	37
10805005	105-20	1A	39
10805105 001	105PST	1A	37
10805205 001	106-20	1A	37
10805210 001	106-27	1A	37
10805305 001	106PST-20	1A	40
10805310 001	106PST-27	1A	40
10805505	110-20	1A	41
10805510	110-24	1A	41
10805515	110-27	1A	41
10806005	115-20,5	1A	41
10806010	115-24,5	1A	41
10806015	115-28	1A	41
10806405 001	115PST-20,5	1A	42
10806410 001	115PST-24,5	1A	42
10806415 001	115PST-28	1A	42
10806205	116i-20	2A	42
10806210	116i-24	2A	42
10807305 001	117-20,5	1A	42
10807310 001	117-24,5	1A	42
10807315 001	117-28	1A	42
10807405 001	117PST-20,5	1A	43
10807410 001	117PST-24,5	1A	43
10807415 001	117PST-28	1A	43
10806500 001	120-M18	1A	44

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10806505 001	120-M20	1A	44
10806509 001	120-M22	1A	44
10806510 001	120-M24	1A	44
10806505 020	120-M20 Hs700	1A	44
10806510 020	120-M24 Hs700	1A	44
10806605	120i-M20	2A	43
10806610	120i-M24	2A	43
10807005 001	125-M20	1A	43
10807010 001	125-M24	1A	43
10807505 001	130-M20	1A	46
10807510 001	130-M24	1A	46
10808005 001	135-M18	1A	45
10808009 001	135-M20	1A	45
10808010 001	135-M22	1A	45
10808014 001	135-M24	1A	45
10808015 001	135-M27	1A	45
10808505 001	140-M18	1A	46
10808510 001	140-M22	1A	46
10808515 001	140-M27	1A	46
10809005 001	150-M18	1A	46
10809010 001	150-M22	1A	46
10824705 001	154-M18	1A	47
10824710 001	154-M20	1A	47
10824715 001	154-M22	1A	47
10824720 001	154-M24	1A	47
10824725 001	154-M27	1A	47
10824405 001	154R-CV-M18	1A	48
10824410 001	154R-CV-M20	1A	48
10824415 001	154R-CV-M22	1A	48
10824420 001	154R-CV-M24	1A	48
10809505 001	155-M20	1A	49
10809510 001	155-M24	1A	49
10824605 001	157CV-M18	1A	47
10824610 001	157CV-M20	1A	47
10824615 001	157CV-M22	1A	47
10824620 001	157CV-M24	1A	47
10824905 001	157-AL-M18	1A	47
10824910 001	157-AL-M20	1A	47
10824915 001	157-AL-M22	1A	47
10824920 001	157-AL-M24	1A	47
10823505 001	159-M18	1A	50
10823510 001	159-M20	1A	50
10823515 001	159-M22	1A	50
10823520 001	159-M24	1A	50
10823525 001	159-M27	1A	50
10823405 001	159R-CV-M18	1A	50
10823410 001	159R-CV-M20	1A	50
10823415 001	159R-CV-M22	1A	50
10823420 001	159R-CV-M24	1A	50
10810005 001	160-M18	1A	51
10810010 001	160-M22	1A	51
10810015 001	160-M27	1A	51

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10801912 001	160XL	1A	50
10810300 001	161-M18	1A	52
10810305 001	161-M20	1A	52
10810309 001	161-M22	1A	52
10810310 001	161-M24	1A	52
10810505 001	162-M20	1A	52
10810510 001	162-M24	1A	52
10810805 001	163-M18	1A	52
10810809 001	163-M20	1A	52
10810810 001	163-M22	1A	52
10810814 001	163-M24	1A	52
10810815 001	163-M27	1A	52
10811005 001	164-M18	1A	53
10811010 001	164-M22	1A	53
10811015 001	164-M27	1A	53
12100505	165-30	1G	72
12100510	165-40	1G	72
12100515	165-50	1G	72
12100520	165-60	1G	72
12100525	165-80	1G	72
12100530	165-100	1G	72
12100535	165-120	1G	72
12100540	165-150	1G	72
12100550	165-200	1G	72
12100505 001	165Z-30	1G	72
12100510 001	165Z-40	1G	72
12100515 001	165Z-50	1G	72
12100520 001	165Z-60	1G	72
12100525 001	165Z-80	1G	72
12100530 001	165Z-100	1G	72
12100535 001	165Z-120	1G	72
12100540 001	165Z-150	1G	72
12100550 001	165Z-200	1G	72
12100805	165T-30	1G	73
12100810	165T-33	1G	73
12100815	165T-42	1G	73
12100820	165T-48	1G	73
12100830	165T-76	1G	73
12100835	165T-89	1G	73
12100845	165T-114	1G	73
12100705	165i-30	2G	73
12100710	165i-40	2G	73
12100715	165i-50	2G	73
12100720	165i-60	2G	73
12100725	165i-80	2G	73
12100730	165i-100	2G	73
12100735	165i-120	2G	73
12100740	165i-150	2G	73
10704601 001	166P	1G	66
10704602 001	166G	1G	66
10700705 001	167	1G	66
10700805 001	168	1G	66

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10700905 001	169	1G	67
10701005 001	170	1G	68
10701105	170i	2G	68
10701205 001	171	1G	69
10821005 001	172-M18	1A	54
10821010 001	172-M20	1A	54
10821015 001	172-M24	1A	54
10820005 001	174-M16	1A	55
19926003	175P	1A	56
19926004	175G	1A	56
10820505 001	176	1A	53
10819505 001	178-M12	1A	57
10819510 001	178-M16	1A	57
10819515 001	178-M20	1A	57
10819520 001	178-M24	1A	57
10814005 001	180-M18	1A	58
10814010 001	180-M22	1A	58
10814015 001	180-M27	1A	58
10814505 001	182-M18	1A	59
10814510 001	182-M22	1A	59
10814515 001	182-M27	1A	59
10815005 001	184-M18	1A	58
10815010 001	184-M22	1A	58
10815015 001	184-M27	1A	58
10817505 001	185-M18	1A	58
10817510 001	185-M22	1A	58
10817515 001	185-M27	1A	58
10815505 001	186-M18	1A	60
10815510 001	186-M22	1A	60
10815515 001	186-M27	1A	60
10816005 001	188-M18	1A	60
10816010 001	188-M22	1A	60
10816015 001	188-M27	1A	60
10822018 001	189-M18	1A	60
10822020 001	189-M20	1A	60
10822022 001	189-M22	1A	60
10822024 001	189-M24	1A	60
10822027 001	189-M27	1A	60
10816505	190-30	1A	61
10816510	190-35	1A	61
10816515	190-40	1A	61
10817005	192-30	1A	61
10817010	192-35	1A	61
10817015	192-40	1A	61
10818005	194-30	1A	61
10818010	194-35	1A	61
10818015	194-40	1A	61
10818020	194-50	1A	61
10818101 001	194PST	1A	62
10818505	196-30	1A	62
10818510	196-35	1A	62
10818515	196-40	1A	62



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10819005	198-30	1A	62
10819010	198-35	1A	62
10819015	198-40	1A	62
10704701	199-40	1G	76
10704705	199-50	1G	76
10704710	199-60	1G	76
10701505 001	200P	1G	76
10701510 001	200G	1G	76
10701610	200i-G	2G	76
10701450 001	201	1G	78
10701810 001	202	1G	77
10704301 001	202F-B	1G	79
10704201 001	202F-A	1G	77
10704401 001	202F-C	1G	77
10502101	202A	1G	81
10704501 001	203	1G	81
10704550 001	204	1G	80
10900505	205	1H	178
10906601 604	209	1H	179
10906601 503	209	1H	179
10901005 503	210-25-35	1H	179
10901005 516	210-25-35	1H	179
10901010 503	210-40-50	1H	179
10901010 516	210-40-50	1H	179
10901015 503	210-50-60	1H	179
10901015 516	210-50-60	1H	179
10901020 503	210-60-70	1H	179
10901020 516	210-60-70	1H	179
10901305 516	211	1H	179
10901305 503	211	1H	179
10905501 503	213	1H	180
11200501 001	215-50	1N	180
11200505 001	215-60	1N	180
11200601 001	215S-50	1N	180
11200605 001	215S-60	1N	180
11201005 001	216	1N	181
11201701	217-40	1N	181
11201705	217-50	1G	181
11201710	217-60	1G	181
11202005	220-40	1G	181
11202010	220-50	1G	181
11215530 001	222-30	1N	182
11215535 001	222-35	1N	182
11215540 001	222-40	1N	182
11215545 001	222-45	1N	182
11215550 001	222-50	1N	182
11215560 001	222-60	1N	182
11215531 001	223-30	1N	182
11215536 001	223-35	1N	182
11215541 001	223-40	1N	182
11215546 001	223-45	1N	182
11215551 001	223-50	1N	182

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11215561 001	223-60	1N	182
11300505 001	227-30	1L	84
11300510 001	227-42	1L	84
11301005 001	230-25	1L	84
11301010 001	230-30	1L	84
11301015 001	230-40	1L	84
11301017 001	230-41	1L	84
11301020 001	230-42	1L	84
11301310	230i-30	2L	84
11301315	230i-40	2L	84
11301505 001	231-52	1L	85
11302210 001	232-30	1L	85
11302215 001	232-40	1L	85
11302005 001	235-35	1L	85
10700405	239	3E	295
11302010 001	240-37,5	1L	86
11302505 001	242-37,5	1L	86
11303005 001	243-25	1L	86
11303010 001	243-30	1L	86
11303015 001	243-40	1L	86
11303505 001	244-25	1L	87
11303510 001	244-30	1L	87
11303515 001	244-40	1L	87
11304005 001	245-32	1L	87
11304010 001	245-35	1L	87
11304015 001	245-42	1L	87
10701705 001	246	3G	295
11305005 001	247	1L	87
11307500 001	248-60	3H	296
11307501 001	248-70	3H	296
11307505 001	248-80	3H	296
10401505 001	249-30	3E	296
11305505 001	250-220	1L	88
11305605	250i-220	2L	88
11305805 001	251-220	1L	89
11305810 001	251-300	1L	89
11306205 001	252-200	1L	90
11305701 001	253-40	1L	90
11306005 001	255-220	1L	91
11306010 001	255-350	1L	91
11306105	255i-220	2L	91
11305905 001	256-220	1L	92
11305910 001	256-300	1L	92
11306510 001	257-300	1L	91
11306515 001	257-400	1L	91
11306520 001	257-500	1L	91
11306525 001	257-600	1L	91
11306530 001	257-700	1L	91
11306535 001	257-800	1L	91
11306405 001	258-30	1L	93
11400505 001	260-22x22	1F	96
11400510 001	260-22x22	1F	96

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11400515 001	260-30x30	1F	96
11400610	260i-22x22	2F	96
11400101	261-26x20	1F	96
11401205 001	262-30x8	1F	97
11401005 001	262-30x12	1F	97
11401010 001	262-30x12	1F	97
11401105	262i-30x12	2F	97
11401710 001	263	1F	97
11401505 001	264	1F	98
11401905	264i	2F	98
11402001	265	1F	99
11402005	265	1F	99
11402505 001	266	1F	99
10902005 001	270P	1H	296
10902010 001	270G	1H	296
10902505	270i-P	2H	297
10902510	270i-G	2H	297
10903005 001	272	1H	297
10702005 001	275	1G	204
10702010 001	275F-30	1G	204
10702015 001	275F-40	1G	204
10702020 001	275F-50	1G	204
10702025 001	275F-60	1G	204
10701301 001	275PST	1G	205
10701401 001	276	1G	205
10812005 001	282-30x30	1A	63
10813005 001	285-30x30	1A	63
10204001 001	287P-Ø15-Sp3	1I	102
10204011 001	287P-Ø15-Sp3	1I	102
10204002 001	287P-Ø15-Sp3	1I	102
10204012 001	287P-Ø15-Sp3	1I	102
10204018 001	287-Ø17-Sp3	1I	102
10204020 001	287-Ø17-Sp3	1I	102
10204013 001	287G-Ø19-Sp3	1I	102
10204007 001	287G-Ø19-Sp3	1I	102
10204014 001	287G-Ø19-Sp3	1I	102
10204008 001	287G-Ø19-Sp3	1I	102
10204015 001	287G-Ø19-Sp4	1I	102
10204009 001	287G-Ø19-Sp4	1I	102
10204016 001	287G-Ø19-Sp4	1I	102
10204010 001	287G-Ø19-Sp4	1I	102
10204201 001	287FP-G	1I	103
10204202 001	287FP-G	1I	103
10204113	287i-Gø19-SP2	2I	104
10204114	287i-Gø19-SP2	2I	104
10201501 001	289P-Ø15-Sp3	1I	104
10201502 001	289P-Ø15-Sp3	1I	104
10201505 001	289G-Ø19-Sp3	1I	104
10201510 001	289G-Ø19-Sp3	1I	104
10201605	289i-Gø19-SP2	2I	104
10201610	289i-Gø19-SP2	2I	104
10601501 001	290	1I	105

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10602005 001	291	1I	105
10602105	291i	2I	105
10201905 001	292	1I	106
10201910 001	292	1I	106
10201705 001	293	1I	106
10201710 001	293	1I	106
10201805	293i	2I	106
10201810	293i	2I	106
10602205 001	294	1I	107
10602405 001	295	1I	107
10602305	295i	2I	107
10601605 001	297	1I	108
10601610 001	297G	1I	108
10601705	297i	2I	108
11501001 001	300V-40	1M	112
11501005 001	300V-50	1M	112
11501010 001	300V-60	1M	112
11501015 001	300V-70	1M	112
11501020 001	300V-80	1M	112
11501030 001	300V-90	1M	112
11501040 001	300V-100	1M	112
11501050 001	300V-120	1M	112
11501060 001	300V-140	1M	112
11501070 001	300V-160	1M	112
11501080 001	300V-200	1M	112
11501410	300i-V60	2M	112
11501420	300i-V80	2M	112
11501430	300i-V90	2M	112
11501440	300i-V100	2M	112
11501450	300i-V120	2M	112
11501460	300i-V140	2M	112
11501470	300i-V160	2M	112
11501480	300i-V200	2M	112
11500501 001	300U-40	1M	113
11500505 001	300U-50	1M	113
11500510 001	300U-60	1M	113
11500515 001	300U-70	1M	113
11500520 001	300U-80	1M	113
11500530 001	300U-90	1M	113
11500540 001	300U-100	1M	113
11500550 001	300U-120	1M	113
11500560 001	300U-140	1M	113
11500570 001	300U-160	1M	113
11500580 001	300U-200	1M	113
11502140	305i-V100	2M	113
11502150	305i-V120	2M	113
11502160	305i-V140	2M	113
11502170	305i-V160	2M	113
11502180	305i-V200	2M	113
11502040 001	305V-100	1M	114
11502050 001	305V-120	1M	114
11502060 001	305V-140	1M	114

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11502070 001	305V-160	1M	114
11502080 001	305V-200	1M	114
11501540 001	305U-100	1M	115
11501550 001	305U-120	1M	115
11501560 001	305U-140	1M	115
11501570 001	305U-160	1M	115
11501580 001	305U-200	1M	115
11502510 001	306Y-60	1M	115
11502520 001	306Y-80	1M	115
11502530 001	306Y-90	1M	115
11502540 001	306Y-100	1M	115
11502550 001	306Y-120	1M	115
11502560 001	306Y-140	1M	115
11502570 001	306Y-160	1M	115
11502580 001	306Y-200	1M	115
11503040 001	307Y-100	1M	116
11503050 001	307Y-120	1M	116
11503060 001	307Y-140	1M	116
11503070 001	307Y-160	1M	116
11503080 001	307Y-200	1M	116
11503505 001	308-50	1M	116
11503510 001	308-60	1M	116
11503520 001	308-80	1M	116
11504020 001	309-80	1M	118
11504040 001	309-100	1M	118
11504050 001	309-120	1M	118
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11507570 001	323-160	1M	123
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11508040 001	324-100	1M	123
11508041 001	324-100	1M	123
11508050 001	324-120	1M	123
11508051 001	324-120	1M	123
11508070 001	324-160	1M	123
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11508081 001	324-200	1M	123
11508082 001	324-200	1M	123
11508090 001	324-250	1M	123
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11909040 001	325V-100	1M	124
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11508520 001	325U-80	1M	125
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11508740 001	326U-100	1M	125
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11509740 001	328-100	1M	126
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11510515 001	330V-70	1M	127
11510520 001	330V-80	1M	127
11510530 001	330V-90	1M	127
11510540 001	330V-100	1M	127
11510550 001	330V-120	1M	127
11510560 001	330V-140	1M	127
11510010 001	330U-60	1M	128
11510015 001	330U-70	1M	128
11510020 001	330U-80	1M	128
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11511035 001	332-90S	1M	129
11511040 001	332-100	1M	129
11511045 001	332-100S	1M	129
11511050 001	332-120	1M	129
11511060 001	332-140	1M	129
11512040 001	333V-100	1M	129
11512050 001	333V-120	1M	129
11512060 001	333V-140	1M	129
11511540 001	333U-100	1M	130
11511550 001	333U-120	1M	130
11511560 001	333U-140	1M	130
11512240 001	333Y-100	1M	130
11512250 001	333Y-120	1M	130
11512260 001	333Y-140	1M	130
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11512550 001	334-120	1M	130
11512560 001	334-140	1M	130
11513520 001	335V-80	1M	131
11513530 001	335V-90	1M	131
11513540 001	335V-100	1M	131
11513550 001	335V-120	1M	131
11513560 001	335V-140	1M	131
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11513040 001	335U-100	1M	132
11513050 001	335U-120	1M	132
11513060 001	335U-140	1M	132
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11513730 001	335Y-90	1M	133
11513740 001	335Y-100	1M	133
11513750 001	335Y-120	1M	133
11513760 001	335Y-140	1M	133
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11514540 001	336V-100	1M	133
11514550 001	336V-120	1M	133
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11514580 001	336V-200	1M	133
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11514640	336i-100V	2M	134
11514650	336i-120V	2M	134
11514030 001	336U-90	1M	134
11514040 001	336U-100	1M	134
11514050 001	336U-120	1M	134
11514060 001	336U-140	1M	134
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11514750 001	336Y-120	1M	135
11514760 001	336Y-140	1M	135
11514770 001	336Y-160	1M	135
11514780 001	336Y-200	1M	135
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11515030 001	337-90	1M	135
11515035 001	337-90S	1M	135
11515040 001	337-100	1M	135
11515045 001	337-100S	1M	135
11515050 001	337-120	1M	135
11515060 001	337-140	1M	135
11515130	337i-90S	2M	136
11515140	337i-100S	2M	136
11515150	337i-120	2M	136
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11515580 001	338-200	1M	136
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15400508 001	401Z-8	1E	143
15400509 001	401Z-9	1E	143
15400510 001	401Z-10	1E	143
15400511 001	401Z-11	1E	143
15400512 001	401Z-12	1E	143
15400514 001	401Z-14	1E	143
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15400608	401i-8	2E	143
15400609	401i-9	2E	143
15400610	401i-10	2E	143
15400611	401i-11	2E	143
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11604008	402-80	1E	144
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11604014	402-140	1E	144
11604006 001	402Z-60	1E	144
11604008 001	402Z-80	1E	144
11604010 001	402Z-100	1E	144
11604012 001	402Z-120	1E	144
11604014 001	402Z-140	1E	144
11604206	402i-60	2E	144
11604208	402i-80	2E	144
11604210	402i-100	2E	144
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11605008 001	410Z-80	1E	146
11605010 001	410Z-100	1E	146
11605012 001	410Z-120	1E	146
11605014 001	410Z-140	1E	146
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11001010 503	677G	1H	313
11001505 503	678P	1H	314
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11002505 503	679P	1H	314
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10205510 001	683	1B	316
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11204705 503	686	1B	317
10206005 001	687	1B	317
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11205011 001	690 MC SX	3A	318
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11205506 001	694 MC DX	3A	321
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11205511 002	694 MC SX	3A	321
11205511 001	694 MC SX	3A	321
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10203715 002	695 P-3000	3A	322
10203715 001	695 P-3000	3A	322
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11901805 001	706	1D	190
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CONDIZIONI GENERALI DI VENDITA

1. GENERALITÀ

- 1.1 Il presente documento si rivolge ai clienti (di seguito "Clienti") di FRATELLI COMUNELLO SPA (di seguito "FRATELLI COMUNELLO SPA").
- 1.2 Esso intende definire le disposizioni che disciplineranno tutti i contratti d'acquisto stipulati tra FRATELLI COMUNELLO SPA e ciascun Cliente (di seguito "Condizioni Generali di Vendita").
- 1.3 I contratti d'acquisto assoggettati alle Condizioni Generali di Vendita hanno ad oggetto i prodotti con marchio COMUNELLO (di seguito "Prodotti").

2. OFFERTE PREVENTIVI

- 2.1 Le offerte formulate da FRATELLI COMUNELLO SPA ai Clienti conservano efficacia per un periodo massimo di 15 (quindici) giorni dalla data di invio delle stesse.

3. ORDINI

- 3.1 Ai sensi dell'articolo 1329 c.c., gli ordini d'acquisto sottoscritti dai Clienti ed indirizzati a FRATELLI COMUNELLO SPA costituiscono proposta ferma ed irrevocabile per un periodo di 30 (trenta) giorni dalla data della loro ricezione da parte di FRATELLI COMUNELLO SPA.
- 3.2 Il contratto d'acquisto si perfeziona con:
 - a) la conferma scritta dell'ordine d'acquisto da parte di FRATELLI COMUNELLO SPA;
 - b) con l'esecuzione materiale dell'ordine d'acquisto da parte di FRATELLI COMUNELLO SPA.
- 3.3 Qualsiasi modifica o integrazione di singole disposizioni delle Condizioni Generali di Vendita o dell'ordine d'acquisto sono prive di efficacia se non espressamente approvate per iscritto da FRATELLI COMUNELLO SPA. In caso di modifiche all'ordine d'acquisto, FRATELLI COMUNELLO SPA si riserva il diritto di annullare sia le modifiche sia l'ordine d'acquisto originario.
- 3.4 La data di consegna dei Prodotti indicata negli ordini d'acquisto ha sempre e comunque valore esclusivamente indicativo ed eventuali ritardi rispetto a tale termine non costituiranno titolo per richieste risarcitorie o per azione di risoluzione del contratto. In particolare FRATELLI COMUNELLO SPA si riserva la facoltà di prorogare i termini di consegna nonché di annullare l'ordine d'acquisto per cause di forza maggiore o eventi non dipendenti dalla sua volontà; cambiamenti della situazione giuridica del Cliente; difficoltà di approvvigionamenti di materie prime e componenti.

4. CONSEGNA E SPEDIZIONE

- 4.1 I Prodotti vengono consegnati nel luogo di produzione ovvero presso la sede legale di FRATELLI COMUNELLO SPA (di seguito "Consegna").
- 4.2 Nel caso in cui i Prodotti siano consegnati Ex-works Cassola (VI) INCOTERMS 2010, il passaggio del rischio si realizza dal momento della Consegna dei Prodotti da parte di FRATELLI COMUNELLO SPA al Cliente, il quale assume inoltre i costi del trasporto.
- 4.3 Salvo diverso accordo, FRATELLI COMUNELLO SPA stabilisce, in nome e per conto del Cliente, il tipo di spedizione, la via di trasporto e il vettore.
- 4.4 FRATELLI COMUNELLO SPA si riserva la facoltà di effettuare esecuzioni o Consegne parziali degli ordini d'acquisto. Il Cliente non potrà sollevare contestazione alcuna in ordine a consegne frazionate e/o parziali. Tutte le Consegne parziali verranno fatturate autonomamente ed i termini di pagamento decorreranno dalla data di ciascuna fattura. Il pagamento delle Consegne parziali non potrà essere differito all'utilimazione delle Consegne relative all'ordine d'acquisto originario. Anche in caso di consegne parziali, troverà applicazione quanto stabilito dall'articolo 4.1.

5. PREZZI E LISTINI

- 5.1 Per prezzo si intende quello indicato nell'ultimo listino FRATELLI COMUNELLO SPA, per i Prodotti consegnati al Cliente, imballaggio normale compreso, e spese di spedizione escluse (di seguito "Prezzo"). L'ultimo listino emesso da FRATELLI COMUNELLO SPA annulla tutti i listini precedenti.

6. PAGAMENTO

- 6.1 Il pagamento del Prezzo dovrà avvenire entro il termine pattuito. Fatto salvo il maggior danno, il mancato pagamento del Prezzo entro tale termine determinerà la decorrenza di interessi per il ritardo di pagamento nelle transazioni commerciali, nella misura prevista dal D. l.gs. n. 231 del 9.10.2002 e successive modifiche ed integrazioni. Tali interessi decorreranno dalla scadenza del termine di pagamento.
- 6.2 Il Cliente non potrà proporre domande né formulare eccezioni nei confronti di FRATELLI COMUNELLO SPA se non dopo aver provveduto al pagamento del Prezzo.
- 6.3 In caso di irregolarità nei pagamenti, FRATELLI COMUNELLO SPA si riserva il diritto di bloccare tutti gli ordini d'acquisto nonché tutte le Consegne in corso, senza alcun preavviso né diritto di risarcimento di alcun danno.

7. RESI E RECLAMI

- 7.1 Tutti i reclami devono essere formulati per iscritto entro 8 (otto) giorni dalla ricezione dei Prodotti, siano essi relativi alla quantità o alla qualità dei Prodotti consegnati.
- 7.2 I resi dei Prodotti consegnati verranno accettati da FRATELLI COMUNELLO SPA soltanto previo accordo scritto ed esclusivamente con riguardo a Prodotti nuovi e completi di imballaggio originale.
- 7.3 I resi dovranno essere accompagnati dall'apposito documento di trasporto di reso, indicante l'autorizzazione scritta di FRATELLI COMUNELLO SPA nonché la quantità e la qualità dei Prodotti.
- 7.4 I resi non potranno considerarsi accettati da FRATELLI COMUNELLO SPA se non effettuati con le modalità di cui sopra ed in particolare non potrà intendersi quale accettazione di resi la presa in consegna di Prodotti presso la sede o i depositi di FRATELLI COMUNELLO SPA.
- 7.5 Resta inteso che l'accreditato riferito a resi non dovuti a cause imputabili alla FRATELLI COMUNELLO SPA, subirà un deprezzamento del 30%.

8. GARANZIA

- 8.1 La presente garanzia nei rapporti commerciali o in caso di vendita di beni per uso professionale è fornita in ottemperanza dell'articolo 1512 del Codice Civile italiano e, salvo diversi accordi tra le Parti,

- essa è limitata alla riparazione o sostituzione del pezzo del Prodotto riconosciuto da FRATELLI COMUNELLO SPA quale difettoso mediante Prodotti rigenerati equivalenti (di seguito "Garanzia Convenzionale"). Il costo di manodopera necessario per le riparazioni e sostituzioni rimane a carico dell'acquirente.
- 8.2 È esclusa l'applicazione della disciplina dettata dagli articoli 1490-1495 del Codice Civile, in materia di garanzia legale.
 - 8.3 FRATELLI COMUNELLO SPA garantisce il funzionamento dei Prodotti. Salvo diverso accordo, la validità della Garanzia Convenzionale è di 24 (ventiquattro) mesi dalla data di produzione, rilevabile sui Prodotti. Per i motori tubolari linea Showin la garanzia è di 60 (sessanta) mesi dalla data di produzione, mentre per i restanti prodotti della linea Frame Automation la garanzia è di 36 (trentasei) mesi dalla data di produzione. La Garanzia Convenzionale è subordinata al rispetto delle caratteristiche tecniche e alle corrette modalità di installazione secondo la regola dell'arte, sicurezza, manutenzione e conformità d'utilizzo, espressamente indicate nella documentazione tecnica dei Prodotti.
 - 8.4 La garanzia non comprende: avarie o danni causati dal trasporto; avarie o danni causati da vizi dell'impianto elettrico presente presso l'acquirente il prodotto e/o da trascuratezza, negligenza, inadeguatezza, uso anormale di tale impianto; avarie o danni dovuti a manomissioni poste in essere da parte di personale non autorizzato o conseguenti allo scorretto uso/installazione (a questo proposito, si consiglia una manutenzione del sistema almeno ogni sei mesi) o all'impiego di pezzi di ricambio non originali; difetti causati da agenti chimici e/o fenomeni atmosferici. La garanzia non comprende il costo per materiale di consumo né quello per vizi presunti o verifiche di comodo.
 - 8.5 Termini attuativi: salvo diverso accordo, il diritto alla Garanzia Convenzionale si esercita esibendo copia del documento di acquisto (fattura fiscale) a FRATELLI COMUNELLO SPA. Il Cliente deve denunciare il difetto a FRATELLI COMUNELLO SPA entro il termine di decadenza di 30 (trenta) giorni dalla scoperta. L'azione deve essere esercitata entro il termine di prescrizione di 6 (sei) mesi dalla scoperta. I pezzi dei Prodotti per i quali viene richiesta l'attivazione della Garanzia Convenzionale devono essere spediti dal Cliente presso FRATELLI COMUNELLO SPA Via Cassola 64 c.p. 79, 36027 Rosà (VI) Italia.
 - 8.6 Il Cliente non potrà richiedere il risarcimento di danni indiretti, mancati profitti, perdita di produzione ed in ogni caso non potrà pretendere a titolo di risarcimento somme superiori al valore dei componenti o dei Prodotti forniti. Tutte le spese per il trasporto dei Prodotti da riparare o riparati, anche se coperti dalla Garanzia Convenzionale, sono a carico del Cliente.
 - 8.7 Nessun intervento esterno effettuato dal personale tecnico di FRATELLI COMUNELLO SPA è coperto dalla Garanzia Convenzionale.
 - 8.8 Modifiche specifiche delle condizioni della Garanzia Convenzionale qui descritte possono essere definite dalle parti nei propri contratti commerciali.
- ### 9. RIPARAZIONI
- 9.1 Le riparazioni dei Prodotti richieste dal Cliente verranno effettuate da FRATELLI COMUNELLO SPA, previo accordo sul costo dell'intervento. In ogni caso le spese per la manodopera e quelle di spedizione (andata e ritorno) rimarranno a carico del Cliente.
- ### 10. RISERVA DI PROPRIETÀ
- 10.1 Per convenzione espressa, i Prodotti rimangono di proprietà di FRATELLI COMUNELLO SPA fino al saldo integrale del Prezzo da parte del Cliente, indipendentemente da chi abbia la detenzione dei Prodotti. Le spese di trasporto e le altre necessarie al recupero dei Prodotti così come le spese straordinarie e quelle ripetibili, saranno a carico del Cliente.
- ### 11. BREVETTI, MARCHI E SEGNI DISTINTIVI
- 11.1 Il Cliente è a conoscenza del fatto che i Prodotti sono coperti da brevetti e sono oggetto di Know-How e design costituenti proprietà esclusiva di FRATELLI COMUNELLO SPA, a norma del Codice della Proprietà Industriale.
 - 11.2 È fatto espresso divieto al Cliente di violare tali diritti di FRATELLI COMUNELLO SPA ed in ogni caso il Cliente non potrà in alcun modo rimuovere, sopprimere o comunque alterare marchi ed altri segni distintivi o sigle di qualsiasi genere apposti ai Prodotti, così come è fatto divieto di apporne di nuovi di qualsiasi natura. È vietata inoltre qualsiasi forma di riproduzione od utilizzo del marchio FRATELLI COMUNELLO SPA e di ogni altro segno distintivo presente sui Prodotti, salvo autorizzazione scritta di FRATELLI COMUNELLO SPA.
- ### 12. CLAUSOLA RISOLUTIVA ESPRESSA
- 12.1 Ai sensi e per gli effetti dell'articolo 1456 del Codice Civile, il mancato o il ritardato pagamento superiore ai dieci giorni, anche parziale, del Prezzo da parte del Cliente, secondo le modalità di cui all'articolo 6 delle presenti Condizioni Generali di Vendita, comporterà la risoluzione del contratto di acquisto, con diritto per FRATELLI COMUNELLO SPA di chiedere al Cliente il risarcimento dei danni patiti, oltre alla restituzione dei Prodotti rispetto ai quali il Cliente non abbia pagato il Prezzo.
 - 12.2 La comunicazione di cui al punto precedente sarà trasmessa tramite raccomandata a.r. o tramite Pec.
- ### 13. ACCORDI TRA LE PARTI
- 13.1 In caso di accordi, preesistenti o sopravvenuti, tra FRATELLI COMUNELLO SPA ed il Cliente, in relazione a resi e modalità di pagamento, tali accordi prevarranno su quanto a riguardo stabilito dalle Condizioni Generali di Vendita.
- ### 14. LEGGE APPLICABILE E FORO COMPETENTE
- 14.1 I contratti di acquisto conclusi secondo le Condizioni Generali di Vendita sono soggetti e devono essere interpretati secondo le norme di legge italiane, con esclusione di qualsiasi altro diritto.
 - 14.2 Tutte le controversie che dovessero sorgere in merito ai suddetti contratti d'acquisto saranno assoggettate alla giurisdizione italiana e rimesse alla competenza esclusiva del Tribunale di Vicenza (Italia). Il contenuto di questo catalogo è da ritenersi suscettibile di modifica in qualsiasi momento e senza obbligo di preavviso da parte di Fratelli Comunello SPA.

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 2010, 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 term price refers to that indicated in the latest FRATELLI COMUNELLO SPA price list, for the Products delivered to the Customer, normal packaging included, shipping costs excluded (hereinafter referred to as the "Price"). The latest price list issued by FRATELLI COMUNELLO SPA invalidates all previous price lists.

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

- "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 inthe 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-authorised 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.

NOTES



L'azienda è attenta al rispetto dell'ambiente e a tutte le tematiche inerenti la sicurezza sul lavoro e la tutela della salute di tutti i suoi lavoratori. Inoltre, per una maggiore garanzia e controllo della qualità del prodotto, l'Azienda gestisce un sistema di gestione conforme alle norme UNI EN ISO 9001:2008 certificato dal TÜV SÜD / *The Company takes its environmental responsibilities seriously and is committed to respecting Health and Safety laws so as to provide a safe working environment for its employees. Furthermore, in order to provide a further guarantee and greater control over the quality of the products, the Company uses a management system in line with UNI EN ISO 9001:2008 standards as certified by TÜV SÜD.*



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JOB10244 Rev.00 (01/2015)

Concept and design: Caseley Giovana Srl

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