



$$L_t = (L - 2X_a + 27) / 2$$

$$L_v = L_t - 30$$

$$P = L - 2X_a - Z - L_t$$



ITALIAN INNOVATIVE GLASS FIXING



## 04. SISTEMI PER PORTE SCORREVOLI, IMPACCHETTAMENTO E AUTOMATICHE

### 04. SYSTEMS FOR SLIDING DOORS, FOLDING DOORS AND AUTOMATIC DOORS

## INNOVAZIONE E DESIGN PER TRASFORMARE IL VETRO.

MGT Industries può contare su 4 divisioni specializzate per progettare, realizzare e commercializzare soluzioni evolute per il vetro piano.

Una sinergia di marchi che hanno nell'innovazione il loro punto di forza, nella qualità e nel design la vera espressione del Made in Italy, nell'ampia gamma di prodotti la capacità di rispondere ad ogni esigenza.

Con GFS e MAVER firma sistemi di fissaggio e accessori brevettati e made in Italy, con valori di funzionalità ed estetica capaci di anticipare le richieste del mercato. Prodotti in grado di soddisfare idee e progetti di architetti e progettisti. Con precisione ed affidabilità come richiesto da vetrai, serramentisti, contractor, arredatori, cantieri navali e installatori.

Una realtà da sempre volta all'innovazione tecnologica, con una produzione originale e diversificata che nasce negli uffici di MyPro, la divisione Ricerca e Sviluppo.

Ogni singola soluzione è progettata e lavorata per diventare protagonista nel design di mobili, interior design e architetture in vetro. Soluzioni che, dal 2001, nascono a Schio, Vicenza, Italia e che, grazie ad una rete commerciale radicata e competente, esportano il sapere e il design dei nostri marchi in tutto il mondo.

## INNOVATION AND DESIGN TO TRANSFORM GLASS.

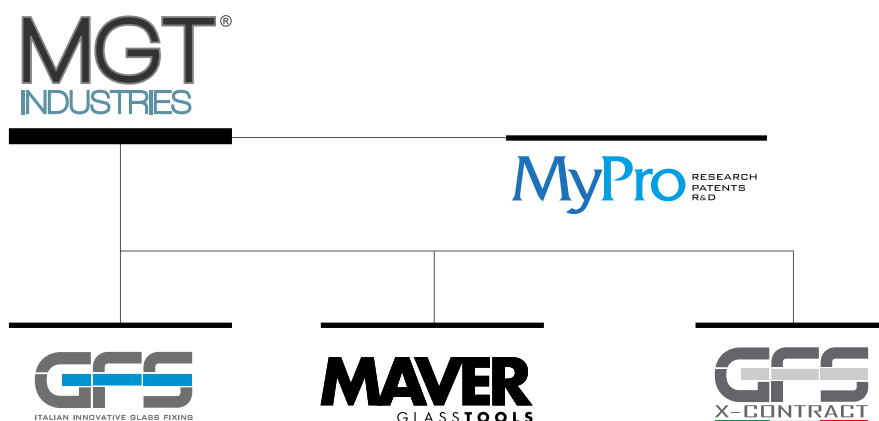
MGT Industries can count on four specialised divisions to design, create and commercialise advanced solutions for flat glass.

A synergy of brands having their strength in innovation, with a quality and design being the authentic expression of Made in Italy. Thanks to its wide range of products it is capable of meeting every need.

Through its brands GFS and MAVER it signs fixing systems and patented accessories Made in Italy which boast values like functionality and aesthetics capable of anticipating the market trends. Its products satisfy the ideas and projects of architects and designers. Its precision and reliability is what glaziers, window and door manufacturers, contractors, interior designers, shipyards and installers require.

MGT is constantly aiming at technological innovation, with an original and diversified production created in the offices of MyPro, its Research and Development department.

Every single solution is designed and processed to become the protagonist in the design of furniture, interior design and glass architectures. Since 2001 these solutions have been created in Schio, Vicenza, Italy. Thanks to a skilled and well-established commercial network, the knowledge and design of our divisions (of our brands) is exported worldwide.



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## **02. ACCESSORI PER PORTE**

## **03. PARAPETTI E SCALE**

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## **05. PROFILI PER PARETI E PARTIZIONI**

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## **01. BOX DOCCIA**

## **02. ACCESSORI PER PORTE**

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## **05. PROFILI PER PARETI E PARTIZIONI**

## **06. MANIGLIONI E POMOLI**

## **07. PENSILINE E FACCIAE PUNTUALI**





## 04. SISTEMI PER PORTE SCORREVOLI, IMPACCHETTAMENTO E AUTOMATICHE

Questo è un capitolo importante ed estremamente tecnico. Nella prima parte si trattano le porte scorrevoli: i sistemi in alluminio con copertina e quelli in acciaio a tubo e a impacchettamento.

Gli scorrevoli in alluminio comprendono i sistemi "Open", "Ghost Pro", "Drywall" specifico controsoffitto, "Brio" con diversi sistemi con ante tuttovetro o intelaiata e "Maxi" per forti spessori e grandi portate.

Gli scorrevoli in acciaio comprendono i sistemi "Sintek/Tritek", barra piena e barra vuota con soluzione per anta in vetro ed anta in legno; "Round 25", design minimal e "Terra" con peso scaricato a pavimento anziché a soffitto.

I sistemi ad impacchettamento sono: "FSG10" ad anta scorrevole singola, "Ride" scorrevole telescopico con guida a terra a tenuta ermetica, "DF-H" sistema ad impacchettamento incernierato per apertura a libro.

Le porte automatiche chiudono il capitolo con il sistema "ViaVai", nuovo e dal design raffinato con estremità arrotondate, estremamente compatto con profilo unico per tutte le portate.

## 04. SYSTEMS FOR SLIDING DOORS, FOLDING DOORS AND AUTOMATIC DOORS

This is a pivotal and extremely technical chapter. The first part deals with aluminium sliding door systems with cover profile, Steel sliding systems with tubular guide rail, and folding systems.

The aluminium systems include the "Open" system; the "Ghost Pro" system; the "Drywall" system for false ceilings; the "Brio" system with its version for frameless or framed doors; "Maxi" for heavy thickness and high capacity.

The steel systems include the "Sintek/Tritek" system with full or empty tubular guide-rail for glass and wooden doors; the "Round 25" system with its minimal design; the "Terra" system allowing to discharge the weight to the ground rather than on the ceiling.

The folding systems include the "FSG10" system; the "Ride" sliding system; the "DF-H" hinged accordion-folding system.

The automatic doors section closes the chapter. The "ViaVai" system with its refined design and rounded edges is extremely compact and has a single profile for all capacities.





## 04.1 SISTEMI PER PORTE SCORREVOLI IN ALLUMINIO

I sistemi scorrevoli in alluminio offrono una larga scala estremamente versatile e ricca di soluzioni: ad anta singola, doppia, sovrapponibile, incassata a soffitto, con o senza fisso, a trascinamento. Soluzioni di installazione per porta tuttovetro e con telaio.

I sistemi "Open", "Brio Standard" e "FR" sono disponibili con o senza doppio ammortizzatore. Gli scorrevoli "Ghost Pro", "Drywall", "Syncro" e "Trascinamento" utilizzano solo il doppio ammortizzatore.

La famiglia "Brio" può avere la vite dei carrelli ad "Innesto Rapido" abbinata al morsetto, che non necessita di eseguire lavorazioni sul vetro, dimezzando così i tempi di fissaggio del morsetto al carrello ed eliminando i costi della lavorazione vetro.

Utilizza anche il nuovo doppio ammortizzatore su ante di piccole dimensioni "MINI".

Le formule per il calcolo delle misure dei vetri fanno riferimento ad applicazioni standard e NON sono da ritenersi vincolanti per tutti i tipi di installazioni, soprattutto dove si possono riscontrare casistiche particolari (come fissaggi su pareti o strutture non particolarmente adatte per il sostegno del sistema).

## 04.1 ALUMINIUM SLIDING DOOR SYSTEMS

A wide and extremely versatile range, aluminium systems offer many solutions: single door, double door, overlapping doors, for embedded ceiling installations, with or without fixed panel, dragging doors. Installations on both all-glass and framed doors are possible.

The "Open", "Brio Standard" and "FR" systems are available with or without double soft-close. "Ghost Pro", "Drywall", "Syncro" and "Dragging" sliding systems are only available with double soft-close.

The "Brio" family is available with the roller carriages screw for "Quick Coupling" matched with the clamp not requiring glass processing. In this way, the fixing time of the clamp on the roller carriage drops and the glass processing costs are removed.

The new "MINI" double soft-close is also available for small-sized doors.

The formulas to calculate the glass dimensions refer to standard applications and they do not have to be considered as binding on all installations, especially in case of particular situations (e.g. fixing on walls or structures not suitable for the support of the system).







## 04.1.1 OPEN

“Open” è uno scorrevole estremamente compatto che può essere utilizzato ad anta singola o doppia con o senza vetri fissi.

Una delle caratteristiche principali è la regolazione dell'altezza dell'anta in vetro che si effettua da sotto, permettendo così l'installazione nel cartongesso.

Anche questo sistema utilizza morsetti che non necessitano di lavorazioni sul vetro.

## 04.1.1 OPEN

The “Open” system is extremely compact and offers solutions for single or double door, with or without fix glass panels.

Its outstanding feature is that the glass door height adjustment is made from the bottom making false-ceiling installations possible.

This system uses clamps not requiring glass processing.



## 04.1 SISTEMI PER PORTE SCORREVOLI IN ALLUMINIO - ALUMINIUM SLIDING DOOR SYSTEMS

### 04.1.1 OPEN

OPEN prevede un profilo scorrevole con attacco frontale, a soffitto e incassato (A-B) e un profilo scorrevole con sede per vetro fisso con attacco a soffitto e incassato (C-D-E).

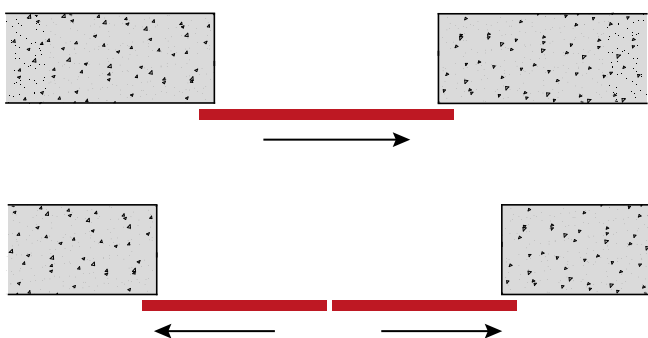
Per vetro da 8÷12,76 mm e portata massima dell'anta di 100 kg.

OPEN includes a sliding profile with frontal fixing, ceiling fixing and built in the false ceiling installations (A-B), and a sliding profile with slot for fix glass with ceiling fixing and built in the false ceiling installation (C-D-E).

#### CONFIGURAZIONI - CONFIGURATION

Attacco frontale, a soffitto e incassato in cartongesso (A-B)

Frontal fixing, ceiling fixing, built in the false ceiling installation (A-B)



#### COMPOSIZIONE - COMPOSITION

Attacco frontale

Frontal fixing

|           |                      |
|-----------|----------------------|
| E07B00101 | 1 pz/1 pcs           |
| E07B00201 | 1 pz/1 pcs           |
| E07B00215 | 1 pz/1 pcs           |
| E07B00401 | 1p z/1 pcs           |
| E07B00505 | 2 pz/2 pcs           |
| E07B01001 | 1 pz/anta/1 pcs/door |

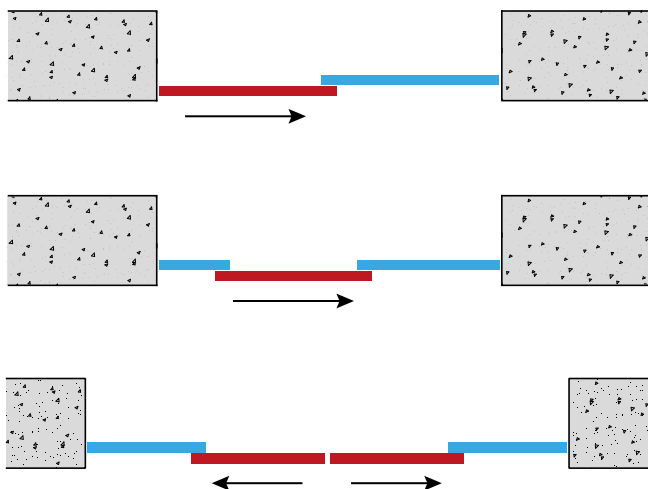
Attacco a soffitto e incassato

Ceiling fixing and built

|           |                                   |
|-----------|-----------------------------------|
| E07B00101 | 1 pz/1 pcs                        |
| E07B00115 | 1 pz (optional) /1 pcs (optional) |
| E07B00401 | 1 pz/1 pcs                        |
| E07B00505 | 2 pz/2 pcs                        |
| E07B01001 | 1 pz/anta/1 pcs/door              |

Attacco a soffitto e incassato in cartongesso (C-D-E)

Ceiling fixing and built in the false ceiling installation (C-D-E)



Attacco a soffitto, incassato + fisso

Ceiling fixing and built + fix glass

|           |                      |
|-----------|----------------------|
| E07B00301 | 1 pz/1 pcs           |
| E07B00311 | 1 pz/1 pcs           |
| E07B00401 | 1 pz/1 pcs           |
| E07B00505 | 2 pz/2 pcs           |
| E07B01001 | 1 pz/anta/1 pcs/door |

## ANTA SCORREVOLE - SLIDING DOOR

Profilo scorrevole preforato per fissaggio a soffitto - in barre da 2-3-4-6 m

Pre-holed sliding profile for ceiling fixing - in bars of 2-3-4-6 mt.



| Cod.      | Finitura           | Finish          |
|-----------|--------------------|-----------------|
| E07B00101 | anodizzato argento | anodized silver |

Coppia di tappi laterali per profilo scorrevole fissaggio a soffitto

Pair of lateral caps for sliding profile with ceiling fixing



| Cod.      | Finitura      | Finish        |
|-----------|---------------|---------------|
| E07B00115 | plastica nera | black plastic |

Profilo compensatore per scorrevole - in barre da 2-3-4-6 m

Compensation profile for sliding door - in bars of 2-3-4-6 mt



| Cod.      | Finitura           | Finish          |
|-----------|--------------------|-----------------|
| E07B00401 | anodizzato argento | anodized silver |



## 04.1 SISTEMI PER PORTE SCORREVOLI IN ALLUMINIO - ALUMINIUM SLIDING DOOR SYSTEMS

### 04.1.1 OPEN

#### ANTA SCORREVOLE - SLIDING DOOR

| Guarnizione                                                                      |  | Gasket |
|----------------------------------------------------------------------------------|--|--------|
|  |  |        |
| Cod.                                                                             |  |        |
| E07B00505                                                                        |  |        |

| Profilo a "L" preforato per fissaggio frontale                                    |         |                    | Pre-holed "L" shaped profile for frontal fixing |                 |
|-----------------------------------------------------------------------------------|---------|--------------------|-------------------------------------------------|-----------------|
|  |         |                    |                                                 |                 |
| Cod.                                                                              | L       | Finitura           | L                                               | Finish          |
| E07B00201                                                                         | 2500 mm | anodizzato argento | 2500 mm                                         | anodized silver |

| Coppia di tappi laterali per profilo a “L” completa di viti per binario            |                                                          | Pair of lateral caps for “L” shaped profile including screws for railing profile |
|------------------------------------------------------------------------------------|----------------------------------------------------------|----------------------------------------------------------------------------------|
|  |                                                          |                                                                                  |
| Cod.                                                                               | Descrizione                                              | Description                                                                      |
| E07B00215                                                                          | Tappi completi di viti per fissaggio fino a 2500 mm      | Caps including fixing screws up to 2500 mm                                       |
| E07B00220                                                                          | Set di viti per profilo maggiore di 2500 mm (cf. 12 pz.) | Set of screws for profile longer than 2500 mm (12 pcs pack)                      |

## ANTA SCORREVOLE CON FISSO - SLIDING DOOR WITH FIX PANEL

Profilo scorrevole preforato con sede per vetro fisso per fissaggio a soffitto in barre da 2-3-4-6 m

Pre-holed sliding profile with fix glass slot with ceiling fixing in bars of 2-3-4-6 mt



| Cod.      | Finitura           | Finish          |
|-----------|--------------------|-----------------|
| E07B00301 | anodizzato argento | anodized silver |

Profilo compensatore per scorrevole

Compensation profile for sliding door



| Cod.      | Finitura           | Finish          |
|-----------|--------------------|-----------------|
| E07B00401 | anodizzato argento | anodized silver |

Guarnizione

Gasket



| Cod.      |  |  |
|-----------|--|--|
| E07B00505 |  |  |

## 04.1 SISTEMI PER PORTE SCORREVOLI IN ALLUMINIO - ALUMINIUM SLIDING DOOR SYSTEMS

### 04.1.1 OPEN

#### ANTA SCORREVOLE CON FISSO - SLIDING DOOR WITH FIX PANEL

Profilo a "U" di chiusura sede del vetro fisso - in barre da 2-3-4-6 m

"U" shaped closing profile for fix glass slot - in bars of 2-3-4-6 mt



| Cod.      | Finitura           | Finish          |
|-----------|--------------------|-----------------|
| E07B00311 | anodizzato argento | anodized silver |

Set di di accessori per anta "Open"

Set of accessories for "Open"



Completo di carrelli, morsetti, stopper, clip e guida a pavimento  
anta minima consigliata 600mm

Door including roller carriages, clamps, stoppers, clips and floor guide  
recommended minimum door width 600mm

| Cod.      | Portata | T          | Finitura           | Capacity | T          | Finish          |
|-----------|---------|------------|--------------------|----------|------------|-----------------|
| E07B01001 | 100 kg  | 8÷12,76 mm | anodizzato argento | 100 kg   | 8÷12.76 mm | anodized silver |

Ammortizzatore singolo più staffa attivatore

Single soft-close with activator bracket

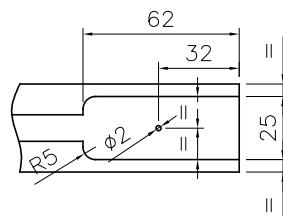


|                             | larghezza anta minima |
|-----------------------------|-----------------------|
| Ammortiz. singolo           | 600 mm                |
| Ammortiz. doppio            | 712 mm                |
| Ammortiz. singolo + fresata | 600 mm                |
| Ammortiz. doppio + fresata  | 780 mm                |
|                             | minimum door width    |
| Single soft-close           | 600 mm                |
| Double s soft-close         | 712 mm                |
| Single soft-close + milling | 600 mm                |
| Doubel soft-close + milling | 780 mm                |

| Cod.      | Portata      | Capacity       |
|-----------|--------------|----------------|
| E07B01010 | da 10÷60 kg  | from 10÷60 kg  |
| E07B01020 | da 61÷100 kg | from 61÷100 kg |

Dima di fresatura di 62 mm (consigliata per installazione con binario in nicchia o controsoffitto)

62 mm milling template (recommended for niche or built in the false ceiling installations)



Cod.  
E07B00600

Tappo di chiusura per fresata da 62 mm

Closing cap for 62 mm milling



Cod.  
E07B00610

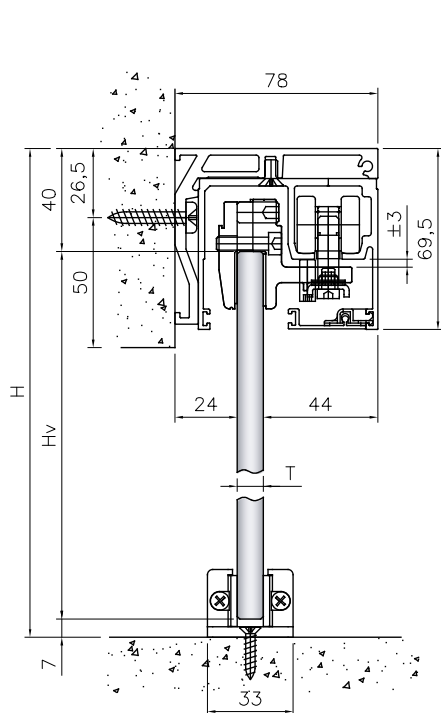
## 04.1 SISTEMI PER PORTE SCORREVOLI IN ALLUMINIO - ALUMINIUM SLIDING DOOR SYSTEMS

### 04.1.1 OPEN

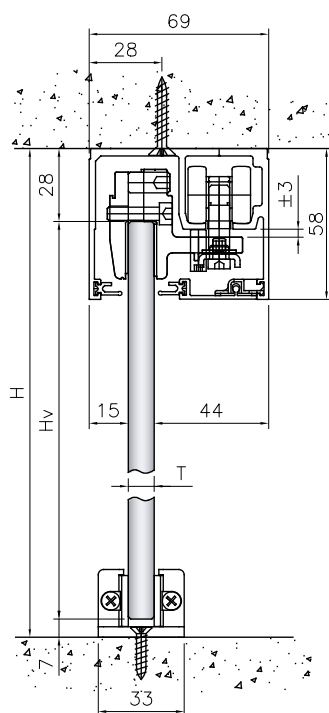
Calcolo della misura dei vetri - Calculation of the glass dimensions

Attacco frontale  
Frontal fixing

Attacco a soffitto  
Ceiling fixing

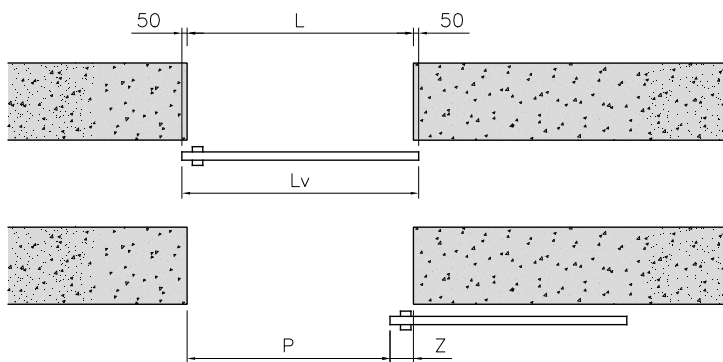


$$H_v = H - 47\text{mm}$$



$$H_v = H - 35\text{mm}$$

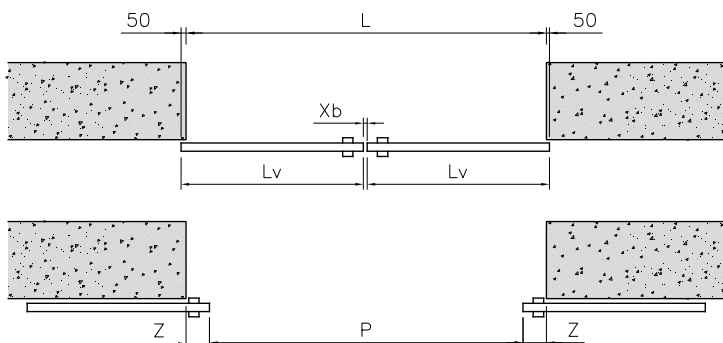
Anta singola con attacco frontale/soffitto - Single door with frontal/ceiling fixing



$$L_v = L + 100$$

$$P = L - Z$$

Anta doppia con attacco frontale/soffitto- Double door with frontal/ceiling fixing

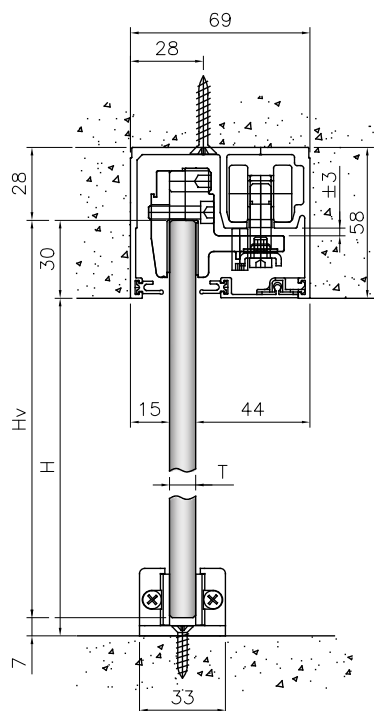


$$L_v = (L - X_b) / 2 + 50$$

$$P = L - 2Z$$



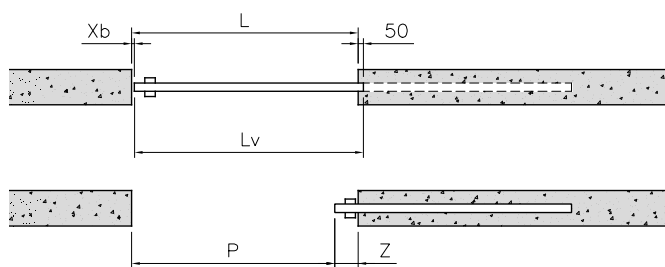
### Attacco incassato a cartongesso - Flush fixing for false ceiling



$$H_v = H + 23\text{mm}$$

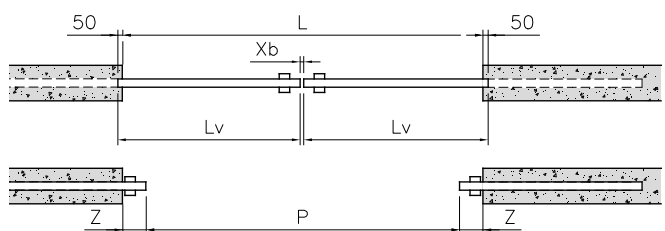
**L** = Larghezza vano  
 Space width  
**P** = Passaggio utile  
 Opening  
**Lv** = Larghezza vetro scorrevole  
 Sliding glass width  
**Lvf** = Larghezza vetro fisso  
 Fix glass width  
**Z** = Ingombro maniglione  
 Handle overall dimensions  
**Xa** = Aria per profilo verticale  
 Space for vertical profile  
**Xb** = Aria per guarnizione  
 Space for gasket

### Anta singola incassata a cartongesso - Single door built in the false ceiling



$$\begin{aligned}
 L_v &= L + 50 - X_b \\
 P &= L - Z - X_b
 \end{aligned}$$

### Anta doppia incassata a cartongesso - Double door built in the false ceiling



$$\begin{aligned}
 L_v &= (L - X_b) / 2 + 50 \\
 P &= L - 2Z
 \end{aligned}$$







## 04.1.2 GHOST-PRO

Ghost-Pro è l'innovativo sistema scorrevole senza profilo superiore con carrello invisibile, solo per attacco frontale per porte in vetro esterno muro.

Un prodotto che integra alla magia del minimalismo architettonico la scorrevolezza di un sistema estremamente fluido e funzionale.

Nella parte alta dell'anta in vetro si potranno vedere le tre borchie di fissaggio alla barra interna, oppure la copertina in finitura anodizzato argento o nero opaco, che andrà a rifinire anche la parte bassa dell'anta.

## 04.1.2 GHOST-PRO

Ghost-Pro is an innovative sliding system without top profile and with invisible roller carriage.

It is only available with frontal fixing for glass doors outside wall. In this product, the magic of architectural minimalism ideally combines with the ease of movement of an extremely fluid and functional system.

On the top of the door you will either see the three studs fastening to the internal profile or the cover in anodized silver or matt black finish matching the lower part of the door.



## 04.1 SISTEMI PER PORTE SCORREVOLI IN ALLUMINIO - ALUMINIUM SLIDING DOOR SYSTEMS

### 04.1.2 GHOST-PRO

#### Caratteristiche tecniche.

Kit completo di borchie e fascia per porta fino a 1150 mm.

Portata massima dell'anta 80 kg.

Spessore vetro 8-10-12 mm.

Larghezza minima anta 600 mm.

#### Technical features.

Kit including studs and continuous clamp for doors up to 1150 mm

Maximum capacity of the door 80 kg.

Glass thickness 8-10-12 mm.

Minimum door width 600 mm.

### CONFIGURAZIONI - CONFIGURATION



### COMPOSIZIONE - COMPOSITION



| Cod.      | Finitura           | Finish          |
|-----------|--------------------|-----------------|
| E18B00001 | anodizzato argento | anodized silver |
| E18B00002 | nero opaco         | matt black      |



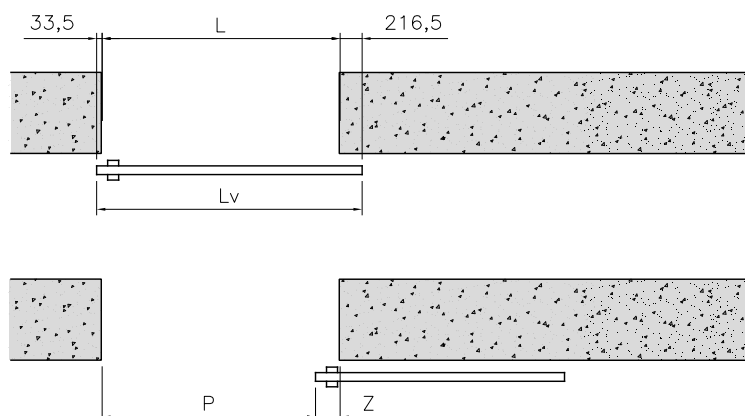


## 04.1 SISTEMI PER PORTE SCORREVOLI IN ALLUMINIO - ALUMINIUM SLIDING DOOR SYSTEMS

### 04.1.2 GHOST-PRO

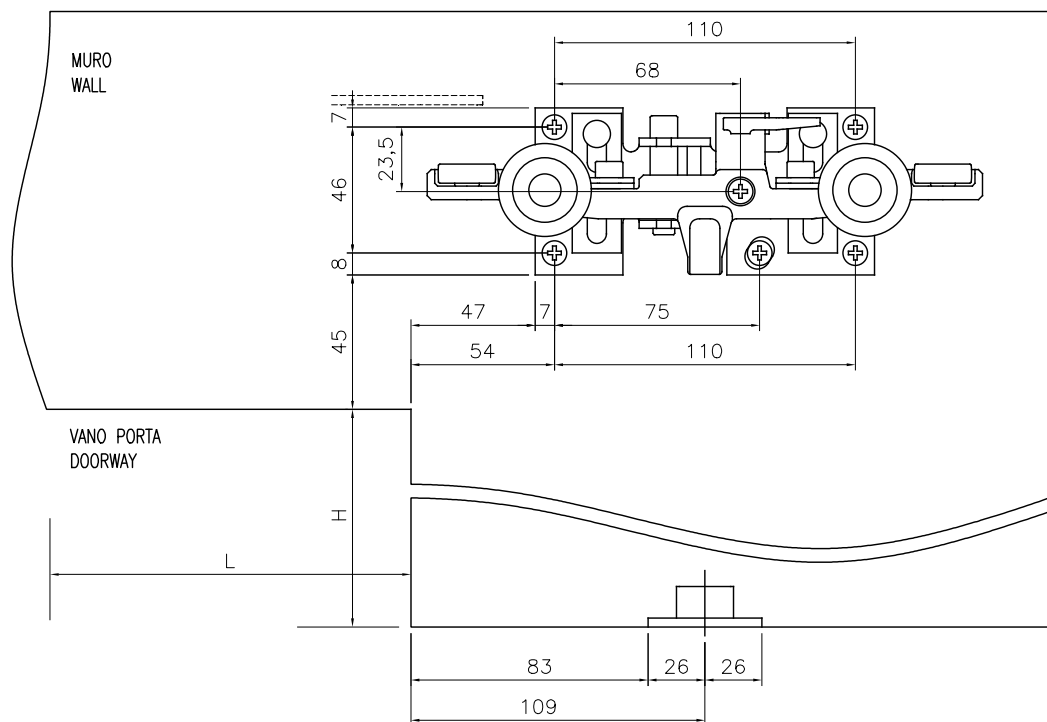
Calcolo della misura dei vetri - Calculation of the glass dimensions

Anta singola attacco frontale - Single door with frontal fixing

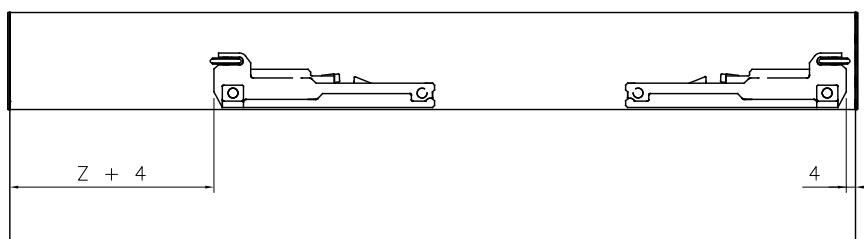


$$L_v = L + 250$$

$$P = L - Z$$



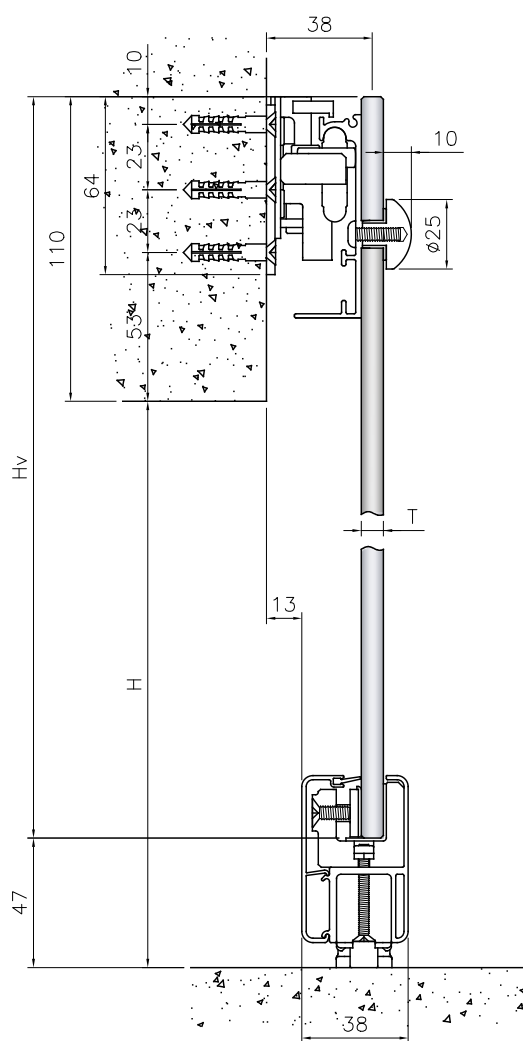
Posizione fermi ammortizzati - Soft-close stops position



L = Larghezza vano  
Space width  
P = Passaggio utile  
Opening  
 $L_v$  = Larghezza vetro scorrevole  
Sliding glass width  
Z = Ingombro maniglione  
Handle overall dimensions

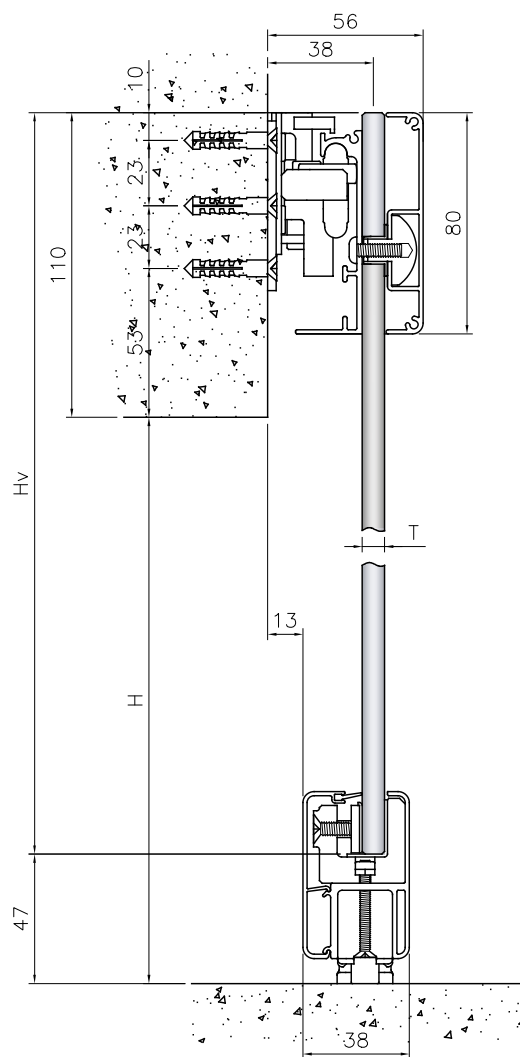
## Vista in sezioni - Sectional view

Attacco frontale con borchie - Frontal fixing with studs



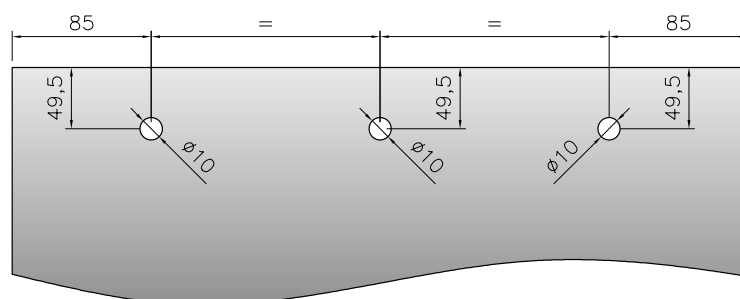
$$H_v = H + 63\text{mm}$$

Attacco frontale con fascione - Frontal fixing with continuous clamp



$$H_v = H + 63\text{mm}$$

Lavorazione su vetro - Glass processing





### 04.1.3 DRYWALL

Montaggio a scomparsa nel controsoffitto.  
Sistema di scorrevoli invisibili integrato nei profili di scorrimento in alluminio, per porte in vetro incassate nel controsoffitto.

Drywall, con sistema di antisganciamento dell'anta in vetro, può essere utilizzato con vetri monolitici e stratificati.

### 04.1.3 DRYWALL

Built in false ceiling.  
Invisible sliding system integrated in the aluminium sliding profiles. Designed for glass doors built in false ceiling.

Drywall has a system of anti-detachment of the glass door and it is suitable for monolithic and laminated glass.



## 04.1 SISTEMI PER PORTE SCORREVOLI IN ALLUMINIO - ALUMINIUM SLIDING DOOR SYSTEMS

### 04.1.3 DRYWALL: CONFIGURAZIONI - DRYWALL: CONFIGURATIONS

Questo sistema è indicato per le installazioni con profilo incassato su cartongesso.

Solo attacco a soffitto/frontale (optional).

Portata massima dell'anta in vetro 80 kg.

Spessore vetro da 8÷12,76 mm.

Larghezza minima anta 600 mm.

This system is recommended for installations with profile built in the false ceiling/frontal fixing (optional).

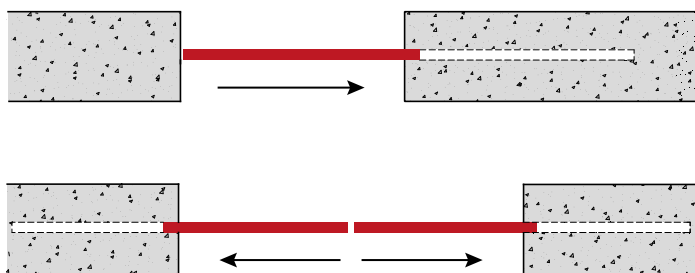
Only available with ceiling fixing.

Maximum capacity of the glass door 80 kg.

Glass thickness from 8 to 12.76 mm

Minimum door width 600 mm.

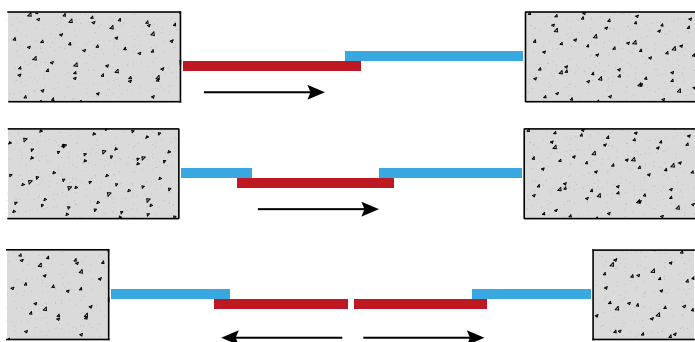
#### CONFIGURAZIONI - CONFIGURATION



#### COMPOSIZIONE - COMPOSITION

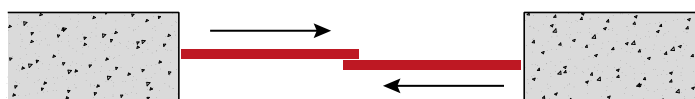
Attacco incassato  
Recessed fixing

|                  |                                  |
|------------------|----------------------------------|
| <b>E17D00101</b> | 1 pz/1 pcs                       |
| <b>E17D00401</b> | 1 pz/1 pcs                       |
| <b>E17D00601</b> | 1 pz (optional)/1 pcs (optional) |
| <b>E17D10100</b> | 1 pz/anta/1 pcs/door             |



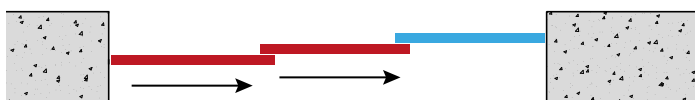
Attacco incassato + fisso  
Recessed fixing + fix glass panel

|                        |                                  |
|------------------------|----------------------------------|
| <b>E17D00201</b>       | 1 pz/1 pcs                       |
| <b>E17D00401</b>       | 1 pz/1 pcs                       |
| <b>E17D00501</b>       | 1 pz/1 pcs                       |
| <b>E17D00601</b>       | 1 pz (optional)/1 pcs (optional) |
| <b>P01T00023/22/21</b> | 2 pz/2 pcs                       |
| <b>E17D10100</b>       | 1 pz/anta/1 pcs/door             |



Attacco incassato sovrapponibile  
Overlapped recessed fixing

|                  |                                  |
|------------------|----------------------------------|
| <b>E17D01101</b> | 1 pz/1 pcs                       |
| <b>E17D00601</b> | 1 pz (optional)/1 pcs (optional) |
| <b>E17D01400</b> | 1 pz/1 pcs                       |
| <b>E17D10100</b> | 1 pz/anta/1 pcs/door             |



Attacco incassato sovrapponibile + fisso  
Overlapped recessed fixing + fix glass panel

|                        |                      |
|------------------------|----------------------|
| <b>E17D01201</b>       | 1 pz/1 pcs           |
| <b>E17D00501</b>       | 1 pz/1 pcs           |
| <b>E17D00601</b>       | 1 pz/1 pcs           |
| <b>P01T00023/22/21</b> | 2 pz/2 pcs           |
| <b>E17D01400</b>       | 1 pz/1 pcs           |
| <b>E17D10100</b>       | 1 pz/anta/1 pcs/door |



Profilo scorrevole anta singola

Sliding profile for single door



**Cod.**  
**E17D00101**

**Finitura**  
anodizzato argento

**Finish**  
anodized silver

Profilo scorrevole anta singola con sede per vetro fisso

Sliding profile for single door with fix glass slot



**Cod.**  
**E17D00201**

**Finitura**  
anodizzato argento

**Finish**  
anodized silver

Guarnizione trasparente per sede vetro fisso

Transparent gasket for fix glass slot



**Cod.**  
**P01T00023**  
**P01T00022**  
**P01T00021**

**Spessore vetro**  
da 8 a 8,76 mm  
da 10 a 10,76 mm  
da 12 a 12,76 mm

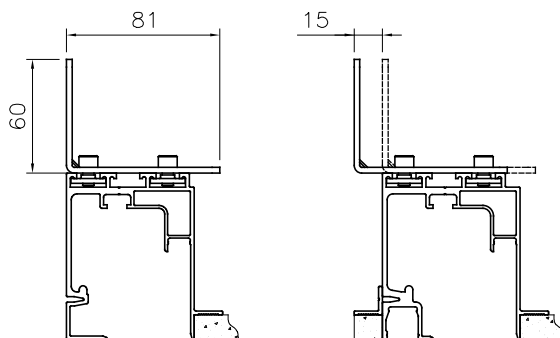
**Glass thickness**  
from 8 to 8.76 mm  
from 10 to 10.76 mm  
from 12 to 12.76 mm

## 04.1 SISTEMI PER PORTE SCORREVOLI IN ALLUMINIO - ALUMINIUM SLIDING DOOR SYSTEMS

### 04.1.3 DRYWALL

Staffa a "L" per fissaggio frontale per profilo scorrevole anta singola

"L" shaped bracket for frontal fixing for single door sliding profile



Cod.  
E17D00300

Profilo compensatore per scorrevole anta singola e anta singola con sede per fisso

Compensation profile for single sliding door and single door with slot for fix glass



Cod.  
E17D00401

Finitura  
anodizzato argento

Finish  
anodized silver

Profilo ad "U" di chiusura sede per vetro fisso

"U" shaped closing profile for fix glass slot



Cod.  
E17D00501

Finitura  
anodizzato argento

Finish  
anodized silver

Profilo laterale ad "L" per appoggio su cartongesso

Lateral "L" shaped profile for false ceiling application



| Cod.      | Finitura           | Finish          |
|-----------|--------------------|-----------------|
| E17D00601 | anodizzato argento | anodized silver |

Profilo scorrevole anta doppia

Double door sliding profile



| Cod.      | Finitura           | Finish          |
|-----------|--------------------|-----------------|
| E17D01101 | anodizzato argento | anodized silver |

Profilo scorrevole anta doppia con sede per vetro fisso

Double door sliding profile with fix glass slot



| Cod.      |  |  |
|-----------|--|--|
| E17D01201 |  |  |

## 04.1 SISTEMI PER PORTE SCORREVOLI IN ALLUMINIO - ALUMINIUM SLIDING DOOR SYSTEMS

### 04.1.3 DRYWALL

Guarnizione trasparente per sede vetro fisso

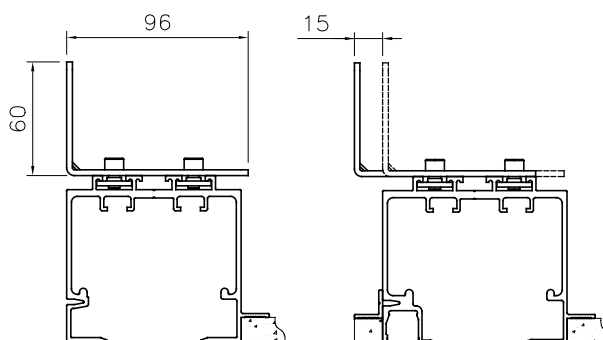
Transparent gasket for fix glass slot



| Cod.      | Spessore vetro   | Glass thickness     |
|-----------|------------------|---------------------|
| P01T00023 | da 8 a 8,76 mm   | from 8 to 8.76 mm   |
| P01T00022 | da 10 a 10,76 mm | from 10 to 10.76 mm |
| P01T00021 | da 12 a 12,76 mm | from 12 to 12.76 mm |

Staffa a "L" per fissaggio frontale per profilo scorrevole anta doppia

"L" shaped bracket for frontal fixing of the double door sliding profile



| Cod.      |  |  |
|-----------|--|--|
| E17D01300 |  |  |

Profilo ad "U" di chiusura sede per vetro fisso

"U" shaped closing profile for fix glass slot



| Cod.      | Finitura           | Finish          |
|-----------|--------------------|-----------------|
| E17D00501 | anodizzato argento | anodized silver |

Profilo laterale ad "L" per appoggio su cartongesso

Lateral "L" shaped profile for false ceiling application



**Cod.**  
**E17D00601**

**Finitura**  
anodizzato argento

**Finish**  
anodized silver

Set profili antiscarrucolamento completo di viti per profilo scorrevole ante sovrapponibili

Set of anti-fleeting profiles including screws for sliding profile with overlapping doors



**Cod.**  
**E17D01400**

**L**  
1500 mm

**L**  
1500 mm

Set accessori per anta ammortizzata (anta minima consigliata 600 mm)

Set of accessories for door with soft close (recommended minimum door width 600 mm)



**Cod.**  
**E17D10100**

**Portata**  
80 kg

**Spessore vetro**  
8÷8,76 mm  
10÷10,76 mm  
12÷12,76 mm

**Capacity**  
80 kg

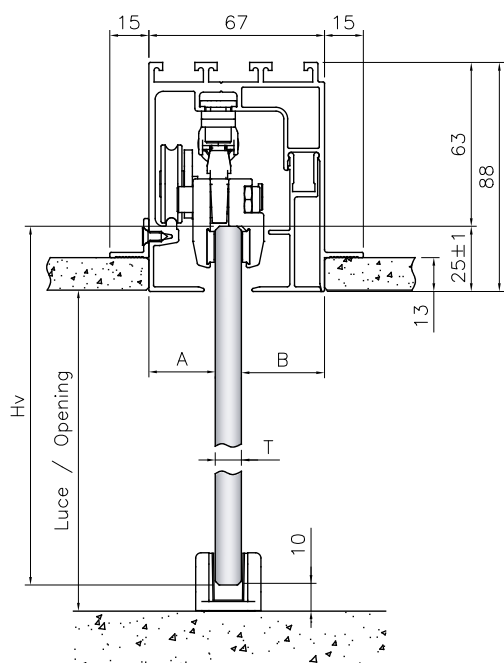
**Glass thickness**  
8÷8.76 mm  
10÷10.76 mm  
12÷12.76 mm

## 04.1 SISTEMI PER PORTE SCORREVOLI IN ALLUMINIO - ALUMINIUM SLIDING DOOR SYSTEMS

### 04.1.3 DRYWALL

Calcolo della misura dei vetri - Calculaton of glass dimensions

Anta singola - Single door

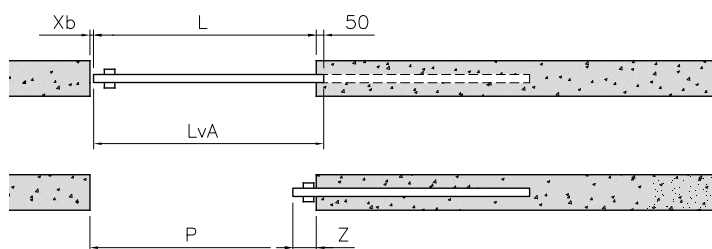


con T 8mm, A = 26, B = 33  
con T 10mm, A = 25, B = 32  
con T 12mm, A = 24, B = 31

Hv = Luce + 15mm

L = Larghezza vano  
Space width  
P = Passaggio utile  
Opening  
LvA = Larghezza vetro scorrevole "A"  
Sliding glass width "A"  
LvC = Larghezza vetro scorrevole "C"  
Sliding glass width "C"  
LvF = Larghezza vetro fisso  
Fix glass width  
Z = Ingombro maniglione  
Handle overall dimensions  
Xa = Aria per profilo verticale  
Vertical profile space  
Xb = Aria per guarnizione  
Gasket space

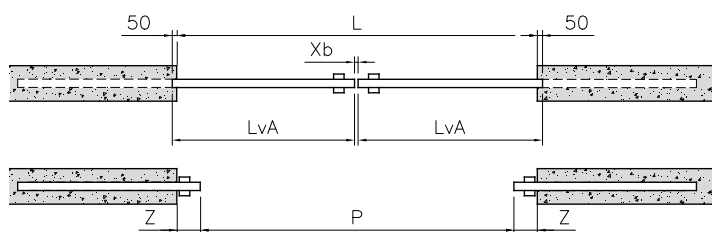
Anta singola - Single door



$$LvA = L + 50 - Xb$$

$$P = L - Z - Xb$$

Anta doppia- Double door



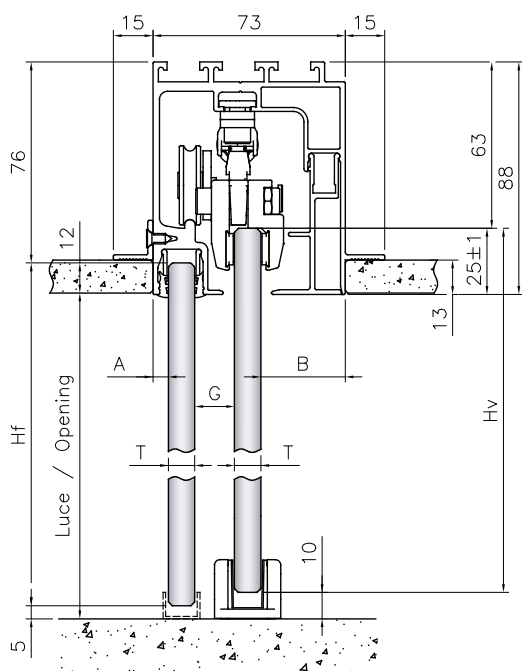
$$LvA = (L - Xb) / 2 + 50$$

$$P = L - 2Z$$



## Vista in sezioni - Sectional view

### Anta singola con fisso - Single door with fix glass

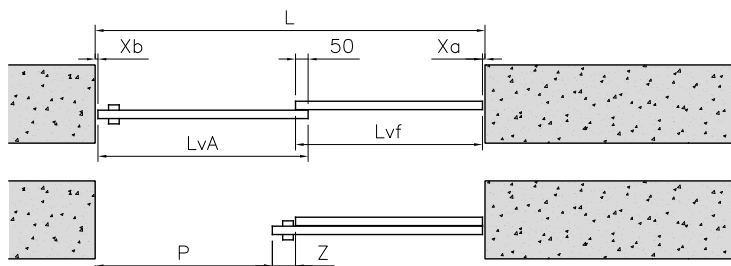


con T 8mm, A = 7, B = 33, G = 17  
con T 10mm, A = 6, B = 32, G = 15  
con T 12mm, A = 5, B = 31, G = 13

Hv = Luce + 15mm

Hf = Luce + 7mm

### Anta singola con fisso - Single door with one fix glass

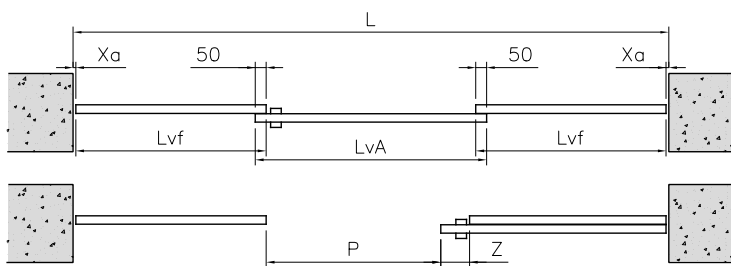


$$LvF = (L - Xa - Xb - Z + 50) / 2$$

$$LvA = LvF + Z$$

$$P = L - Xa - Xb - LvA$$

### Anta singola più fissi - Single door with more fix glass panels

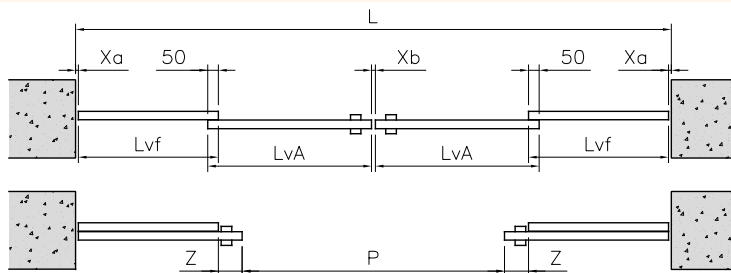


$$LvF = (L - 2Xa - Z + 100) / 3$$

$$LvA = LvF + Z$$

$$P = L - 2Xa - LvA - LvF$$

### Anta doppia più fissi - Double door with fix glass



$$LvF = (L - 2Xa - Xb - 2Z + 100) / 4$$

$$LvA = LvF + Z$$

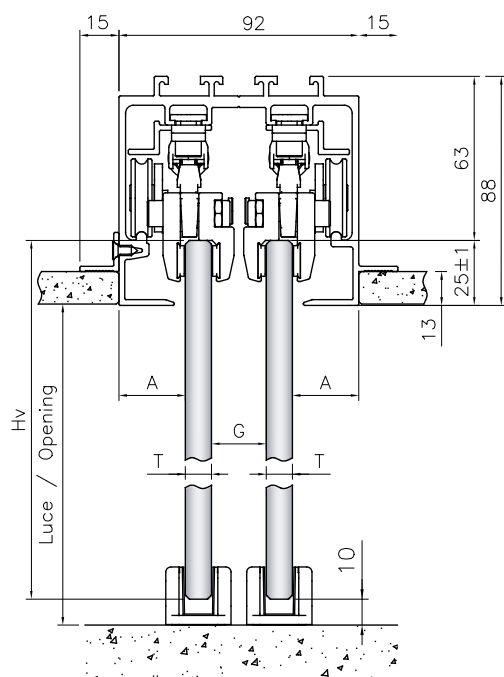
$$P = L - 2Xa - 2LvA$$

## 04.1 SISTEMI PER PORTE SCORREVOLI IN ALLUMINIO - ALUMINIUM SLIDING DOOR SYSTEMS

### 04.1.3 DRYWALL

Calcolo della misura dei vetri - Calculation of glass dimensions

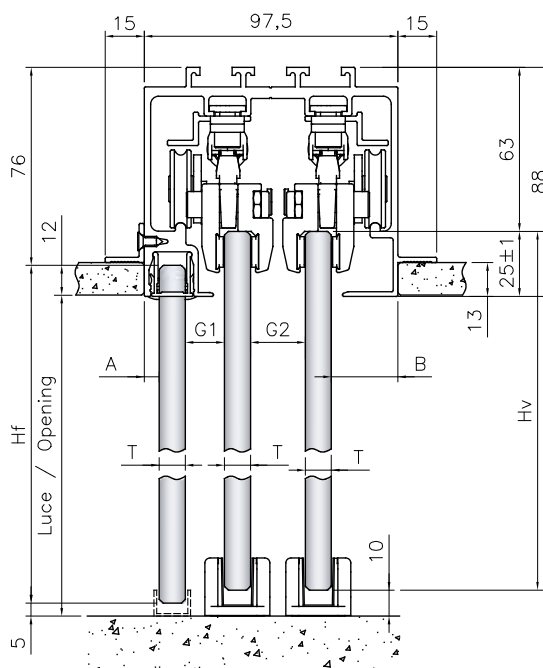
Anta doppia - Double door



con T 8mm, A = 26, G = 23  
con T 10mm, A = 25, G = 21  
con T 12mm, A = 24, G = 19

$H_v = \text{Luce} + 15\text{mm}$

Anta doppia più fisso - Double door with fix glass

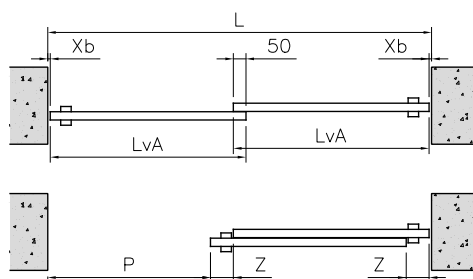


con T 8mm, A = 7, G1 = 17, G2 = 23, B = 26  
con T 10mm, A = 6, G1 = 15, G2 = 21, B = 25  
con T 12mm, A = 5, G1 = 13, G2 = 19, B = 24

$H_v = \text{Luce} + 15\text{mm}$

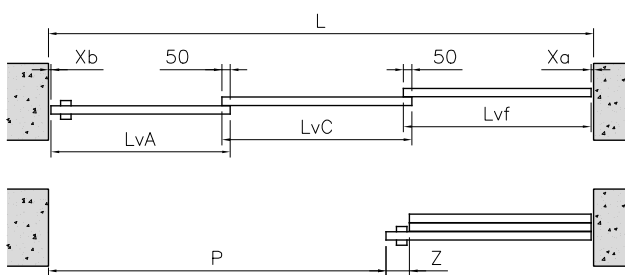
$H_f = \text{Luce} + 7\text{mm}$

Anta doppia sovrapponibile - Overlapping double door



$LvA = (L - 2Xb + 50) / 2$   
 $P = L - 2Xb - LvA - Z$

Anta doppia sovrapponibile più fisso - Overlapping double door with fix glass



$LvC = (L - Xa - Xb + (50 \times 2) - Z) / 3$   
 $LvA = LvC + Z$   
 $LvF = L - Xa - Xb - LvA - LvC + (50 \times 2)$   
 $P = L - Xa - Xb - LvA$

L = Larghezza vano

Space width

P = Passaggio utile

Opening

LvA = Larghezza vetro scorrevole "A"

Sliding glass width "A"

LvC = Larghezza vetro scorrevole "C"

Sliding glass width "C"

LvF = Larghezza vetro fisso

Fix glass width

Z = Ingombro maniglione

Handle overall dimensions

Xa = Aria per profilo verticale

Vertical profile space

Xb = Aria per guarnizione

Gasket space





## 04.1.4 SERIE "BRIO"

Gli scorrevoli "Brio" sono dotati di una nuova tecnologia, che permette al movimento di risultare estremamente morbido, in apertura e in chiusura, per uno scorrimento confortevole.

La famiglia "Brio" si suddivide in:

- "Standard" con e senza lavorazioni su vetro;
- "Synchro" per porte in vetro con apertura simultanea;
- "Trascinamento";
- "FR" per ante in vetro con telaio.

Finiture disponibili su tutta la famiglia: anodizzato argento, simil inox e nero opaco.

## 04.1.4 "BRIO" SERIES

The "Brio" sliding system is equipped with a new technology allowing an extremely soft movement when opening and closing the door for a really comfortable sliding.

The "Brio" family is divided as follows:

- "Standard" with and without glass processing;
- "Synchro" for glass doors with simultaneous opening;
- "Dragging";
- "FR" for framed glass doors.

Available finishes for all models: anodized silver, similar stainless steel and matt black.





## 04.1 SISTEMI PER PORTE SCORREVOLI IN ALLUMINIO - ALUMINIUM SLIDING DOOR SYSTEMS

### 04.1.4.1 BRIO STANDARD

Tutte le configurazioni del profilo "Brio Standard" prevedono l'attacco frontale e a soffitto.

Anta singola e doppia, con fissi e ante sovrapponibili.

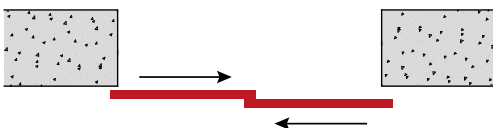
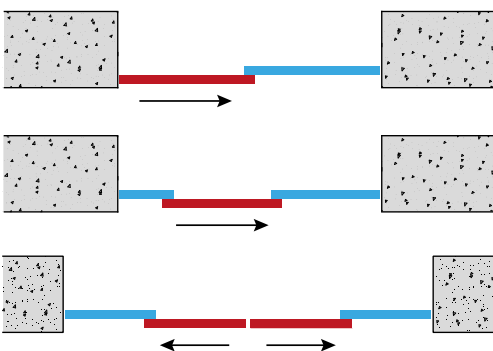
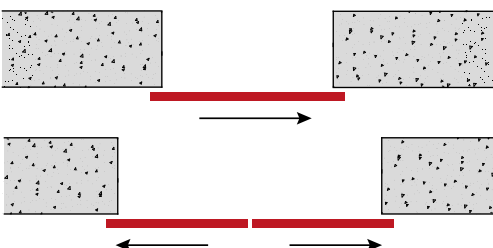
Per vetro da 8÷12,76 mm e portata massima dell'anta di 120 kg.

Larghezza minima consigliata 600 mm.

All configurations of "Brio Standard" profile have frontal and ceiling fixing. Single and double door, fix glass panels and overlapped doors are available. This system is suitable for glass from 8÷12.76 mm and max. door weight of 120 kg.

Recommended minimum width 600 mm.

### CONFIGURAZIONI - CONFIGURATION



### COMPOSIZIONE - COMPOSITION

| Morsetto standard<br>Standard clamp |                      | Morsetto innesto rapido<br>Quick-coupling clamp |                       |
|-------------------------------------|----------------------|-------------------------------------------------|-----------------------|
| Attacco frontale - Frontal fixing   |                      |                                                 |                       |
| E17A00001                           | 1 pz/1 pcs           | E17A00001                                       | 1 pz/1 pcs            |
| E17A00002                           | 1 pz/1 pcs           | E17A00002                                       | 1 pz/1 pcs            |
| E17A00007                           | 1 pz/1 pcs           | E17A00008                                       | 1 pz/1 pcs            |
| E17A10009                           | 1 cp/1 pair          | E17A00023                                       | 1 cp/1 pair           |
| E17R00001-2                         | 2 pz/anta/2 pcs/door | E17A10024-25-40                                 | 1 cp/anta/1 pair/door |
| E17A00048÷51                        | 1 pz/anta/1 pcs/door | E17A00053÷56                                    | 1 pz/anta/1 pcs/door  |
| Attacco a soffitto - Ceiling fixing |                      |                                                 |                       |
| E17A00003                           | 1 pz/1 pcs           | E17A00003                                       | 1 pz/1 pcs            |
| E17A00007                           | 2 pz/ 2pcs           | E17A00008                                       | 2 pz/2 pcs            |
| E17A00016                           | 1 cp/1 pair          | E17A00024-25-40                                 | 1 cp/anta/1 pair/door |
| E17R00001-2                         | 2 pz/anta/2 pcs/door | E17A00053÷56                                    | 1 pz/anta/1 pcs/door  |
| E17A00048÷51                        | 1 pz/anta/1 pcs/door |                                                 |                       |

| Morsetto standard<br>Standard clamp                                    |                      | Morsetto innesto rapido<br>Quick-coupling clamp |                       |
|------------------------------------------------------------------------|----------------------|-------------------------------------------------|-----------------------|
| Attacco frontale/soffitto + fisso - Frontal/ceiling fixing + fix panel |                      |                                                 |                       |
| E17A00004                                                              | 1 pz/1 pcs           | E17A00004                                       | 1 pz/1 pcs            |
| E17A00005                                                              | 1 pz/1 pcs           | E17A00005                                       | 1 pz/1 pcs            |
| P01T00021 (solo 8 mm)                                                  | 1 pz/1 pcs           | P01T00021 (solo 8 mm)                           | 1 pz/1 pcs            |
| E17A00008                                                              | 1 pz/1 pcs           | E17A00008                                       | 1 pz/1 pcs            |
| E17A00026                                                              | 1 cp/1 pair          | E17A00024-25-40                                 | 1 cp/anta/1 pair/door |
| E07R00001-2                                                            | 2 pz/anta/2 pcs/door | E17A00053÷56                                    | 1 pz/anta/1 pcs/door  |
| E17A00048÷51                                                           | 1 pz/anta/1 pcs/door |                                                 |                       |

| Morsetto standard<br>Standard clamp                           |                      | Morsetto innesto rapido<br>Quick-coupling clamp |                       |
|---------------------------------------------------------------|----------------------|-------------------------------------------------|-----------------------|
| Attacco a soffitto sovrapponibile - Overlapped ceiling fixing |                      |                                                 |                       |
| E17A00003                                                     | 2 pz/2 pcs           | E17A00003                                       | 2 pz/2 pcs            |
| E17A00007                                                     | 2 pz/2 pcs           | E17A00008                                       | 2 pz/2 pcs            |
| E17R00001-2                                                   | 2 pz/anta/2 pcs/door | E17A00024-25-40                                 | 1 cp/anta/1 pair/door |
| E17A00048÷51                                                  | 1 pz/anta/1 pcs/door | E17A00053÷56                                    | 1 pz/anta/1 pcs/door  |

## PROFILI - PROFILES

Profilo per fissaggio frontale in barre da 2-3-4-6 m

Profile for frontal fixing in bars of 2-3-4-6 mt



| Cod.        | Finitura           | Finish                  |
|-------------|--------------------|-------------------------|
| E17A00001   | anodizzato argento | anodized silver         |
| E17A00001.L | simil inox         | similar stainless steel |
| E17A00001.N | nero opaco         | matt black              |

Profilo scorrevole per fissaggio frontale

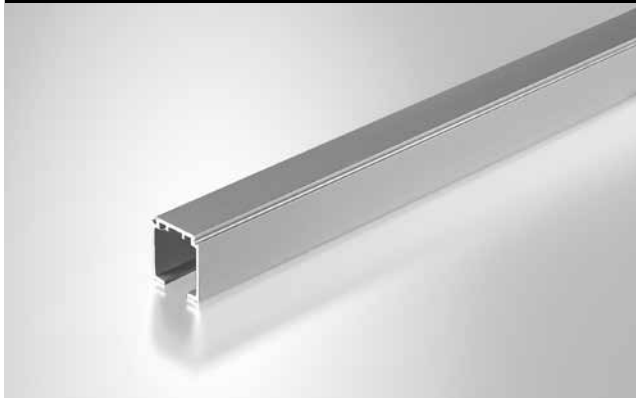
Sliding profile for frontal fixing



| Cod.        | Finitura           | Finish                  |
|-------------|--------------------|-------------------------|
| E17A00002   | anodizzato argento | anodized silver         |
| E17A00002.L | simil inox         | similar stainless steel |
| E17A00002.N | nero opaco         | matt black              |

Profilo scorrevole per fissaggio a soffitto

Sliding profile for ceiling fixing



| Cod.        | Finitura           | Finish                  |
|-------------|--------------------|-------------------------|
| E17A00003   | anodizzato argento | anodized silver         |
| E17A00003.L | simil inox         | similar stainless steel |
| E17A00003.N | nero opaco         | matt black              |



## 04.1 SISTEMI PER PORTE SCORREVOLI IN ALLUMINIO - ALUMINIUM SLIDING DOOR SYSTEMS

### 04.1.4.1 BRIO STANDARD

Profilo scorrevole con sede per vetro fisso

Sliding profile with slot for fix glass



| Cod.        | Finitura           | Finish                  |
|-------------|--------------------|-------------------------|
| E17A00004   | anodizzato argento | anodized silver         |
| E17A00004.L | simil inox         | similar stainless steel |
| E17A00004.N | nero opaco         | matt black              |

Guarnizione per appoggio e copertura

Support and cover gasket



| Cod.      | Finitura | Finish |
|-----------|----------|--------|
| E17A00005 | grigia   | grey   |

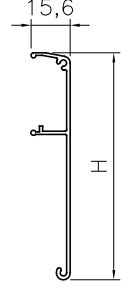
Guarnizione trasparente per vetro fisso spessore 8-8,76 mm

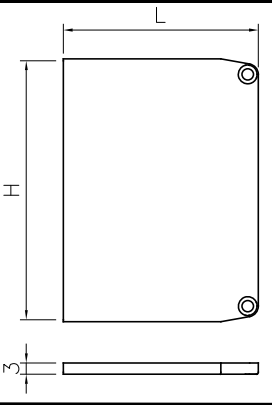
Transparent gasket for 8-8.76 mm thick fix glass



| Cod.      | Finitura    | Finish      |
|-----------|-------------|-------------|
| P01T00021 | trasparente | transparent |

## PROFILI - PROFILES

| Copertine                                                                        |                    |    | Covers                                                                              |    |
|----------------------------------------------------------------------------------|--------------------|----|-------------------------------------------------------------------------------------|----|
|  |                    |    |  |    |
| Cod.                                                                             | Finitura           | H  | Finish                                                                              | H  |
| E17A00007                                                                        | anodizzato argento | 68 | anodized silver                                                                     | 68 |
| E17A00008                                                                        | anodizzato argento | 90 | anodized silver                                                                     | 90 |
| E17A00008.L                                                                      | simil inox         | 90 | similar stainless steel                                                             | 90 |
| E17A00008.N                                                                      | nero opaco         | 90 | matt black                                                                          | 90 |

| Tappi laterali per copertine                                                      |  |  | Lateral caps for covers                                                             |  |
|-----------------------------------------------------------------------------------|--|--|-------------------------------------------------------------------------------------|--|
|  |  |  |  |  |

| Per fissaggio frontale |         |         |                    | For frontal fixing |         |                         |
|------------------------|---------|---------|--------------------|--------------------|---------|-------------------------|
| Cod.                   | H       | L       | Finitura           | H                  | L       | Finish                  |
| E17A00009              | 69,5 mm | 51,6 mm | anodizzato argento | 69.5 mm            | 51.6 mm | anodized silver         |
| E17A00009.L            | 69,5 mm | 51,6 mm | simil inox         | 69.5 mm            | 51.6 mm | similar stainless steel |
| E17A00009.33           | 69,5 mm | 51,6 mm | nero opaco         | 69.5 mm            | 51.6 mm | matt black              |

| Per fissaggio a soffitto |         |       |                    | For ceiling fixing |       |                         |
|--------------------------|---------|-------|--------------------|--------------------|-------|-------------------------|
| Cod.                     | H       | L     | Finitura           | H                  | L     | Finish                  |
| E17A00016                | 69,5 mm | 45 mm | anodizzato argento | 69.5 mm            | 45 mm | anodized silver         |
| E17A00016.L              | 69,5 mm | 45 mm | simil inox         | 69.5 mm            | 45 mm | similar stainless steel |
| E17A00016.33             | 69,5 mm | 45 mm | nero opaco         | 69.5 mm            | 45 mm | matt black              |

| Per fissaggio frontale |       |         |                    | For frontal fixing |         |                         |
|------------------------|-------|---------|--------------------|--------------------|---------|-------------------------|
| Cod.                   | H     | L       | Finitura           | H                  | L       | Finish                  |
| E17A00023              | 91 mm | 51,6 mm | anodizzato argento | 91 mm              | 51.6 mm | anodized silver         |
| E17A00023.L            | 91 mm | 51,6 mm | simil inox         | 91 mm              | 51.6 mm | similar stainless steel |
| E17A00023.33           | 91 mm | 51,6 mm | nero opaco         | 91 mm              | 51.6 mm | matt black              |

| Per guida con fisso |       |       |                    | For guide with fix glass |       |                         |
|---------------------|-------|-------|--------------------|--------------------------|-------|-------------------------|
| Cod.                | H     | L     | Finitura           | H                        | L     | Finish                  |
| E17A00026           | 91 mm | 71 mm | anodizzato argento | 91 mm                    | 71 mm | anodized silver         |
| E17A00026.L         | 91 mm | 71 mm | simil inox         | 91 mm                    | 71 mm | similar stainless steel |
| E17A00026.33        | 91 mm | 71 mm | nero opaco         | 91 mm                    | 71 mm | matt black              |

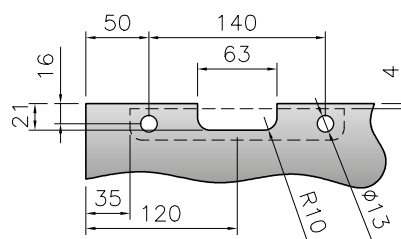
## 04.1 SISTEMI PER PORTE SCORREVOLI IN ALLUMINIO - ALUMINIUM SLIDING DOOR SYSTEMS

### 04.1.4.1 BRIO STANDARD

#### MORSETTI - CLAMPS

Morsetto per porta scorrevole - per vetro 8-10 mm

Clamp for sliding door - for 8-10 mm glass



| Cod.      | Portata   | Finitura  | Capacity  | Finish    |
|-----------|-----------|-----------|-----------|-----------|
| E07R00001 | 60 kg/cp  | alluminio | 60 kg/cp  | aluminium |
| E07R00002 | 120 kg/cp | acciaio   | 120 kg/cp | steel     |

Coppia morsetti senza lavorazioni per porta scorrevole

Pair of clamps without glass processing for sliding door



Compatibile con staffa ad innesto rapido presente nei set di accessori  
Portata 120kg/cp

Compatible with quick coupling bracket included in the sets of accessories  
capacity 120 kg/pair

| Cod.      | Spessore vetro | Glass thickness |
|-----------|----------------|-----------------|
| E17A00024 | 8-8,76 mm      | 8-8.76 mm       |
| E17A00025 | 10-10,76 mm    | 10-10.76 mm     |
| E17A00040 | 12-12,76 mm    | 12-12.76 mm     |

## SET DI ACCESSORI PER SISTEMA BRIO - SET OF ACCESSORIES FOR BRIO SYSTEM

Set di accessori per anta "Brio" - con lavorazione su vetro

Set of accessories for "Brio" door - with glass processing



Larghezza minima anta consigliata 600 mm - completo di 2 carrelli, stopper e guida a pavimento.

Recommended minimum door width 600 mm - including 2 roller carriages, stoppers, floor guide.

| Cod.      | Portata | Capacity |
|-----------|---------|----------|
| E07A00048 | 120 kg  | 120 kg   |

Set di accessori per anta "Brio" - con lavorazione su vetro

Set of accessories for "Brio" door - with glass processing



Larghezza minima anta 780 mm - completo di 2 carrelli con ammortizzatore "Mini", stopper e guida a pavimento

Minimum door width 780 mm - including 2 roller carriages with "Mini" soft-close, stoppers, floor guide.

| Cod.      | Portata | Interasse | Capacity | Distance between the centres |
|-----------|---------|-----------|----------|------------------------------|
| E17A00049 | 80 kg   | 535 mm    | 80 kg    | 535 mm                       |

Set di accessori per anta "Brio" - con lavorazione su vetro

Set of accessories for "Brio" door - with glass processing



Larghezza minima anta 860 mm - completo di 2 carrelli con ammortizzatore, stopper e guida a pavimento.

Minimum door width 860 mm - including 2 roller carriages with soft-close, stoppers, floor guide.

| Cod.      | Portata | Interasse | Capacity | Distance between the centres |
|-----------|---------|-----------|----------|------------------------------|
| E17A00050 | 80 kg   | 620 mm    | 80 kg    | 620 mm                       |
| E17A00051 | 120 kg  | 620 mm    | 120 kg   | 620 mm                       |

## 04.1 SISTEMI PER PORTE SCORREVOLI IN ALLUMINIO - ALUMINIUM SLIDING DOOR SYSTEMS

### 04.1.4.1 BRIO STANDARD

#### SET DI ACCESSORI PER SISTEMA BRIO - SET OF ACCESSORIES FOR BRIO SYSTEM

Set di accessori ad innesto rapido per anta "Brio"

Set of accessories for "Brio" door with quick coupling



Larghezza minima anta consigliata 600mm - completo di 2 carrelli, stopper, guida a pavimento e chiave di fissaggio dado

Recommended minimum door width 600mm – including 2 roller carriages, stoppers, floor guide and nut fixing key.

| Cod.      | Portata | Capacity |
|-----------|---------|----------|
| E17A00053 | 120 kg  | 120 kg   |

Set di accessori ad innesto rapido per anta "Brio"

Set of accessories for "Brio" door with quick coupling



Larghezza minima anta 650 mm - completo di 2 carrelli con ammortizzatore "Mini", stopper, guida a pavimento e chiave di fissaggio dado.

Minimum door width 650 mm - including 2 roller carriages with "Mini" soft-close, stoppers, floor guide and nut fixing key.

| Cod.      | Portata | Interasse | Capacity | Distance between the centres |
|-----------|---------|-----------|----------|------------------------------|
| E17A00054 | 80 kg   | 535 mm    | 80 kg    | 535 mm                       |

Set di accessori ad innesto rapido per anta "Brio"

Set of accessories for "Brio" door with quick coupling



Larghezza minima anta 740 mm - completo di 2 carrelli con ammortizzatore, stopper, guida a pavimento e chiave di fissaggio dado.

Minimum door width 740 mm – including 2 roller carriages with "Mini" soft-close, stoppers, floor guide and nut fixing key.

| Cod.      | Portata | Interasse | Capacity | Distance between the centres |
|-----------|---------|-----------|----------|------------------------------|
| E17A00055 | 80 kg   | 620 mm    | 80 kg    | 620 mm                       |
| E17A00056 | 120 kg  | 620 mm    | 120 kg   | 620 mm                       |





## 04.1.4.1 BRIO STANDARD

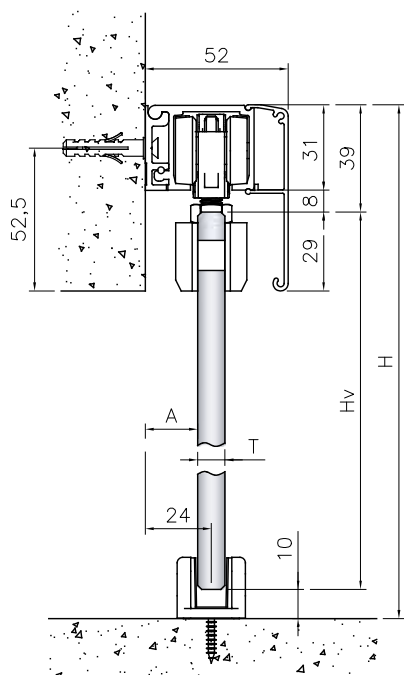
### MORSETTO **CON** LAVORAZIONE SU VETRO

Calcolo della misura dei vetri

### CLAMP **WITH** GLASS PROCESSING

Calculation of the glass dimensions

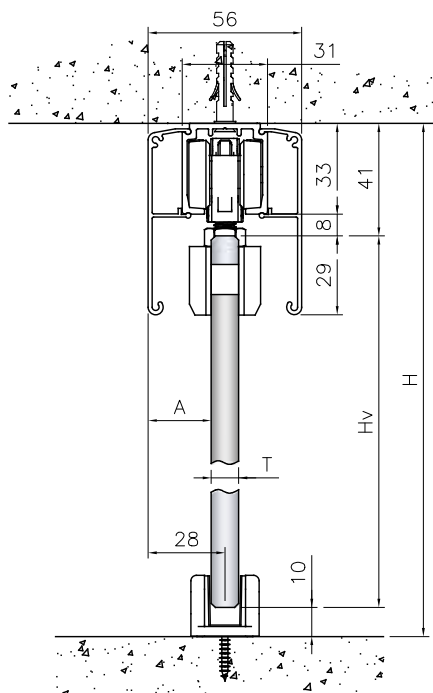
Attacco frontale - Frontal fixing



con T 8mm, A = 20  
con T 10mm, A = 19  
con T 12mm, A = 18

$H_v = H - 49\text{mm}$

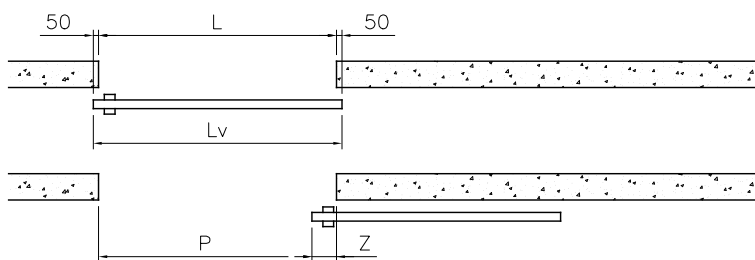
Attacco a soffitto - Ceiling fixing



con T 8mm, A = 24  
con T 10mm, A = 23  
con T 12mm, A = 22

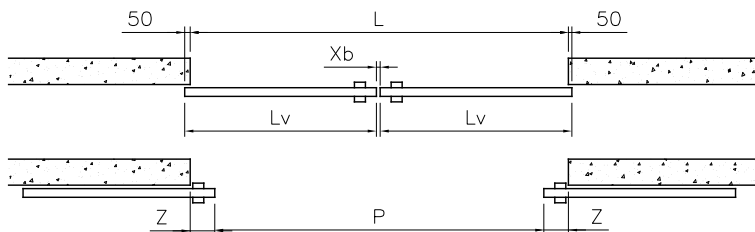
$H_v = H - 51\text{mm}$

Anta singola con attacco frontale/soffitto - Single door with frontal/ceiling fixing



$L_v = L + 100$   
 $P = L - Z$

Anta doppia con attacco frontale/soffitto - Double door with frontal/ceiling fixing



$L_v = (L - X_b) / 2 + 50$   
 $P = L - 2Z$

L = Larghezza vano  
Space width  
P = Passaggio utile  
Opening  
Lv = Larghezza vetro scorrevole  
Sliding glass width  
Lv f = Larghezza vetro fisso  
Fix glass width  
Z = Ingombro maniglione  
Handle overall dimensions  
Xa = Aria per profilo verticale  
Vertical profile space  
Xb = Aria per guarnizione  
Gasket space

Technical drawing of a door handle assembly (Fig. 10) showing dimensions and components:

- Dimensions:**
  - Total height: 92
  - Top section height: 43
  - Middle section height: 49
  - Bottom section height: 12
  - Width of top section: 72
  - Height of middle section: 33
  - Height of bottom section: 11
  - Height of base plate: 19
  - Overall height from base: HV
  - Base thickness: 10
- Components:**
  - A: Lever handle
  - G: Grip
  - T1: Top part of the grip
  - T2: Bottom part of the grip
  - 32: Base plate

$$\begin{aligned} H_v &= H - 54\text{mm} \\ H_f &= H - 78\text{mm} \end{aligned}$$

Technical drawing of a mechanical assembly, likely a pump or valve, showing a cross-section and side view. The drawing includes the following dimensions and labels:

- Dimensions:**
  - 72 (Top width)
  - 44 (Top width segment)
  - 28 (Top width segment)
  - 73 (Total height)
  - 92 (Height segment)
  - 33 (Height segment)
  - 44 (Height segment)
  - 11 (Height segment)
  - 29 (Height segment)
  - 19 (Height segment)
  - H (Total height)
  - Hv (Height segment)
  - 12 (Height segment)
  - 32 (Height segment)
  - 10 (Bottom height segment)
  - 5 (Bottom height segment)
- Labels:**
  - A (Label for a component)
  - G (Label for a component)
  - T1 (Label for a component)
  - T2 (Label for a component)

$$\begin{aligned} H_v &= H - 54\text{mm} \\ H_f &= H - 78\text{mm} \end{aligned}$$

Technical drawing of a beam with a central hole. The drawing shows two views: a top view and a side view. The top view shows a beam of total length  $L$  with a central hole of diameter  $\varnothing 50$ . The distance from the left end to the center of the hole is  $L_v$ , and the distance from the center of the hole to the right end is  $L_{vf}$ . The side view shows the beam's profile with a central hole of diameter  $\varnothing 50$ . The beam is supported by a pin support at the left end, labeled  $P$ , and a roller support at the right end, labeled  $Z$ .

Technical drawing of a beam of total length  $L$ . The beam has a central hinge at  $X_b$ . The distance from the left end to the hinge is  $L_v$ , and the distance from the hinge to the right end is  $L_v$ . The beam is supported by a hinge support at the left end and a roller support at the right end. The beam is divided into four segments of length 50 by three vertical lines. The beam is labeled with  $L$  at the top,  $X_b$  at the center,  $L_v$  for the segments, and  $L_v$  for the segments. The beam is supported by a hinge support at the left end and a roller support at the right end. The beam is labeled with  $L$  at the top,  $X_b$  at the center,  $L_v$  for the segments, and  $L_v$  for the segments.

The technical drawing consists of two parts: a cross-section (top) and a longitudinal section (bottom).

**Cross-section (top):** Shows a rectangular reinforced concrete beam with a total width  $L$ . The width is divided into four segments:  $X_a$  (outer concrete zone), 50 (outer stirrup zone),  $X_b$  (central concrete zone), and 50 (inner stirrup zone). The total length of the beam is  $L$ . The beam is supported by two vertical columns. The distance between the centers of the columns is  $L_v$ . The beam is reinforced with longitudinal bars and stirrups.

**Longitudinal section (bottom):** Shows the beam's profile along its length. The total length is  $L$ . The beam is supported by two vertical columns. The distance between the centers of the columns is  $L_v$ . The beam is reinforced with longitudinal bars and stirrups. The section is labeled with  $Z$  at the ends and  $P$  in the middle.

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#### 04.1.4.1 BRIO STANDARD

## CLAMP WITH GLASS PROCESSING

### Calculation of the glass dimensions

Technical drawing of a beam with a central hole. The top view shows a beam of total length  $L$  with a central hole of diameter  $50$ . The distance from each end to the hole is  $X_b$ . The length of the beam segments is  $L_v$ . The bottom view shows the beam with a central hole of diameter  $P$  and a cross-section  $Z-Z$ .

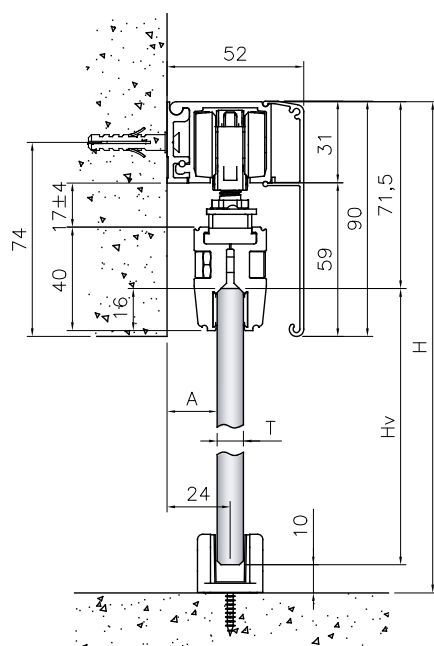
$$L_vC = (L - 2Xb + 50) / 2$$

$$P = L - 2Xb - L_v - Z$$

## MORSETTO **SENZA** LAVORAZIONE SU VETRO

Calcolo della misura dei vetri

### Attacco frontale - Frontal fixing



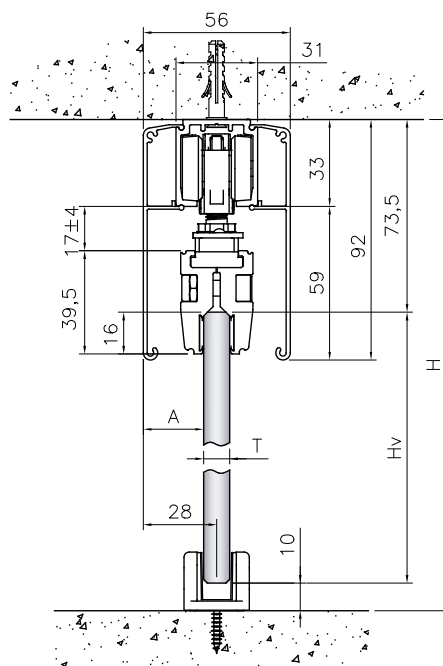
con T 8mm, A = 20  
con T 10mm, A = 19  
con T 12mm, A = 18

$H_v = H - 81,5\text{mm}$

## CLAMP **WITHOUT** GLASS PROCESSING

Calculation of the glass dimensions

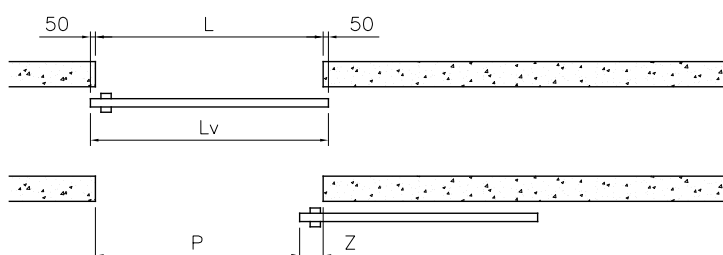
### Attacco a soffitto - Ceiling fixing



con T 8mm, A = 24  
con T 10mm, A = 23  
con T 12mm, A = 22

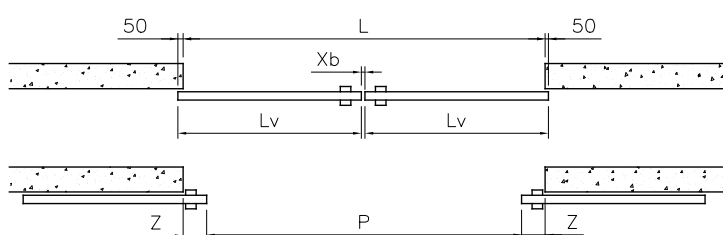
$H_v = H - 83,5\text{mm}$

### Anta singola con attacco frontale/soffitto - Single door with frontal/ceiling fixing



$L_v = L + 100$   
 $P = L - Z$

### Anta doppia con attacco frontale/soffitto - Double door with frontal/ceiling fixing



$L_v = (L - X_b) / 2 + 50$   
 $P = L - 2Z$

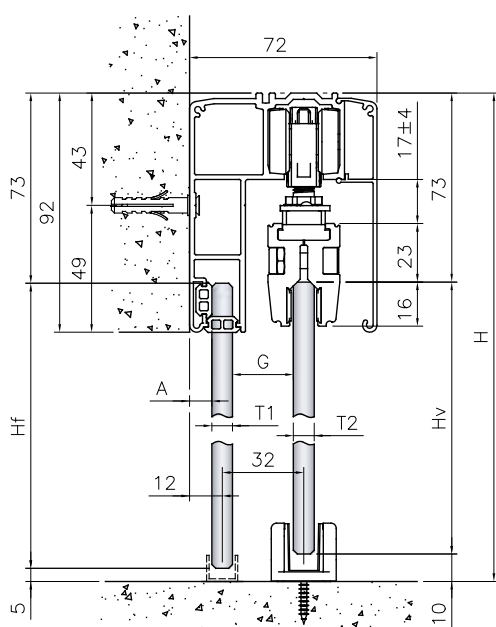
## 04.1 SISTEMI PER PORTE SCORREVOLI IN ALLUMINIO - ALUMINIUM SLIDING DOOR SYSTEMS

### 04.1.4.1 BRIO STANDARD

#### MORSETTO **SENZA** LAVORAZIONE SU VETRO

##### Calcolo della misura dei vetri

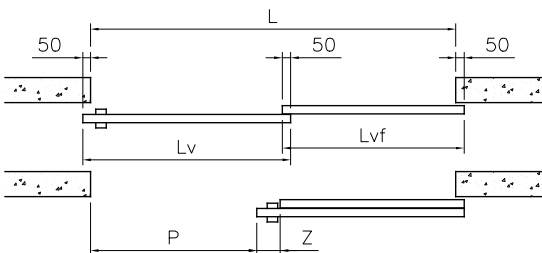
Attacco frontale con fisso - Frontal fixing with fix glass



con T1 = 8mm & T2 = 8mm, A=9, G= 24  
 con T1 = 8mm & T2 = 10mm, A=9, G= 23  
 con T1 = 8mm & T2 = 12mm, A=9, G= 22  
 con T1 = 10mm & T2 = 8mm, A=8, G= 23  
 con T1 = 10mm & T2 = 10mm, A=8, G= 22  
 con T1 = 10mm & T2 = 12mm, A=8, G= 21

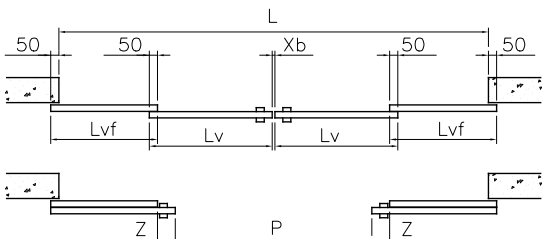
Hv = H - 83mm  
 Hf = H - 78mm

Anta singola più fisso con attacco frontale  
 Single door with fix glass, frontal fixing



$Lv f = (L + 150 - Z) / 2$   
 $Lv = Lv f + Z$   
 $P = L - Lv + 50$

Anta doppia più fissi con attacco frontale  
 Double door with fix glass panels, frontal fixing

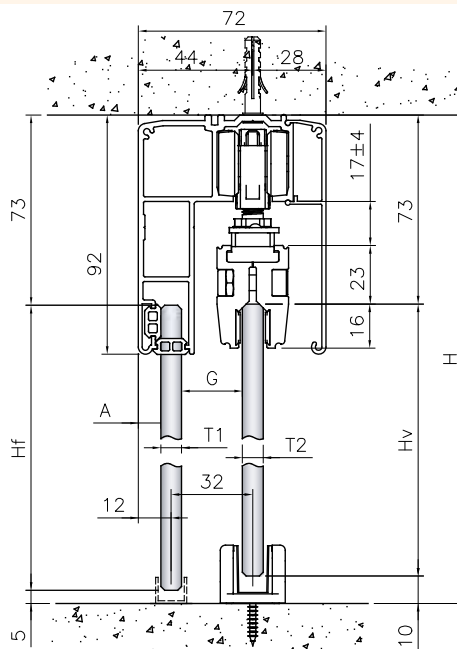


$Lv f = (L - Xb + 200 - 2Z) / 4$   
 $Lv = Lv f + Z$   
 $P = L - 2Lv + 100$

#### CLAMP **WITHOUT** GLASS PROCESSING

##### Calculation of the glass dimensions

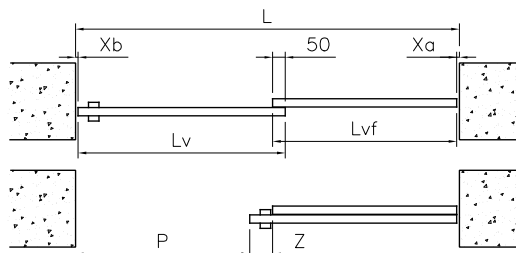
Attacco a soffitto con fisso - Ceiling fixing with fix glass



con T1 = 8mm & T2 = 8mm, A=9, G= 24  
 con T1 = 8mm & T2 = 10mm, A=9, G= 23  
 con T1 = 8mm & T2 = 12mm, A=9, G= 22  
 con T1 = 10mm & T2 = 8mm, A=8, G= 23  
 con T1 = 10mm & T2 = 10mm, A=8, G= 22  
 con T1 = 10mm & T2 = 12mm, A=8, G= 21

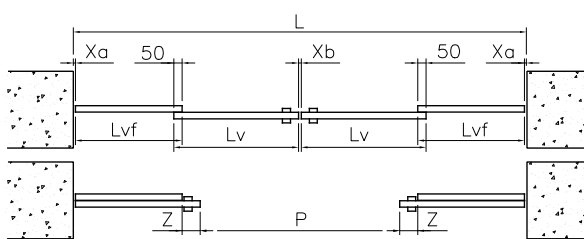
Hv = H - 83mm  
 Hf = H - 78mm

Anta singola più fisso con attacco a soffitto  
 Single door with fix glass, ceiling fixing



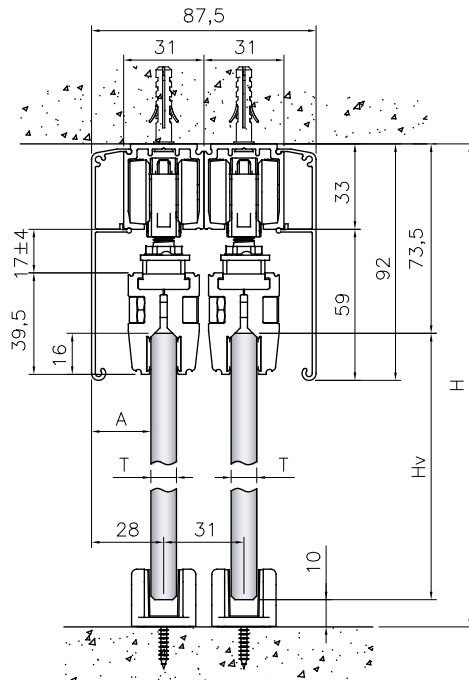
$Lv f = (L - Xa - Xb - Z + 50) / 2$   
 $Lv = Lv f + Z$   
 $P = L - Xa - Xb - Lv$

Anta doppia più fissi con attacco a soffitto  
 Double door with fix glass panels, ceiling fixing



$Lv f = (L - 2Xa - Xb - 2Z + 100) / 4$   
 $Lv = Lv f + Z$   
 $P = L - 2Xa - 2Lv$

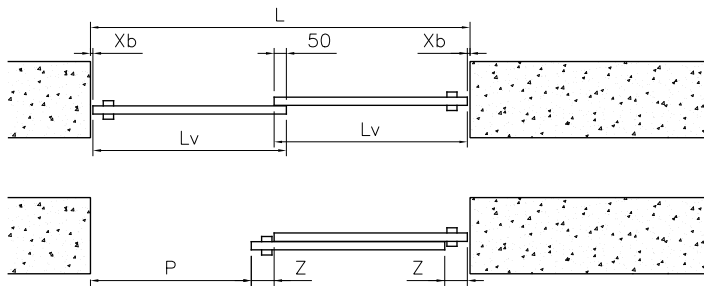
Anta doppia sovrapponibile con fissaggio a soffitto - Double overlapped door with ceiling fixing



con T 8mm, A = 24  
con T 10mm, A = 23  
con T 12mm, A = 22

Hv = H - 83,5mm

L = Larghezza vano  
Space width  
P = Passaggio utile  
Opening  
Lv = Larghezza vetro scorrevole  
Sliding glass width  
Lv f = Larghezza vetro fisso  
Fix glass width  
Z = Ingombro maniglione  
Handle overall dimensions  
Xa = Aria per profilo verticale  
Vertical profile space  
Xb = Aria per guarnizione  
Gasket space



$$LvC = (L - 2Xb + 50) / 2$$

$$P = L - 2Xb - Lv - Z$$



## 04.1 SISTEMI PER PORTE SCORREVOLI IN ALLUMINIO - ALUMINIUM SLIDING DOOR SYSTEMS

### 04.1.4.2 BRIO SYNCRO

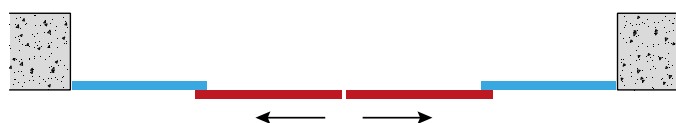
Sistema scorrevole per porte in vetro con apertura simultanea per spessore vetro da 8÷12,76 mm.  
Portata 80 kg/anta.  
Larghezza anta minima 780 mm.

Le configurazioni possono essere con attacco frontale o a soffitto.

Sliding system for glass doors with simultaneous opening for glass thickness from 8÷12.76 mm.  
Capacity 80 kg/door.  
Minimum door width 780 mm.

Possible configurations: frontal or ceiling fixing.

#### CONFIGURAZIONI - CONFIGURATION



#### COMPOSIZIONE - COMPOSITION

Attacco frontale  
Frontal fixing

|                     |             |
|---------------------|-------------|
| <b>E17A00001</b>    | 1 pz/1 pcs  |
| <b>E17A00002</b>    | 1 pz/1 pcs  |
| <b>E17A00008</b>    | 1 pz/1 pcs  |
| <b>E17A00023</b>    | 1 cp/1 pair |
| <b>E17A00071÷73</b> | 1 cp/1 pair |

Attacco soffitto  
Ceiling fixing

|                     |             |
|---------------------|-------------|
| <b>E17A00003</b>    | 1 pz/1 pcs  |
| <b>E17A00008</b>    | 2 pz/2 pcs  |
| <b>E17A00071÷73</b> | 1 cp/1 pair |

Attacco frontale/soffitto + fisso  
Frontal/ceiling fixing + fix glass panel

|                             |             |
|-----------------------------|-------------|
| <b>E17A00004</b>            | 1 pz/1 pcs  |
| <b>E17A00005</b>            | 1 pz/1 pcs  |
| <b>P01T00021 (solo 8mm)</b> | 1 pz/1 pcs  |
| <b>E17A00008</b>            | 1 pz/1 pcs  |
| <b>E17A00026</b>            | 1 cp/1 pair |
| <b>E17A00071÷73</b>         | 1 cp/1 pair |

## PROFILI - PROFILES

Profilo per fissaggio frontale in barre da 2-3-4-6 m

Profile for frontal fixing in bars of 2-3-4-6 mt



| Cod.        | Finitura           | Finish                  |
|-------------|--------------------|-------------------------|
| E17A00001   | anodizzato argento | anodized silver         |
| E17A00001.L | simil inox         | similar stainless steel |
| E17A00001.N | nero opaco         | matt black              |

Profilo scorrevole per fissaggio frontale

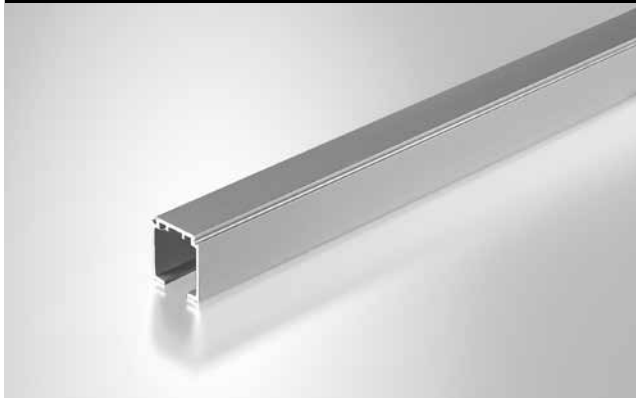
Sliding profile for frontal fixing



| Cod.        | Finitura           | Finish                  |
|-------------|--------------------|-------------------------|
| E17A00002   | anodizzato argento | anodized silver         |
| E17A00002.L | simil inox         | similar stainless steel |
| E17A00002.N | nero opaco         | matt black              |

Profilo scorrevole per fissaggio a soffitto

Sliding profile for ceiling fixing



| Cod.        | Finitura           | Finish                  |
|-------------|--------------------|-------------------------|
| E17A00003   | anodizzato argento | anodized silver         |
| E17A00003.L | simil inox         | similar stainless steel |
| E17A00003.N | nero opaco         | matt black              |

## 04.1 SISTEMI PER PORTE SCORREVOLI IN ALLUMINIO - ALUMINIUM SLIDING DOOR SYSTEMS

### 04.1.4.2 BRIO SYNCRO

Profilo scorrevole con sede per vetro fisso

Sliding profile with slot for fix glass



| Cod.        | Finitura           | Finish                  |
|-------------|--------------------|-------------------------|
| E17A00004   | anodizzato argento | anodized silver         |
| E17A00004.L | simil inox         | similar stainless steel |
| E17A00004.N | nero opaco         | matt black              |

Guarnizione per appoggio e copertura

Support and cover gasket



| Cod.      | Finitura | Finish |
|-----------|----------|--------|
| E17A00005 | grigia   | grey   |

Guarnizione trasparente per vetro fisso spessore 8-8,76 mm

Transparent gasket for fix glass 8-8.76 mm thick



| Cod.      | Finitura    | Finish      |
|-----------|-------------|-------------|
| P01T00021 | trasparente | transparent |

Copertina H 90 mm

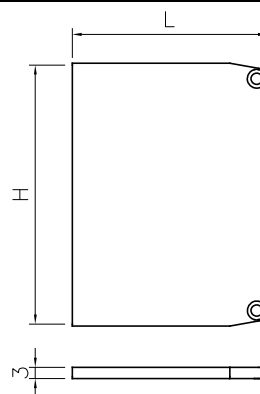
H 90 mm cover



| Cod.        | Finitura           | Finish                  |
|-------------|--------------------|-------------------------|
| E17A00008   | anodizzato argento | anodized silver         |
| E17A00008.L | simil inox         | similar stainless steel |
| E17A00008.N | nero opaco         | matt black              |

Coppia di tappi laterali per fissaggio frontale

Pair of lateral caps for frontal fixing



| Per fissaggio frontale |       |         |                    | For frontal fixing              |         |                         |
|------------------------|-------|---------|--------------------|---------------------------------|---------|-------------------------|
| Cod.                   | H     | L       | Finitura           | H                               | L       | Finish                  |
| E17A00023              | 91 mm | 51,6 mm | anodizzato argento | 91 mm                           | 51.6 mm | anodized silver         |
| E17A00023.L            | 91 mm | 51,6 mm | simil inox         | 91 mm                           | 51.6 mm | similar stainless steel |
| E17A00023.33           | 91 mm | 51,6 mm | nero opaco         | 91 mm                           | 51.6 mm | matt black              |
| Per guida con fisso    |       |         |                    | For profile with fix glass slot |         |                         |
| Cod.                   | H     | L       | Finitura           | H                               | L       | Finish                  |
| E17A00026              | 91 mm | 71 mm   | anodizzato argento | 91 mm                           | 71 mm   | anodized silver         |
| E17A00026.L            | 91 mm | 71 mm   | simil inox         | 91 mm                           | 71 mm   | similar stainless steel |
| E17A00026.33           | 91 mm | 71 mm   | nero opaco         | 91 mm                           | 71 mm   | matt black              |

Kit accessori per doppia anta "Syncro"

Kit of accessories for "Syncro" double door



Con ammortizzatori "Mini" con morsetto innesto rapido.  
Misura anta minima 780 mm.

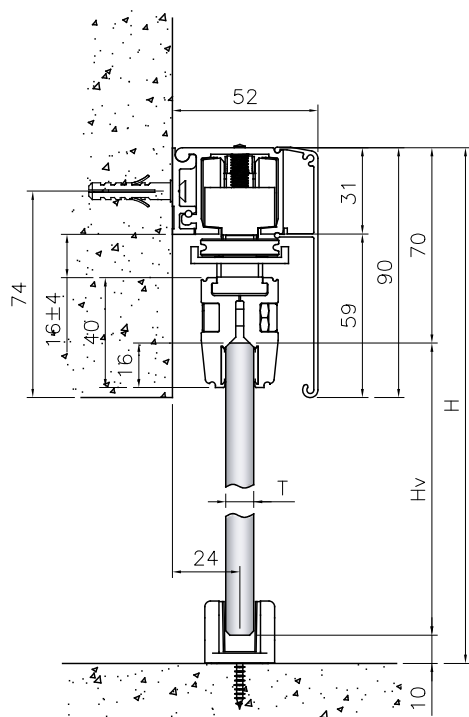
"Mini" soft-close with quick coupling clamp.  
Minimum door width 780 mm.

| Cod.      | spessore vetro | Glass thickness |
|-----------|----------------|-----------------|
| E17A00071 | 8-8,76 mm      | 8-8.76 mm       |
| E17A00072 | 10-10,76 mm    | 10-10.76 mm     |
| E17A00073 | 12-12,76 mm    | 12-12.76 mm     |

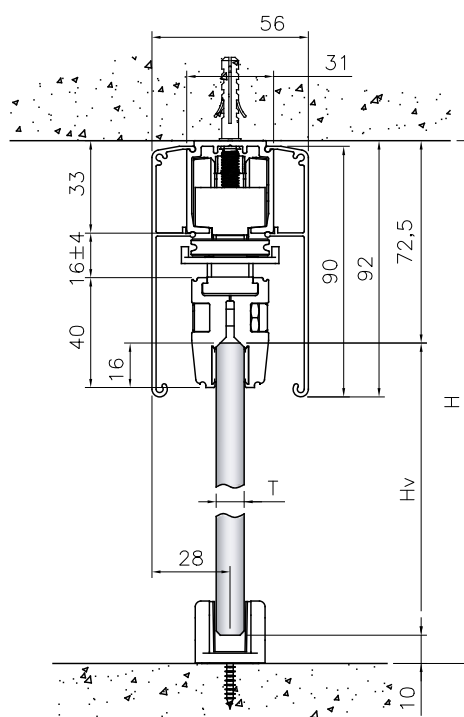
## 04.1 SISTEMI PER PORTE SCORREVOLI IN ALLUMINIO - ALUMINIUM SLIDING DOOR SYSTEMS

### 04.1.4.2 BRIO SYNCRO

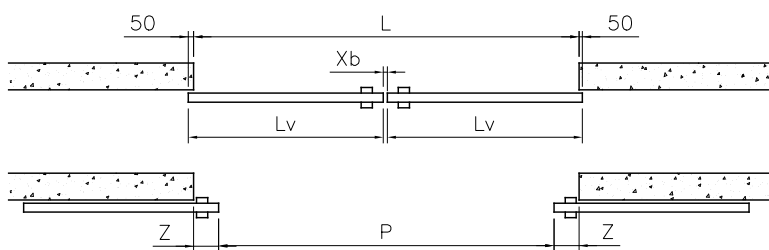
Anta doppia con attacco frontale/soffitto - Double door with frontal/ceiling fixing



$$H_v = H - 80\text{mm}$$



$$H_v = H - 82,5\text{mm}$$



$$L_v = (L - X_b) / 2 + 50$$

$$P = L - 2Z$$

L = Larghezza vano  
Space width  
P = Passaggio utile  
Opening  
Lv = Larghezza vetro scorrevole  
Sliding glass width  
Lv<sub>f</sub> = Larghezza vetro fisso  
Fix glass width  
Z = Ingombro maniglione  
Handle overall dimensions  
X<sub>a</sub> = Aria per profilo verticale  
Vertical profile space  
X<sub>b</sub> = Aria per guarnizione  
Gasket space

Technical drawing of the 3000 Series door handle assembly, showing side and cross-sectional views with dimensions.

**Side View Dimensions:**

- Overall height: 73
- Height from mounting surface to top of handle: 92
- Height from mounting surface to bottom of handle: 49
- Height of handle body: 43
- Height of mounting plate: 12
- Height of mounting plate from mounting surface: 5

**Cross-sectional View Dimensions:**

- Overall width: 72
- Width of handle body: 33
- Width of mounting plate: 16 ± 4
- Width of mounting plate from mounting surface: 16
- Width of mounting plate from mounting surface: 40
- Width of mounting plate from mounting surface: 90
- Width of mounting plate from mounting surface: 92
- Width of mounting plate from mounting surface: 72,5
- Width of mounting plate from mounting surface: 10

**Labels:**

- A: Mounting plate
- G: Mounting plate
- T1: Mounting plate
- T2: Mounting plate
- Hf: Mounting surface
- Hv: Mounting surface
- H: Mounting surface

$$\begin{aligned} H_v &= H - 82,5\text{mm} \\ H_f &= H - 78\text{mm} \end{aligned}$$

The technical drawing illustrates a door lock assembly with various dimensions and labels:

- Dimensions:**
  - Top width: 72
  - Top left offset: 44
  - Top right offset: 28
  - Total height: 73
  - Internal vertical distance: 92
  - Lock body depth: 33
  - Distance from lock body to handle: 16 ± 4
  - Handle length: 90
  - Bottom internal distance: 92
  - Bottom offset: 16
  - Bottom width: 40
  - Bottom offset: 16
  - Bottom total height: 72,5
  - Bottom left offset: 5
  - Bottom right offset: 10
  - Left side offset: 12
  - Right side offset: 32
- Labels:**
  - A: Arrow pointing to the lock cylinder.
  - G: Label for the handle/shaft assembly.
  - T1: Label for the upper part of the handle/shaft.
  - T2: Label for the lower part of the handle/shaft.
  - Hf: Label for the top mounting bracket.
  - Hv: Label for the bottom mounting bracket.
  - H: Label for the total height of the assembly.

[illegible]

Technical drawing of a beam with a central joint and side supports. The beam has a total length  $L$ . It is supported by two side supports, each with a width of 50. The distance from the center of the beam to the center of each side support is  $X_a$ . The distance from the center of the beam to the center of the central joint is  $X_b$ . The beam is divided into four segments: two outer segments of length  $L_{vf}$  and two inner segments of length  $L_v$ . The beam is shown in two views: a top view and a side view. The side view shows the beam is supported by two side supports, each with a width of 50, and a central joint. The side view also shows the beam is supported by two side supports, each with a width of 50, and a central joint. The side view also shows the beam is supported by two side supports, each with a width of 50, and a central joint.

$$\begin{aligned} L_{vf} &= (L - 2X_a - X_b - 2Z + 100) / 4 \\ L_v &= L_{vf} + Z \\ P &= L - 2X_a - 2L_v \end{aligned}$$

## 04.1 SISTEMI PER PORTE SCORREVOLI IN ALLUMINIO - ALUMINIUM SLIDING DOOR SYSTEMS

### 04.1.4.3 BRIO A TRASCINAMENTO - BRIO DRAGGING

Sistema scorrevole per porte in vetro a trascinamento per spessore vetro 8÷10,76 mm. Portata 80 kg/anta.

Larghezza anta minima con due ante scorrevoli 714 mm.

Larghezza anta minima con tre ante scorrevoli 738 mm.

Per composizioni oltre le tre ante scorrevoli vanno aggiunti 24 mm ogni anta. Attacco frontale (max due ante) e attacco a soffitto.

Dragging sliding system for glass doors from 8÷10.76 mm thick.

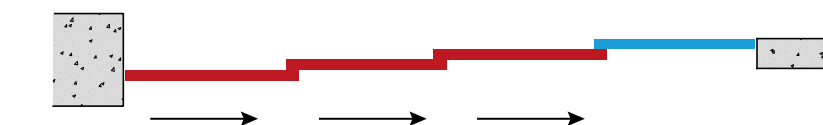
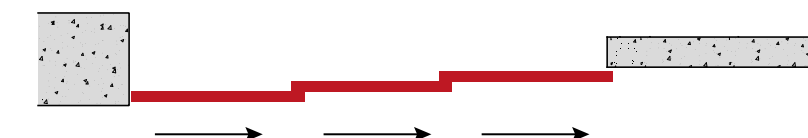
Capacity 80 kg/door.

Minimum door width with two sliding doors 714 mm.

Minimum door width with three sliding doors 738 mm.

For compositions with more than three sliding doors, add 24 mm each door. Frontal fixing (max two doors) and ceiling fixing.

#### CONFIGURAZIONI - CONFIGURATION



#### COMPOSIZIONE - COMPOSITION

##### Attacco frontale 2 ante - Frontal fixing 2 doors

|              |               |
|--------------|---------------|
| E17A00003    | 2pz/2pcs      |
| E17A00037    | 1pz/1pcs 50cm |
| E17A00008    | 1pz/1pcs      |
| E17A00024-25 | 2cp/2pair     |
| E17A00034.P  | 1pz/1pcs      |
| E17A00036.P  | 1pz/1pcs      |

##### Attacco soffitto 2 ante - Ceiling fixing 2 doors

|              |           |
|--------------|-----------|
| E17A00003    | 2pz/2pcs  |
| E17A00008    | 2pz/2pcs  |
| E17A00024-25 | 2cp/2pair |
| E17A00034.P  | 1pz/1pcs  |
| E17A00036.P  | 1pz/1pcs  |

##### Attacco soffitto 3 ante - Ceiling fixing 3 doors

|              |           |
|--------------|-----------|
| E17A00003    | 3pz/3pcs  |
| E17A00008    | 2pz/2pcs  |
| E17A00024-25 | 3cp/3pair |
| E17A00034.P  | 1pz/1pcs  |
| E17A00035.P  | 1pz/1pcs  |
| E17A00036.P  | 1pz/1pcs  |

##### Attacco frontale 2 ante + fisso

##### Frontal fixing 2 doors + fix glass panel

|              |               |
|--------------|---------------|
| E17A00004    | 1pz/1pcs      |
| E17A00005    | 1pz/1pcs      |
| E17A00003    | 1pz/1pcs      |
| E17A00038    | 1pz/1pcs      |
| E17A00039    | 2pz/2pcs 50cm |
| E17A00008    | 1pz/1pcs      |
| E17A00024-25 | 2cp/2pair     |
| E17A00034.P  | 1pz/1pcs      |
| E17A00036.P  | 1pz/1pcs      |

##### Attacco soffitto 2 ante + fisso

##### Ceiling fixing 2 doors + fix glass panel

|              |           |
|--------------|-----------|
| E17A00004    | 1pz/1pcs  |
| E17A00005    | 1pz/1pcs  |
| E17A00003    | 1pz/1pcs  |
| E17A00008    | 1pz/1pcs  |
| E17A00024-25 | 2cp/2pair |
| E17A00034.P  | 1pz/1pcs  |
| E17A00036.P  | 1pz/1pcs  |

##### Attacco frontale 3 ante + fisso

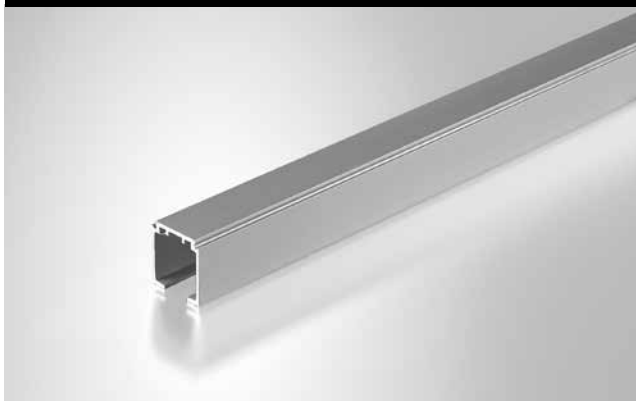
##### Frontal fixing 3 doors + fix glass panel

|              |           |
|--------------|-----------|
| E17A00004    | 1pz/1pcs  |
| E17A00005    | 1pz/1pcs  |
| E17A00003    | 2cp/2pair |
| E17A00008    | 1pz/1pcs  |
| E17A00024-25 | 3cp/3pair |
| E17A00034.P  | 1pz/1pcs  |
| E17A00035.P  | 1pz/1pcs  |
| E17A00036.P  | 1pz/1pcs  |



Profilo scorrevole per fissaggio a soffitto

Sliding profile for ceiling fixing



| Cod.        | Finitura           | Finish                  |
|-------------|--------------------|-------------------------|
| E17A00003   | anodizzato argento | anodized silver         |
| E17A00003.L | simil inox         | similar stainless steel |
| E17A00003.N | nero opaco         | matt black              |

Profilo scorrevole con sede per vetro fisso

Sliding profile with slot for fix glass



| Cod.        | Finitura           | Finish                  |
|-------------|--------------------|-------------------------|
| E17A00004   | anodizzato argento | anodized silver         |
| E17A00004.L | simil inox         | similar stainless steel |
| E17A00004.N | nero opaco         | matt black              |

Guarnizione per appoggio e copertura

Support and cover gasket



| Cod.      | Finitura | Finish |
|-----------|----------|--------|
| E17A00005 | grigia   | grey   |

## 04.1 SISTEMI PER PORTE SCORREVOLI IN ALLUMINIO - ALUMINIUM SLIDING DOOR SYSTEMS

### 04.1.4.3 BRIO A TRASCINAMENTO - BRIO DRAGGING

Staffa a "L" per fissaggio frontale con doppia anta

"L" shaped braket for frontal fixing with double door



| Cod.      |                       |                         |
|-----------|-----------------------|-------------------------|
| E17A00037 | 1 pz ogni 50 cm circa | 1 pcs about every 50 cm |

Profilo a "L" per fissaggio frontale con doppia anta e fisso

"L" shaped profile for frontal fixing with double door and fix glass



| Cod.        | Finitura           | Finish                  |
|-------------|--------------------|-------------------------|
| E17A00038   | anodizzato argento | anodized silver         |
| E17A00038.L | simil inox         | similar stainless steel |
| E17A00038.N | nero opaco         | matt black              |

Piastrino per ancoraggio binari su profilo con doppia anta e fisso

Plate for guide-rail anchoring on profile with double door and fix glass



| Cod.      |                       |                         |
|-----------|-----------------------|-------------------------|
| E17A00039 | 2 pz ogni 50 cm circa | 2 pcs about every 50 cm |

Copertina H 90 mm

H 90 mm cover



| Cod.        | Finitura           | Finish                  |
|-------------|--------------------|-------------------------|
| E17A00008   | anodizzato argento | anodized silver         |
| E17A00008.L | simil inox         | similar stainless steel |
| E17A00008.N | nero opaco         | matt black              |

Coppia di morsetti senza lavorazione per porta scorrevole

Pair of quick coupling for sliding door



**Compatibile con staffa ad innesto rapido  
presente nei set di accessori**

**Compatible with quick coupling bracket included  
in the sets of accessories clamps**

| Cod.      | Spessore vetro | Portata   | Glass thickness | Capacity    |
|-----------|----------------|-----------|-----------------|-------------|
| E17A00024 | 8-8,76 mm      | 120 kg/cp | 8-8.76 mm       | 120 kg/pair |
| E17A00025 | 10-10,76 mm    | 120 kg/cp | 10-10.76 mm     | 120 kg/pair |

Set di accessori con ammortizzatore "Mini"

Set of accessories with "Mini" soft-close



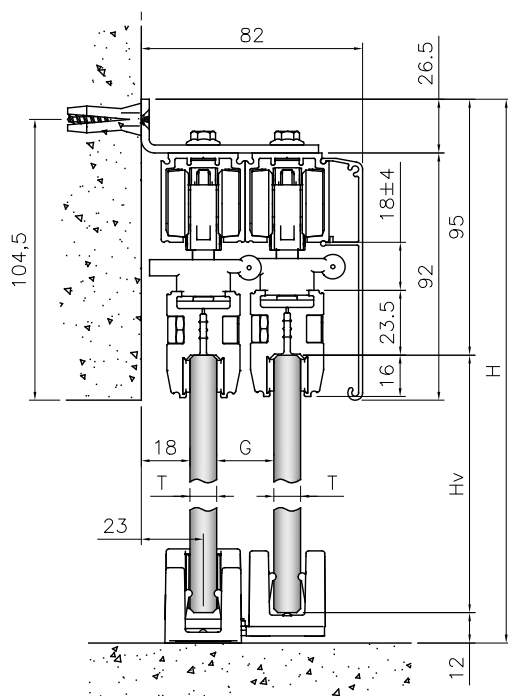
| Cod.        | TIPO  | Type  |
|-------------|-------|-------|
| E17A00034.P | Kit A | Kit A |
| E17A00035.P | Kit B | Kit B |
| E17A00036.P | Kit C | Kit C |

## 04.1 SISTEMI PER PORTE SCORREVOLI IN ALLUMINIO - ALUMINIUM SLIDING DOOR SYSTEMS

### 04.1.4.3 BRIO A TRASCINAMENTO - BRIO DRAGGING

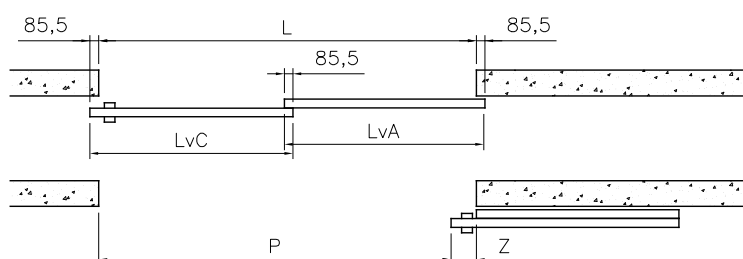
Calcolo della misura dei vetri - Calculation of glass dimensions

2 ante attacco frontale - 2 doors, frontal fixing

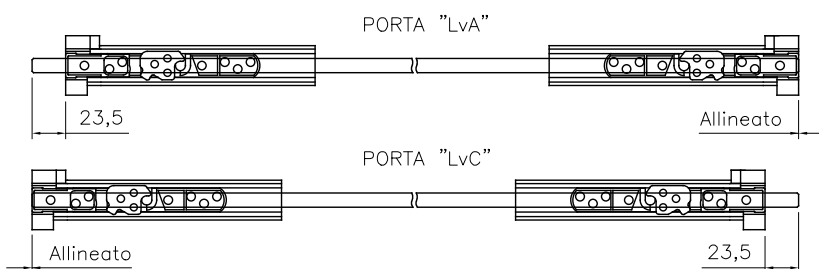


con T 8mm, G=23  
con T 10mm, G=21

$H_v = H - 107\text{mm}$

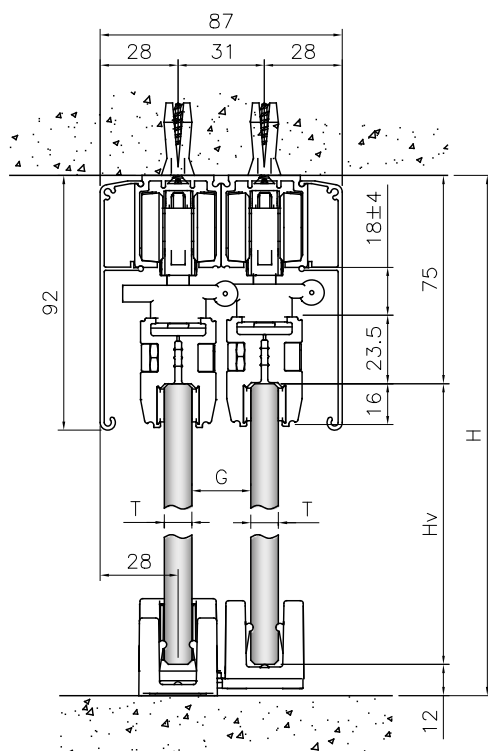


$$\begin{aligned} L_v A &= (L + (85,5 \times 3) - Z) / 2 \\ L_v C &= L_v A + Z \\ P &= L - Z \end{aligned}$$



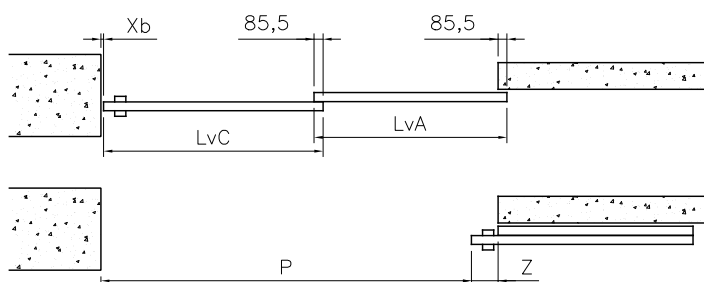
## Calcolo della misura dei vetri - Calculation of glass dimensions

2 ante attacco a soffitto - 2 doors, ceiling fixing



con T 8mm, G=23  
con T 10mm, G=21  
Hv = H - 87mm

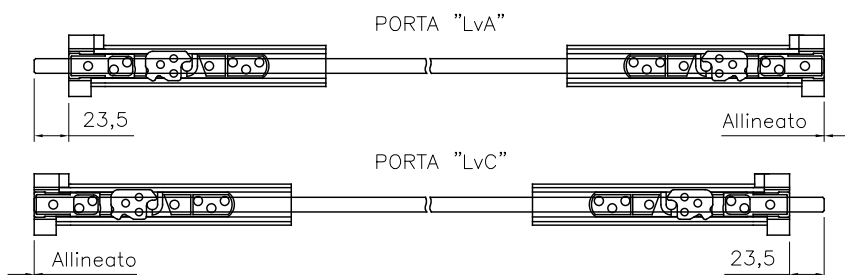
L = Larghezza vano  
Space width  
P = Passaggio utile  
Opening  
LvA = Larghezza vetro  
Glass A width  
LvB = Larghezza vetro B  
Glass B width  
LvC = Larghezza vetro C  
Glass C width  
LvF = Larghezza vetro fisso  
Fix glass width  
Z = Ingombro maniglione  
Handle overall dimensions  
Xa = Aria per profilo verticale  
Vertical profile space  
Xb = Aria per guarnizione  
Gasket space



$$LvA = (L - Xb + (85,5 \times 2) - Z) / 2$$

$$LvC = LvA + Z$$

$$P = L - Z$$

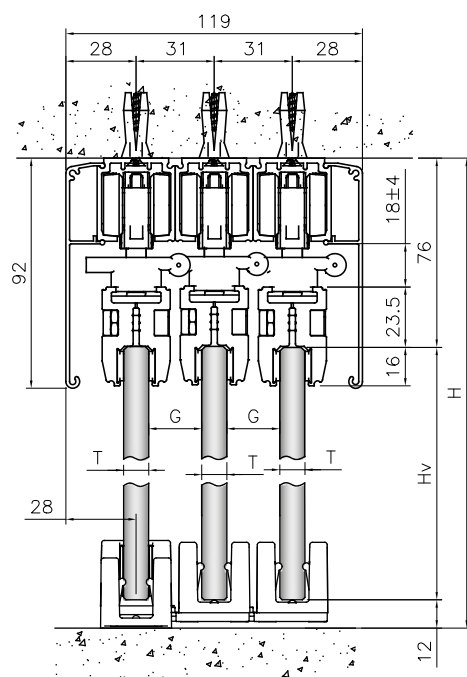


## 04.1 SISTEMI PER PORTE SCORREVOLI IN ALLUMINIO - ALUMINIUM SLIDING DOOR SYSTEMS

### 04.1.4.3 BRIO A TRASCINAMENTO - BRIO DRAGGING

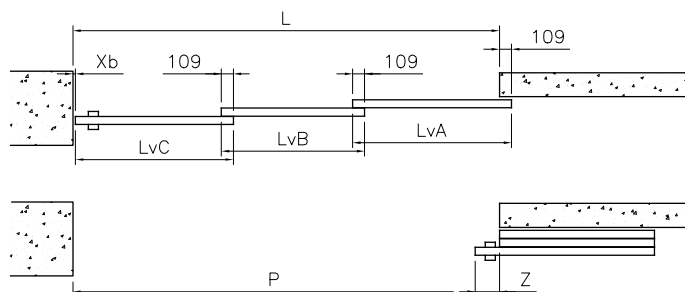
Calcolo della misura dei vetri - Calculation of glass dimensions

3 ante attacco a soffitto - 3 doors, ceiling fixing

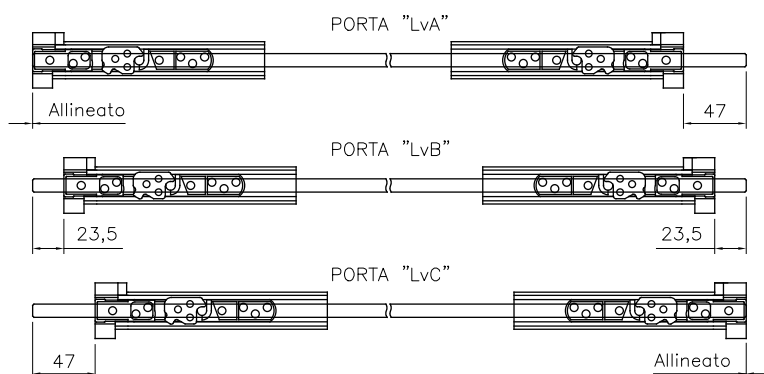


con T 8mm, G=23  
con T 10mm, G=21

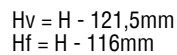
$H_v = H - 88\text{mm}$



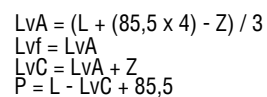
$$\begin{aligned} L_v A &= (L + (109 \times 3) - Z - X_b) / 3 \\ L_v B &= L_v A \\ L_v C &= L_v A + Z \\ P &= L - Z - X_b \end{aligned}$$



2 ante più fisso attacco frontale - 2 doors with fix glass, ceiling fixing



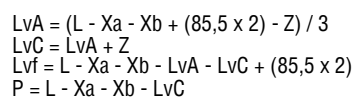
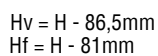
L = Larghezza vano  
Space width  
P = Passaggio utile  
Opening  
LvA = Larghezza vetro  
Glass A width  
LvB = Larghezza vetro B  
Glass B width  
LvC = Larghezza vetro C  
Glass C width  
LvF = Larghezza vetro fisso  
Fix glass width  
Z = Ingombro maniglione  
Handle overall dimensions  
Xa = Aria per profilo verticale  
Vertical profile space  
Xb = Aria per guarnizione  
Gasket space



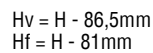


#### 04.1.4.3 BRIO A TRASCINAMENTO - BRIO DRAGGING

2 ante più fisso attacco a soffitto - 2 doors with fix glass, ceiling fixing



3 ante più fisso attacco a soffitto - 3 doors with fix glass, ceiling fixing



## 04.1 SISTEMI PER PORTE SCORREVOLI IN ALLUMINIO - ALUMINIUM SLIDING DOOR SYSTEMS

### 04.1.4.4 BRIO "FR" PER PORTE INTELAIATE - BRIO "FR" FOR FRAMED DOORS

Sistema scorrevole per anta intelaiata larghezza massima 1400 mm, altezza massima 3000 mm per vetro spessore 6-8 mm. Portata massima 120 kg.  
Grazie al design con ingombri ridotti, risponde alle richieste di progettisti ed architetti.

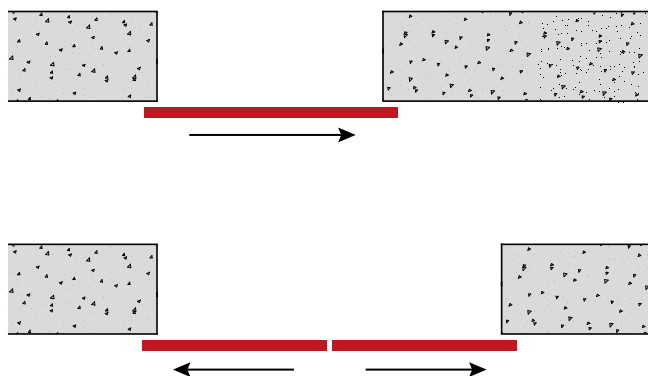
Attacco frontale (max due ante) e attacco a soffitto.

Sliding system for framed door with maximum width 1400 mm, maximum height 3000 mm for glass thickness 6-8 mm. Maximum capacity 120 kg.

The minimal design with reduced dimensions is capable of meeting the requirements of designers and architects.

Frontal fixing (max. two doors) and ceiling fixing.

#### CONFIGURAZIONI - CONFIGURATION



#### COMPOSIZIONE - COMPOSITION

##### Attacco frontale Frontal fixing

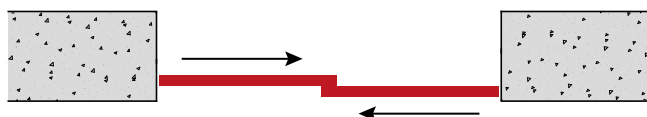
|                     |                      |
|---------------------|----------------------|
| <b>E17A00001</b>    | 1 pz/1 pcs           |
| <b>E17A00002</b>    | 1 pz/1 pcs           |
| <b>E17A00065</b>    | 1 pz/1 pcs           |
| <b>E17A00066</b>    | 1 cp/1 pair          |
| <b>E17A00081-82</b> | 1 pz/anta/1 pcs/door |
| <b>E17A00053÷56</b> | 1 pz/anta/1 pcs/door |

##### Attacco soffitto Ceiling fixing

|                     |                      |
|---------------------|----------------------|
| <b>E17A00003</b>    | 1 pz/1 pcs           |
| <b>E17A00065</b>    | 2 pz/2 pcs           |
| <b>E17A00081-82</b> | 1 pz/anta/1 pcs/door |
| <b>E17A00053÷56</b> | 1 pz/anta/1 pcs/door |

##### Attacco a soffitto sovrapponibile Overlapped ceiling fixing

|                     |                      |
|---------------------|----------------------|
| <b>E17A00003</b>    | 2 pz/2 pcs           |
| <b>E17A00065</b>    | 2 pz/2 pcs           |
| <b>E17A00081-82</b> | 1 pz/anta/1 pcs/door |
| <b>E17A00053÷56</b> | 1 pz/anta/1 pcs/door |



## PROFILI - PROFILES

Profilo per fissaggio frontale

Profile for frontal fixing



| Cod.        | Finitura           | Finish          |
|-------------|--------------------|-----------------|
| E17A00001   | anodizzato argento | anodized silver |
| E17A00001.N | nero opaco         | matt black      |

Profilo scorrevole per fissaggio frontale

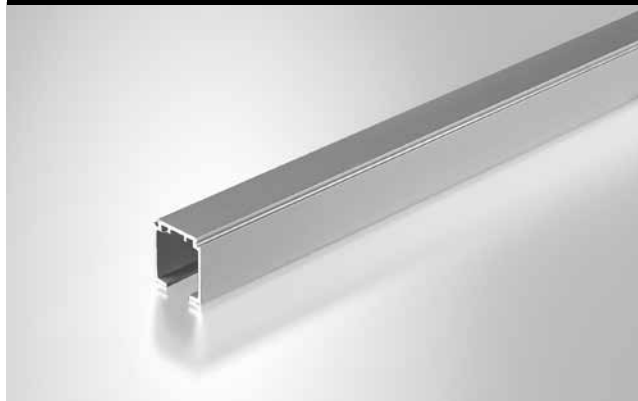
Sliding profile for frontal fixing



| Cod.        | Finitura           | Finish          |
|-------------|--------------------|-----------------|
| E17A00002   | anodizzato argento | anodized silver |
| E17A00002.N | nero opaco         | matt black      |

Profilo scorrevole per fissaggio a soffitto

Sliding profile for ceiling fixing



| Cod.        | Finitura           | Finish          |
|-------------|--------------------|-----------------|
| E17A00003   | anodizzato argento | anodized silver |
| E17A00003.N | nero opaco         | matt black      |

## 04.1 SISTEMI PER PORTE SCORREVOLI IN ALLUMINIO - ALUMINIUM SLIDING DOOR SYSTEMS

### 04.1.4.4 BRIO "FR" PER PORTE INTELAIATE - BRIO "FR" FOR FRAMED DOORS

Copertina H 56 mm

H 56 mm cover



| Cod.        | Finitura           | Finish          |
|-------------|--------------------|-----------------|
| E17A00065   | anodizzato argento | anodized silver |
| E17A00065.N | nero opaco         | matt black      |

Coppia di tappi terminali H 56 mm

Pair of end caps H 56 mm



| Cod.        | Finitura           | Finish          |
|-------------|--------------------|-----------------|
| E17A00066   | anodizzato argento | anodized silver |
| E17A00066.N | nero opaco         | matt black      |

## Kit anta scorrevole intelaiata completa di profili ed accessori

## Framed sliding door kit including profiles and accessories



| Cod.        | Lt      | Ht      | T      | Finitura           | Lt      | Ht      | T      | Finish          |
|-------------|---------|---------|--------|--------------------|---------|---------|--------|-----------------|
| E17A00081   | 1400 mm | 3000 mm | 6-8 mm | anodizzato argento | 1400 mm | 3000 mm | 6-8 mm | anodized silver |
| E17A00081.N | 1400 mm | 3000 mm | 6-8 mm | nero opaco         | 1400 mm | 3000 mm | 6-8 mm | matt black      |

## Set di accessori ad innesto rapido

## Set of accessories for quick coupling



**Completo di due carrelli, stopper, guida a pavimento e chiave di fissaggio dado.**

Including two roller carriages, stoppers, floor guide and nut fixing key.

| Cod.      | Portata | Capacity |
|-----------|---------|----------|
| E17A00053 | 120 kg  | 120 kg   |

## Set di accessori ad innesto rapido

## Set of accessories for quick coupling



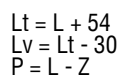
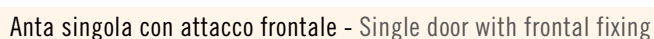
**Completo di due carrelli con ammortizzatori "Mini", stopper, guida a pavimento e chiave di fissaggio dado.**

Including two roller carriages with "Mini" soft-close, stoppers, floor guide and nut fixing key.

| Cod.      | Portata | Larghezza minima anta (Lt) | Capacity | Door minimum width (Lt) |
|-----------|---------|----------------------------|----------|-------------------------|
| E17A00054 | 80 kg   | 650 mm                     | 80 kg    | 650 mm                  |
| E17A00055 | 80 kg   | 740 mm                     | 80 kg    | 740 mm                  |
| E17A00056 | 120 kg  | 740 mm                     | 120 kg   | 740 mm                  |

#### 04.1.4.4 BRIO "FR" PER PORTE INTELAIATE - BRIO "FR" FOR FRAMED DOORS

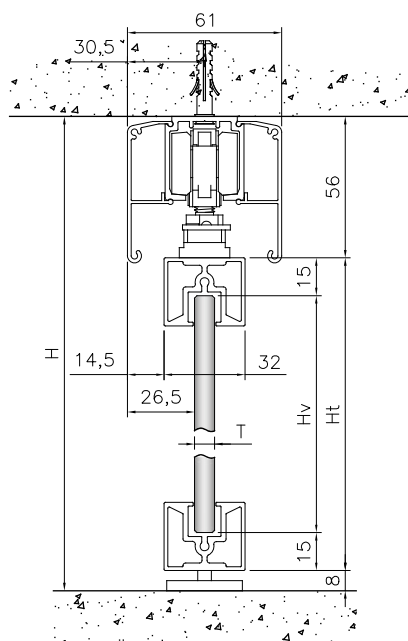
Ante singola/doppia attacco frontale - Single/double door with frontal fixing


$$\begin{aligned} L_t &= (L - X_a) / 2 + 27 \\ L_v &= L_t - 30 \\ P &= L - 2Z \end{aligned}$$



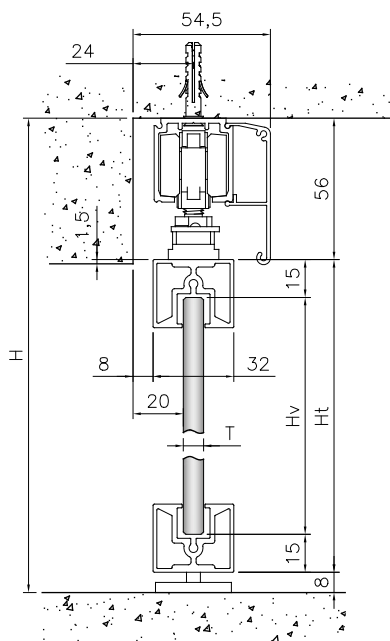
## Calcolo della misura dei vetri - Calculation of glass dimensions

### Ante singola/doppia attacco a soffitto - Single/double door with ceiling fixing



$$H_t = H - 64\text{mm}$$

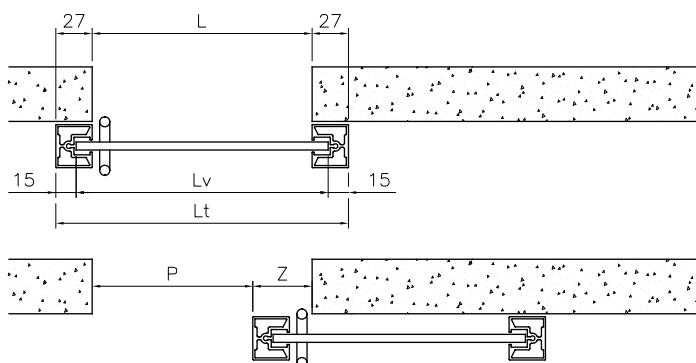
$$H_v = H_t - 30\text{mm}$$



$$H_t = H - 64\text{mm}$$

$$H_v = H_t - 30\text{mm}$$

### Anta singola con attacco soffitto - Single door with ceiling fixing



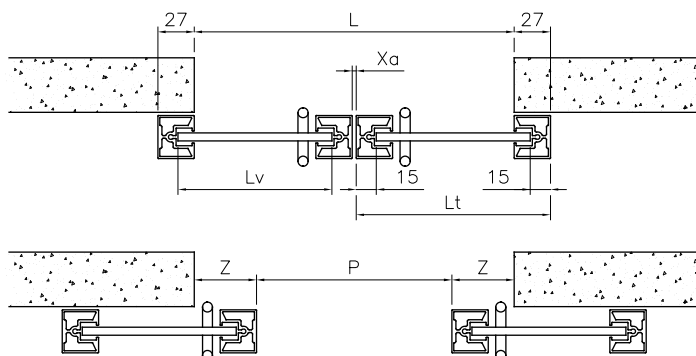
$$L_t = L + 54$$

$$L_v = L_t - 30$$

$$P = L - Z$$

L = Larghezza vano  
Space width  
P = Passaggio utile  
Opening  
Lv = Larghezza vetro scorrevole  
Sliding glass width  
Lt = Larghezza telaio  
Frame width  
Z = Ingombro maniglione  
Handle overall dimensions  
Xa = Aria  
Space

### Anta doppia con attacco soffitto - Double door with ceiling fixing



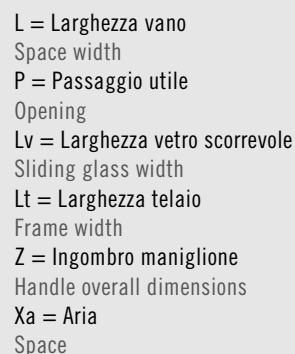
$$L_t = (L - X_a) / 2 + 27$$

$$L_v = L_t - 30$$

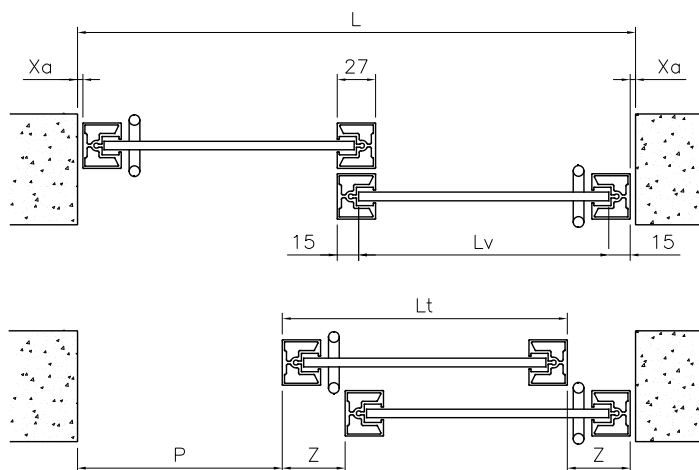
$$P = L - 2Z$$

#### 04.1.4.4 BRIO "FR" PER PORTE INTELAiate - BRIO "FR" FOR FRAMED DOORS

Anta doppia sovrapponibile fissaggio a soffitto - Double overlapped door with ceiling fixing



Anta doppia sovrapponibile fissaggio a soffitto - Double overlapped door with ceiling fixing



$$\begin{aligned} Lt &= (L - 2Xa + 27) / 2 \\ Lv &= Lt - 30 \\ P &= L - 2Xa - Z - Lt \end{aligned}$$





## 04.1.5 MAXI

Sistema scorrevole per ante tuttovetro di grande formato con peso fino a 250 kg.

Scorrevole con ante ammortizzate con foro di sicurezza per uno spessore vetro fino a 19 mm.

## MAXI

System for frameless doors of large dimensions and weight up to 250 kg.

System with soft-close and safety hole for glass thickness up to 19 mm.



## 04.1 SISTEMI PER PORTE SCORREVOLI IN ALLUMINIO - ALUMINIUM SLIDING DOOR SYSTEMS

### 04.1.5 MAXI

Sistema scorrevole per ante tuttovetro di forti spessori, da 8÷12,76 mm e da 15÷19 mm.

Possibilità di fissaggio a soffitto oppure frontale grazie alle apposite staffe a "L".

Portata ammortizzatori fino a 180 kg o 250 kg.

Larghezza anta minima 700 mm.

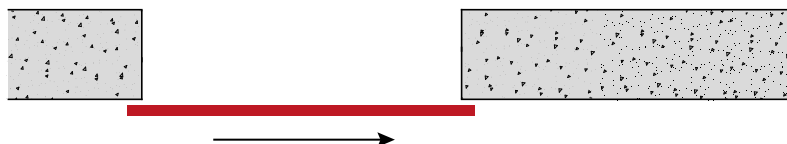
Sliding system for all-glass doors with heavy thickness, i.e. 8÷12.76 mm and 15÷19 mm.

Available with ceiling fixing or with frontal fixing using dedicated "L" shaped brackets.

Soft-close capacity up to 180 kg or 250 kg.

Minimum door width 700 mm.

### CONFIGURAZIONI - CONFIGURATION



### COMPOSIZIONE - COMPOSITION

Attacco frontale per vetro 8÷12,76 mm  
Frontal fixing for 8÷12.76 mm

|                      |                       |
|----------------------|-----------------------|
| <b>E17M00101</b>     | 1 pz/1 pcs            |
| <b>E17M00200</b>     | 1 pz/1 pcs 50 cm      |
| <b>E17M00301</b>     | 1 pz/1 pcs            |
| <b>E17M00501</b>     | 1 cp/1 pair           |
| <b>E17M10100÷600</b> | 1 pz/anta/1 pcs/door  |
| <b>E17M01101</b>     | 2 pz/2 pcs            |
| <b>E17M01201</b>     | 1 cp/anta/1 pair/door |

Attacco soffitto per vetro 8÷12,76 mm  
Ceiling fixing for 8÷12.76 mm

|                      |                       |
|----------------------|-----------------------|
| <b>E17M00101</b>     | 1 pz/1 pcs            |
| <b>E17M00301</b>     | 2 pz/2 pcs            |
| <b>E17M00401</b>     | 1 cp/1 pair           |
| <b>E17M10100÷600</b> | 1 pz/anta/1 pcs/door  |
| <b>E17M01101</b>     | 2 pz/2 pcs            |
| <b>E17M01201</b>     | 1 cp/anta/1 pair/door |

Attacco frontale per vetro 15÷19 mm  
Frontal fixing for 15÷19 mm

|                      |                       |
|----------------------|-----------------------|
| <b>E17M00101</b>     | 1 pz/1 pcs            |
| <b>E17M00200</b>     | 1 pz/1 pcs 50 cm      |
| <b>E17M00301</b>     | 1 pz/1 pcs            |
| <b>E17M00501</b>     | 1 cp/1 pair           |
| <b>E17M11100÷800</b> | 1 pz/anta/1 pcs/door  |
| <b>E17M02101</b>     | 2 pz/2 pcs            |
| <b>E17M02201</b>     | 1 cp/anta/1 pair/door |

Attacco soffitto per vetro 15÷19 mm  
Ceiling fixing for 15÷19 mm

|                      |                       |
|----------------------|-----------------------|
| <b>E17M00101</b>     | 1 pz/1 pcs            |
| <b>E17M00301</b>     | 2 pz/2 pcs            |
| <b>E17M00401</b>     | 1 cp/1 pair           |
| <b>E17M11100÷800</b> | 1 pz/anta/1 pcs/door  |
| <b>E17M02101</b>     | 2 pz/2 pcs            |
| <b>E17M02201</b>     | 1 cp/anta/1 pair/door |

Profilo scorrevole per fissaggio a soffitto

Sliding profile for ceiling fixing



**Cod.**  
**E17M00101**

**Finitura**  
anodizzato argento

**Finish**  
anodized silver

Staffa a "L" per fissaggio frontale

"L" shaped bracket for frontal fixing



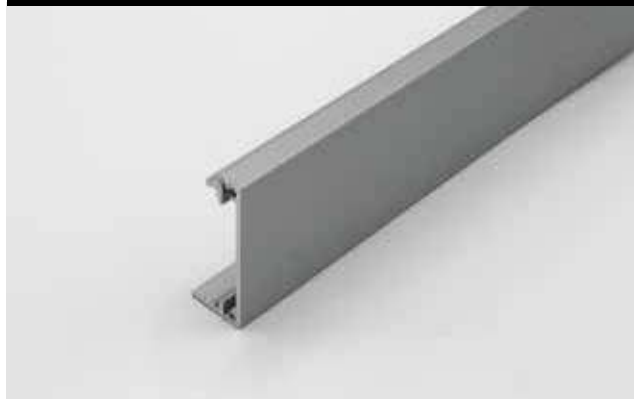
**Cod.**  
**E17M00200**

**Finitura**  
anodizzato argento

**Finish**  
anodized silver

Copertina per profilo scorrevole

Cover for sliding profile



**Cod.**  
**E17M00301**

**Finitura**  
anodizzato argento

**Finish**  
anodized silver



## 04.1 SISTEMI PER PORTE SCORREVOLI IN ALLUMINIO - ALUMINIUM SLIDING DOOR SYSTEMS

### 04.1.5 MAXI

Coppia di tappi laterali fissaggio a soffitto

Pair of lateral caps for ceiling fixing



| Cod.      | Finitura           | Finish          |
|-----------|--------------------|-----------------|
| E17M00401 | anodizzato argento | anodized silver |

Coppia di tappi laterali fissaggio frontale

Pair of lateral caps for frontal fixing



| Cod.      | Finitura           | Finish          |
|-----------|--------------------|-----------------|
| E17M00501 | anodizzato argento | anodized silver |



## Set accessori per anta ammortizzata

## Set of accessories for door



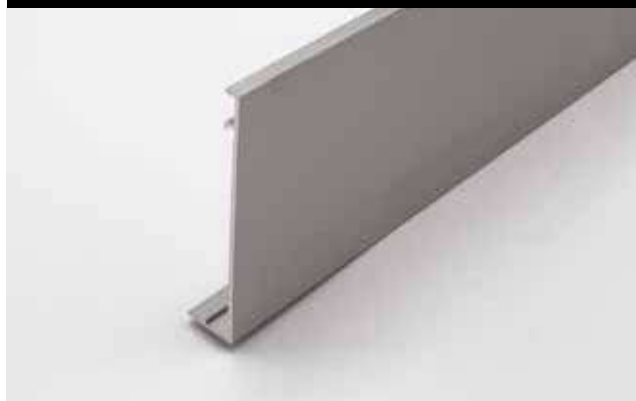
Con morsetto ad innesto rapido e foro di sicurezza  
vetro da 8÷12,76 mm.

With soft-close with quick coupling clamp  
and safety hole - glass from 8÷12.76 mm.

| Cod.      | Peso anta     | Vetro       | Door weight  | Glass       |
|-----------|---------------|-------------|--------------|-------------|
| E17M10100 | fino a 180 kg | 8-8,76 mm   | up to 180 kg | 8-8.76 mm   |
| E17M10200 | fino a 180 kg | 10-10,76 mm | up to 180 kg | 10-10.76 mm |
| E17M10300 | fino a 180 kg | 12-12,76 mm | up to 180 kg | 12-12.76 mm |
| E17M10400 | fino a 250 kg | 8-8,76 mm   | up to 250 kg | 8-8.76 mm   |
| E17M10500 | fino a 250 kg | 10-10,76 mm | up to 250 kg | 10-10.76 mm |
| E17M10600 | fino a 250 kg | 12-12,76 mm | up to 250 kg | 12-12.76 mm |

## Copertina copri morsetti

## Clamps cover



| Cod.      | Vetro      | Glass      |
|-----------|------------|------------|
| E17M01101 | 8÷12,76 mm | 8÷12.76 mm |

## Coppia di tappi laterali

## Pair of lateral caps



| Cod.      | Vetro      | Glass      |
|-----------|------------|------------|
| E17M01201 | 8÷12,76 mm | 8÷12.76 mm |

## 04.1 SISTEMI PER PORTE SCORREVOLI IN ALLUMINIO - ALUMINIUM SLIDING DOOR SYSTEMS

### 04.1.5 MAXI

Set accessori per anta ammortizzata

Set of accessories for door



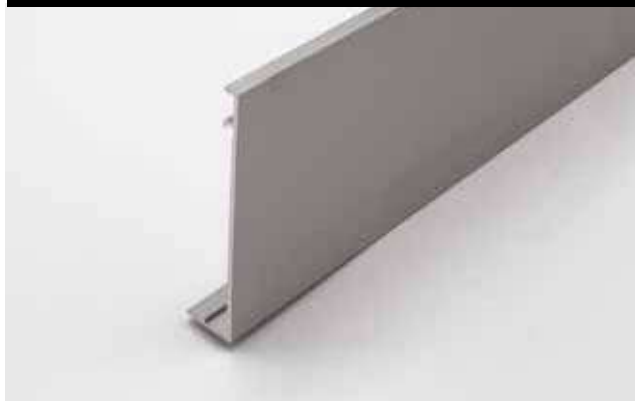
Con morsetto ad innesto rapido  
e foro di sicurezza - vetro da 15÷19 mm.

With soft-close with quick coupling clamp  
and safety hole - glass from 15÷19 mm.

| Cod.      | Peso anta     | Vetro       | Door weight  | Glass       |
|-----------|---------------|-------------|--------------|-------------|
| E17M11100 | fino a 180 kg | 15-15,76 mm | up to 180 kg | 15-15.76 mm |
| E17M11200 | fino a 180 kg | 16 mm       | up to 180 kg | 16 mm       |
| E17M11300 | fino a 180 kg | 17 mm       | up to 180 kg | 17 mm       |
| E17M11400 | fino a 180 kg | 19 mm       | up to 180 kg | 19 mm       |
| E17M11500 | fino a 250 kg | 15-15,76 mm | up to 250 kg | 15-15.76 mm |
| E17M11600 | fino a 250 kg | 16 mm       | up to 250 kg | 16 mm       |
| E17M11700 | fino a 250 kg | 17 mm       | up to 250 kg | 17 mm       |
| E17M11800 | fino a 250 kg | 19 mm       | up to 250 kg | 19 mm       |

Copertina copri morsetti

Clamps cover



| Cod.      | Vetro    | Glass    |
|-----------|----------|----------|
| E17M02101 | 15÷19 mm | 15÷19 mm |

Coppia di tappi laterali

Pair of lateral caps



| Cod.      | Vetro   | Glass    |
|-----------|---------|----------|
| E17M02201 | 15÷19mm | 15÷19 mm |

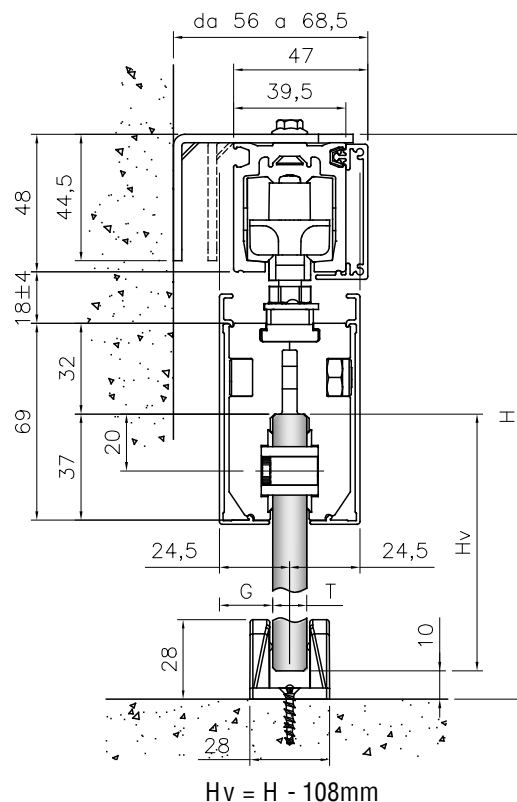
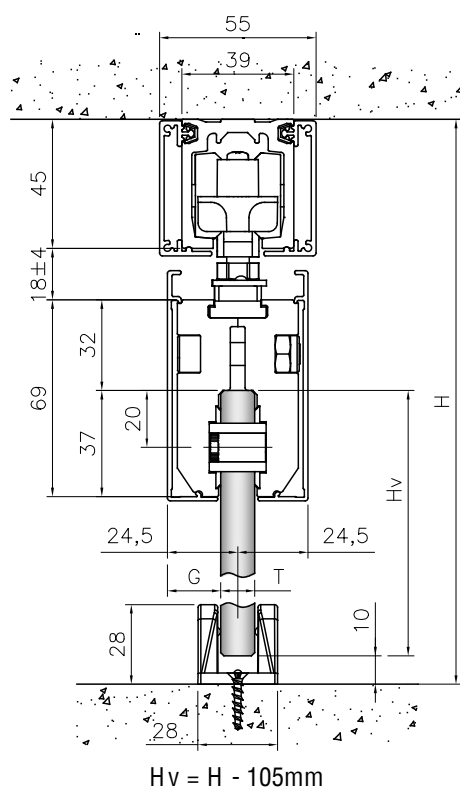


## 04.1 SISTEMI PER PORTE SCORREVOLI IN ALLUMINIO - ALUMINIUM SLIDING DOOR SYSTEMS

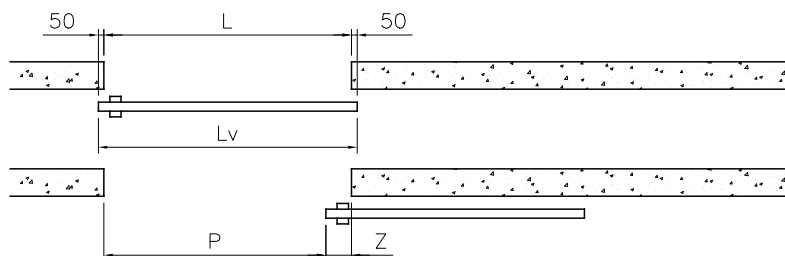
### 04.1.5 MAXI

#### Calcolo della misura dei vetri - Calculation of glass dimensions

Anta singola/doppia con attacco a soffitto/frontale per vetro 8÷12,76 mm - Single/double door with ceiling/frontal fixing for 8÷12.76 mm glass



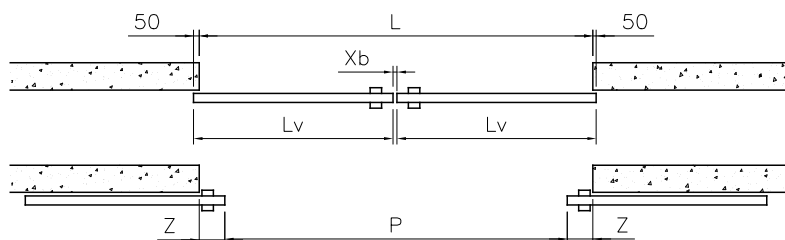
Anta singola con fissaggio a soffitto/frontale - Single door with ceiling/frontal fixing



$$L_v = L + 100$$

$$P = L - Z$$

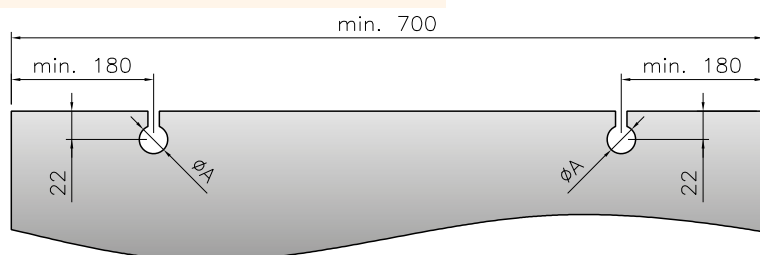
Anta doppia con fissaggio a soffitto/frontale - Double door with ceiling/frontal fixing



$$L_v = (L - X_b) / 2 + 50$$

$$P = L - 2Z$$

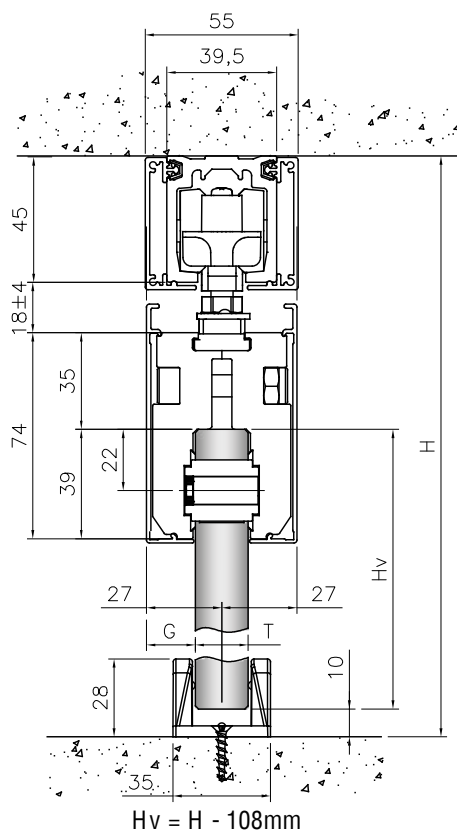
Lavorazione su vetro - Glass processing



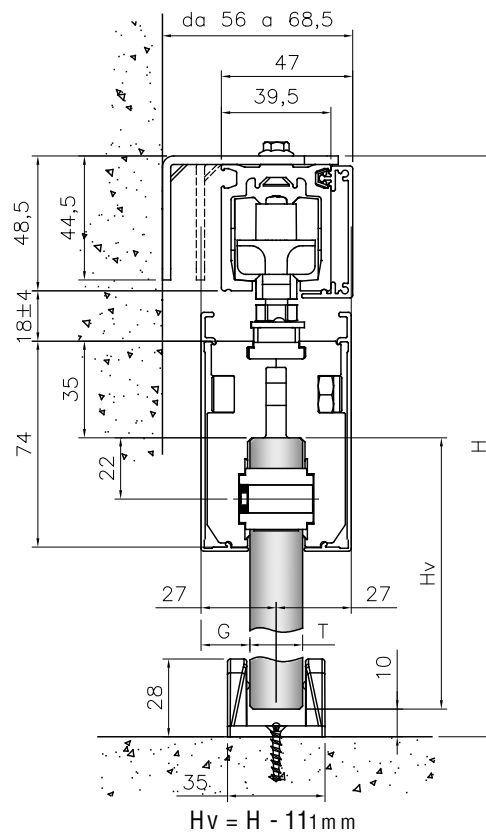
con T compreso tra 8-12,7mm --> ØA = Ø18mm  
con T superiore a 12,7mm --> ØA = Ø23mm

## Calcolo della misura dei vetri - Calculation of glass dimensions

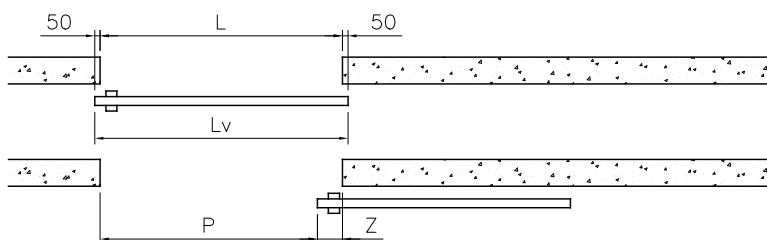
Anta singola/doppia con attacco a soffitto/frontale per vetro 15÷19 mm - Single/double door with ceiling/frontal fixing for glass 15÷19 mm



con T 15mm, G=19  
con T 16mm, G=18,5  
con T 17mm, G=18  
con T 19mm, G=17,5

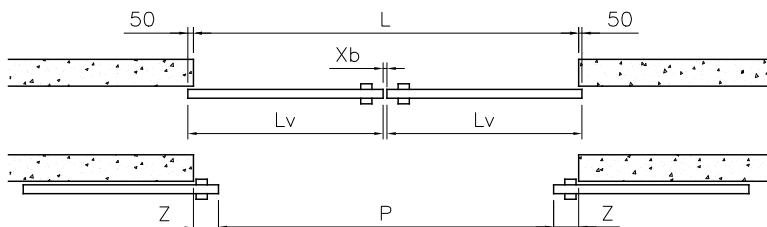


Anta singola con fissaggio a soffitto/frontale - Single door with ceiling/frontal fixing



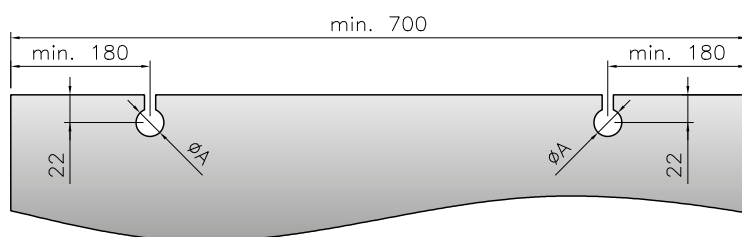
$L_v = L + 100$   
 $P = L - Z$

Anta doppia con fissaggio a soffitto/frontale - Double door with ceiling/frontal fixing



$L_v = (L - X_b) / 2 + 50$   
 $P = L - 2Z$

Lavorazione su vetro - Glass processing



con T compreso tra 8-12,7mm --> ØA = Ø18mm  
con T superiore a 12,7mm --> ØA = Ø23mm

L = Larghezza vano  
Space width  
P = Passaggio utile  
Opening  
Lv = Larghezza vetro scorrevole  
Sliding glass width  
Lt = Larghezza telaio  
Frame width  
Z = Ingombro maniglione  
Handle overall dimensions  
Xa = Aria  
Space





## 04.2 SISTEMI PER PORTE SCORREVOLI IN ACCIAIO

Questo capitolo presenta una serie di scorrevoli in acciaio AISI 304.

Il sistema "Sintek-Tritek" sono soluzioni di design suddivise in porte in vetro (Sintek1 e Tritek) e porte in legno (Sintek1 e 2) a binario sezione tonda Ø 25 mm.

"Round 25" è uno scorrevole con un design minimal e con barra tonda Ø 25 mm.

Il sistema "Terra" con scorrimento a pavimento chiude il capitolo.

Le formule per il calcolo delle misure dei vetri fanno riferimento ad applicazioni standard e NON sono da ritenersi vincolanti su tutti i tipi di installazioni, soprattutto dove si possono riscontrare casistiche particolari (come fissaggi su pareti o strutture non particolarmente adatte per il sostegno del sistema).

## 04.2 STEEL SLIDING SYSTEMS

This chapter presents some solutions for sliding doors in AISI 304 stainless steel.

The "Sintek-Tritek" systems are desing systems suitable for glass doors (Sintek1 - Tritek) and wooden doors (Sintek1 and 2) and have a round guide-rail Ø 25 mm.

The "Round 25" system has a minimal design and uses a round guide-rail Ø 25 mm.

The "Terra" system with its floor sliding profile closes this chapter.

The formulas to calculate the glass dimensions refer to standard applications and they do not have to be considered as binding on all installations, expecially in case of particular situations (e.g. fixing on walls or structures not suitable for the support of the system).



## 04.2 SISTEMI PER PORTA SCORREVOLI IN ACCIAIO - STEEL SLIDING SYSTEMS

### 04.2.1 SINTEK-TRITEK BARRA PIENA - SINTEK-TRITEK FULL GUIDE-RAIL

#### In acciaio AISI 304.

Sistema scorrevole di design che prevede due tipologie di carrelli di scorrimento su di un binario a sezione tonda piena Ø 25 mm.

Con fissaggio frontale, a soffitto o a vetro.

Spessore: vetro 8-10-12 mm - legno max 40 mm.

Portata massima anta 125 kg/anta.

Consigliata minimo anta 600 mm.

Attacco a parete, a sopra luce e a soffitto.

#### In AISI 304 stainless steel.

Design sliding system offering two types of roller carriages on full round guide-rail Ø 25 mm.

Frontal, ceiling or glass fixing.

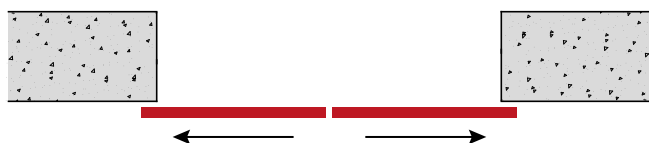
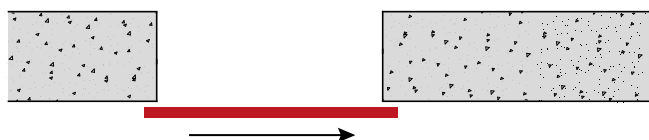
Glass thickness: 8-10-12 mm - wood max 40 mm.

Maximum door capacity 125 kg/door.

Suggested minimum door width 600 mm.

Wall, transom and ceiling fixing.

### CONFIGURAZIONI - CONFIGURATION



### COMPOSIZIONE - COMPOSITION

|                    |                           |
|--------------------|---------------------------|
|                    |                           |
| E07S10061-68-62-63 | 1 pz/anta/1 pcs/door      |
| E07S10001-2-3-4-5  | 1 pz/1 pcs                |
| E07S10031-35-39    | 1 pz-1 foro /1 pcs-1 hole |
| E07S10082          | 2 pz/anta/2 pcs/door      |
| E07S10091-94-93    | 1 pz/anta/1 pcs/door      |



Coppia di carrelli per "Sintek1" vetro

Pair of roller carriages for "Sintek1" for glass doors



| Cod.      | Vetro      | Finitura | Glass      | Finish |
|-----------|------------|----------|------------|--------|
| E07S10061 | 8-10-12 mm | satinato | 8-10-12 mm | satin  |

Coppia di carrelli per "Tritek"

Pair of roller carriages for "Tritek"



| Cod.      | Vetro      | Finitura | Glass      | Finish |
|-----------|------------|----------|------------|--------|
| E07S10068 | 8-10-12 mm | satinato | 8-10-12 mm | satin  |

Coppia di carrelli "Sintek1" legno

Pair of roller carriages for "Sintek1" for wooden doors



| Cod.      | Spessore  | Finitura | Thickness | Finish |
|-----------|-----------|----------|-----------|--------|
| E07S10062 | max 40 mm | satinato | max 40 mm | satin  |

## 04.2 SISTEMI PER PORTA SCORREVOLI IN ACCIAIO - STEEL SLIDING SYSTEMS

### 04.2.1 SINTEK-TRITEK BARRA PIENA - SINTEK-TRITEK FULL GUIDE-RAIL

Coppia di carrelli per "Sintek2" legno

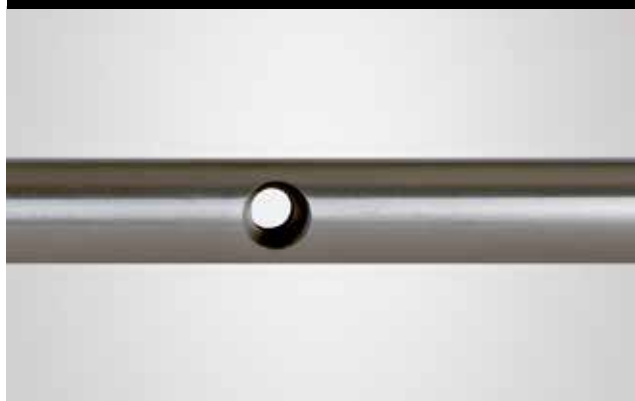
Pair of roller carriages for "Sintek2" for wooden doors



| Cod.             | Vetro      | Finitura | Glass      | Finish |
|------------------|------------|----------|------------|--------|
| <b>E07S10063</b> | 8-10-12 mm | satinato | 8-10-12 mm | satin  |

Guida sezione tonda piena Ø 25 mm

Full round guide-rail Ø 25 mm



| Cod.             | n° fori | L        | Finitura | no. of holes | L          | Finish |
|------------------|---------|----------|----------|--------------|------------|--------|
| <b>E07S10001</b> | 3       | 1800 mm  | satinato | 3            | 1800 mm    | satin  |
| <b>E07S10002</b> | 4       | 2100 mm  | satinato | 4            | 2100 mm    | satin  |
| <b>E07S10003</b> | 4       | 2300 mm  | satinato | 4            | 2300 mm    | satin  |
| <b>E07S10004</b> | 4       | 2540 mm  | satinato | 4            | 2540 mm    | satin  |
| <b>E07S10005</b> | -       | a misura | satinato | -            | customized | satin  |

Set di fissaggio a muro - per porta in vetro con guida tonda piena con fori  
 $\varnothing$  25 mm - distanziale 5 mm

Wall fixing set - for glass door with full round guide-rail with holes  
 $\varnothing$  25 mm - 5 mm spacer



| Cod.      | Finitura | Finish |
|-----------|----------|--------|
| E07S10031 | satinato | satin  |

Set di fissaggio a vetro - per porta in vetro con guida tonda piena con fori  
 $\varnothing$  25 mm - distanziale 5 mm

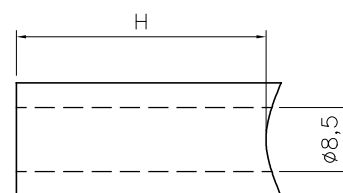
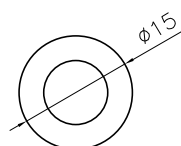
Glass fixing set - for glass door with full round guide-rail with  
holes  $\varnothing$  25 mm - 5 mm spacer



| Cod.      | Finitura | Finish |
|-----------|----------|--------|
| E07S10035 | satinato | satin  |

Distanziatore per set di fissaggio

Spacer for fixing set



| Cod.      | H     | Finitura | H     | Finish |
|-----------|-------|----------|-------|--------|
| E07S10051 | 5 mm  | satinato | 5 mm  | satin  |
| E07S10052 | 19 mm | satinato | 19 mm | satin  |
| E07S10053 | 33 mm | satinato | 33 mm | satin  |

## 04.2 SISTEMI PER PORTA SCORREVOLI IN ACCIAIO - STEEL SLIDING SYSTEMS

### 04.2.1 SINTEK-TRITEK BARRA PIENA - SINTEK-TRITEK FULL GUIDE-RAIL

Set di fissaggio a muro laterale - per guida tonda piena con fori o tubolare  
Ø 25 mm

Lateral wall fixing set - for glass door with full round guide-rail  
with holes or empty guide-rail Ø 25 mm



| Cod.      | Finitura | Finish |
|-----------|----------|--------|
| E07S10038 | satinato | satin  |

Set di fissaggio a soffitto - per guida tonda piena con fori o tubolare  
Ø 25 mm

Ceiling fixing set - for glass door with full round guide with holes  
or empty guide-rail Ø 25 mm



| Cod.      | Finitura | Finish |
|-----------|----------|--------|
| E07S10039 | satinato | satin  |

Stopper per montaggio su barra "Sintek-Tritek" Ø 39 mm - L 45 mm

Ø 39 mm stopper for "Sintek-Tritek" guide-rail - L 45 mm



| Cod.      | Finitura | Finish |
|-----------|----------|--------|
| E07S10082 | satinato | satin  |

Blocchetto guida a pavimento per porte in vetro

Floor guide for glass doors



| Cod.      | Vetro      | Finitura | Glass      | Finish |
|-----------|------------|----------|------------|--------|
| E07S10091 | 8-10-12 mm | satinato | 8-10-12 mm | satin  |

Blocchetto guida a pavimento quadro per porte in vetro

Square floor guide for glass doors



| Cod.      | Vetro      | Finitura | Glass      | Finish |
|-----------|------------|----------|------------|--------|
| E07S10094 | 8-10-12 mm | satinato | 8-10-12 mm | satin  |

Blocchetto guida a pavimento in ferro zincato per porte in legno

Floor guide in galvanized iron for wooden doors



| Cod.      | Spessore  | Thickness |
|-----------|-----------|-----------|
| E07S10093 | max 40 mm | max 40 mm |

## 04.2 SISTEMI PER PORTA SCORREVOLI IN ACCIAIO - STEEL SLIDING SYSTEMS

### 04.2.1 SINTEK-TRITEK BARRA PIENA - SINTEK-TRITEK FULL GUIDE-RAIL

Chiave a compasso per fissaggio borchia con fori

Compass key for drill studs fixing



|           |  |  |
|-----------|--|--|
| Cod.      |  |  |
| E07S10100 |  |  |



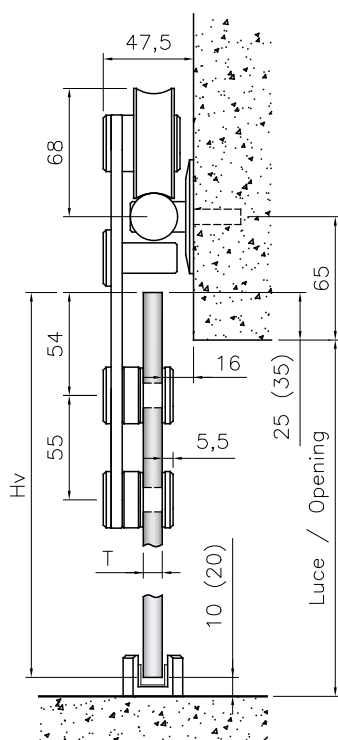


## 04.2 SISTEMI PER PORTA SCORREVOLI IN ACCIAIO - STEEL SLIDING SYSTEMS

### 04.2.1 SINTEK-TRITEK BARRA PIENA - SINTEK-TRITEK FULL GUIDE-RAIL

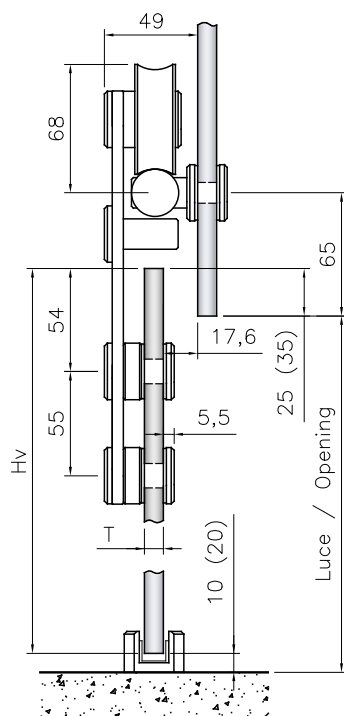
Sintek1 vetro: calcolo della misura dei vetri - Sintek1 for glass: calculation of glass dimensions

Fissaggio frontale a muro  
Wall frontal fixing



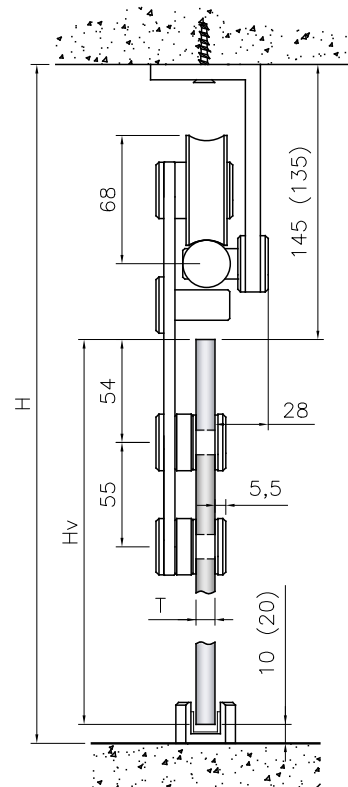
$$H_v = \text{Luce} + 15\text{mm}$$

Fissaggio frontale a vetro  
Glass frontal fixing



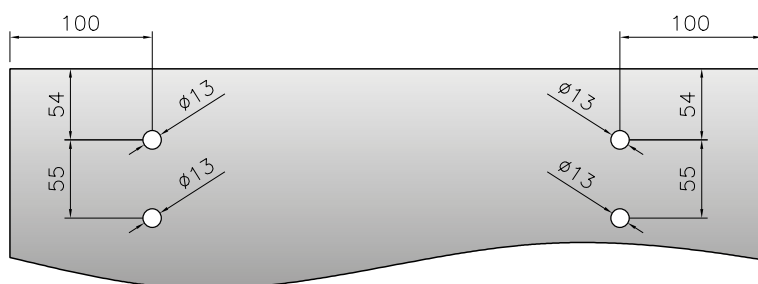
$$H_v = \text{Luce} + 15\text{mm}$$

Fissaggio a soffitto  
Ceiling fixing

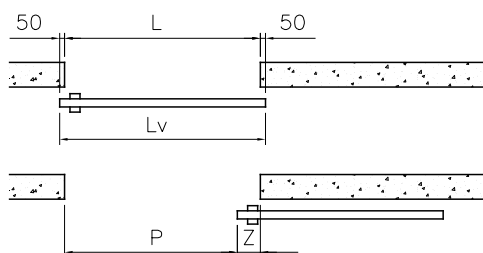


$$H_v = H - 155\text{mm}$$

#### Lavorazione su vetro - Glass processing



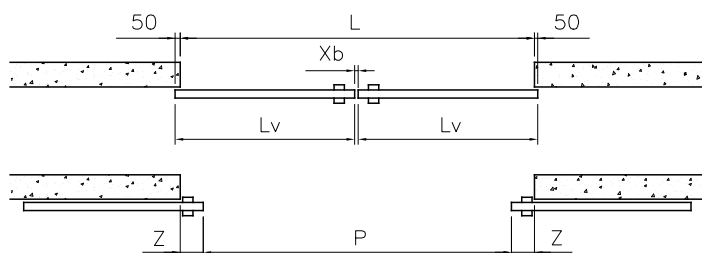
Anta singola con fissaggio frontale/soffitto  
Single door with frontal/ceiling fixing



$$L_v = L + 100$$

$$P = L - Z$$

Anta doppia con fissaggio frontale/soffitto  
Double door with frontal/ceiling fixing



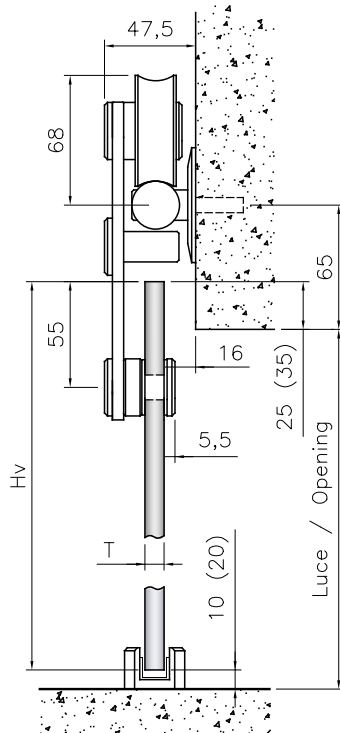
$$L_v = (L - X_b) / 2 + 50$$

$$P = L - 2Z$$



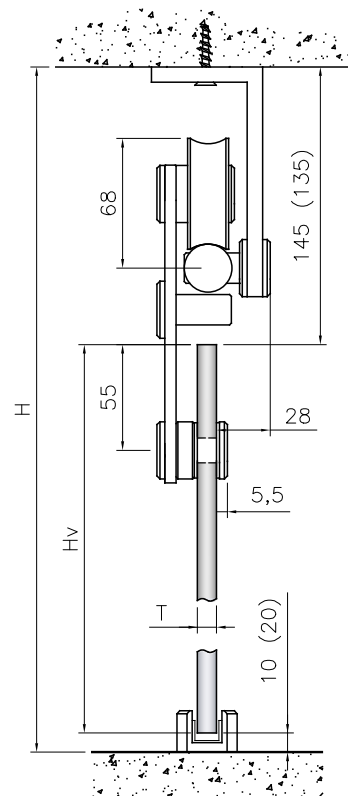
## Tritek vetro: calcolo della misura dei vetri - Tritek for glass: calculation of glass dimensions

### Fissaggio frontale Frontal fixing



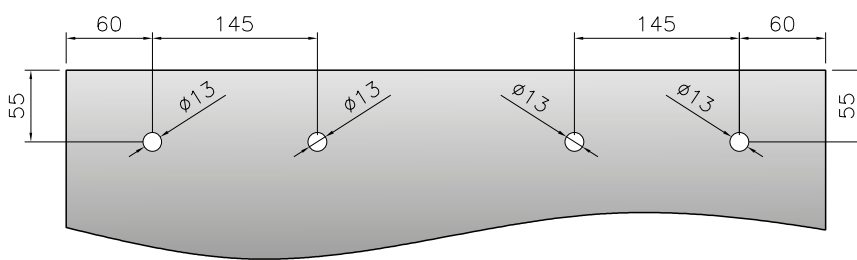
$$H_v = \text{Luce} + 15\text{mm}$$

### Fissaggio a soffitto Ceiling fixing



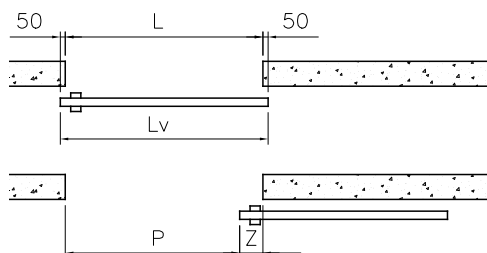
$$H_v = H - 155\text{mm}$$

### Lavorazione su vetro - Glass processing



L = Larghezza vano  
Space width  
P = Passaggio utile  
Opening  
Lv = Larghezza vetro scorrevole  
Sliding glass door width  
Z = Ingombro maniglione  
Handle overall dimensions  
Xb = Aria per guarnizione  
Gasket space

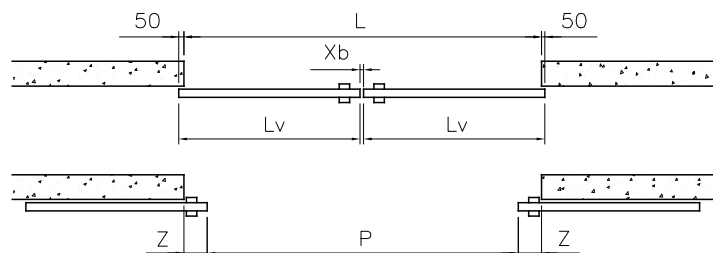
### Anta singola con fissaggio frontale/soffitto Single door with frontal/ceiling fixing



$$L_v = L + 100$$

$$P = L - Z$$

### Anta doppia con fissaggio frontale/soffitto Double door with frontal/ceiling fixing



$$L_v = (L - X_b) / 2 + 50$$

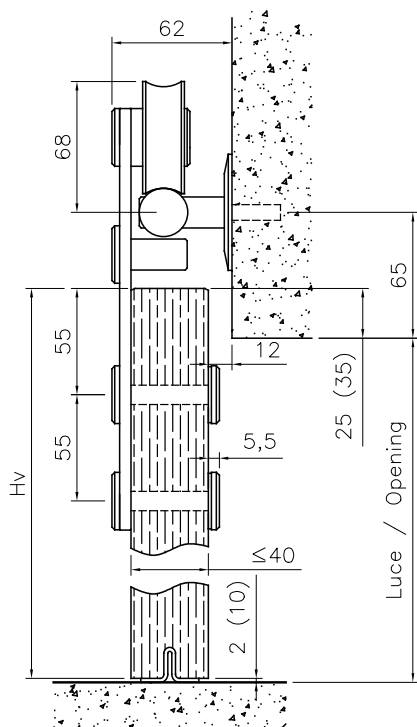
$$P = L - 2Z$$

## 04.2 SISTEMI PER PORTA SCORREVOLI IN ACCIAIO - STEEL SLIDING SYSTEMS

### 04.2.1 SINTEK-TRITEK BARRA PIENA - SINTEK-TRITEK FULL GUIDE-RAIL

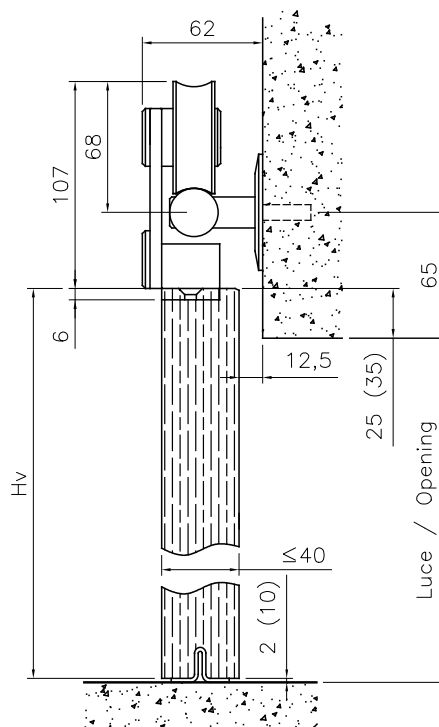
Sintek1-Sintek2 legno: calcolo della misura dei vetri - Sintek1-Sintek2 for wooden doors: Calculation of glass dimensions

Anta singola con fissaggio frontale/soffitto  
Single door with frontal/ceiling fixing



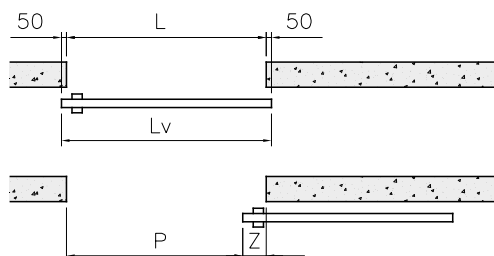
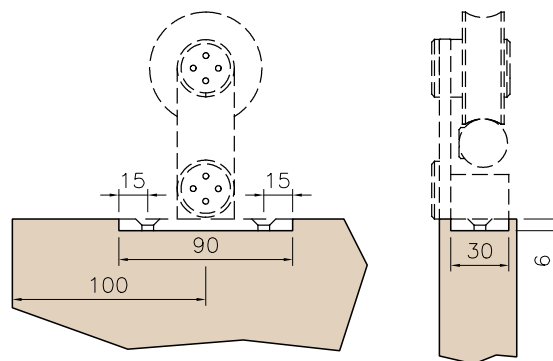
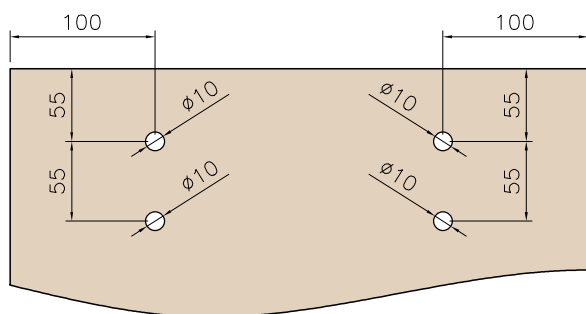
$$H_v = \text{Luce} + 23\text{mm}$$

Anta doppia con fissaggio frontale/soffitto  
Double door with frontal/ceiling fixing



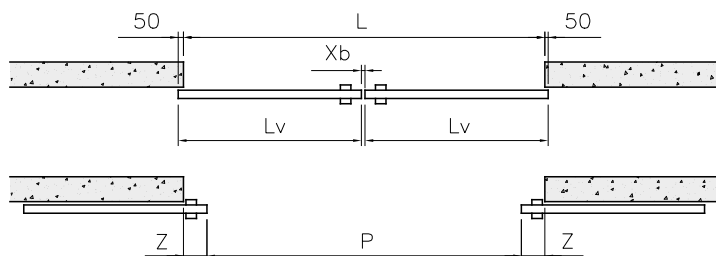
$$H_v = \text{Luce} + 23\text{mm}$$

#### Lavorazione su porta - Door processing



$$L_v = L + 100$$

$$P = L - Z$$



$$L_v = (L - X_b) / 2 + 50$$

$$P = L - 2Z$$

L = Larghezza vano - Space width  
P = Passaggio utile - Opening  
Lv = Larghezza vetro scorrevole  
Sliding glass door width  
Z = Ingombro maniglione  
Handle overall dimensions  
Xb = Aria per guarnizione - Gasket space



## 04.2 SISTEMI PER PORTA SCORREVOLI IN ACCIAIO - STEEL SLIDING SYSTEMS

### 04.2.2 SINTEK BARRA VUOTA - SINTEK WITH EMPTY GUIDE-RAIL

#### In acciaio AISI 304.

Sistema scorrevole in acciaio di design con carrelli di scorrimento su di un binario a sezione tonda Ø 25 mm vuota.

Con fissaggio frontale o a vetro.

Spessore vetro 8-10-12 mm.

Portata massima 125 kg/anta.

Consigliata minimo anta 600 mm.

#### In AISI 304 stainless steel.

Design sliding system in steel with roller carriages on Ø 25 mm round guide-rail.

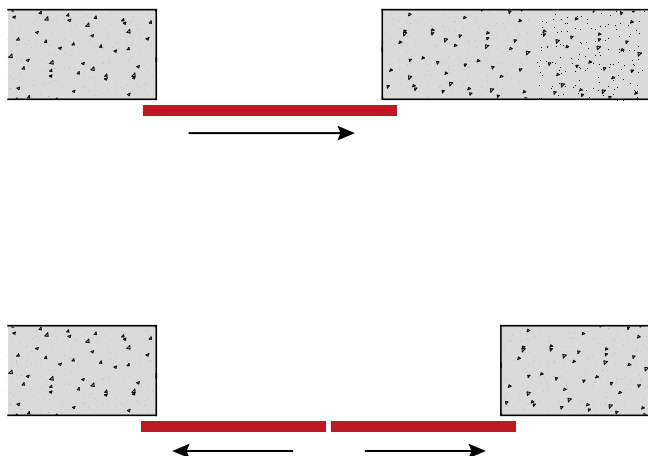
With frontal or glass fixing.

Glass thickness 8-10-12 mm.

Maximum door capacity 125 kg/door.

Suggested minimum door width 600 mm.

### CONFIGURAZIONI - CONFIGURATION

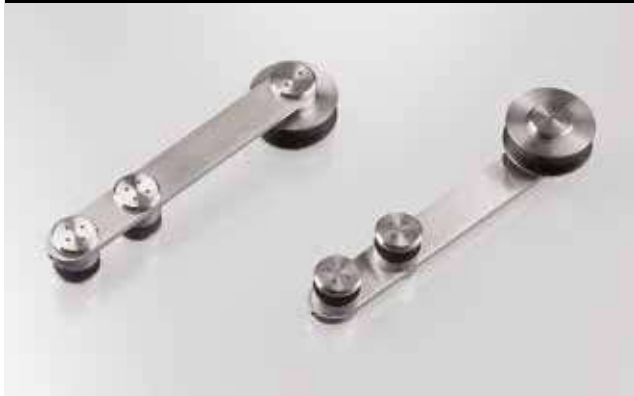


### COMPOSIZIONE - COMPOSITION

|                              |                        |
|------------------------------|------------------------|
| <b>E07S10161</b>             | 1 pz/anta/1 pcs/door   |
| <b>E07S10011-12-13-14-15</b> | 1 pz/1pcs              |
| <b>E07S10057</b>             | 1 cp/1 pair            |
| <b>E07S10134-135</b>         | 1 pz-45 cm/1 pcs-45 cm |
| <b>E07S10182</b>             | 1 cp/anta/1 pair/door  |
| <b>E07S10091-94</b>          | 1 pz/anta/1 pcs/door   |

Coppia di carrelli per "Sintek1" vetro senza antiscarrucolamento con guida tubolare Ø 25 mm

Pair of roller carriages for "Sintek1" for glass without anti-jump device with empty Ø 25 mm guide-rail



| Cod.      | Vetro      | Finitura | Glass      | Finish |
|-----------|------------|----------|------------|--------|
| E07S10161 | 8-10-12 mm | satinato | 8-10-12 mm | satin  |

Guida sezione tubolare Ø 25 mm

Empty Ø 25 mm guide-rail



| Cod.      | L        | Finitura | L          | Finish |
|-----------|----------|----------|------------|--------|
| E07S10011 | 1800 mm  | satinato | 1800 mm    | satin  |
| E07S10012 | 2100 mm  | satinato | 2100 mm    | satin  |
| E07S10013 | 2300 mm  | satinato | 2300 mm    | satin  |
| E07S10014 | 2450 mm  | satinato | 2450 mm    | satin  |
| E07S10015 | a misura | satinato | customized | satin  |

Tappi di chiusura laterali per guida tubolare Ø 25 mm

Lateral closing caps for empty Ø 25 mm guide-rail



| Cod.      | Finitura | Finish |
|-----------|----------|--------|
| E07S10057 | satinato | satin  |

## 04.2 SISTEMI PER PORTA SCORREVOLI IN ACCIAIO - STEEL SLIDING SYSTEMS

### 04.2.2 SINTEK BARRA VUOTA - SINTEK WITH EMPTY GUIDE-RAIL

Set di fissaggio a muro semitondo per porte in vetro con altezza variabile - per guida Ø 25 mm

Half-round wall fixing set for glass doors with adjustable height for Ø 25 mm empty guide-rail



| Cod.      | Finitura | Finish |
|-----------|----------|--------|
| E07S10134 | satinato | satin  |

Set di fissaggio a muro semitondo per porte in vetro con borchia testa svasata - per guida Ø 25 mm

Half-round wall fixing set for glass doors with countersunk-head stud - for empty Ø 25 mm guide-rail



| Cod.      | Finitura | Finish |
|-----------|----------|--------|
| E07S10135 | satinato | satin  |

Coppia di stopper per montaggio su barra

Pair stoppers for guide-rail



| Cod.      | Finitura | Finish |
|-----------|----------|--------|
| E07S10182 | satinato | satin  |

Blocchetto guida a pavimento per porte in vetro

Floor guide for glass doors



| Cod.      | Vetro      | Finitura | Glass      | Finish |
|-----------|------------|----------|------------|--------|
| E07S10091 | 8-10-12 mm | satinato | 8-10-12 mm | satin  |

Blocchetto guida a pavimento quadro per porte in vetro

Square floor guide for glass doors



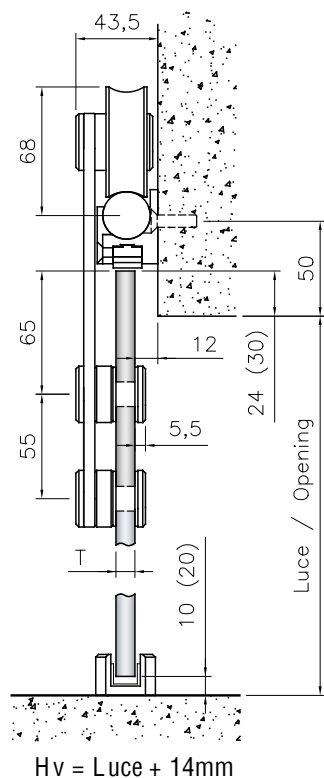
| Cod.      | Vetro      | Finitura | Glass      | Finish |
|-----------|------------|----------|------------|--------|
| E07S10094 | 8-10-12 mm | satinato | 8-10-12 mm | satin  |

## 04.2 SISTEMI PER PORTA SCORREVOLI IN ACCIAIO - STEEL SLIDING SYSTEMS

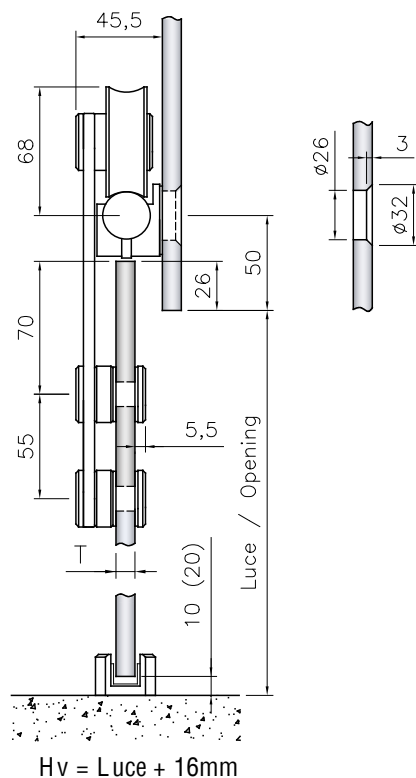
### 04.2.2 SINTEK1 VETRO BARRA VUOTA - SINTEK1 FOR GLASS - EMPTY GUIDE-RAIL

#### Calcolo della misura dei vetri - Calculation of glass dimensions

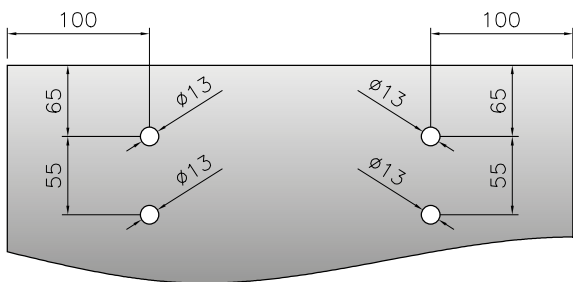
Fissaggio a muro regolabile - Adjustable wall fixing



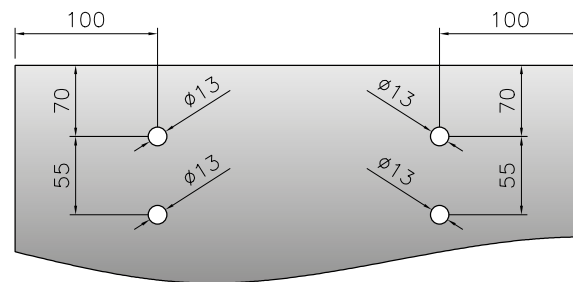
Fissaggio a muro non regolabile - Non-adjustable wall fixing



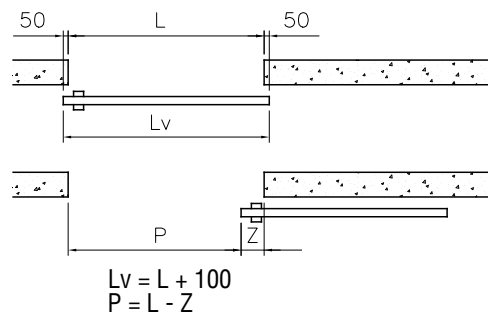
#### Lavorazione su vetro anta fissaggio a muro Glass processing for door with wall fixing



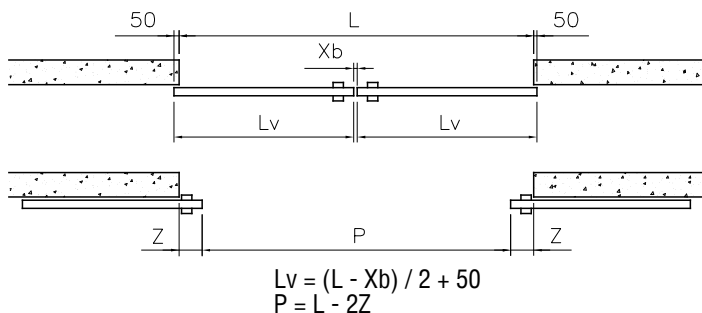
#### Lavorazione su vetro anta fissaggio a vetro Glass processing for door with glass fixing



#### Anta singola con fissaggio frontale/soffitto Single door with frontal/ceiling fixing



#### Anta doppia con fissaggio frontale/soffitto Double door with frontal/ceiling fixing



L = Larghezza vano - Space width  
P = Passaggio utile - Opening  
Lv = Larghezza vetro scorrevole  
Sliding glass door width

Z = Ingombro maniglione  
Handle overall dimensions  
Xb = Aria per guarnizione Gasket space





## 04.2 SISTEMI PER PORTA SCORREVOLI IN ACCIAIO - STEEL SLIDING SYSTEMS

### 04.2.3 ROUND 25

#### In acciaio AISI 304.

Sistema scorrevole in acciaio AISI 304 di massima essenzialità con design minimalista a barra piena Ø 25mm. Con fissaggio frontale.

Finitura satinata e lucida.

Spessore vetro 8-10 mm.

Portata massima 80 kg/anta.

Consigliata minimo anta 600 mm.

#### In AISI 304 stainless steel.

Sliding system in AISI 304 stainless steel with full Ø 25 mm guide-rail. Highly essential style and minimal design.

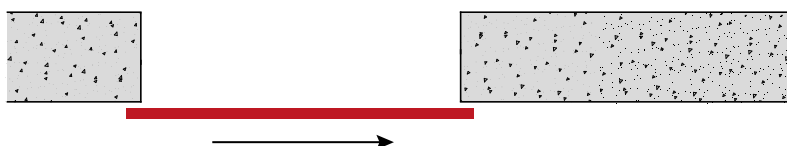
Satin and polished finish.

Glass thickness 8-10 mm.

Maximum door capacity 80 kg/door.

Suggested minimum door width 600 mm.

### CONFIGURAZIONI - CONFIGURATION



### COMPOSIZIONE - COMPOSITION

|                          |                       |
|--------------------------|-----------------------|
| <b>E07S10001-2-3-4-5</b> | 1 pz/1 pcs            |
| <b>E07S10031</b>         | 1 pz/foro/1 pcs/hole  |
| <b>E07S10072</b>         | 1 pz/anta/1 pcs/door  |
| <b>E07S10071</b>         | 2 cp/anta/2 pair/door |
| <b>E07S10091-94</b>      | 1 pz/anta/1 pcs/door  |

**Guida sezione tonda piena Ø 25 mm**
**Full round guide-rail Ø 25 mm**


| Cod.      | fori | L        | Finitura | holes | L          | Finish   |
|-----------|------|----------|----------|-------|------------|----------|
| E07S10001 | 3    | 1800 mm  | satinato | 3     | 1800 mm    | satin    |
| E07S10002 | 4    | 2100 mm  | satinato | 4     | 2100 mm    | satin    |
| E07S10003 | 4    | 2300 mm  | satinato | 4     | 2300 mm    | satin    |
| E07S10004 | 4    | 2540 mm  | satinato | 4     | 2540 mm    | satin    |
| E07S10005 | -    | a misura | satinato | -     | customized | satin    |
| E07S10006 | 3    | 1800 mm  | lucido   | 3     | 1800 mm    | polished |
| E07S10007 | 4    | 2100 mm  | lucido   | 4     | 2100 mm    | polished |
| E07S10008 | 4    | 2300 mm  | lucido   | 4     | 2300 mm    | polished |
| E07S10009 | 4    | 2540 mm  | lucido   | 4     | 2540 mm    | polished |
| E07S10010 | -    | a misura | lucido   | -     | customized | polished |

**Set di due carrelli con antiscarrucolamento con guida piena con fori Ø 25 mm**
**Set of two roller carriages with anti-jump device for full Ø 25 mm**


| Cod.      | Finitura | Finish   |
|-----------|----------|----------|
| E07S10070 | satinato | satin    |
| E07S10072 | lucido   | polished |

## 04.2 SISTEMI PER PORTA SCORREVOLI IN ACCIAIO - STEEL SLIDING SYSTEMS

### 04.2.3 ROUND 25

Stopper per guida piena Ø 25 mm

Stopper for full Ø 25 mm guide-rail



| Cod.      | Finitura | Finish   |
|-----------|----------|----------|
| E07S10071 | satinato | satin    |
| E07S10073 | lucido   | polished |

Set di fissaggio a muro per porte in vetro - per guida tonda piena con fori Ø 25 mm - distanziale da 5 mm

Wall fixing set for glass doors - for full Ø 25 mm guide-rail with holes - 5 mm spacer



| Cod.      | Finitura | Finish   |
|-----------|----------|----------|
| E07S10031 | satinato | satin    |
| E07S10030 | lucido   | polished |

Set di fissaggio a muro laterale per porte in vetro - per guida tonda Ø 25 mm

Lateral wall fixing set for glass doors - for full Ø 25 mm guide with holes



| Cod.      | Finitura | Finish   |
|-----------|----------|----------|
| E07S10038 | satinato | satin    |
| E07S10138 | lucido   | polished |

**Blocchetto guida a pavimento per porte in vetro****Floor guide for glass doors**

| Cod.             | Vetro      | Finitura | Glass      | Finish   |
|------------------|------------|----------|------------|----------|
| <b>E07S10091</b> | 8-10-12 mm | satinato | 8-10-12 mm | satin    |
| <b>E07S10191</b> | 8-10-12 mm | lucido   | 8-10-12 mm | polished |

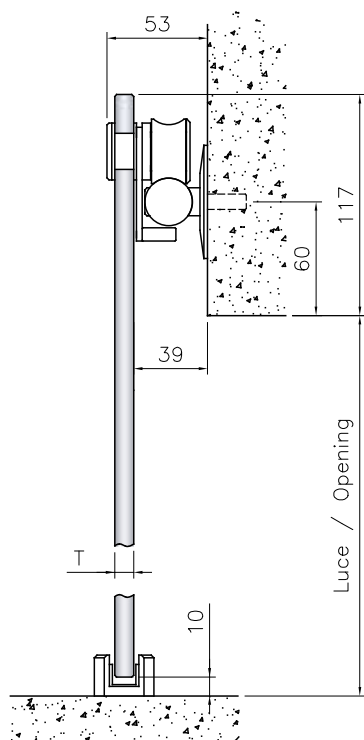
**Blocchetto guida a pavimento quadro per porte in vetro****Square floor guide for glass doors**

| Cod.             | Vetro      | Finitura | Glass      | Finish   |
|------------------|------------|----------|------------|----------|
| <b>E07S10094</b> | 8-10-12 mm | satinato | 8-10-12 mm | satin    |
| <b>E07S10095</b> | 8-10-12 mm | lucido   | 8-10-12 mm | polished |

## 04.2 SISTEMI PER PORTA SCORREVOLI IN ACCIAIO - STEEL SLIDING SYSTEMS

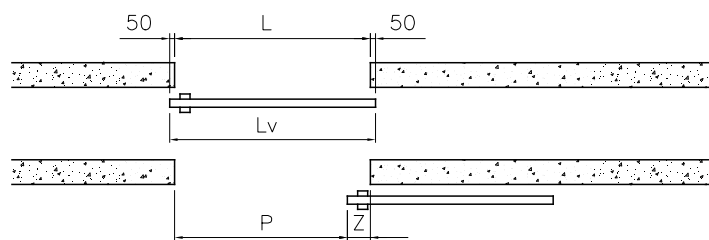
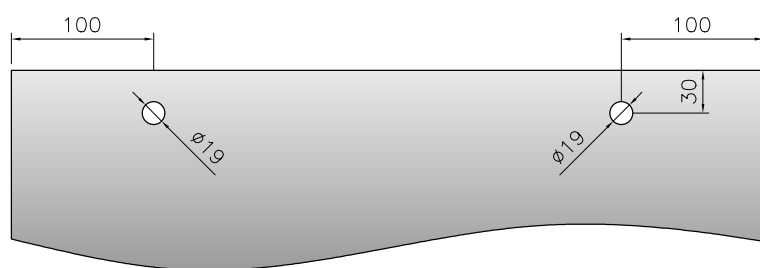
### 04.2.3 ROUND 25

Calcolo della misura dei vetri - Calculation of glass dimensions



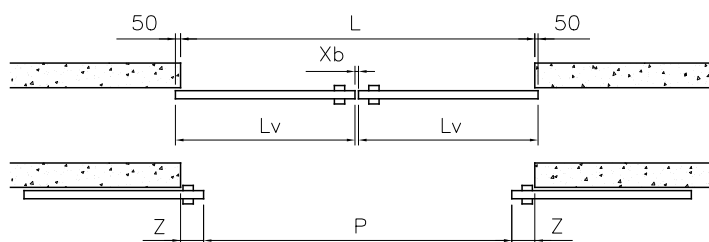
$$H_v = \text{Luce} + 107\text{mm}$$

L = Larghezza vano - Space width  
 P = Passaggio utile - Opening  
 Lv = Larghezza vetro scorrevole  
 Sliding glass door width  
 Z = Ingombro maniglione  
 Handle overall dimensions  
 Xb = Aria per guarnizione Gasket space



$$L_v = L + 100$$

$$P = L - Z$$



$$L_v = (L - X_b) / 2 + 50$$

$$P = L - 2Z$$



## 04.2 SISTEMI PER PORTA SCORREVOLI IN ACCIAIO - STEEL SLIDING SYSTEMS

### 04.2.4 TERRA

Profilo inferiore in acciaio AISI 304 e superiore in alluminio simil inox.  
Sistema con profilo scorrevole a pavimento per vetro da 8÷12,76 mm.  
Portata massima 150 kg/anta.

Il Kit comprende:

- profilo superiore in alluminio;
- profilo inferiore a "mezzaluna" in acciaio;
- set accessori per porta.

Entrambe le configurazioni possono essere con attacco frontale o a soffitto.

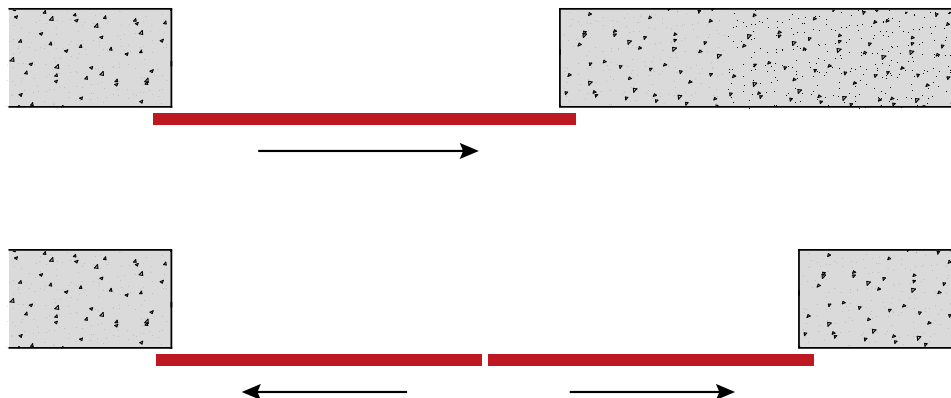
Lower profile in AISI 304 stainless steel and top profile in similar stainless steel aluminium.

System with floor sliding profile for glass from 8÷12.76 mm.  
Maximum capacity 150 kg/door.

The kit includes:

- top aluminium profile;
- "half-moon" lower profile in stainless steel;
- set of accessories for door.

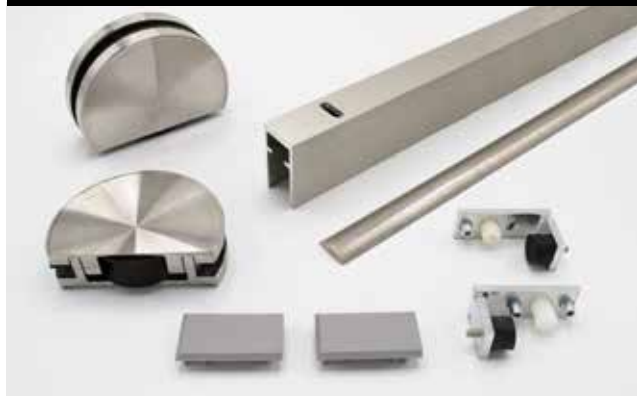
Both configurations can have frontal or ceiling fixing.





Kit scorrevole "Terra" per vetro da 8÷12,76 mm - portata 150 kg

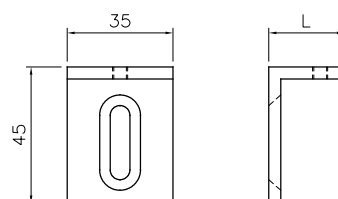
"Terra" sliding kit for glass from 8÷12.76 mm - 150 kg capacity



| Cod.      | L-vano       | L-binario | L-opening    | L-guide rail |
|-----------|--------------|-----------|--------------|--------------|
| E18T00102 | 750÷900 mm   | 1900 mm   | 750÷900 mm   | 1900 mm      |
| E18T00202 | 910÷1000 mm  | 2100 mm   | 910÷1000 mm  | 2100 mm      |
| E18T00302 | 1010÷1120 mm | 2350 mm   | 1010÷1120 mm | 2350 mm      |
| E18T00402 | 1130÷1250 mm | 2600 mm   | 1130÷1250 mm | 2600 mm      |

Staffa a "L" per fissaggio frontale

"L" shaped bracket for frontal fixing



| Cod.      | L     | Finitura  | L     | Finish    |
|-----------|-------|-----------|-------|-----------|
| E18T01001 | 25 mm | alluminio | 25 mm | aluminium |
| E18T02001 | 35 mm | alluminio | 35 mm | aluminium |

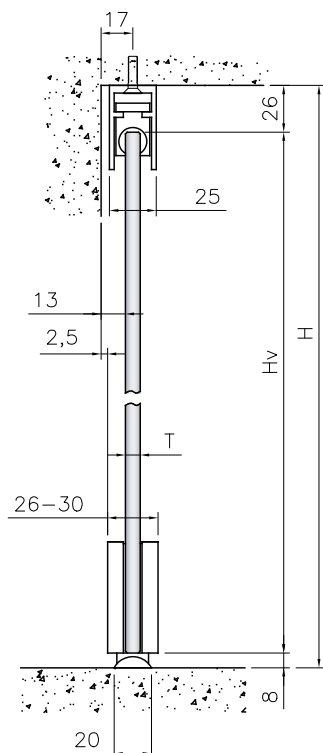


## 04.2 SISTEMI PER PORTA SCORREVOLI IN ACCIAIO - STEEL SLIDING SYSTEMS

### 04.2.4 TERRA

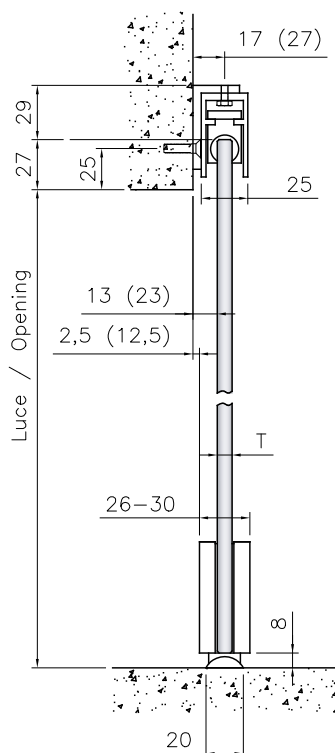
Calcolo della misura dei vetri - Calculation of glass dimensions

Attacco a soffitto - Ceiling fixing



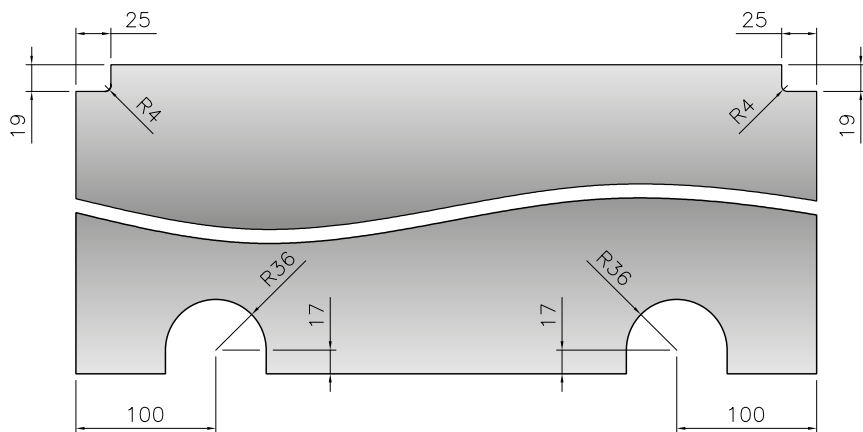
$$H_v = H - 34\text{mm}$$

Attacco frontale - Frontal fixing



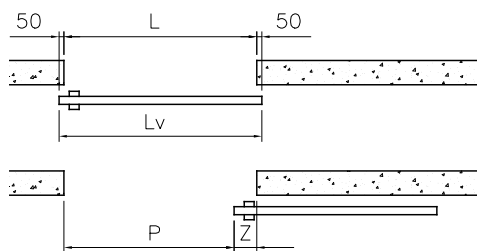
$$H_v = \text{Luce} + 19\text{mm}$$

Lavorazione su vetro - Glass processing



L = Larghezza vano - Space width  
P = Passaggio utile - Opening  
Lv = Larghezza vetro scorrevole  
Sliding glass door width  
Z = Ingombro maniglione  
Handle overall dimensions  
Xb = Aria per guarnizione Gasket space

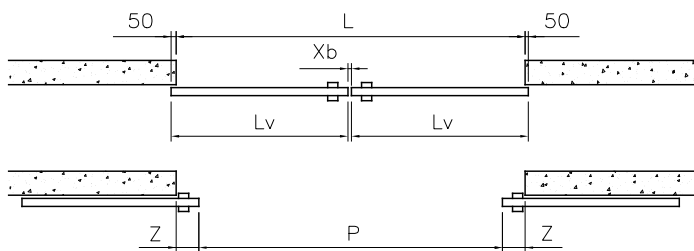
Anta singola con fissaggio frontale/soffitto  
Single door with frontal/ceiling fixing



$$L_v = L + 100$$

$$P = L - Z$$

Anta doppia con fissaggio frontale/soffitto  
Double door with frontal/ceiling fixing



$$L_v = (L - X_b) / 2 + 50$$

$$P = L - 2Z$$





## 04.3 ACCESSORI PER PORTE SCORREVOLI

All'interno di questo capitolo vengono presentati gli accessori specifici con i quali personalizzare la porta scorrevole.

Prima le serrature: T-Lock Pro - E-Lock EVO.  
Seguono i morsetti con portata 60-120 kg/anta e poi i paraspifferi: Glass Bottom Slide - G-Bumper - Mini G-Slide.

Per la gamma completa di maniglie, maniglioni e pomoli si può vedere il catalogo dedicato: "06. Maniglioni e Pomoli"

## 04.3 ACCESSORIES FOR SLIDING DOORS

Specific accessories to customize sliding doors will be presented in this chapter.

Our locks T-Lock Pro and E-Lock Evo will be followed by clamps with a capacity of 60-120 kg/door. The Glass Bottom Slide, G-Bumper and Mini G-Slide draft excluders complete the range.

See catalogue no. "06. Handles and knobs" for all types of handles, pull handles and knobs.





### 04.3.1 SERRATURE

Le nostre proposte di serrature per porte scorrevoli.

- T-Lock Pro: brevetto GFS, dal design essenziale altamente innovativo. È una serratura autoregolante con o senza cilindro, completamente scomparsa interno muro.
- E-Lock EVO: la serratura elettronica con accesso senza chiave e senza cablaggio. Senza lavorazioni su vetro rende l'installazione pratica e veloce.

### 04.3.1 LOCKS

We offer two locks for sliding doors.

- T-Lock Pro: a patent by GFS, it has an essential and highly innovative design. It is a self-regulating lock with or without cylinder having a completely retractable handle for pocket doors.
- E-Lock EVO: access without key, no wiring needed. Easy and fast installation: no glass processing required.





# SERRATURA T-LOCK PRO

## T-LOCK PRO

### PUNTI DI FORZA STRENGTHS



1

#### **SISTEMA INNOVATIVO BREVETTATO**

NEL CASO DI ASSESTAMENTO DELLA PORTA  
GARANTISCE DI NON RIMANERE BLOCCATI  
ALL'INTERNO DEL VANO, COME NEI  
SISTEMI TRADIZIONALI AD "UNCINO".

#### **INNOVATIVE, PATENTED SYSTEM**

PREVENTING TO REMAIN BLOCKED INSIDE  
THE ROOM IN CASE OF DOOR SETTLEMENT  
UNLIKE TRADITIONAL HOOK-SHAPED  
DEVICES.

2

#### **APERTURA AGEVOLE**

LA CHIUSURA SI SBLOCCA  
AUTOMATICAMENTE TRAMITE UN  
MICROMOVIMENTO IMPERCETTIBILE.

#### **EASY OPENING**

THE DEVICE IS AUTOMATICALLY LOCKED  
THANKS TO AN IMPERCEPTIBLE  
MICROMOVEMENT.

3

#### **DESIGN ESSENZIALE ALTAMENTE INNOVATIVO**

VERSIONE CON E SENZA CHIAVE.

#### **ESSENTIAL AND HIGHLY INNOVATIVE DESIGN**

VERSION WITH OR WITHOUT KEY.

4

#### **REVERSIBILE**

UNICA SERRATURA PER  
VERSIONE DESTRA E SINISTRA.

#### **REVERSIBLE**

SINGLE LOCK FOR RIGHT AND  
LEFT VERSION.

5

**MANIGLIA COMPLETAMENTE A  
SCOMPARSA PER PORTE INTERNO MURO**  
COMPRESO IL RISCONTRO MAGNETICO  
AUTOREGOLANTE.

**COMPLITELY DISAPPEARING HANDLE  
FOR POCKET DOOR AND SELF-ADJUSTING,  
MAGNETIC STRIKE.**

6

**POSSIBILITÀ DI APERTURA DI  
EMERGENZA DALL'ESTERNO.**

**UNLOCKING POSSIBILITY FROM  
OUTSIDE.**

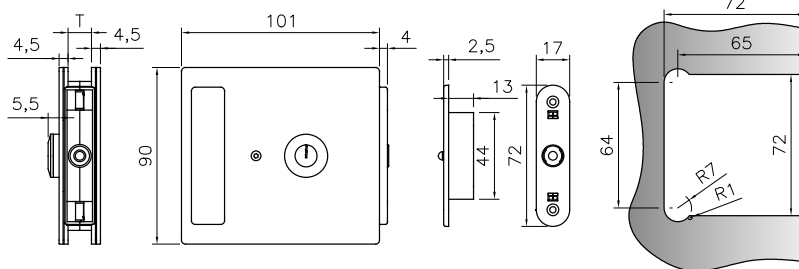


## 04.3 ACCESSORI PER PORTE CORREVOLI - ACCESSORIES FOR SLIDING DOORS

### 04.3.1 SERRATURE - LOCKS

Serratura T-Lock Pro con cilindro

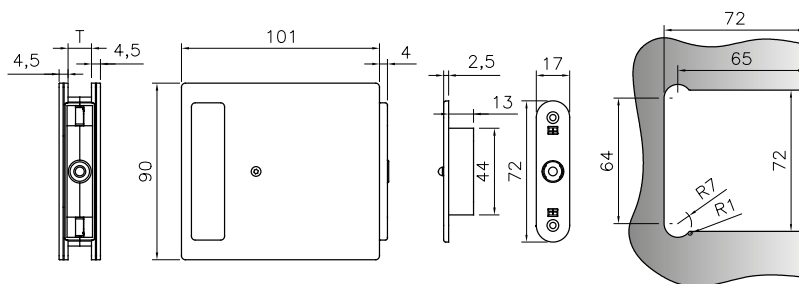
T-Lock Pro with cylinder



| Cod.      | T       | Finitura | T       | Finish   |
|-----------|---------|----------|---------|----------|
| E07N21810 | 8÷12 mm | satinato | 8÷12 mm | satin    |
| E07N21812 | 8÷12 mm | lucido   | 8÷12 mm | polished |
| E07N21816 | 8÷12 mm | opaco    | 8÷12 mm | opaque   |

Serratura T-Lock Pro senza cilindro

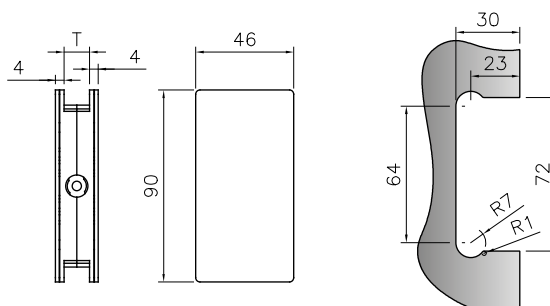
T-Lock Pro without cylinder



| Cod.      | T       | Finitura | T       | Finish   |
|-----------|---------|----------|---------|----------|
| E07N23810 | 8÷12 mm | satinato | 8÷12 mm | satin    |
| E07N23812 | 8÷12 mm | lucido   | 8÷12 mm | polished |
| E07N23816 | 8÷12 mm | opaco    | 8÷12 mm | opaque   |

Controcartella a vetro

Glass receiver



| Cod.      | T       | Finitura | T       | Finish   |
|-----------|---------|----------|---------|----------|
| E07N30810 | 8÷12 mm | satinato | 8÷12 mm | satin    |
| E07N30812 | 8÷12 mm | lucido   | 8÷12 mm | polished |
| E07N30816 | 8÷12 mm | opaco    | 8÷12 mm | opaque   |



# SERRATURA ELETTRONICA E-LOCK EVO

## ELECTRONIC LOCK E-LOCK EVO

### PUNTI DI FORZA

#### STRENGTHS

1

**NESSUNA FORATURA SUL VETRO**  
FACILE E VELOCE DA INSTALLARE.

**NO GLASS PROCESSING REQUIRED**  
EASY AND FAST INSTALLATION.

2

**MASSIMA VERSATILITÀ**  
PUÒ ESSERE UTILIZZATA SIA PER PORTE  
SCORREVOLI CHE VA E VIENI.

**MAXIMUM VERSATILITY**  
SUITABLE FOR SLIDING AND SWING  
DOORS.

3

**BLOCCO/SBLOCCO DA SMARTPHONE**  
TRAMITE APP

VIA BLUETOOTH O CON IMPRONTA  
DIGITALE, CODICE NUMERICO, BADGE.

**LOCKING/UNLOCKING VIA SMARTPHONE**  
USING APP

BLUETOOTH OR FINGERPRINT, NUMERICAL  
CODE, BADGE.

4

**REVERSIBILE**  
UNICA VERSIONE PER  
SERRATURA DESTRA E SINISTRA.

**REVERSIBLE**  
SINGLE LOCK FOR LEFT AND  
RIGHT SIDE.

5

**APP ANDROID E APPLE**  
CON IMPOSTAZIONI VIA BLUETOOTH.

**ANDROID AND APPLE APP**  
BLUETOOTH SETTING.

6

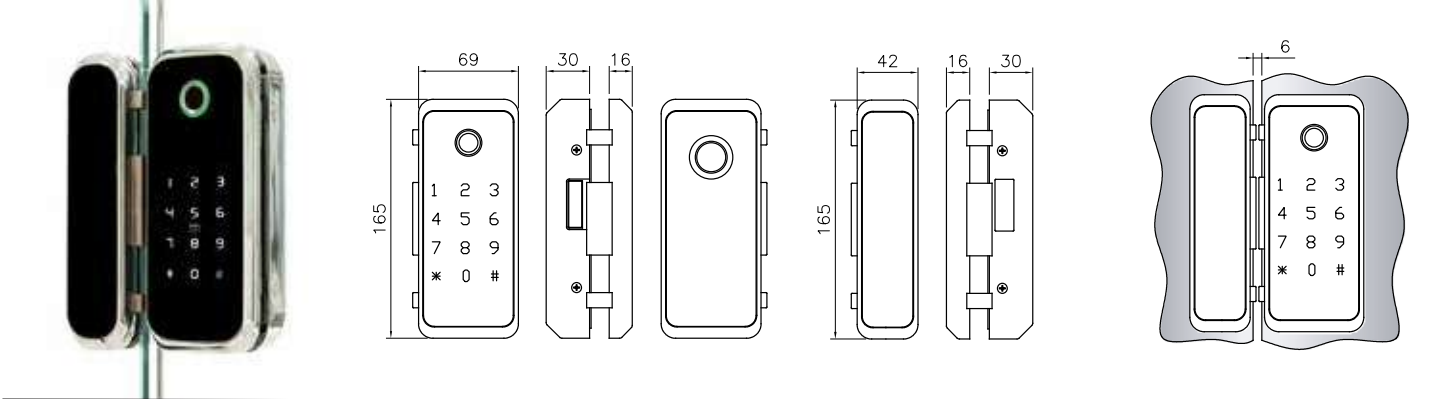
**SBLOCCO SERRATURA**  
**TEMPORIZZATO**  
CON GENERAZIONE CODICI E/O  
CHIAVI DI ENTRATA A TEMPO.

**TIMED UNLOCKING**  
WITH GENERATION OF TIMED  
CODES AND/OR ENTRY ACCESS  
KEY.

04.3 ACCESSORI PER PORTE CORREVOLI - ACCESSORIES FOR SLIDING DOORS

04.3.1 SERRATURE - LOCKS

|                                                                                       |                                                                               |
|---------------------------------------------------------------------------------------|-------------------------------------------------------------------------------|
| Serratura E-Lock EVO completa di bocchetta a muro, controcartella a vetro e 3 ID-Card | Electronic lock E-Lock EVO including wall strike, glass strike and 3 ID-Cards |
|---------------------------------------------------------------------------------------|-------------------------------------------------------------------------------|



| Cod.      | T        | Finitura | T        | Finish   |
|-----------|----------|----------|----------|----------|
| E06E51000 | 10-12 mm | lucido   | 10-12 mm | polished |

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Caratteristiche tecniche.</b> <ul style="list-style-type: none"><li>- Peso: 2,5 kg</li><li>- Bloccaggio/sbloccaggio serratura: tramite App, impronta digitale, codice numerico, badge</li><li>- Alimentazione: 4 pile AA 6V</li><li>- Temperatura di esercizio: -10°   +60°</li><li>- Umidità min/max: 20% - 90%</li><li>- Tipologia di card/badge: MF1</li><li>- N° max badge programmabili: 200</li><li>- N° max impronte digitabili memorizzabili: 20</li><li>- N° max codici numerici memorizzabili: nessun limite</li><li>- Comando e settaggio serratura via Bluetooth tramite app Android o Apple</li><li>- Possibilità di generare codici di entrata per lo sblocco della serratura temporizzati o ad apertura singola</li><li>- Connettore di emergenza per powerbank più alimentazione in caso di batterie scariche</li></ul> | <b>Technical features.</b> <ul style="list-style-type: none"><li>- Weight: 2.5 kg</li><li>- Locking/unlocking possibilities: via App, fingerprint, numerical code, badge</li><li>- Power source: 4 AA 6V batteries</li><li>- Operating temperature: -10°   +60°</li><li>- Max. min. humidity: 20% - 90%</li><li>- Card/badge type: MF1</li><li>- Max. no. of programmable badges: 200</li><li>- Max. no. of storable fingerprints: 20</li><li>- Max. no. of storable numerical codes: no limits</li><li>- Lock control and setting via Bluetooth through Android or Apple dedicated app</li><li>- Possibility to generate entry codes for timed unlocking or single unlocking</li><li>- Powerbank emergency connector in case of low batteries</li></ul> |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                                  |                        |
|----------------------------------|------------------------|
| ID-Card per serratura E-Lock EVO | ID-Card for E-Lock EVO |
|----------------------------------|------------------------|



|           |  |
|-----------|--|
| Cod.      |  |
| E06E54000 |  |

## 04.3 ACCESSORI PER PORTE CORREVOLI - ACCESSORIES FOR SLIDING DOORS

### 04.3.1 SERRATURE - LOCKS

| Connessione della serratura allo smartphone                                                                                                                                                                                                                                                                                                                                                            |  | Lock connection to smartphone                                                                                                                                                                                                                                                                                                                                                                       |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                                                                                                                                                                                                                                                                                                        |  |                                                                                                                                                                                                                                                                                                                   |
| <ul style="list-style-type: none"> <li>- Comando e settaggio serratura via Bluetooth tramite app Android o Apple</li> <li>- Possibilità di generare codici di entrata e di blocco/sblocco serratura temporizzati o a singola apertura.</li> </ul>                                                                                                                                                      |  | <ul style="list-style-type: none"> <li>- Lock control and setting via Bluetooth through Android or Apple app</li> <li>- Possibility to generate timed entry and locking/unlocking codes or single unlocking</li> </ul>                                                                                                                                                                              |
| Sbloccaggio serratura                                                                                                                                                                                                                                                                                                                                                                                  |  | Unlocking                                                                                                                                                                                                                                                                                                                                                                                           |
|                                                                                                                                                                                                                                                                                                                       |  |                                                                                                                                                                                                                                                                                                                  |
| <p>Apertura con badge</p> <ul style="list-style-type: none"> <li>- In dotazione n° 3 badge (1 Master + 2 Slave)</li> <li>- Tipologia di badge: MF1</li> <li>- N° max badge programmabili: 200</li> </ul> <p>Badge unlocking</p> <ul style="list-style-type: none"> <li>- 3 badges included (1 Master + 2 Slaves)</li> <li>- Badge type: MF1</li> <li>- Max. no. of programmable badges: 200</li> </ul> |  | <p>Apertura con impronta digitale</p> <ul style="list-style-type: none"> <li>- N° max impronte digitabili memorizzabili: 20</li> </ul> <p>Unlocking through fingerprint</p> <ul style="list-style-type: none"> <li>- Max. number of recordable fingerprints: 20</li> </ul>                                                                                                                          |
|                                                                                                                                                                                                                                                                                                                      |  | <p>Apertura con codice numerico</p> <ul style="list-style-type: none"> <li>- Codici numerici illimitati</li> </ul> <p>Unlocking through numerical code</p> <ul style="list-style-type: none"> <li>- Unlimited numerical codes</li> </ul>                                                                                                                                                            |
|                                                                                                                                                                                                                                                                                                                      |  |                                                                                                                                                                                                                                                                                                                 |
| <p>Apertura/Chiusura manuale della serratura manualmente dal lato interno (apertura di emergenza).</p> <p>Manual locking/unlocking from indoors (emergency opening).</p>                                                                                                                                                                                                                               |  | <p>Possibilità tramite Gateway di collegare la serratura ad una rete domestica o aziendale.</p> <p>Possibility to connect the lock to a domestic or business network via Gateway.</p>                                                                                                                                                                                                               |
|                                                                                                                                                                                                                                                                                                                      |  |  <p>Possibilità, in caso di batterie scariche, di collegare un powerbank per poter utilizzare uno dei sistemi di apertura (badge, tastiera o impronta digitale).</p> <p>Possibility to connect a powerbank in case of low batteries to be use one of the opening systems (badge, keyboard or fingerprint).</p> |

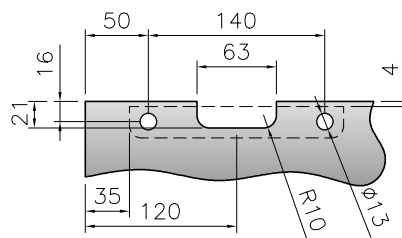


## 04.3 ACCESSORI PER PORTE CORREVOLI - ACCESSORIES FOR SLIDING DOORS

### 04.3.2 MORSETTI - CLAMPS

Morsetto per porta scorrevole in alluminio

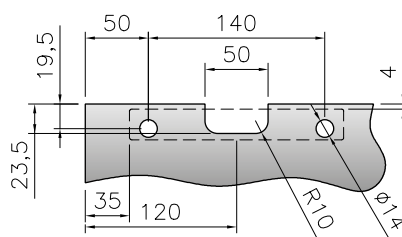
Aluminium clamp sliding door



| Cod.      | T       | Portata  | T       | Capacity |
|-----------|---------|----------|---------|----------|
| E07R00001 | 8-10 mm | 60 kg/cp | 8-10 mm | 60 kg/cp |

Morsetto per porta scorrevole in acciaio

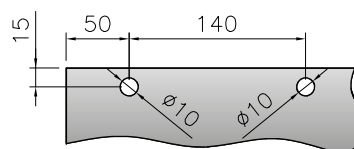
Steel clamp sliding door



| Cod.      | T       | Portata   | T       | Capacity  |
|-----------|---------|-----------|---------|-----------|
| E07R00002 | 8-10 mm | 120 kg/cp | 8-10 mm | 120 kg/cp |

Morsetto pesante per porta scorrevole in alluminio

Aluminium heavy clamp sliding door



| Cod.      | T          | Portata   | T          | Capacity  |
|-----------|------------|-----------|------------|-----------|
| E07R00005 | 8-10-12 mm | 120 kg/cp | 8-10-12 mm | 120 kg/cp |

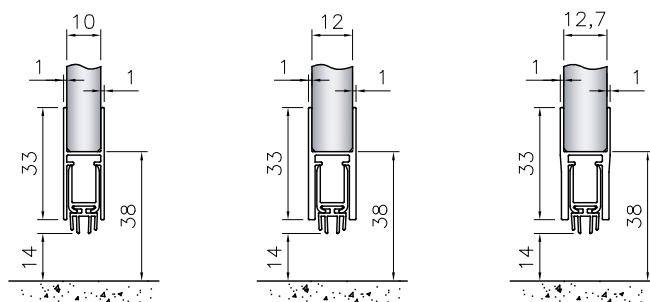


## 04.3.3 PARASPIFFERI - DRAFT EXCLUDERS

Profilo "G Slide" con tappo incluso



"G-Slide" profile including cap



| Cod.      | L    | T       | Finitura   | L    | T       | Finish     |
|-----------|------|---------|------------|------|---------|------------|
| E25P93121 | 830  | 10 mm   | argento    | 830  | 10 mm   | silver     |
| E25P93124 | 830  | 10 mm   | nero opaco | 830  | 10 mm   | matt black |
| E25P93131 | 830  | 12 mm   | argento    | 830  | 12 mm   | silver     |
| E25P93134 | 830  | 12 mm   | nero opaco | 830  | 12 mm   | matt black |
| E25P93141 | 830  | 12,8 mm | argento    | 830  | 12.8 mm | silver     |
| E25P93144 | 830  | 12,8 mm | nero opaco | 830  | 12.8 mm | matt black |
| E25P94121 | 930  | 10 mm   | argento    | 930  | 10 mm   | silver     |
| E25P94124 | 930  | 10 mm   | nero opaco | 930  | 10 mm   | matt black |
| E25P94131 | 930  | 12 mm   | argento    | 930  | 12 mm   | silver     |
| E25P94134 | 930  | 12 mm   | nero opaco | 930  | 12 mm   | matt black |
| E25P94141 | 930  | 12,8 mm | argento    | 930  | 12.8 mm | silver     |
| E25P94144 | 930  | 12,8 mm | nero opaco | 930  | 12.8 mm | matt black |
| E25P95121 | 1030 | 10 mm   | argento    | 1030 | 10 mm   | silver     |
| E25P95124 | 1030 | 10 mm   | nero opaco | 1030 | 10 mm   | matt black |
| E25P95131 | 1030 | 12 mm   | argento    | 1030 | 12 mm   | silver     |
| E25P95134 | 1030 | 12 mm   | nero opaco | 1030 | 12 mm   | matt black |
| E25P95141 | 1030 | 12,8 mm | argento    | 1030 | 12.8 mm | silver     |
| E25P95144 | 1030 | 12,8 mm | nero opaco | 1030 | 12.8 mm | matt black |
| E25P96121 | 1130 | 10 mm   | argento    | 1130 | 10 mm   | silver     |
| E25P96124 | 1130 | 10 mm   | nero opaco | 1130 | 10 mm   | matt black |
| E25P96131 | 1130 | 12 mm   | argento    | 1130 | 12 mm   | silver     |
| E25P96134 | 1130 | 12 mm   | nero opaco | 1130 | 12 mm   | matt black |
| E25P96141 | 1130 | 12,8 mm | argento    | 1130 | 12.8 mm | silver     |
| E25P96144 | 1130 | 12,8 mm | nero opaco | 1130 | 12.8 mm | matt black |
| E25P98121 | 1330 | 10 mm   | argento    | 1330 | 10 mm   | silver     |
| E25P98124 | 1330 | 10 mm   | nero opaco | 1330 | 10 mm   | matt black |
| E25P98131 | 1330 | 12 mm   | argento    | 1330 | 12 mm   | silver     |
| E25P98134 | 1330 | 12 mm   | nero opaco | 1330 | 12 mm   | matt black |
| E25P98141 | 1330 | 12,8 mm | argento    | 1330 | 12.8 mm | silver     |
| E25P98144 | 1330 | 12,8 mm | nero opaco | 1330 | 12.8 mm | matt black |

Accorciabile fino a 150 mm sul lato opposto al pulsante di spinta

Adjustable length up to 150 mm on the side opposite to the push button



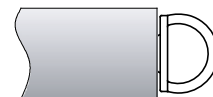
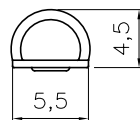
## 04.3 ACCESSORI PER PORTE CORREVOLI - ACCESSORIES FOR SLIDING DOORS

### 04.3.4 GUARNIZIONI - GASKETS

"G-Bumper" guarnizione adesiva a palloncino



"G-Bumper" adhesive baloon gasket

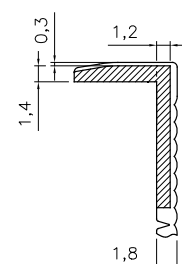
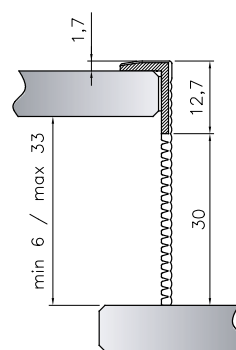


| Cod.        | Finitura    | Finish      |
|-------------|-------------|-------------|
| E07V00001   | trasparente | transparent |
| E07V00001.N | nera        | black       |

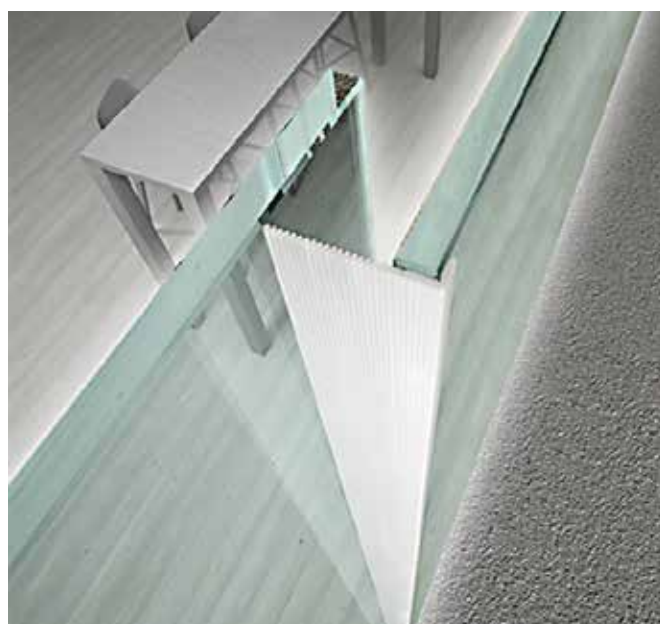
"Mini Slide" guarnizione verticale adesiva con aletta regolabile da 6 a 33 mm - in barre da 3 m



"Mini Slide" adhesive vertical gasket with adjustable flap from 6 to 33 mm - in bars of 3 m



| Cod.      | Quantità | Quantity |
|-----------|----------|----------|
| E07V00011 | 1 pz.    | 1 pc.    |
| E07V00012 | 5 pz.    | 5 pcs.   |









## 04.4 SISTEMI PER PORTE SCORREVOLI AD IMPACCHETTAMENTO

Il moderno design di uffici, edifici residenziali, commerciali, industriali, ricreativi si basa fondamentalmente su criteri funzionali, estetici e comfort.

L'uso del vetro come materiale estetico, sta riscontrando sempre più successo, perché solo il vetro può coniugare bellezza, durata, trasparenza e igiene in modo da soddisfare i più ampi desiderata di progettazione e design.

L'uso del vetro nelle facciate aumenta la sensazione di spazio, trasmette la luce verso l'interno, trasforma uno spazio aperto in uno spazio all'occorrenza chiuso, si integra perfettamente nell'ambiente.

GFS Design propone differenti configurazioni in grado di soddisfare le più svariate esigenze grazie a tre sistemi principali: "FSG-10" - "Ride" - "DF-H".

## 04.4 FOLDING AND SLIDING SYSTEMS FOR SLIDING DOORS

The current design of offices and residential, commercial, industrial or recreational buildings is essentially based on comfort and functional and aesthetic standards.

The use of glass for its aesthetic values is becoming more and more popular as it combines beauty, durability, transparency and hygiene. In so doing, it perfectly meets the widest design and construction requirements.

The creation of glass facades enhances the sensation of space, enlightens indoor spaces. They make it possible to turn an open space in a closed space when needed. Moreover, they integrate perfectly with the surrounding environment.

GFS offers several systems able to meet various needs: "FSG-10", "Ride" and "DF-H".







## 04.4.1 FSG-10

### Sistema ad impacchettamento senza profili verticali.

#### Il prodotto

FSG-10 è un sistema ad impacchettamento che crea un piacevole benessere abitativo, aumentando anche il valore dell'immobile.

Questo sistema viene usato soprattutto per la chiusura di verande, balconi, terrazze e uffici, creando nuovi spazi utilizzabili e vivibili.

#### Estetica e funzionalità

Ogni stagione ha i suoi vantaggi, perché le vetrate sono completamente pieghevoli.

In base ai requisiti architettonici o alle necessità dei clienti, i pannelli di vetro possono essere aperti in qualsiasi direzione.

Aperto tutti i pannelli verso l'interno, l'ingombro dei vetri è ridotto al minimo senza ridurre l'area di passaggio.

È un sistema ideale per ristoranti, caffetterie, sale per banchetti, pareti divisorie, negozi e uffici.

## 04.4.1 FSG-10

### Folding system without vertical profiles.

#### The product

FSG-10 is a folding system creating a pleasant living comfort and increasing the real estate value.

This system is mainly used to close verandas, balconies, terraces and offices allowing to create new usable and livable spaces.

#### Aesthetics and functionality

Convenient for every season. Completely foldable glass wall.

The glass panels can be opened in any directions following architectural requirements or customers' needs.

As all the panels open towards the inside, the space occupied by the glass panels is reduced to the minimum without limiting the passage area.

It is an ideal system for restaurants, cafes, banqueting facilities, partition walls, shops and offices.





## 04.4 SISTEMI PER PORTE SCORREVOLI AD IMPACCHETTAMENTO

### 04.4.1 FSG-10



## PUNTI DI FORZA - STRENGTHS

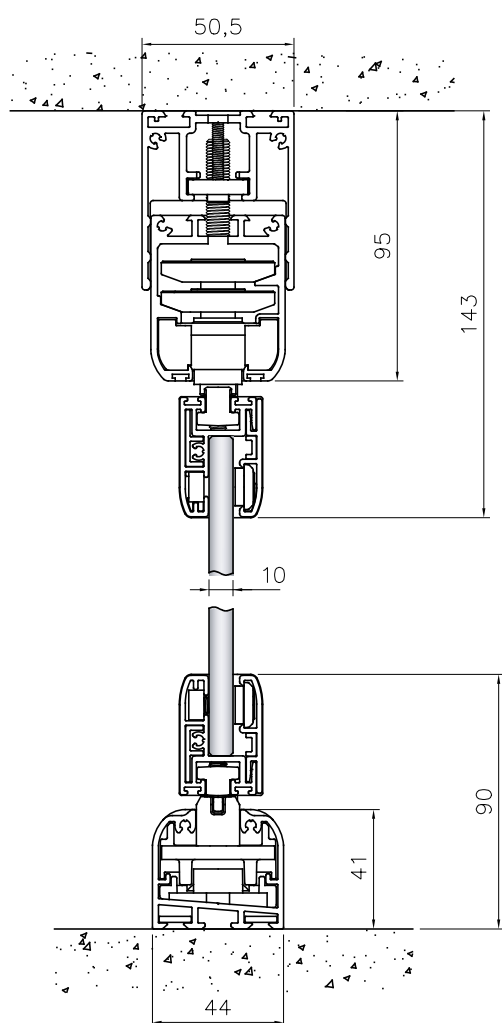
- 1 RIDUCE SIGNIFICATIVAMENTE I RUMORI ESTERNI, VENTO E ACQUA**  
IT SIGNIFICANTLY REDUCES EXTERNAL NOISES, WIND AND WATER
- 2 AUMENTA IL VALORE DELLA CASA OTTENENDO COSÌ UN MAGGIOR NUMERO DI METRI QUADRATI VIVIBILI**  
HIGHER REAL ESTATE VALUE THANKS TO THE INCREASED NUMBER OF LIVABLE SQUARE METERS
- 3 PERFETTA INTEGRAZIONE CON L'ESTETICA GENERALE DELL'EDIFICIO**  
PERFECT INTEGRATION WITH THE BUILDING AESTHETICS
- 4 PROTEZIONE DALLE INTEMPERIE METEOROLOGICHE**  
PROTECTION AGAINST BAD WEATHER
- 5 RAPIDA INSTALLAZIONE SENZA NECESSITÀ DI OPERE MURARIE**  
RAPID INSTALLATION. NO MASONRY WORKS NEEDED
- 6 PRODOTTI DI ALTA QUALITÀ E RESISTENZA**  
HIGH QUALITY AND RESISTANT PRODUCTS
- 7 ADATTABILE AD OGNI NECESSITÀ**  
ADAPTABLE TO ANY NEEDS



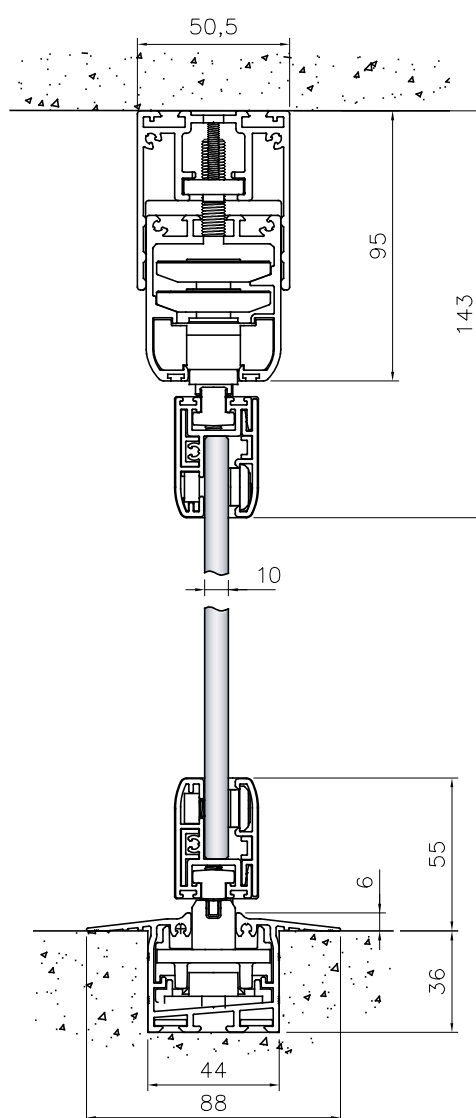
# FOLDING AND SLIDING SYSTEMS FOR SLIDING DOORS

## Vista in sezione - section view

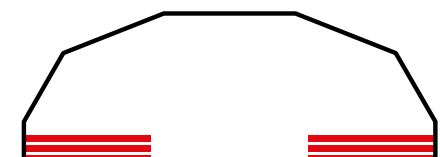
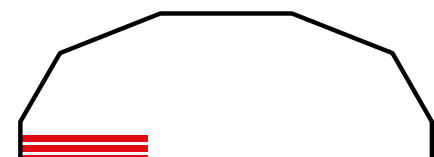
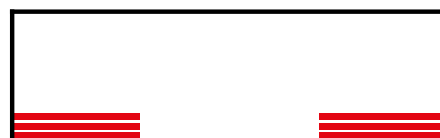
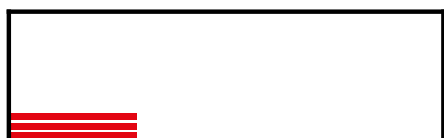
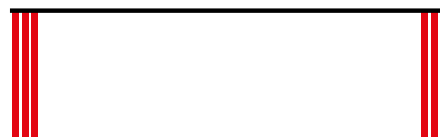
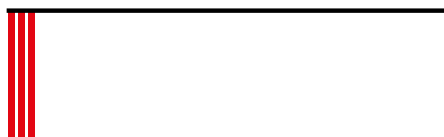
Con guida a pavimento - with floor guide



Con guida incassata - with recessed guide



## Opzioni di installazione - Installation options









## 04.4.2 RIDE

RIDE è il nuovo sistema di vetrate panoramiche ad ante scorrevoli che offre la possibilità di aprire e chiudere ognuna delle ante scorrevoli a destra o a sinistra. Quando apriamo o chiudiamo il primo pannello, il resto delle ante si aprono e chiudono automaticamente, grazie al sistema telescopico di trascinamento integrato.

Questo sistema può essere utilizzato in varie situazioni, come giardini d'inverno, balconi, terrazze, separatore di spazi e gallerie commerciali. RIDE permette di creare nuovi spazi e di beneficiare al meglio di quelli esistenti.

È un sistema che protegge dalle intemperie creando spazi particolarmente adeguati per il relax durante la stagione invernale.

Le ante del sistema scorrono appoggiate alla guida inferiore. I carrelli inferiori permettono il movimento dei pannelli in modo fluido e semplice.

## 04.4.2 RIDE

RIDE is the new system for panoramic windows with sliding doors. It gives the possibility to open and close each panel towards right and left. After having opened or closed the first panel, the other panels open and close automatically thanks to a telescopic integrated dragging system.

This system can be used in various situations: in winter gardens, balconies, terraces, to separate spaces and in shopping galleries. Ride allows to create new spaces and to use the existing ones more efficiently.

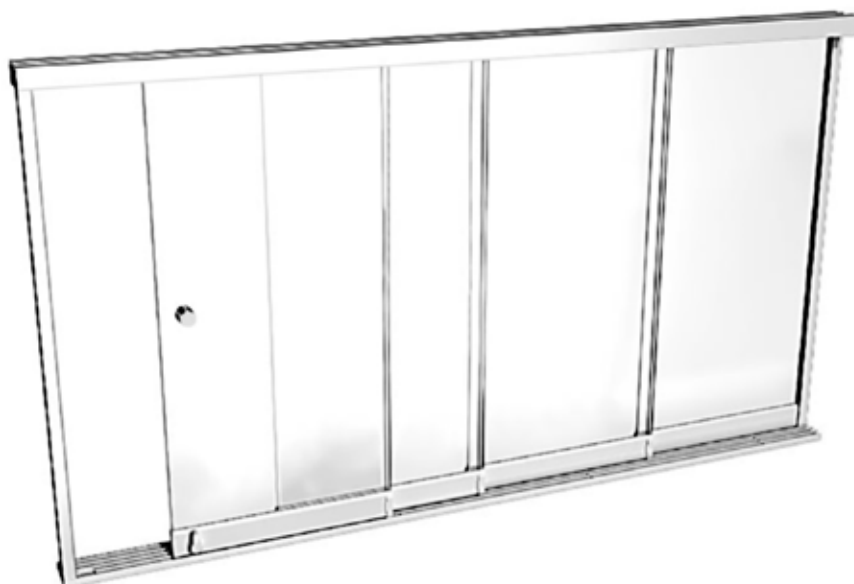
This system ensures protection against bad weather creating perfect relaxation areas. It also makes possible to heat the environment in Winter.

The doors of this system slide on the floor guide-rail. The lower roller carriages allow a fluid, simple movement of the panels.



## 04.4 SISTEMI PER PORTE SCORREVOLI AD IMPACCHETTAMENTO

### 04.4.2 RIDE



## PUNTI DI FORZA - STRENGTHS

1

**AUMENTA IL VALORE DELLA CASA OTTENENDO COSÌ UN MAGGIOR NUMERO DI METRI QUADRATI VIVIBILI**

HIGHER REAL ESTATE VALUE THANKS TO THE INCREASED NUMBER OF LIVABLE SQUARE METERS

2

**PERFETTA INTEGRAZIONE CON L'ESTETICA GENERALE DELL'EDIFICIO**

PERFECT INTEGRATION WITH THE BUILDING AESTHETICS

3

**PROTEZIONE DALLE INTEMPERIE METEOROLOGICHE**

PROTECTION AGAINST BAD WEATHER

4

**RIDUCE SIGNIFICATIVAMENTE I RUMORI ESTERNI, VENTO E ACQUA**

IT SIGNIFICANTLY REDUCES EXTERNAL NOISES, WIND AND WATER

5

**FACILMENTE PULIBILE E A BASSO COSTO DI MANUTENZIONE**

EASY TO CLEAN. LOW MAINTAINANCE COSTS.

6

**RAPIDA INSTALLAZIONE SENZA NECESSITÀ DI OPERE MURARIE**

RAPID INSTALLATION. NO MASONRY WORKS NEEDED

7

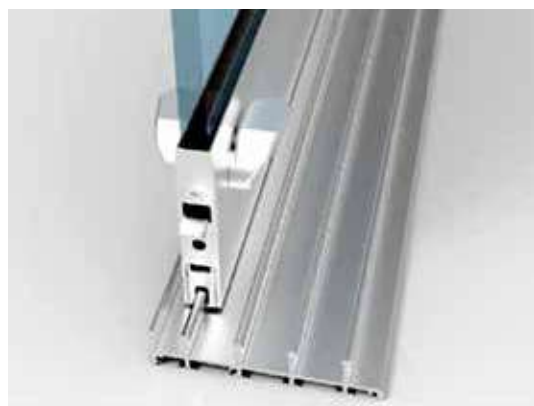
**PRODOTTI DI ALTA QUALITÀ E RESISTENZA**

HIGH QUALITY AND RESISTANT PRODUCTS

8

**NON INVADE LO SPAZIO INTERNO**

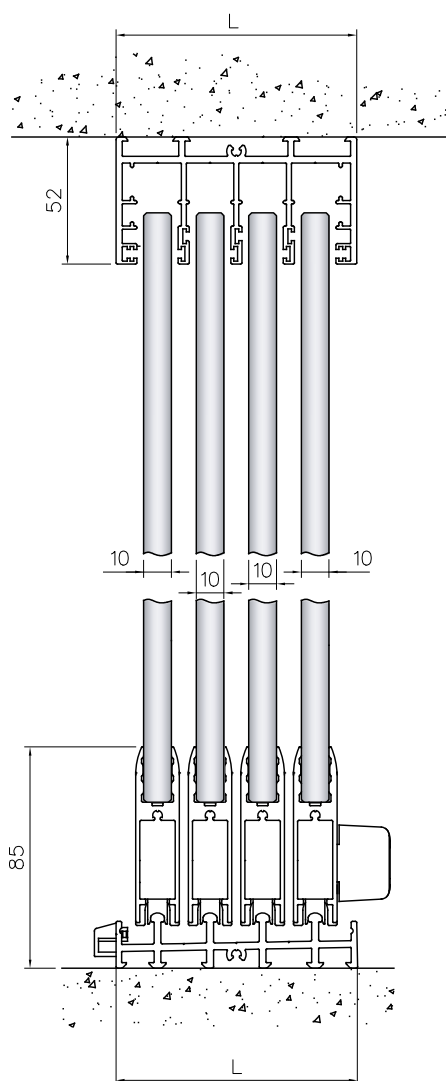
NOT INVASIVE OF INTERNAL SPACES



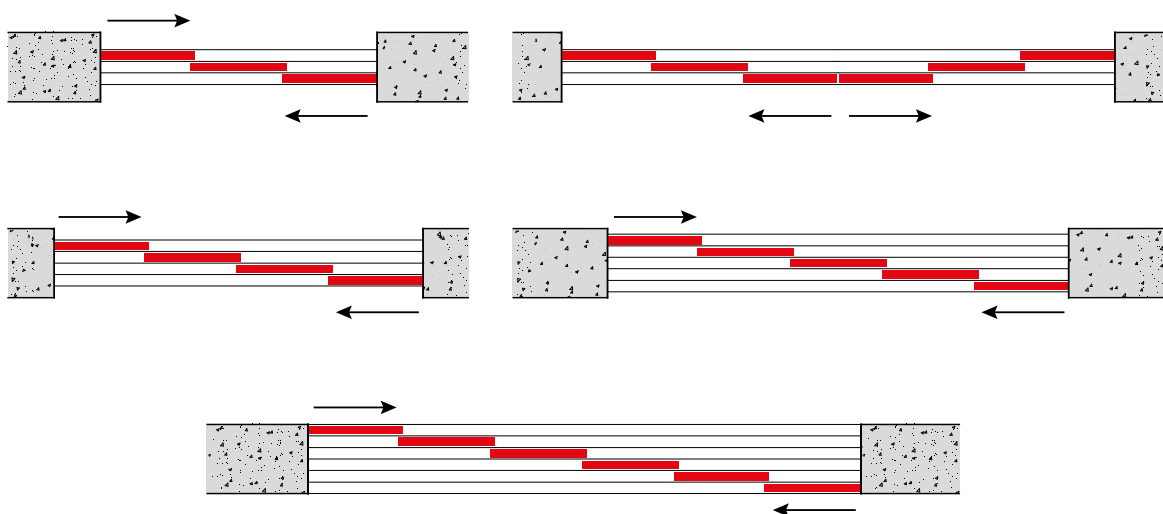
# FOLDING AND SLIDING SYSTEMS FOR SLIDING DOORS

Vista in sezione - Section view

Configurazioni da tre a sei vie - Configurations from three to six ways



3 vie/3 way = L 70 mm  
 4 vie/4 way = L 90 mm  
 5 vie/5 way = L 110 mm  
 6 vie/6 way = L 130 mm





### 04.4.3 DF-H

Il sistema ad impacchettamento DF-H è ideale per creare pareti vetrate scorrevoli. I pannelli sono tutti collegati fra loro per mezzo di cerniere e descrivono il classico andamento a libro durante la movimentazione della parete.

Le ante in vetro da 10 mm possono avere una dimensione massima di 900 mm x 2500 H e un peso massimo di 70 kg.

Le composizioni possono svilupparsi per un massimo di n° 8 ante per lato impacchettabile.

Il sistema è fornito completo di guida superiore (anche incassabile in controsoffitti) e di guida inferiore. La guida inferiore è obbligatoria per evitare che lo sbandieramento dei pannelli possa inceppare il loro movimento durante l'apertura o la chiusura.

### 04.4.3 DF-H

The DF-H folding system is the ideal solution for the creation of sliding partitions. The panels are connected among themselves through hinges, creating the classical "book" folding system.

The 10 mm glass doors can have a maximum dimension of 900 x H 2500 mm and a maximum weight of 70 kg.

The compositions can have a maximum of 8 doors for each folding side.

The supplied system includes top sliding guide (possibility of flush installation in false ceiling) and floor guide.



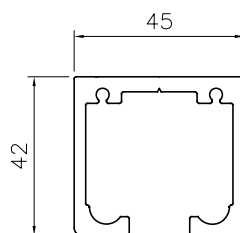


## 04.4 SISTEMI PER PORTE SCORREVOLI AD IMPACCHETTAMENTO

### 04.4.3 DF-H: ACCESSORI - DF-H: ACCESSORIES

Guida di scorrimento superiore - in barre da 2-3-4-6 m

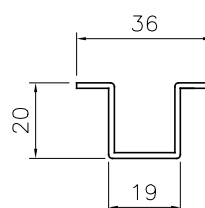
Top sliding guide - in bars of 2-3-4-6 mt



| Cod.      | Finitura            | Finish           |
|-----------|---------------------|------------------|
| E14S10101 | anodizzato naturale | natural anodized |

Guida a "U" a pavimento in acciaio AISI 304 - in barre da 3 m

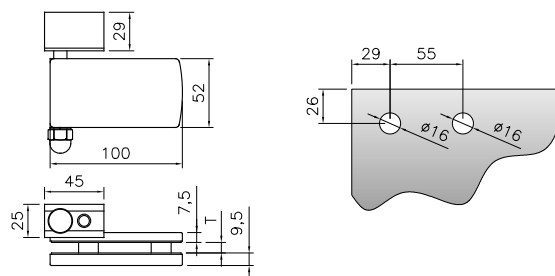
"U" shaped floor guide in AISI 304 stainless steel - in bars of 3 mt



| Cod.      | Finitura | Finish |
|-----------|----------|--------|
| E14S11501 | satinato | satin  |

Cerniera superiore "116" - per prima anta

"116" top hinge - for first door

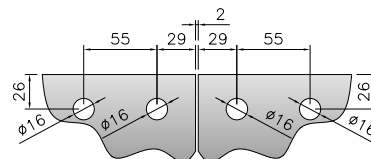
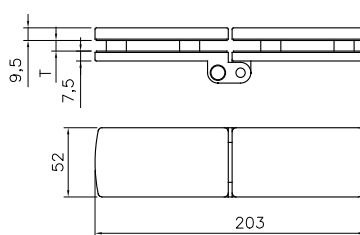


| Cod.      | T     | Finitura | T     | Finish |
|-----------|-------|----------|-------|--------|
| E14S11601 | 10 mm | satinato | 10 mm | satin  |

# FOLDING AND SLIDING SYSTEMS FOR SLIDING DOORS

Cerniera superiore vetro-vetro "106" senza carrello

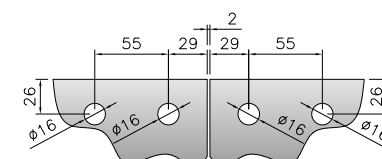
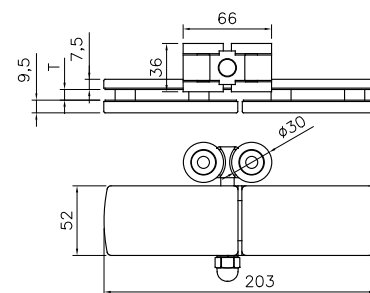
"106" glass-glass top hinge without carriage



| Cod.      | T     | Finitura | T     | Finish |
|-----------|-------|----------|-------|--------|
| E14S10601 | 10 mm | satinato | 10 mm | satin  |

Cerniera superiore vetro-vetro "110" con carrello

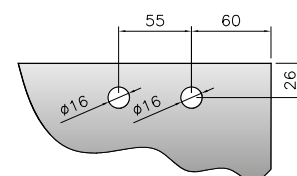
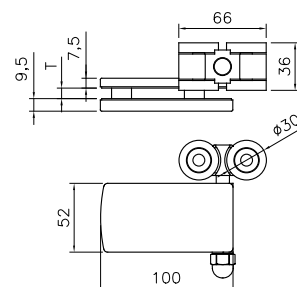
"110" glass-glass top hinge with carriage



| Cod.      | T     | Finitura | T     | Finish |
|-----------|-------|----------|-------|--------|
| E14S11001 | 10 mm | satinato | 10 mm | satin  |

Cerniera superiore "111" - per ultima anta

111" top hinge - for last door



| Cod.      | T     | Finitura | T     | Finish |
|-----------|-------|----------|-------|--------|
| E14S11101 | 10 mm | satinato | 10 mm | satin  |

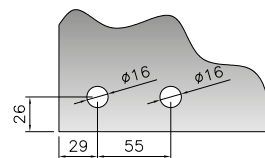
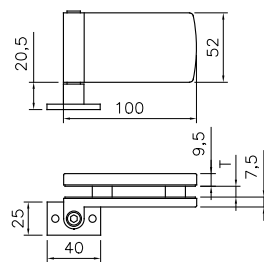


## 04.4 SISTEMI PER PORTE SCORREVOLI AD IMPACCHETTAMENTO

### 04.4.3 DF-H: ACCESSORI - DF-H: ACCESSORIES

Cerniera inferiore "117" - per prima anta

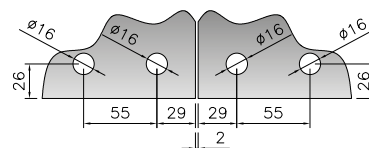
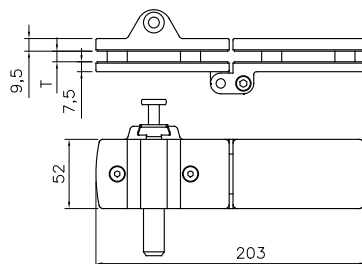
"117" bottom hinge - for first door



| Cod.      | T     | Finitura | T     | Finish |
|-----------|-------|----------|-------|--------|
| E14S11701 | 10 mm | satinato | 10 mm | satin  |

Cerniera inferiore "113" vetro-vetro con chiavistello

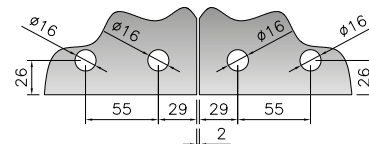
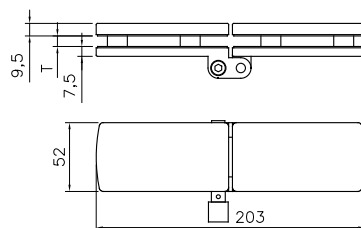
"113" glass-glass bottom hinge with bolt



| Cod.        | Verso    | T     | Finitura | Side  | T     | Finish |
|-------------|----------|-------|----------|-------|-------|--------|
| E14S11301.S | sinistra | 10 mm | satinato | left  | 10 mm | satin  |
| E14S11301.D | destra   | 10 mm | satinato | right | 10 mm | satin  |

Cerniera inferiore "112" vetro-vetro con perno guida

"112" glass-glass bottom hinge with pivot

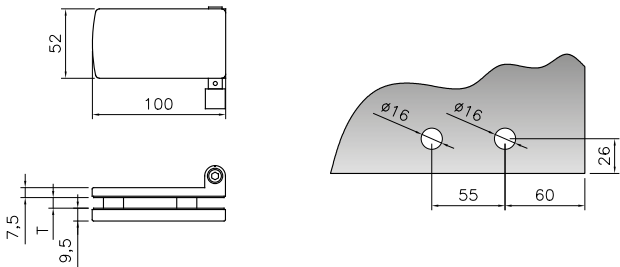


| Cod.      | T     | Finitura | T     | Finish |
|-----------|-------|----------|-------|--------|
| E14S11201 | 10 mm | satinato | 10 mm | satin  |

# FOLDING AND SLIDING SYSTEMS FOR SLIDING DOORS

Cerniera inferiore "114" - per ultima anta

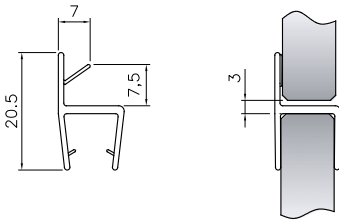
"114" bottom hinge - for last door



| Cod.      | T     | Finitura | T     | Finish |
|-----------|-------|----------|-------|--------|
| E14S11401 | 10 mm | satinato | 10 mm | satin  |

Guarnizione in PVC trasparente

Transparent PVC gasket



| Cod.      | L       | L       |
|-----------|---------|---------|
| E14B01103 | 3000 mm | 3000 mm |

## 04.4 SISTEMI PER PORTE SCORREVOLI AD IMPACCHETTAMENTO

### 04.4.3 DF-H

Calcolo della misura dei vetri e posizionamento delle cerniere.

Posizionamento delle cerniere.

I disegni che seguono illustrano le casistiche di installazioni con ante dispari e con ante pari.

Su ogni singola cerniera è stato riportato il codice identificativo (116, 106, 110, ecc.) per mostrare il posizionamento di ciascun articolo che andrà a comporre la vetrata.

Ricordiamo che è indispensabile utilizzare sempre la guida a pavimento (articolo E14S11501/02) per rendere più stabile il sistema in fase di movimentazione.

Tuttavia per composizioni con larghezza del vano di piccole dimensioni, è possibile non prevedere la guida a pavimento.

In questo caso, la cerniera inferiore modello "112" sarà sostituita dalla cerniera modello "106".

Inoltre, nel caso di ante pari, non sarà utilizzabile la cerniera inferiore modello "114" e quindi non è necessaria la foratura nella posizione da questa occupata.

Calculation of glass dimensions and positioning of the hinges.

Hinges placement.

The drawings below show some examples of installation with both odd and even doors.

In the drawing of each hinge, the code (116, 106, 110, etc.) has been reported to show the position of each item composing the glass partition.

The use of the floor guide is essential (art. E14S11501/02) to make the system stable during the handling.

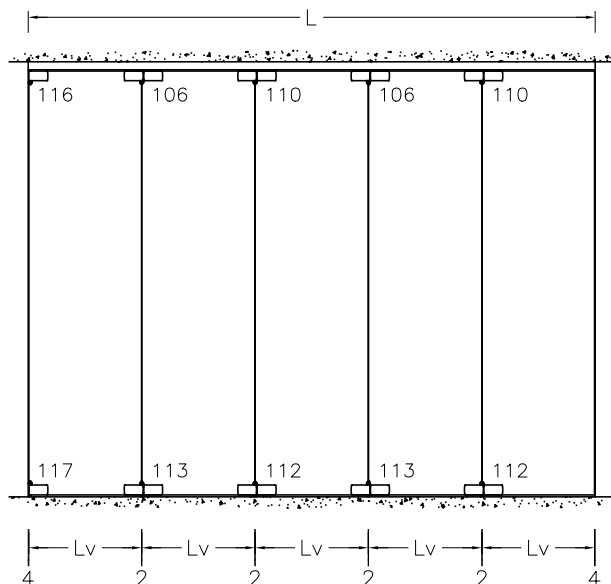
It is exceptionally possible not to use the floor guide in case of compositions with small opening length.

In this case, the bottom hinge model "112" is to be replaced by the hinge model "106".

In case of even doors, it is not possible to use the bottom hinge model "114". Therefore, no drilling is required in this position.

Quote compatibili con o senza guarnizione verticale - Dimensions compatible with or without vertical gasket

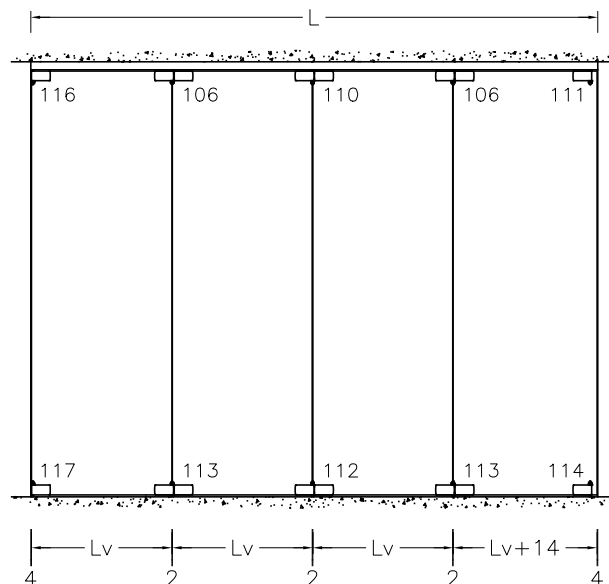
Sistema con ante dispari - System with odd doors



Esempio con 5 ante/Example with 5 doors

$$Lv = (L - 4 - 2 - 2 - 2 - 2 - 4) / 5$$

Sistema con ante pari - System with even doors



Esempio con 4 ante/Example with 4 doors

$$Lv = (L - 4 - 2 - 2 - 2 - 4 - 14) / 4$$

# FOLDING AND SLIDING SYSTEMS FOR SLIDING DOORS

## Calcolo della larghezza dei vetri.

Per calcolare la larghezza dei vetri bisogna considerare alcuni punti di seguito indicati.

- Aria da lasciare fra i vari pannelli e i muri laterali, come indicato sotto a ciascun disegno.

Le quote riportate sono quelle standard ma possono anche essere aumentate a seconda delle esigenze di installazione (ad esempio possiamo allargare lo spazio fra vetro e vetro nel caso in cui ci sia necessità di inserire delle guarnizioni).

- Nelle installazioni con ante dispari non è necessario che l'ultima anta abbia per forza la stessa misura delle altre, in quanto non è vincolata da cerniera sul lato muro.

- Nelle installazioni con ante pari l'ultima anta deve essere 14 mm più larga delle altre.

## Glass width calculation.

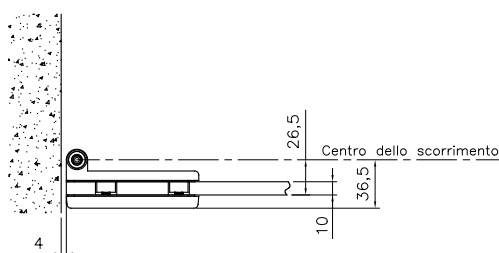
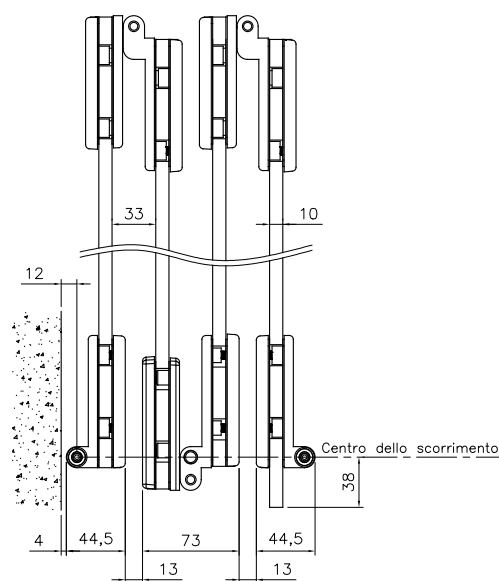
To calculate the glass dimensions, please consider the following points.

- The distance to be kept among the glass panels and the lateral walls is specified below each drawing. The reported dimension is the standard one, but it can be increased according to the installation needs (for example you can increase the space between the glass panels if you have to insert some gaskets).

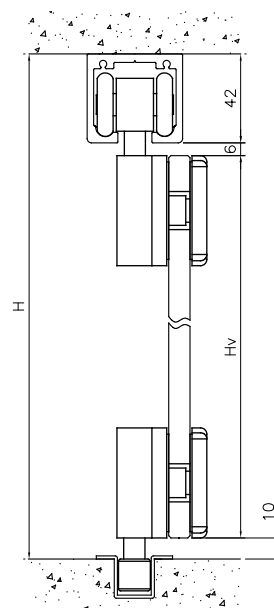
- In installations with odd doors, the last panel may have a different size than the others as it is not bond by hinges on the wall side.

- In installations with even doors, the last panel should be 14 mm wider than the others.

Vista in sezioni superiore - Top section view



Vista in sezioni laterale - Lateral section view



$$H_v = H - 58\text{mm}$$



## 04.5 PORTE AUTOMATICHE: SISTEMA “VIAVAI”

ViaVai è il sistema automatico per porte scorrevoli tuttovetro da 10 mm di spessore, fino a 160 kg o 120+120 kg.

Automazioni a scorrimento rettilineo con soli 90 mm di altezza, per un servizio molto intenso, ad altissimo contenuto tecnologico e grande silenziosità.

### Caratteristiche tecniche

ViaVai è dotato di:

- motore 24 Vdc;
- quadro elettronico con logica a microprocessore;
- dispositivo antischiacciamento elettronico con doppio encoder.

## 04.5 AUTOMATIC DOORS: “VIAVAI” SYSTEM

ViaVai is an automatic system for all-glass sliding doors of 10 mm, up to 160 kg or 120+120 kg.

Straight-sliding automation only 90 mm high. Designed for a very intense service with high technological content and extreme silence.

### Technical features

ViaVai has:

- a 24 Vdc engine;
- a switchgear with microprocessor logic;
- an electronic anti-crushing device with double encoder.



# PORTE AUTOMATICHE SISTEMA “VIAVAI” AUTOMATIC DOORS “VIAVAI” SYSTEM



## PUNTI DI FORZA STRENGTHS

- 1 DESIGN RAFFINATO CON ESTREMITÀ ARROTONDATE**  
REFINED DESIGN WITH ROUNDED EDGES
- 2 ESTREMAMENTE COMPATTO IN ALTEZZA: SOLO 90 MM**  
EXTREMELY COMPACT IN HEIGHT: ONLY 90 MM
- 3 DISPONIBILE ANCHE TELESCOPICO**  
AVAILABLE ALSO IN TELESCOPIC VERSION
- 4 UNICO PROFILO PER TUTTE LE PORTATE**  
SAME PROFILE FOR ALL CAPACITIES
- 5 ROTAIA INTERCAMBIABILE, MONTAGGIO FACILITATO**  
INTERCHANGEABLE GUIDE-RAIL, EASY MOUNTING
- 6 SISTEMA CON RUOTA ANTI-DERAGLIAMENTO**  
SYSTEM WITH ANTI-DERAILMENT WHEEL DEVICE





## 04.5 PORTE AUTOMATICHE - AUTOMATIC DOORS

### 04.5.1 SISTEMA “VIAVAI” - “VIAVAI” SYSTEM

| Caratteristiche tecniche                                       | ViaVai                                                     | ViaVai telescopico                                         |
|----------------------------------------------------------------|------------------------------------------------------------|------------------------------------------------------------|
| Alimentazione                                                  | 230 Vac (+/- 10%) 50/60 Hz                                 | 230 Vac (+/- 10%) 50/60 Hz                                 |
| Potenza nominale                                               | 130 W                                                      | 130 W                                                      |
| Tensione elettroblocco                                         | 12 Vdc, 5 W                                                | 12 Vdc, 5 W                                                |
| Caricabatterie                                                 | 27,6 Vdc max, I max = 350 mA max in ricarica               | 27,6 Vdc max, I max = 350 mA max in ricarica               |
| Motore elettrico                                               | 24 Vdc max power 80 VA                                     | 24 Vdc max power 80 VA                                     |
| Peso max raccomandato per anta                                 | 1 anta 160 kg<br>2 ante 120 kg+120 kg                      | 1+1 anta 100+100 kg<br>2 ante 70+70+70+70 kg               |
| Velocità apertura                                              | Regolabile max 80 cm/s<br>(per anta in classe di peso “0”) | Regolabile max 80 cm/s<br>(per anta in classe di peso “0”) |
| Velocità chiusura                                              | Regolabile max 50 cm/s<br>(per anta in classe di peso “0”) | Regolabile max 50 cm/s<br>(per anta in classe di peso “0”) |
| Tempo pausa apertura                                           | Regolabile da 0 a 60 secondi                               | Regolabile da 0 a 60 secondi                               |
| Temperatura di esercizio                                       | da -20°C a +55°C                                           | da -20°C a +55°C                                           |
| Grado di protezione                                            | IP 22                                                      | IP 22                                                      |
| Lunghezza traversa                                             | max 7 m                                                    | max 7 m                                                    |
| Fusibile prima linea alimentazione:                            | fusibile a lama tipo AL da 15°                             | fusibile a lama tipo AL da 15°                             |
| Fusibile linea alimentazione batteria ausiliaria               | fusibile a lama tipo AL da 15°                             | fusibile a lama tipo AL da 15°                             |
| Uscita alimentazione accessori                                 | 28V max, con 500 mA max                                    | 28V max, con 500 mA max                                    |
| Utilizzo in atmosfera particolarmente acida salina o esplosiva | NO                                                         | NO                                                         |

| Technical features                                      | ViaVai                                                        | Telescopic ViaVai                                             |
|---------------------------------------------------------|---------------------------------------------------------------|---------------------------------------------------------------|
| Power source                                            | 230 Vac (+/- 10%) 50/60 Hz                                    | 230 Vac (+/- 10%) 50/60 Hz                                    |
| Nominal power                                           | 130 W                                                         | 130 W                                                         |
| Electric lock voltage                                   | 12 Vdc, 5 W                                                   | 12 Vdc, 5 W                                                   |
| 350mA charger                                           | 27,6 Vdc max, I max = 350 mA max in charge                    | 27,6 Vdc max, I max = 350 mA max in charge                    |
| Electric motor                                          | 24 Vdc max power 80 VA                                        | 24 Vdc max power 80 VA                                        |
| Recommended max. weight for each door                   | 1 door 160 kg<br>2 doors 120+120 kg                           | 1+1 doors 100+100 kg<br>2 doors 70+70+70+70 kg                |
| Opening speed                                           | Adjustable max 80 cm/s<br>(for each door in weight class “0”) | Adjustable max 80 cm/s<br>(for each door in weight class “0”) |
| Closing speed                                           | Adjustable max 50 cm/s<br>(for each door in weight class “0”) | Adjustable max 50 cm/s<br>(for each door in weight class “0”) |
| Opening pause time                                      | Adjustable from 0 to 60 seconds                               | Adjustable from 0 to 60 seconds                               |
| Operating temperature                                   | from -20°C to +55°C                                           | from -20°C to +55°C                                           |
| Degree of protection                                    | IP 22                                                         | IP 22                                                         |
| Crossbeam length                                        | max 7 mt                                                      | max 7 mt                                                      |
| Fuse of the main power source line                      | blade fuse type AL of 15°                                     | blade fuse type AL of 15°                                     |
| Fuse of the auxiliary battery power source line         | blade fuse type AL of 15°                                     | blade fuse type AL of 15°                                     |
| Accessories power outlet                                | 28V max, with 500 mA max                                      | 28V max, with 500 mA max                                      |
| Use in particularly acid saline or explosive atmosphere | NO                                                            | NO                                                            |

## 04.5 PORTE AUTOMATICHE - AUTOMATIC DOORS

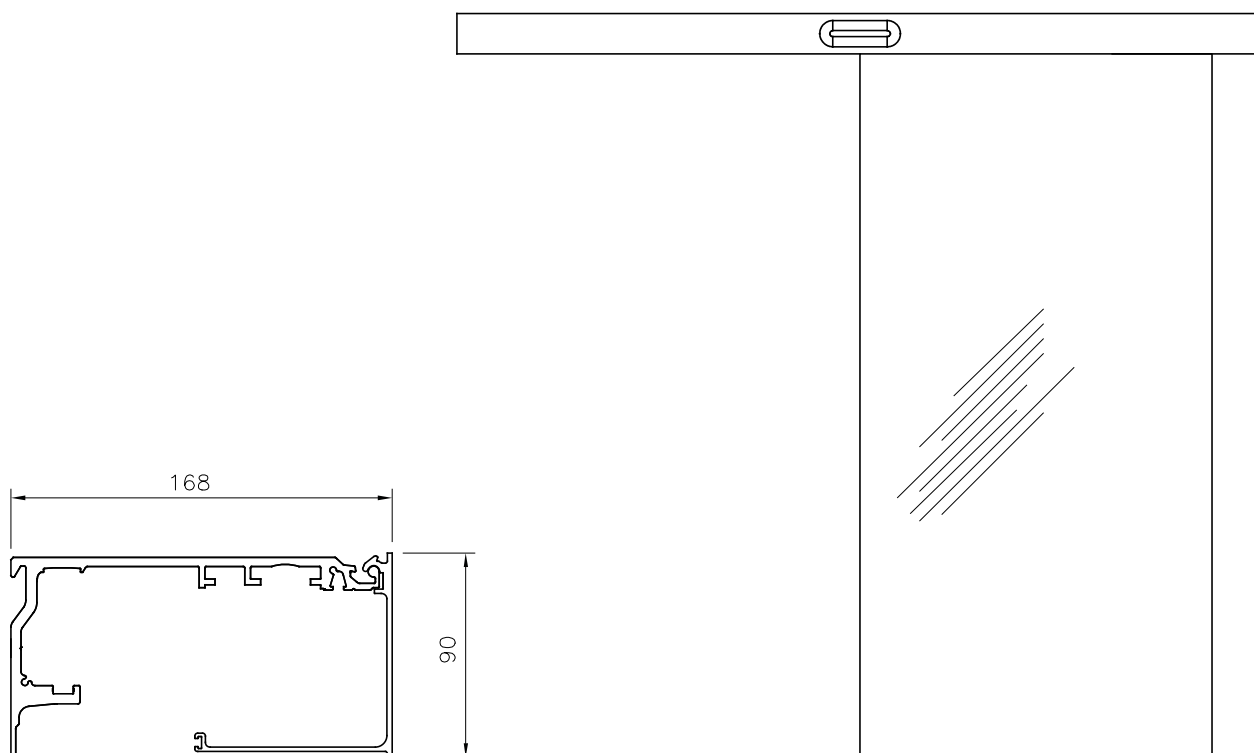
### 04.5.1 SISTEMA "VIAVAI" - "VIAVAI" SYSTEM

#### Kit anta singola

Preassemblata a misura per anta scorrevole fino a 160 kg.  
Finitura anodizzato argento.

#### Single door kit

Preassembled on size for sliding door up to 160 kg/door.  
Silver anodized finish.



#### Il Kit comprende:

- kit gruppo movimentazione per 1 anta;
- profilo trave principale, profilo coperchio, profilo rotaia, profilo in gomma antivibrazioni;
- cinghia di trascinamento;
- spazzolino H 25 mm.

#### The kit includes:

- movement group kit for 1 door;
- main beam profile, cover profile, guide-rail profile, anti-vibration rubber profile;
- dragging belt;
- H 25 mm brush.

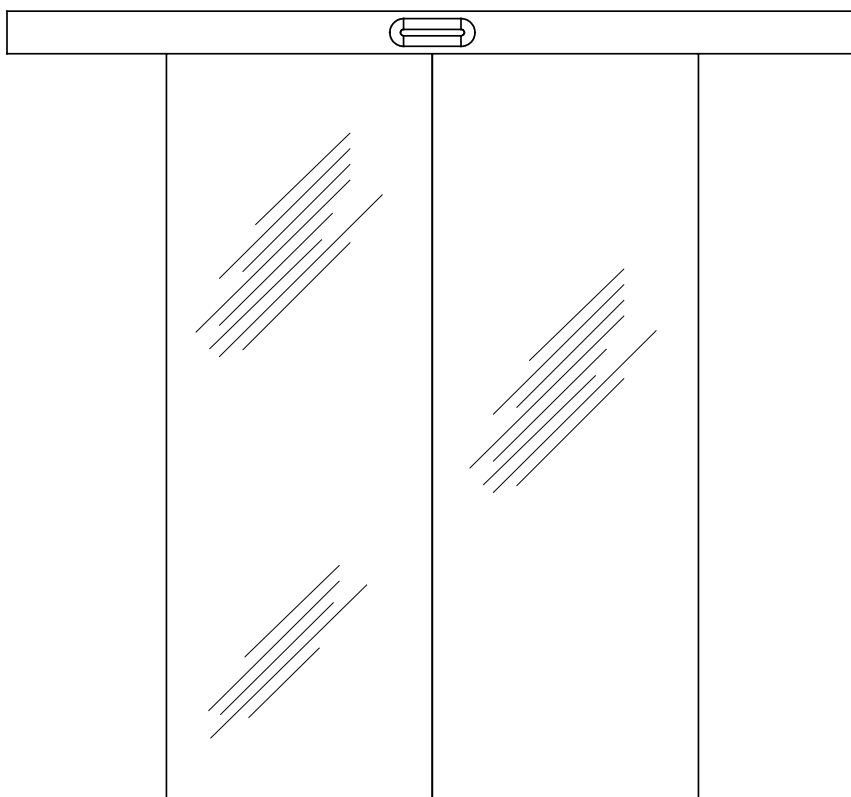
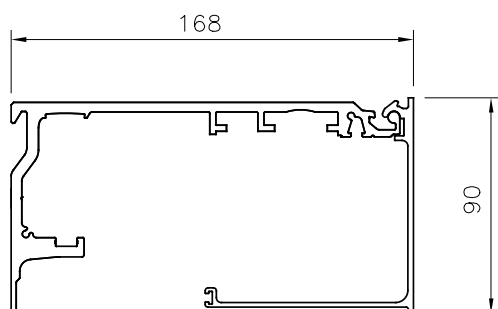
| Cod.      | vano passaggio | L senza tappi | L con tappi | opening | L without caps | L with caps |
|-----------|----------------|---------------|-------------|---------|----------------|-------------|
| E20C01011 | 900 mm         | 1900 mm       | 1950 mm     | 900 mm  | 1900 mm        | 1950 mm     |
| E20C01021 | 1000 mm        | 2100 mm       | 2150 mm     | 1000 mm | 2100 mm        | 2150 mm     |
| E20C01031 | 1200 mm        | 2500 mm       | 2550 mm     | 1200 mm | 2500 mm        | 2550 mm     |
| E20C01041 | 1400 mm        | 2900 mm       | 2950 mm     | 1400 mm | 2900 mm        | 2950 mm     |
| E20C01051 | 1600 mm        | 3300 mm       | 3350 mm     | 1600 mm | 3300 mm        | 3350 mm     |
| E20C01061 | 1800 mm        | 3700 mm       | 3750 mm     | 1800 mm | 3700 mm        | 3750 mm     |
| E20C01071 | 2000 mm        | 4100 mm       | 4150 mm     | 2000 mm | 4100 mm        | 4150 mm     |
| E20C01081 | 2100 mm        | 4300 mm       | 4350 mm     | 2100 mm | 4300 mm        | 4350 mm     |
| E20C01091 | 3350 mm        | 6800 mm       | 6850 mm     | 3350 mm | 6800 mm        | 6850 mm     |

**Kit anta doppia**

Preassemblata a misura per anta scorrevole fino a 120 kg/anta.  
Finitura anodizzato argento.

**Double door kit**

Preassembled on size for sliding door up to 120 kg/door.  
Silver anodized finish.

**Il Kit comprende:**

- kit gruppo movimentazione per 2 ante;
- profilo trave principale, profilo coperchio, profilo rotaia, profilo in gomma antivibrazioni;
- cinghia di trascinamento;
- spazzolino H 25 mm.

**The kit includes:**

- movement group kit for 2 doors;
- main beam profile, cover profile, guide-rail profile, anti-vibration rubber profile;
- dragging belt;
- H 25 mm brush.

| Cod.      | vano passaggio | L senza tappi | L con tappi | opening | L without caps | L with caps |
|-----------|----------------|---------------|-------------|---------|----------------|-------------|
| E20C02011 | 900 mm         | 1900 mm       | 1950 mm     | 900 mm  | 1900 mm        | 1950 mm     |
| E20C02021 | 1000 mm        | 2100 mm       | 2150 mm     | 1000 mm | 2100 mm        | 2150 mm     |
| E20C02031 | 1200 mm        | 2500 mm       | 2550 mm     | 1200 mm | 2500 mm        | 2550 mm     |
| E20C02041 | 1400 mm        | 2900 mm       | 2950 mm     | 1400 mm | 2900 mm        | 2950 mm     |
| E20C02051 | 1600 mm        | 3300 mm       | 3350 mm     | 1600 mm | 3300 mm        | 3350 mm     |
| E20C02061 | 1800 mm        | 3700 mm       | 3750 mm     | 1800 mm | 3700 mm        | 3750 mm     |
| E20C02071 | 2000 mm        | 4100 mm       | 4150 mm     | 2000 mm | 4100 mm        | 4150 mm     |
| E20C02081 | 2100 mm        | 4300 mm       | 4350 mm     | 2100 mm | 4300 mm        | 4350 mm     |
| E20C02091 | 3350 mm        | 6800 mm       | 6850 mm     | 3350 mm | 6800 mm        | 6850 mm     |

## 04.5 PORTE AUTOMATICHE - AUTOMATIC DOORS

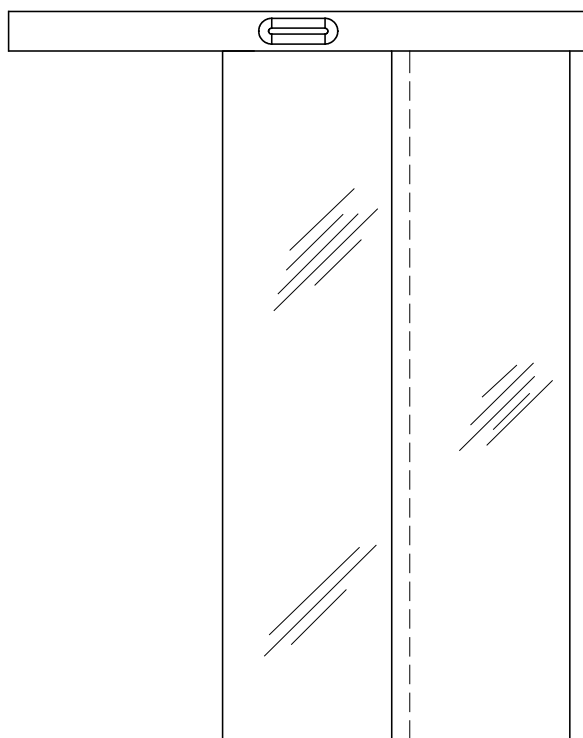
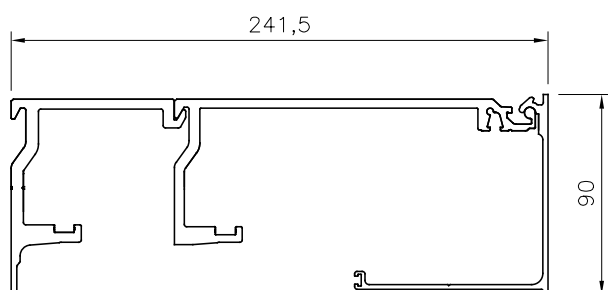
### 04.5.1 SISTEMA "VIAVAI" - "VIAVAI" SYSTEM

#### Kit 1+1 anta telescopica

Preassemblata a misura per ante scorrevoli telescopiche fino a 100 kg/anta.  
Finitura anodizzato argento.

#### Kit for 1+1 telescopic door

Preassembled on size for sliding telescopic doors up to 100 kg/door.  
Silver anodized finish.



#### Il Kit comprende:

- kit gruppo movimentazione per 1 anta;
- kit estensione per 1+1 anta telescopica;
- profilo trave telescopica, profilo trave principale, profilo coperchio, profilo rotaia, profilo in gomma antivibrazioni;
- cinghia di trascinamento;
- spazzolino H 25 mm.

#### The kit includes:

- movement group kit for 1 door;
- extention kit for 1+1 telescopic door;
- telescopic beam profile, main beam profile, cover profile, guide-rail profile, anti-vibration rubber profile;
- dragging belt;
- H 25 mm brush.

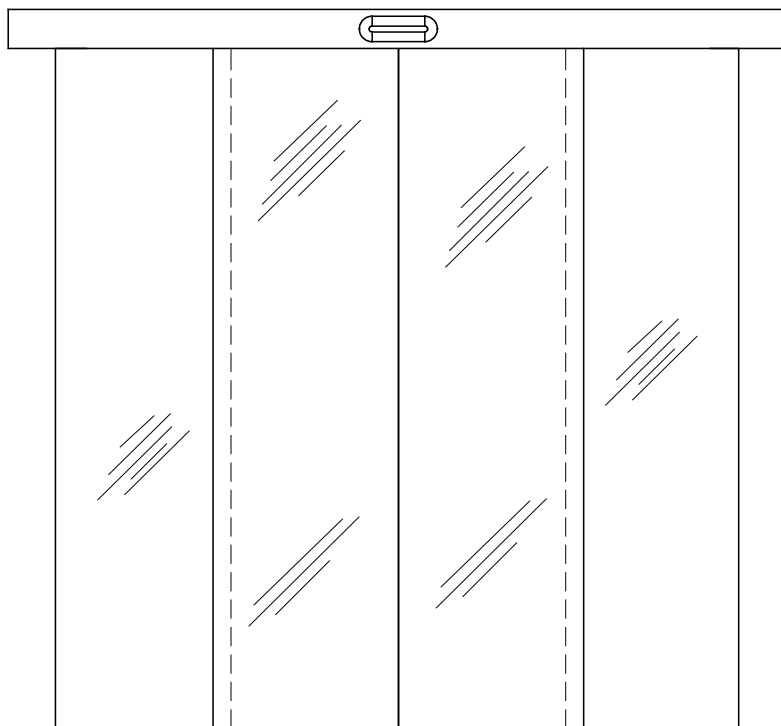
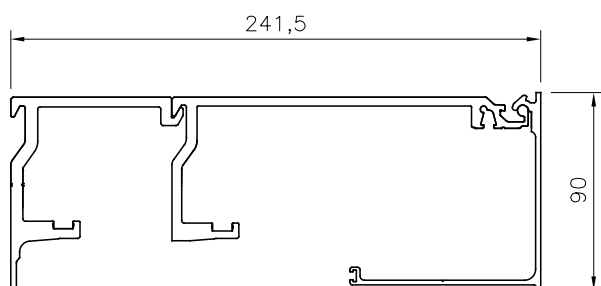
| Cod.      | vano passaggio | L senza tappi | L con tappi | opening | L without caps | L with caps |
|-----------|----------------|---------------|-------------|---------|----------------|-------------|
| E20C03011 | 1000 mm        | 1625 mm       | 1630 mm     | 1000 mm | 1625 mm        | 1630 mm     |
| E20C03021 | 1200 mm        | 1925 mm       | 1930 mm     | 1200 mm | 1925 mm        | 1930 mm     |
| E20C03031 | 1400 mm        | 2225 mm       | 2230 mm     | 1400 mm | 2225 mm        | 2230 mm     |
| E20C03041 | 1600 mm        | 2525 mm       | 2530 mm     | 1600 mm | 2525 mm        | 2530 mm     |
| E20C03051 | 1800 mm        | 2825 mm       | 2830 mm     | 1800 mm | 2825 mm        | 2830 mm     |
| E20C03061 | 2000 mm        | 3125 mm       | 3130 mm     | 2000 mm | 3125 mm        | 3130 mm     |
| E20C03071 | 2100 mm        | 3275 mm       | 3280 mm     | 2100 mm | 3275 mm        | 3280 mm     |
| E20C03081 | 2900 mm        | 4500 mm       | 4505 mm     | 2900 mm | 4500 mm        | 4505 mm     |

**Kit 2+2 ante telescopiche**

Preassemblata a misura per ante scorrevoli telescopiche fino a 70+70 kg/anta.  
Finitura anodizzato argento.

**Kit for 2+2 telescopic doors**

Preassembled on size for sliding telescopic doors up to 70+70 kg/door.  
Silver anodized finish.

**Il Kit comprende:**

- kit gruppo movimentazione per 2 ante;
- kit estensione per 2+2 ante telescopiche;
- profilo trave telescopica, profilo trave principale, profilo coperchio, profilo rotaia, profilo in gomma antivibrazioni;
- cinghia di trascinamento;
- spazzolino H 25 mm.

**The kit includes:**

- movement group kit for 2 doors;
- extension kit for 2+2 telescopic doors;
- telescopic beam profile, main beam profile, cover profile, guide-rail profile, anti-vibration rubber profile;
- dragging belt;
- H 25 mm brush.

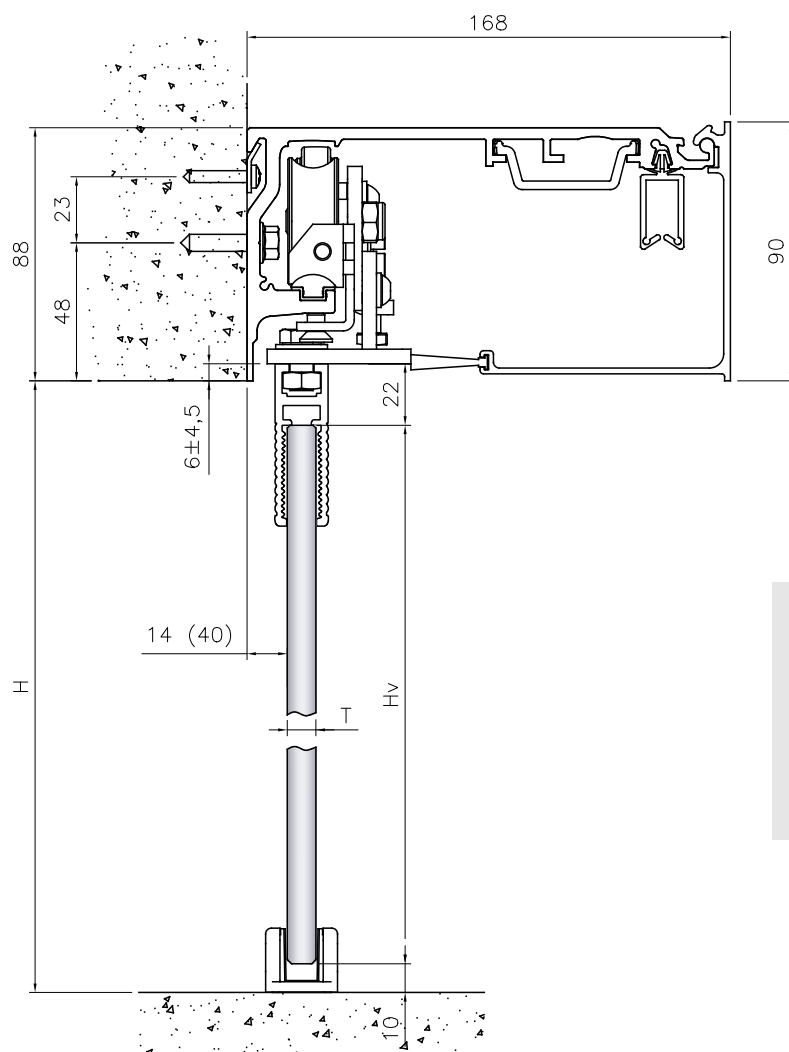
| Cod.             | vano passaggio | L senza tappi | L con tappi | opening | L without caps | L with caps |
|------------------|----------------|---------------|-------------|---------|----------------|-------------|
| <b>E20C04011</b> | 1800 mm        | 2800 mm       | 2805 mm     | 1800 mm | 2800 mm        | 2805 mm     |
| <b>E20C04021</b> | 2000 mm        | 3100 mm       | 3105 mm     | 2000 mm | 3100 mm        | 3105 mm     |
| <b>E20C04031</b> | 2100 mm        | 3250 mm       | 3255 mm     | 2100 mm | 3250 mm        | 3255 mm     |
| <b>E20C04041</b> | 4600 mm        | 7000 mm       | 7005 mm     | 4600 mm | 7000 mm        | 7005 mm     |

## 04.5 PORTE AUTOMATICHE - AUTOMATIC DOORS

### 04.5.1 SISTEMA "VIAVAI" - "VIAVAI" SYSTEM

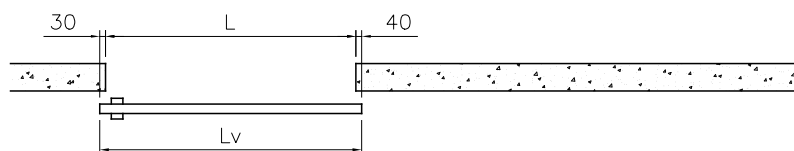
Vista in sezione - Sectional view

Anta singola/doppia - Single/double door



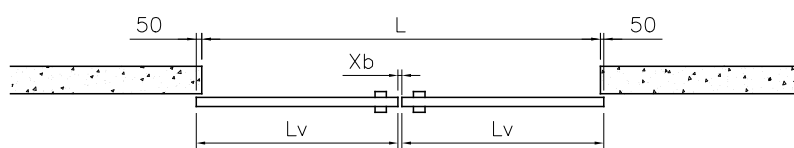
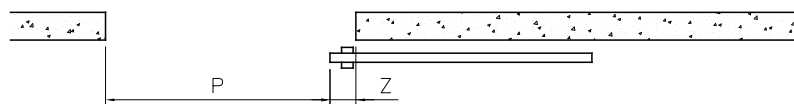
L = Larghezza vano - Space width  
P = Passaggio utile - Opening  
Lv = Larghezza vetro scorrevole  
Sliding glass door width  
Z = Ingombro maniglione  
Handle overall dimensions  
Xb = Aria per guarnizione Gasket space

$$H_v = H - 26\text{mm}$$



$$L_v = L + 70$$

$$P = L - Z$$

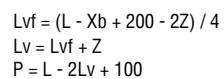
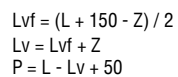
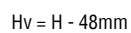


$$L_v = (L - X_b) / 2 + 50$$

$$P = L - 2Z$$



Anta telescopica 1+1 e 2+2 - Telescopic door 1+1 and 2+2





## 04.5 PORTE AUTOMATICHE - AUTOMATIC DOORS

### MORSETTI PER ANTA TUTTOVETRO VETRO 10 MM - CLAMPS FOR ALL-GLASS DOOR 10 MM GLASS

| Profilo morsetto | Clamp profile |
|------------------|---------------|
|------------------|---------------|



| Cod.      | L       | Finitura           | L       | Finish          |
|-----------|---------|--------------------|---------|-----------------|
| E20C10011 | 1600 mm | anodizzato argento | 1600 mm | anodized silver |
| E20C10021 | 3200 mm | anodizzato argento | 3200 mm | anodized silver |

| Kit viti di fissaggio e tappi di chiusura per anta singola | Fixing screws kit and closing caps for single door |
|------------------------------------------------------------|----------------------------------------------------|
|------------------------------------------------------------|----------------------------------------------------|



| Cod.      | Finitura           | Finish          |
|-----------|--------------------|-----------------|
| E20C10030 | anodizzato argento | anodized silver |

| Guida a pavimento | Floor guide |
|-------------------|-------------|
|-------------------|-------------|



| Cod.      | Finitura           | Finish          |
|-----------|--------------------|-----------------|
| E17A00070 | anodizzato argento | anodized silver |

# Staffe per ante telescopiche

# Brackets for telescopic doors



| Cod.      | Finitura           | Finish          |
|-----------|--------------------|-----------------|
| E20C10110 | anodizzato argento | anodized silver |

# Guida a pavimento per ante telescopiche

# Floor guide for telescopic doors



| Cod.      | Finitura           | Finish          |
|-----------|--------------------|-----------------|
| E20C10120 | anodizzato argento | anodized silver |

## 04.5 PORTE AUTOMATICHE - AUTOMATIC DOORS

### ACCESSORI - ACCESSORIES

Sensore di attivazione e sicurezza utilizzo interno/esterno, opzionale laterale per schiacciamento

Activation and safety sensor for internal/external use, optional lateral sensor against crushing



Cod.  
E20C20010

Selettore manuale senza chiave uso interno (via cavo)

Manual selectori without key for external use (via cable)



Cod.  
E20C25010

Selettore manuale con chiave uso interno (via cavo)

Manual selector with key for internal use (via cable)



Cod.  
E20C25020

| Selettore manuale bidirezionale uso interno (via radio)                           |  | Manual bidirectional selector for internal use (via radio) |
|-----------------------------------------------------------------------------------|--|------------------------------------------------------------|
|  |  |                                                            |
| Cod.<br><b>E20C25030</b>                                                          |  |                                                            |

| Ricevitore per selettore bidirezionale                                             |  | Receiver for bidirectional selector |
|------------------------------------------------------------------------------------|--|-------------------------------------|
|  |  |                                     |
| Cod.<br><b>E20C25040</b>                                                           |  |                                     |

| Selettore e programmatore con display grafico pixel (via cavo)                      |  | Selector and programmer with pixel graphic display (via cable) |
|-------------------------------------------------------------------------------------|--|----------------------------------------------------------------|
|  |  |                                                                |
| Cod.<br><b>E20C25050</b>                                                            |  |                                                                |
| Consigliato per verifica errori in ambienti pubblici                                |  | Recommended for error check in public areas                    |

## 04.5 PORTE AUTOMATICHE - AUTOMATIC DOORS

### ACCESSORI - ACCESSORIES

Tastiera Touch via PowerBus uso esterno (via cavo)

Touch keyboard via PowerBus for external use (via cable)



Cod.  
E20C25110

Decoder 2 canali da abbinare alla tastiera Touch

2-channel decoder to be matched with touch keyboard



Cod.  
E20C25120

Tastiera digitale per l'apertura dall'esterno - batterie incluse (via radio)

Digital keyboard for opening from outside - batteries included (via radio)



Cod.  
E20C25150

Ricevitore universale 2 canali "Rolling Code" per tastiera digitale

2-channel universal receiver "Rolling Code"



Cod.  
E20C26010

## 04.5 PORTE AUTOMATICHE - AUTOMATIC DOORS

### ACCESSORI - ACCESSORIES

Lettore di prossimità uso esterno (via cavo)

Proximity reader for outside use (via cable)



Cod.

E20C25210

Tessere per lettore di prossimità

Cards for proximity reader



Cod.

E20C25220



| Telecomando 4 canali resistente all'acqua                                         |                | Water resistant 4-channel remote control |
|-----------------------------------------------------------------------------------|----------------|------------------------------------------|
|  |                |                                          |
| Cod.<br><b>E20C25315</b>                                                          | colore<br>nero | colour<br>black                          |

| Ricevitore universale 2 canali "Rollin Code"                                        |  | 2-channel universal receiver "Rollin Code" |
|-------------------------------------------------------------------------------------|--|--------------------------------------------|
|  |  |                                            |
| Cod.<br><b>E20C26010</b>                                                            |  |                                            |

## 04.5 PORTE AUTOMATICHE - AUTOMATIC DOORS

### ACCESSORI OPZIONALI - OPTIONAL ACCESSORIES

| Kit elettroblocco                                                                 |  | Electric lock kit |
|-----------------------------------------------------------------------------------|--|-------------------|
|  |  |                   |
| Cod.                                                                              |  |                   |
| E20C30010                                                                         |  |                   |

| Kit sblocco manuale                                                                |  | Manual lock kit |
|------------------------------------------------------------------------------------|--|-----------------|
|  |  |                 |
| Cod.                                                                               |  |                 |
| E20C30020                                                                          |  |                 |

| Box metallico per sblocco dall'esterno                                              |  | Metal box for unlocking from outside |
|-------------------------------------------------------------------------------------|--|--------------------------------------|
|  |  |                                      |
| Cod.                                                                                |  |                                      |
| E20C30030                                                                           |  |                                      |

| Kit batteria di emergenza                                                         |  | Emergency battery kit |
|-----------------------------------------------------------------------------------|--|-----------------------|
|  |  |                       |
| Cod.                                                                              |  |                       |
| E20C30050                                                                         |  |                       |

| Kit staffe di fissaggio profilo al coperchio per montaggio ad incasso<br>(senza tappi laterali) |  | Set of brackets for the fixing of the profile to the cap<br>for flush-mountin (without lateral caps) |
|-------------------------------------------------------------------------------------------------|--|------------------------------------------------------------------------------------------------------|
|               |  |                                                                                                      |
| Cod.                                                                                            |  |                                                                                                      |
| E20C30110                                                                                       |  |                                                                                                      |

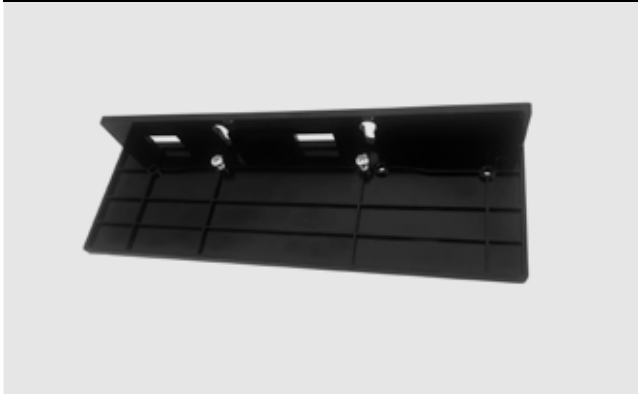
| Staffa di montaggio interna per sensore                                             |  | Internal mounting bracket for sensor |
|-------------------------------------------------------------------------------------|--|--------------------------------------|
|  |  |                                      |
| Cod.                                                                                |  |                                      |
| E20C30150                                                                           |  |                                      |

## 04.5 PORTE AUTOMATICHE - AUTOMATIC DOORS

### ACCESSORI OPZIONALI - OPTIONAL ACCESSORIES

Supporto sotto staffa per sensore

Beneath bracket support for sensor



Cod.  
E20C30160

Copri pioggia per sensore

Rain cover for sensor



Cod.  
E20C30170



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| E07N23812   | 123        | E14S11501    | 144         | E17D00300    | 30        | E20C03081   | 156       |
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| E07S10071   | 110        | E17A00037    | 62          | E18T00402    | 115       | E25P94121   | 129       |
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| E07S10082   | 94         | E17A00038.N  | 62          | E20C01011    | 154       | E25P94134   | 129       |
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## PULIZIA E MANUTENZIONE DELLE SUPERFICI DI ACCIAIO

Gli acciai inossidabili sono materiali per loro natura resistenti alla corrosione che non necessitano di un'ulteriore protezione superficiale per migliorare il loro aspetto e la loro durabilità. Per mantenere le superfici in acciaio in buone condizioni, sono necessarie un po' di ordinaria manutenzione e di pulizia, così che l'aspetto estetico e la resistenza alla corrosione non siano compromessi. Gli acciai inossidabili, come altri materiali da costruzione, non sono da ritenersi esenti da manutenzione durante il loro ciclo di vita. Le indicazioni che seguono vogliono offrire alcuni utili consigli su come effettuare un'efficace ed economica pulizia delle superfici di acciaio inossidabile, traendo vantaggio dalle proprietà di resistenza alla corrosione.

È importante, prima di tutto, capire perché l'acciaio inossidabile è così resistente alla corrosione. Gli elementi di lega formano sulla sua superficie un sottile, trasparente strato passivo. Questo film protettivo è formato da un sottile strato di atomi che, in caso venga scalfito o danneggiato, si autorigenera in presenza di ossigeno, continuando a proteggere la superficie. Ecco perché, anche dopo averlo usato per decenni, l'acciaio inossidabile rimane brillante e lucido senza richiedere nessun rivestimento o trattamento protettivo contro gli agenti corrosivi.

## PRODOTTI DI PULIZIA

I prodotti più sicuri ed efficaci per rimuovere impronte o altri tipi di macchie sono l'acqua o un detergente leggero. Entrambi risultano sicuri ed efficaci. Sono disponibili prodotti spray brevettati che, durante una normale pulizia, rilasciano un leggero film che produce una lucentezza uniforme. Questi spray rimuovono le impronte e trattano la superficie in modo tale da ridurre la comparsa di altre impronte negli usi successivi. Dopo aver applicato il prodotto spray sulla superficie, lucidare con un panno asciutto. Per le macchie più resistenti, sono adatti prodotti in crema non aggressivi come il CIF, che può essere usato per togliere tracce di acqua e leggere decolorazioni. Dopo aver effettuato un'appropriata pulizia, rimuovere i residui con acqua demineralizzata (facilmente reperibile nei supermercati perché generalmente usata per i ferri da stiro) e asciugare per evitare striature e tracce di acqua. Sono sconsigliati i prodotti abrasivi perché possono lasciare graffi sulle superfici di acciaio. Prodotti di pulizia da NON usare sull'acciaio:

- prodotti contenenti cloruri, specialmente quelli contenenti acido cloridrico;
- candeggine a base di acido ipoclorico. Se vengono accidentalmente versate su superfici inox, devono essere risciacquate abbondantemente con acqua pulita;
- prodotti per la pulizia dell'argento.

## UTENSILI PER LA PULIZIA

Per rimuovere uno sporco leggero o le impronte, è consigliabile usare un panno umido o di pelle scamosciata. Per lo sporco più pesante, sono consigliabili le spugnette di nylon, ad esempio del tipo "Scotch Brite". Assolutamente da non usare le pagliette abrasive e quelle metalliche non inox che, oltre a graffiare la superficie, possono lasciare depositi di acciaio al carbonio che, in presenza di umidità, potrebbero dar luogo a macchie di ruggine. Se è stata utilizzata acqua per pulire o risciacquare, specialmente se con notevole presenza di calcare, è necessario asciugare immediatamente la superficie per prevenire la comparsa di nuove macchie. L'uso dell'acqua deionizzata può evitare la formazione di calcare.

## CLEANING AND MAINTENANCE OF STEEL SURFACES

Stainless steel is by nature a corrosion-resistant material. It does not need any further superficial protection to improve its appearance and durability. To maintain the good condition of steel surfaces, all it needs is ordinary maintenance and cleaning. In this way its aesthetics and its resistance to corrosion will not be compromised. Like other building materials, stainless steel too is not maintenance free during its lifetime. The following instructions offer some useful advice on how to perform an efficient and cheap cleaning of stainless steel surfaces, taking advantage of its corrosion-resistance.

First of all, it's important to understand what makes stainless steel so corrosion-resistant. The alloy elements form a thin, transparent passive layer on its surface. This protective film is made of a thin layer of atoms which self-regenerates in presence of oxygen every time it is scratched or damaged. In this way, the surface is continuously protected. This is why stainless steel remains shiny and polished even after decades-long uses without requiring any protective coating or treatment against corrosive agents.

## CLEANING PRODUCTS

The safer and more efficient products to remove prints or other types of stains are water or mild detergents. Both are indeed safe and efficient. There are patented sprays releasing a light protective film and producing uniform brilliance. These sprays remove prints and prevent their appearance on the surface. Polish with a dry cloth after the application of the spray. In case of stubborn stains use non-aggressive creamy products such as CIF, which can be used to remove traces of water and light discolorations. After a proper cleaning, remove the residues using demineralized water (easily available in supermarkets as it is commonly used for irons) and dry to avoid streaks and traces of water. Do not use abrasive products: they might scratch the steel surfaces. Cleaning products NOT to be used on steel:

- products containing chlorides, especially hydrochloric acid;
- bleaches of hydrochloric acid. If accidentally spilt on stainless steel surfaces, thoroughly rinse with clean water;
- products for cleaning silver.

## CLEANING TOOLS

To remove light soiling or prints it is advisable to use a damp cloth or a suede leather cloth. For heavier dirt, use nylon sponges such as "Scotch Brite". Do not use abrasive scourer or non-stainless-steel metal ones. These would in fact scratch the surface or leave carbon steel deposits which, in case of humidity, might cause rust stains. If you use water to clean or rinse – especially in case of calcareous water – it's necessary to dry the surface immediately to avoid the appearance of stains. The use of deionized water can prevent the formation of limescale.



## FINITURE STANDARD - STANDARD FINISHES



Alluminio Spazzolato  
Brushed Aluminum



Acciaio Satinato/Simil Inox  
Satin Still/Similar Stainless Steel



Acciaio Lucido/Cromo Lucido  
Polished Stainless Steel  
Polished Chrome



Cromo Opaco  
Opaque Chrome



Nero Opaco  
Matt Black

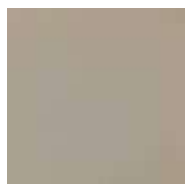


Oro Lucido  
Polished Gold

## FINITURE METAL WORK - METAL WORK FINISHES



ORO LUCIDO  
POLISHED GOLD



ORO OPACO  
GOLD MATTE



NICHEL NERO LUCIDO  
NICKEL POLISHED BLACK



NICHEL NERO OPACO  
NICKEL BLACK MATTE



BRONZO OTTONE LUCIDO  
BRONZE POLISHED  
BRASS



BRONZO OTTONE OPACO  
BRONZE BRASS MATTE



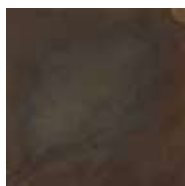
BRONZO RAME LUCIDO  
BRONZE COPPER POLISHED



BRONZO RAME OPACO  
BRONZE COPPER MATTE



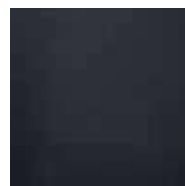
FIAMMATO OTTONE LUCIDO  
FLAMED POLISHED BRASS



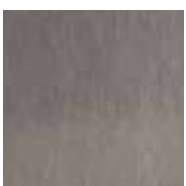
FIAMMATO OTTONE OPACO  
FLAMED BRASS MATTE



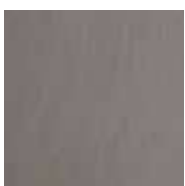
BRUNITO LUCIDO  
POLISHED BURNISHED



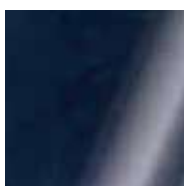
BRUNITO OPACO  
BURNISHED MATTE



PELTRO LUCIDO  
POLISHED PEWTER



PELTRO OPACO  
MATT PEWTER



BLU ANTICO LUCIDO  
ANTIQUE POLISHED  
BLUE



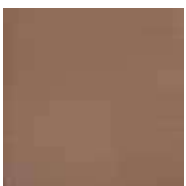
BLU ANTICO OPACO  
ANTIQUE BLUE MATTE



BRONZO RAME  
NUVOLATO LUCIDO  
POLISHED CLOUD-  
EFFECT COPPER  
BRONZE



BRONZO RAME  
NUVOLATO OPACO  
MATT CLOUD-EFFECT  
COPPER BRONZE



ASTANA RAME LUCIDO  
POLISHED ASTANA  
COPPER



ASTANA RAME OPACO  
MATT ASTANA COPPER



ASTANA OTTONE LUCIDO  
POLISHED ASTANA  
BRASS



ASTANA OTTONE OPACO  
MATT ASTANA BRASS



BRONZO OTTONE  
NUVOLATO LUCIDO  
POLISHED CLOUD-  
EFFECT BRASS  
BRONZE



BRONZO OTTONE  
NUVOLATO OPACO  
MATT CLOUD-EFFECT  
BRASS BRONZE





## CONDIZIONI GENERALI DI VENDITA

Le presenti condizioni generali di vendita disciplinano le modalità e le condizioni di vendita dei prodotti commercializzati da MGT INDUSTRIES S.R.L. Tutti i contratti per la vendita di prodotti a terzi (i "Clienti") sono regolati dalle presenti Condizioni Generali, le quali formano parte integrante e sostanziale di ogni proposta, ordine e conferma d'ordine di acquisto dei prodotti stessi. Le condizioni di vendita applicabili al tuo ordine sono quelle in vigore alla data dell'ordine stesso.

### 1. Prodotti: prezzi e caratteristiche

1.1 Salvo ove diversamente indicato, i prezzi dei Prodotti pubblicati da MGT INDUSTRIES S.R.L. devono intendersi ESCLUSA IVA al 22%. I prezzi dei Prodotti di volta in volta pubblicati da MGT INDUSTRIES S.R.L. annullano e sostituiscono i precedenti e sono subordinati alla effettiva disponibilità. MGT INDUSTRIES S.R.L. si riserva il diritto di confermare ovvero di modificare i prezzi dei prodotti pubblicati nei propri listini, al momento della conferma dell'ordine del Cliente. Le immagini dei prodotti sono indicative e non vincolanti. Tutte le caratteristiche tecniche e i prezzi pubblicati possono essere soggette a variazioni senza preavviso.

1.2 I Prodotti non vengono forniti in prova. Nonostante gli operatori MGT INDUSTRIES S.R.L. possano fornire indicazioni sulle caratteristiche dei prodotti, il Cliente è responsabile della scelta dei prodotti ordinati e della rispondenza e conformità delle specifiche indicate alle proprie esigenze.

### 2. Ordini

2.1 Tutti gli ordini di acquisto di Prodotti trasmessi a MGT INDUSTRIES S.R.L. dovranno essere completi in ogni loro parte e dovranno contenere tutti gli elementi necessari per la corretta individuazione. L'evasione dell'ordine da parte di MGT INDUSTRIES S.R.L. equivale a conferma ed accettazione dell'ordine stesso.

2.2 MGT INDUSTRIES S.R.L. si riserva il diritto di non accettare ordini incompleti. In caso di mancata esecuzione dell'ordine da parte di MGT INDUSTRIES S.R.L. (qualora la stessa sia dovuta ad indisponibilità dei Prodotti ordinati dal Cliente) MGT INDUSTRIES S.R.L. provvederà al più presto ad informare il Cliente.

2.3 La documentazione fiscale relativa ai Prodotti ordinati verrà emessa da MGT INDUSTRIES S.R.L. al momento della spedizione dei prodotti stessi al Cliente.

### 3. Consegna dei Prodotti

3.1 I tempi di evasione dell'ordine sono indicativamente di 2/5 giorni lavorativi dalla data dello stesso, fatto salvo per componenti "speciali" non disponibili a magazzino. Verranno indicati in fase di offerta in base alle specifiche esigenze, le spese di trasporto in caso il materiale venga spedito con nostri corrieri convenzionati.

Tutte le spese di consegna dei prodotti sono a Carico del Cliente. Le consegne vengono normalmente effettuate tramite corriere. In caso di spedizioni in contrassegno a mezzo corriere, la consegna dei prodotti è subordinata al pagamento, da parte del Cliente, del relativo importo in contanti o assegno.

MGT INDUSTRIES S.R.L. ha il diritto, a proprio insindacabile giudizio, di effettuare la consegna dei prodotti ordinati a mezzo di un corriere diverso o tramite altro mezzo che ritenga opportuno. Salvo ove diversamente indicato.

Verranno addebitate le spese di trasporto in riferimento al peso, dimensione, cubatura e destinazione dei prodotti spediti.

3.2 I termini di consegna indicati da MGT INDUSTRIES S.R.L. si riferiscono ai prodotti presenti presso i propri magazzini e, pur essendo attentamente valutati, devono intendersi non vincolanti per MGT INDUSTRIES S.R.L. la quale può successivamente confermarli o modificarli, a seconda delle proprie effettive esigenze. Eventuali ritardi nelle consegne inferiori a 30 (trenta) giorni non danno diritto al Cliente di rifiutare la consegna dei prodotti, né di pretendere risarcimenti o indennizzi di sorta.

3.3 MGT INDUSTRIES S.R.L. ha il diritto di effettuare la consegna dei prodotti (anche relativa ad uno stesso ordine) in più consegne successive addebitando al Cliente le spese di trasporto una sola volta, salvo nei casi di prodotti "speciali" che per definizione non sono presenti in magazzino.

3.4 Condizioni e termini di consegna particolari dovranno essere preventivamente concordate tra il Cliente e MGT INDUSTRIES S.R.L. ed accettate per iscritto da MGT INDUSTRIES S.R.L.

## SALES CONDITIONS

The current general conditions rule the sales terms and conditions of the products commercialized by MGT INDUSTRIES S.R.L. All contracts concerning the sales of products to third parts (the "Customers") are regulated by the current general conditions. These are integral and substantial part of each suggestion, order and purchase order confirmation of the products themselves. The sales conditions applied to your order are those in force at the date of the order.

### 1. Products: prices and features

1.1 Unless otherwise specified, the prices of the products stated by MGT INDUSTRIES S.R.L. are EXCLUDING 22% Vat. The prices published from time to time from MGT INDUSTRIES S.R.L. cancel and replace the previous ones and are subject to the actual availability. MGT INDUSTRIES S.R.L. reserves the right to confirm or modify the prices of the products published in its pricelists when confirming the order to the customer. The product images are indicative and not binding. All published technical features and prices can be subject to variations without notice.

1.2 Products are not supplied for trial use. The MGT INDUSTRIES S.R.L. staff can provide information about the product features, but the customer is responsible for the choice of the ordered products and of their compliance and conformity with the customer's requirements.

### 2. Order

2.1 All purchase orders of products communicated to MGT INDUSTRIES S.R.L. must be complete in every part and contain all necessary elements to allow the proper identification. The fulfilment of the order from MGT INDUSTRIES S.R.L. corresponds to the confirmation and acceptance of the order itself.

2.2 MGT INDUSTRIES S.R.L. reserves the right not to accept incomplete orders. In case of non-execution of the order by MGT INDUSTRIES S.R.L. (because of unavailability of the products ordered by the customer), MGT INDUSTRIES S.R.L. will inform the customer as soon as possible.

2.3 The accounting documents concerning the ordered products are issued by MGT INDUSTRIES S.R.L. on dispatch of the products to the customer.

### 3. Delivery of the products

3.1. Order fulfilment times are approximately 2/5 working days from the order date, except for "special" components not available on stock. All deliveries are generally made by our courier. The customer is charged for the shipping costs. In case the goods are sent by our courier, the shipping costs will be specified during the offer/order confirmation stage. In case of cash on delivery shipment by courier, the delivery of the products is subject to the customer's payment of the due amount by cash or cheque. MGT INDUSTRIES S.R.L. has the right, in its unquestionable judgment, to ship the ordered products by a different courier or by other suitable means, unless otherwise indicated. Shipping costs will be charged considering weight, volume and destination of the products to be shipped.

3.2 The delivery deadlines stated by MGT INDUSTRIES S.R.L. are referred to the products available on stock. Even though carefully evaluated, they are not binding for MGT INDUSTRIES S.R.L. which can subsequently confirm or modify them according to its effective requirements. Possible delivery delays of less than 30 (thirty) days do not entitle the customer to reject the delivery of the products nor to claim any compensation or reimbursement.

3.3 MGT INDUSTRIES S.R.L. has the right to supply the products in multiple subsequent deliveries (even if related to a same order) charging the customer for the shipping costs only once. Exception is made for those orders concerning "special" products by definition not available on stock.

3.4 Particular delivery terms and conditions must be previously agreed by the customer and MGT INDUSTRIES S.R.L. and accepted in writing by MGT INDUSTRIES S.R.L.

## CONDIZIONI GENERALI DI VENDITA

### 4. Resi su fornitura

4.1 Tutti i resi dovranno essere autorizzati dal Servizio Clienti MGT INDUSTRIES S.R.L. NON si accettano resi se non autorizzati e comunque non oltre 8 giorni dal ricevimento della merce. Le spese per la restituzione della merce, qualunque sia il motivo, sono a carico del cliente. Eventuali resi devono essere rispediti a MGT INDUSTRIES S.R.L. presso la propria sede, perfettamente integri negli imballi originali con allegato relativo DDT ed in porto franco. È sin d'ora convenuto che, qualora fosse accertata la responsabilità della MGT INDUSTRIES S.R.L. nei confronti del Cliente (per materiale difettoso e/o differente da quello ordinato), la stessa non potrà essere quantificata in misura superiore al prezzo dei prodotti acquistati e per i quali sia sorta contestazione, escludendo comunque ulteriori risarcimenti e/o indennizzi per qualsivoglia titolo e/o ragione. Non verranno accettati pacchi in contrassegno o porto assegnato con corrieri non convenzionati.

4.2 Una volta ricevuti i Prodotti e verificata la loro integrità MGT INDUSTRIES S.R.L. provvederà, entro 30 giorni dal ricevimento della comunicazione del recesso, ad accreditare al Cliente il costo dei prodotti restituiti, trattenendo, ove necessario, l'importo delle spese di spedizione che resteranno definitivamente a carico del cliente. L'importo della nota di accredito emessa verrà saldato con bonifico o compensato con le partite contabili aperte.

### 5. Fatture

Eventuali reclami o contestazioni su fatture saranno accettati a condizione che pervengano alla sede MGT INDUSTRIES S.R.L. a mezzo lettera o e-mail entro otto giorni dalla data di ricezione della fattura stessa. Verranno addebitate al costo le spese per l'emissione delle RI.BA.

### 6. Reclami

Per eventuali reclami i clienti possono scrivere all'indirizzo ordini@gfsdesign.it oppure chiamare lo 0445-576788 dal lunedì al venerdì negli orari d'ufficio.

### 7. Foro competente

Qualunque controversia comunque connessa alle presenti condizioni generali è di esclusiva competenza del Foro di Vicenza. I contratti di vendita stipulati con MGT INDUSTRIES S.R.L. sono considerati conclusi in Italia e come tali soggetti alla legge del diritto italiano. I rapporti fra MGT INDUSTRIES S.R.L. ed i committenti, sono regolati esclusivamente dalle seguenti condizioni generali di contratto che superano ed annullano qualsiasi altro accordo precedentemente concluso. Ogni qualsiasi pattuizione in contrasto con quanto sopra predisposto sarà valida solo se formulata per iscritto e specificatamente sottoscritta da entrambe le parti.

### AVVERTENZE

MGT INDUSTRIES S.R.L. declina ogni responsabilità sull'uso improprio ed illecito dei prodotti forniti.

È vietata la riproduzione anche parziale degli stessi.

## SALES CONDITIONS

### 4. Returned goods

4.1. All returns are subject to authorization by MGT INDUSTRIES S.R.L. Customer Service. Non-authorized returns will not be accepted. In any case, the goods cannot be returned later than 8 days from receipt. Regardless of the reason for the return, the shipping costs for the return of the goods are borne by the customer. Any return must be sent back to MGT INDUSTRIES S.R.L. premises. Returned products must be perfectly intact in their original packing, attached with the concerning transport document and carriage paid. If MGT INDUSTRIES S.R.L. is deemed responsible towards the customer (for defective material and/or differences from the order), the due refund cannot be higher than the price of the purchased products for which a complaint has been risen. Further compensations and/or reimbursements on any grounds and/or for any reason are excluded. Cash on delivery shipments or Ex Works shipments with non-conventioned couriers will not be accepted.

4.2 After having received the products and verified their integrity, MGT INDUSTRIES S.R.L. will proceed to credit the customer with the cost of the returned products within 30 days from receipt of the communication of withdrawal. Where necessary, the shipping costs expenses will be withheld and definitively born by the customer. The amount of the issued credit note will be paid by bank transfer or compensated with other opened accounting positions.

### 5. Invoices

Any complaints or claims on invoices will be accepted provided that they are sent by letter or e-mail and received by MGT INDUSTRIES S.R.L. within 8 days from the date of receipt of the invoice itself. The customer will be charged with the cost for the issuing of the bank receipt.

### 6. Complaints

For any claim customers can write to ordini@gfsdesign.it or call +39 0445 576788 from Monday to Friday during office hours.

### 7. Competent court

Any dispute concerning the current general sales conditions falls exclusively within the competence of the Court of Vicenza. The sales agreements stipulated with MGT INDUSTRIES S.R.L. are regarded as concluded in Italy. As such, they are subject to the Italian law. The relationship between MGT INDUSTRIES S.R.L. and the customer are exclusively regulated by the current general contract conditions which supersede and annul any previously made agreement. Any agreement in conflict with what stated above will be regarded as valid only if formulated in writing and specifically undersigned by both parties.

### WARNINGS

MGT INDUSTRIES S.R.L. declines any responsibility on improper or illicit use of the supplied products. The products full or partial reproduction is prohibited.





GFS Design protagonista alle principali fiere di settore.

GFS Design: the protagonist of the main trade fairs of the sector.



## NOTE

This image shows a single sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.

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*A division of*  
MGT INDUSTRIES SRL  
VICENZA - ITALIA  
TELEFONO: +39.0445.576788  
EMAIL: INFO@GFSDESIGN.IT - WWW.GFSDESIGN.IT   



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