



DOOR CONTROL

Cerniere idrauliche e chiudiporta

Hydraulic hinges and floor springs
Bisagras hidráulicas y cierrapuertas

Doorcontrol_CA_03



I nostri chiudiporta e le cerniere idrauliche sono completamente progettati e prodotti in Italia, utilizzando materiali e componenti di altissima qualità.

Pensati per essere utilizzati in qualsiasi installazione, i nostri chiudiporta idraulici si confermano i più affidabili del mercato.

Speedy, il marchio che abbiamo dedicato ai nostri chiudiporta a pavimento e aerei, è sinonimo di chiudiporta dal 1942.

Commercializziamo le cerniere idrauliche con il marchio Casma, che da anni contraddistingue i nostri accessori per porte in vetro.

I nostri sistemi idraulici sono protetti da brevetti internazionali e rappresentano a pieno la nostra propensione naturale all'innovazione.

Our floorspring and hydraulic hinges are exclusively designed and manufactured in Italy, using the highest quality of materials and components.

Speedy, the trademark that we dedicated to our floor springs, has been synonymous with door closers since 1942. Speedy are the most reliable floor springs on the market and can meet any installation requirement.

We market our hydraulic hinges with the trademark Casma, the brand that distinguishes the range of glass door patch fittings.

Our hydraulic systems are all patented and fully represent our propensity for innovation.

Nuestros cierrapuertas y bisagras hidráulicas se desarrollan y fabrican exclusivamente en Italia, con materiales y componentes de alta calidad.

Speedy, nuestra marca dedicada a los cierrapuertas, es sinónimo de cierrapuertas desde 1942. Comercializamos las bisagras hidráulicas con la marca Casma, que distingue nuestros accesorios para puertas de vidrio templado.

Todos nuestros sistemas hidráulicos están protegidos por patentes internacionales y representan propensión hacia la innovación.

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Frenum

4FRXN
4FRA0
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Latus

4LC1S-4LCDS
4LL1S-4LLDS
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4LA1S-4LADS
Specifiche di carico
4LC1G-4LGDS

Latus80

4L81S-4L8DS
4L81U-4L8DU

Latus60

4CLXA
4CLXB
4CVXS

M25

M60

KS3000

M68

M68Z

SM68

M77

Teste di perno

Spindle heads
Pernios
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Finishes | Acabados

Alluminio | Aluminum | Aluminio

	610 Grezzo Non anodized Sin anodizar		611 Anodizzato naturale Silver anodized Anodizado natural		613 Anodizzato champagne Champagne anodized Anodizado champagne
	614 Anodizzato bronzo chiaro Light bronze anodized Anodizado bronce medio		620 Anodizzato nero Black anodized Anodizado negro		680 Simil inox Imitation stainless steel Similar acero inoxidable
	630 Nickel spazzolato Brushed nickel Níquel cepillado		665 Cromato lucido Polished chrome Cromado brillo		666 Cromato opaco Matt chrome Cromado opaco

Ottone | Brass

	710 Satinato Satin Satinado		711 Satinato protetto Satin Satinado protegido		712 Lucido Polished Brillante
	713 Lucido protetto Polished Brillante protegido		715 Cromato lucido Polished chrome Cromado brillo		716 Cromato opaco Matt chrome Cromado opaco

Acciaio inox | Stainless steel

	800 Spazzolato Brushed steel Acero cepillado		810 Satinato Satin Satinado		812 Lucido Polished Brillante
	868 Cromato lucido Polished chrome Cromado brillo		869 Cromato opaco Matt chrome Cromado opaco		

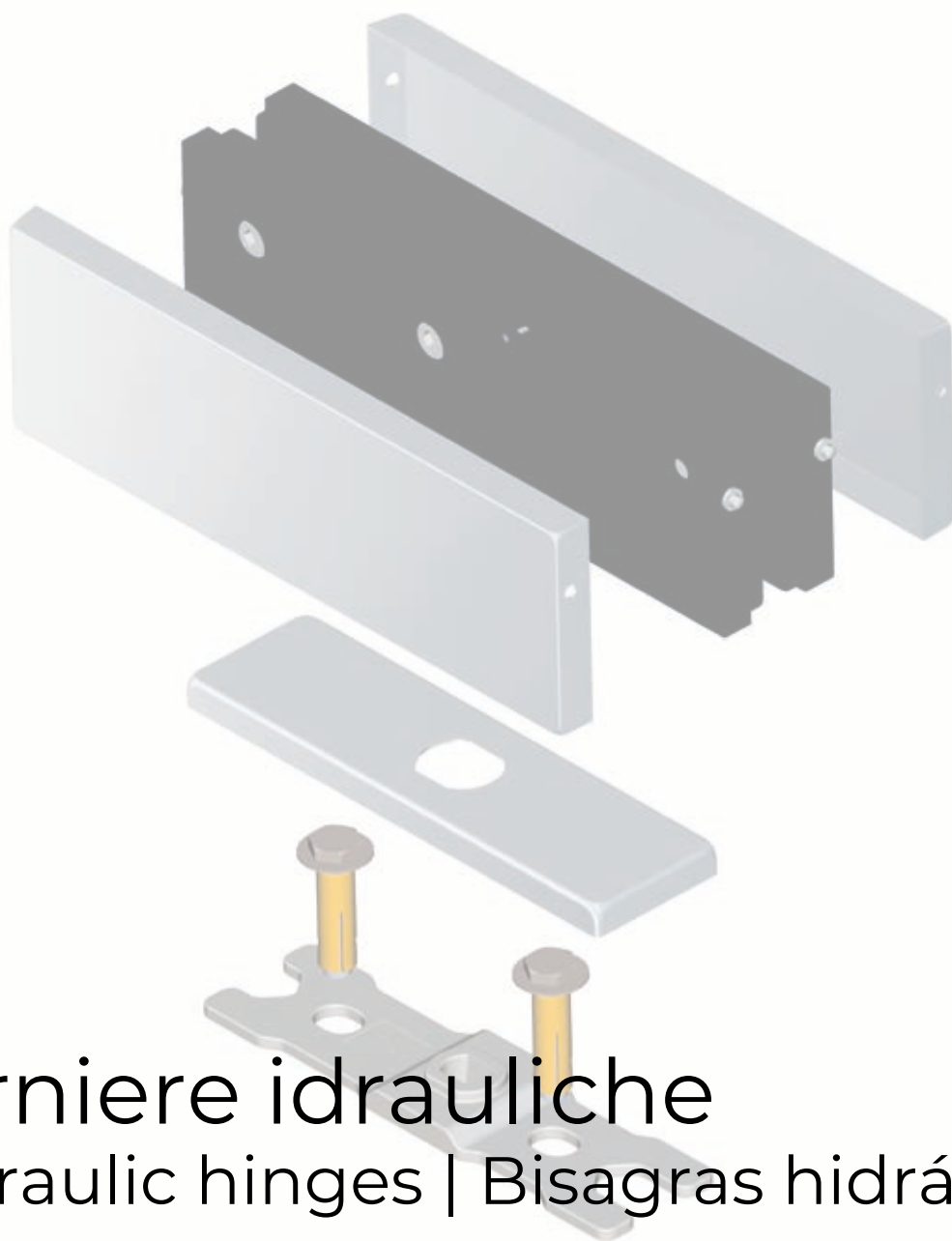
Su richiesta | Upon request | Bajo pedido



Scopri la nostra gamma di colori disponibili su richiesta
Discover our range of colors available upon request
Descubre nuestra gama de colores disponible a pedido

Legenda | Legend | Leyenda

	Opzionale Dettagli tecnici che influiscono sulla funzionalità Optional Technical details that affect the functionality Opcional Indicaciones técnicas que afectan el funcionamiento		Cerniera automatica Automatic hinge Bisagra automática
	Larghezza anta Max. door width Max. ancho de la puerta		Indicato per docce Suitable for showers Indicado para duchas
	Spessore vetro Glass thickness Espesor del vidrio		Testato a 500.000 cicli secondo EN 1154 Forza 1 Tested at 500.000 cycles EN 1154 Force 1 Testado a 500.000 ciclos como EN 1154 Fuerza 1
	Portata Weight Peso		Testato a 500.000 cicli secondo EN 1154 Forza 2 Tested at 500.000 cycles EN 1154 Force 2 Testado a 500.000 ciclos como EN 1154 Fuerza 2
	Dimensioni della cassetta Cement case dimensions Dimensiones de la caja a cementar		Indicato per docce, saune e bagno turco Suitable for showers and saunas Indicado para duchas y saunas
	Peso della confezione Packaging weight Peso de la confección		Temperatura tollerabile Temperature Temperatura
	Cerniera idraulica Hydraulic hinge Bisagra hidráulica		
	Cernieralibera Dummy hinge Bisagra libre		



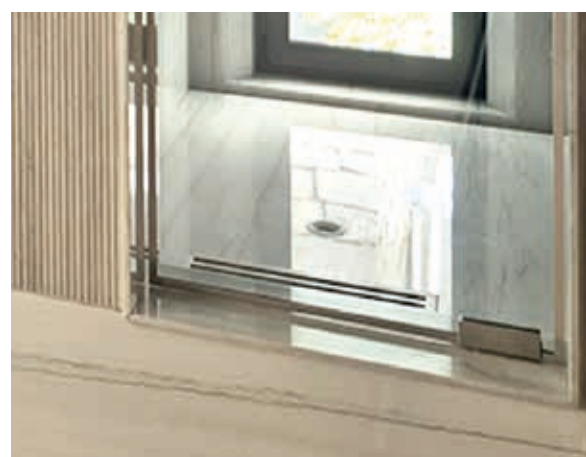
Cerniere idrauliche
Hydraulic hinges | Bisagras hidráulicas



#Frenum











Larghezza max dell'anta
Max door width
Ancho de la puerta
1000 mm
39-3/8"



Spessore vetro
Glass thickness
Espesor del vidrio
8 ÷ 14 mm
5/16 ÷ 9/16"



Peso max
Door weight
Peso máximo
100 kg
220 Lbs



Testata
Tested
Testado
500.000 cicli -
cycle - ciclos

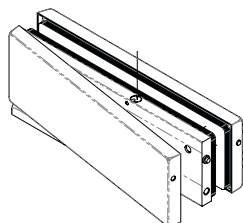
KIT

4FRXK

KIT Cerniera idraulica
KIT Hydraulic hinge
KIT Bisagra hidráulica

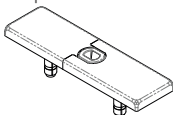
4FRXN

Cerniera idraulica
Hydraulic hinge
Bisagra hidráulica



4FR9N

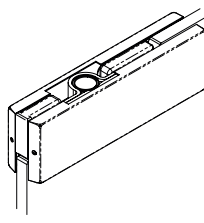
Piastrina a pavimento
Plate
Plaqueta



! Inclusa con 4FRXN e 4FWXN
Included with 4FRXN and 4FWXN
Incluido con 4FRXN y 4FWXN

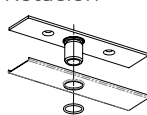
42800

Cerniera libera
Dummy hinge
Bisagra libre



10180

Perno di rotazione
Pivot
Rotación



10180

Perno di rotazione
Pivot
Rotación

42800

Cerniera libera
Dummy hinge
Bisagra libre



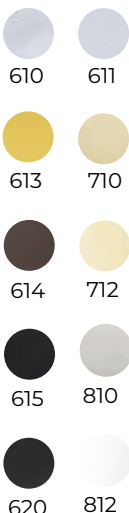
4FRXN

Cerniera idraulica
chiudiporta
Hydraulic hinge
Bisagra hidráulica

4FR9N

Piastrina a pavimento
Plate
Plaqueta

Finiture Finishing Acabados



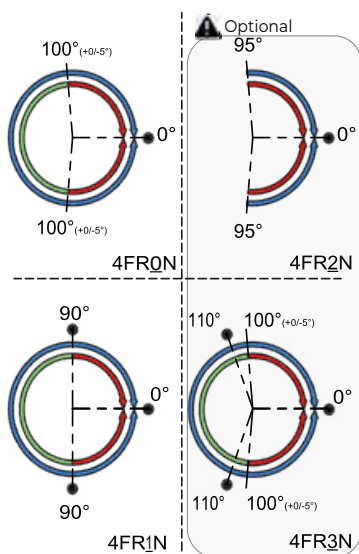
Cod. 4FRXN

Applicazione per vetro in angolo
Corner glass application
Aplicación en esquina por vidrio

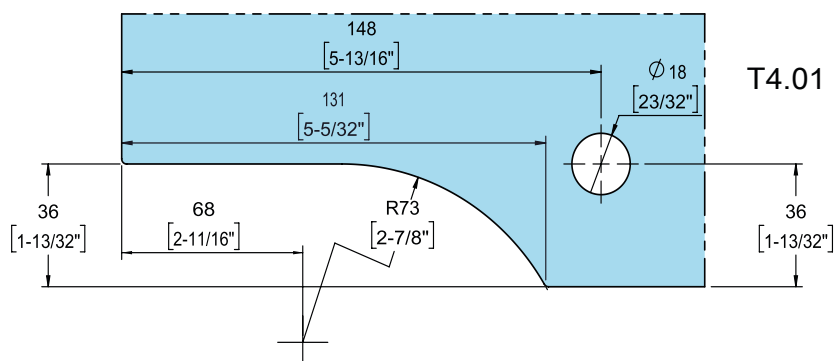
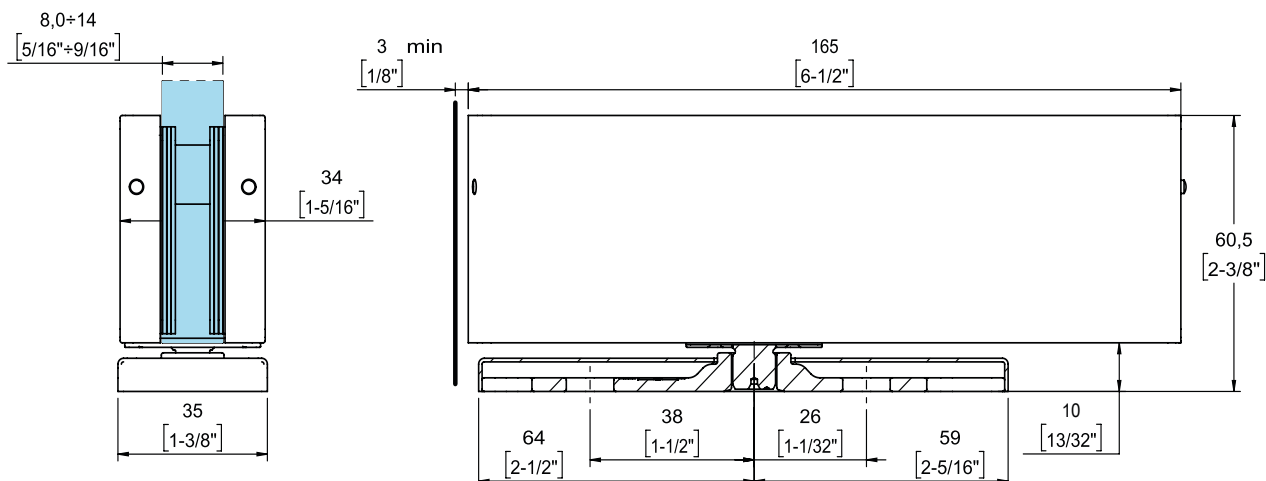
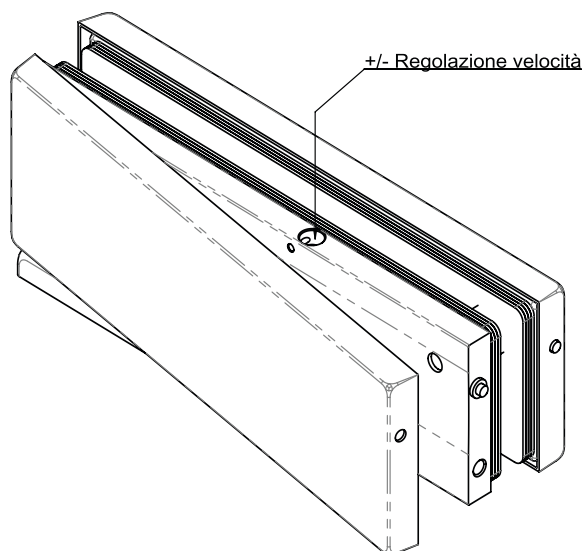
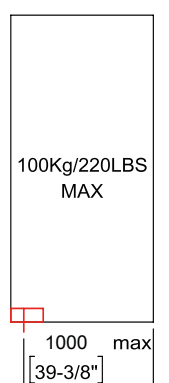
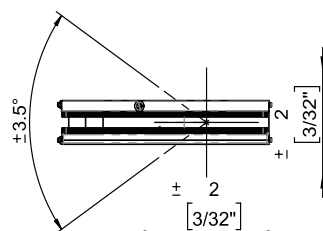


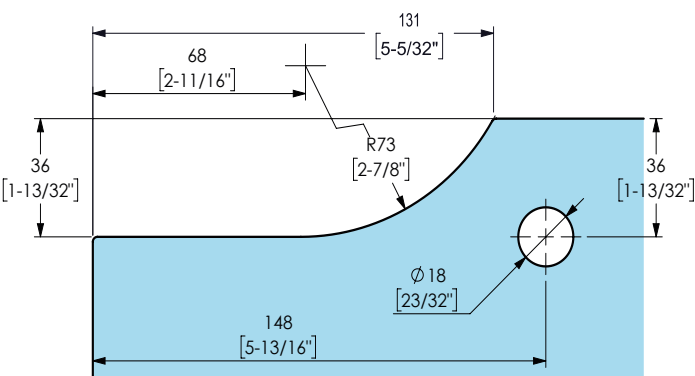
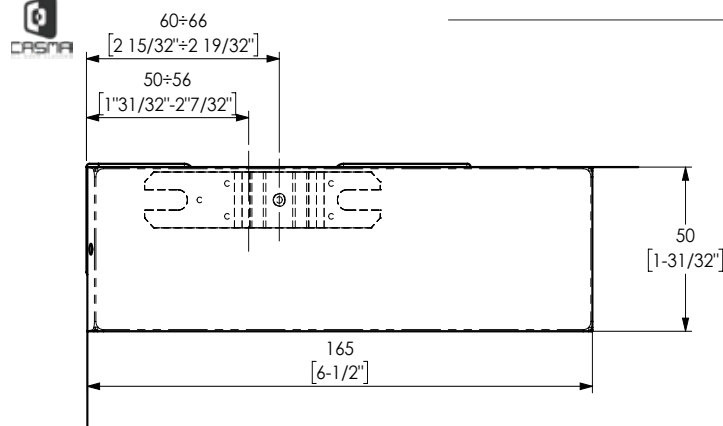
Possibile posizione della porta
Possible door position
Posible posición de la puerta

Chiusura controllata
Self-closing
Cierre controlado
Posizione libera
Free standing
Posición libre
Stop



Range di regolazione della posizione
Position adjustment range
Rango de regulación de la posición





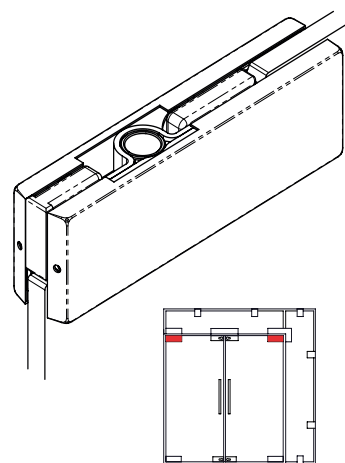
T4.01



Cerniera
Hinge
Bisagra

42800

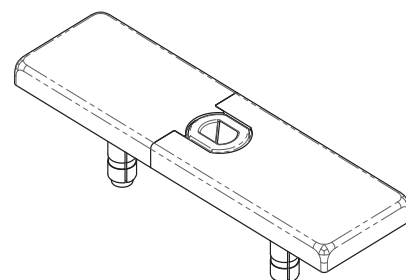
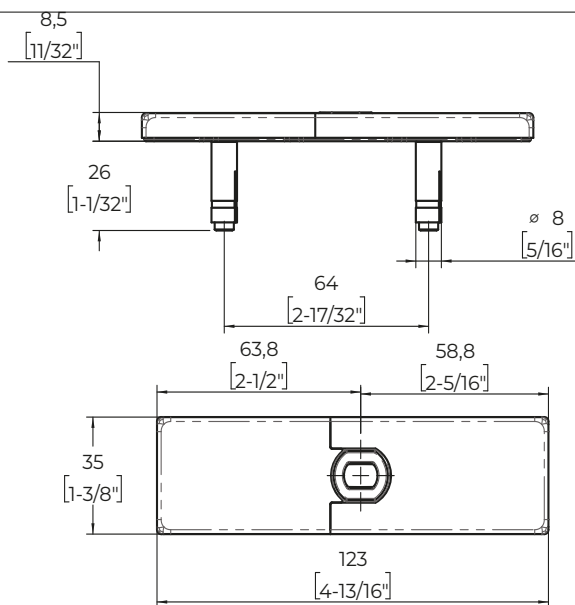
Applicazione per vetro in angolo
Corner glass application
Aplicación en esquina por vidrio



! Inclusa nel kit 4FRXK
Included with the KIT 4FRXK
Incluido con el KIT 4FRXK

Piastrina a pavimento
Plate
Plaqueta

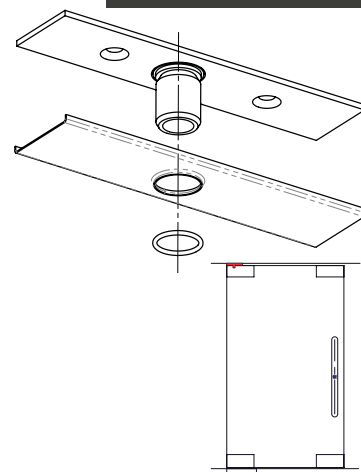
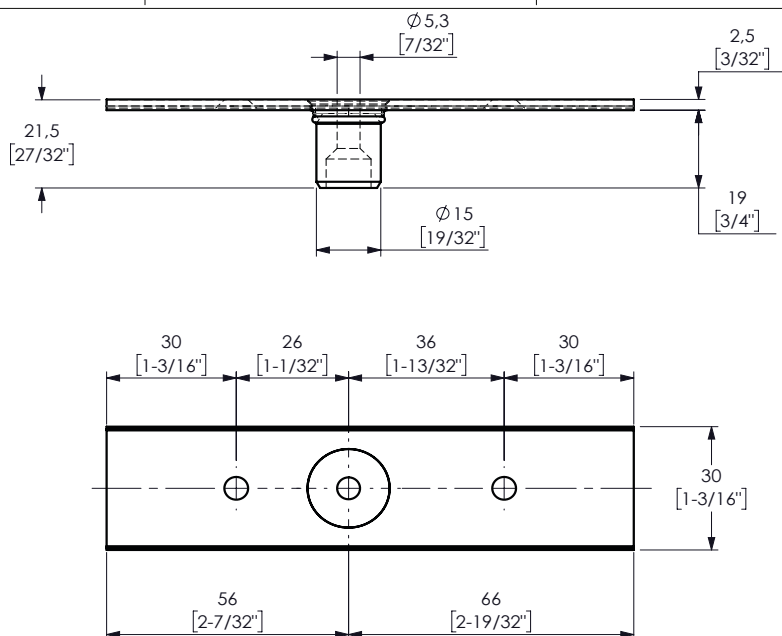
4FR9N



! Inclusa con 4FRXN e 4FWXN
Included with 4FRXN and 4FWXN
Incluido con 4FRXN y 4FWXN

Perno di rotazione
Pivot
Rotación

10180

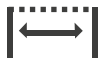


! Inclusa nel kit 4FRXK
Included with the KIT 4FRXK
Incluido con el KIT 4FRXK



Cod. 4FRA0

Applicazione per vetro in angolo
Corner glass application
Aplicación en esquina por vidrio



Larghezza max dell'anta
Max door width
Ancho de la puerta
1000 mm
39-3/8"



Spessore vetro
Glass thickness
Espesor del vidrio
8 ÷ 14 mm



Peso max
Door weight
Peso máximo
100 kg
220 Lbs



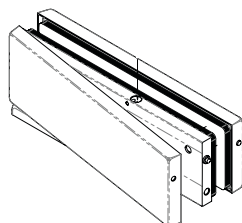
Testata
Tested
Testado
500.000 cicli -
cycle - ciclos

KIT

KIT Cerniera automatica
KIT automatic hinge
KIT Bisagra automática

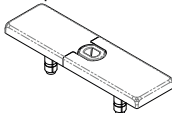
4FRA0

Cerniera automatica
Automatic hinge
Bisagra automática



4FR9N

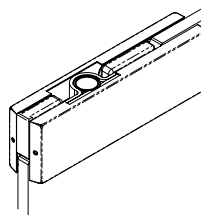
Piastrina a pavimento
Plate
Plaqueta



Inclusa con 4FRXN e 4FWXN
Included with 4FRXN and 4FWXN
Incluido con 4FRXN y 4FWXN

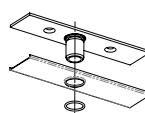
42800

Cerniera libera
Dummy hinge
Bisagra libre



10180

Perno di rotazione
Pivot
Rotación



10180
Perno di rotazione
Pivot
Rotación

42800
Cerniera libera
Dummy hinge
Bisagra libre



4FRA0
Cerniera automatica
Automatic hinge
Bisagra automática

4FR9N
Piastrina a pavimento
Plate
Plaqueta

Finiture Finishing Acabados

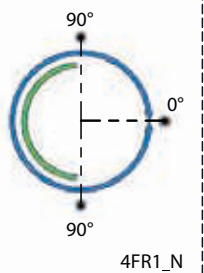
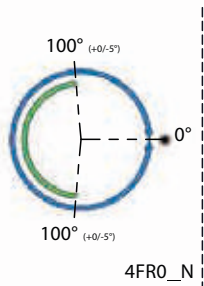
610	611
613	710
614	712
615	810
620	812



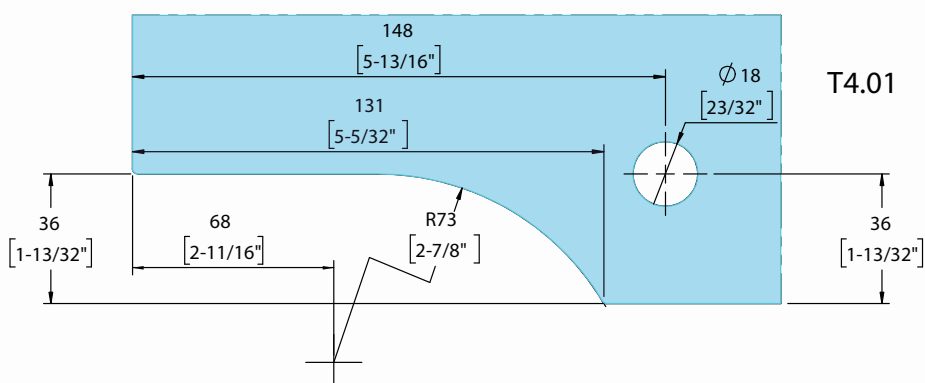
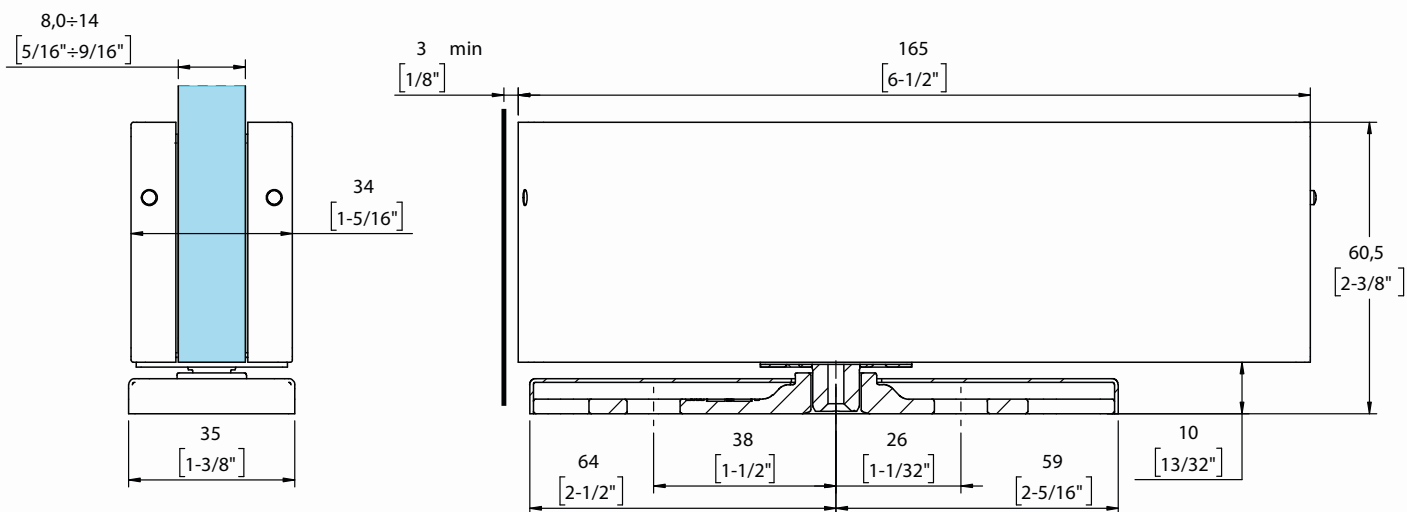
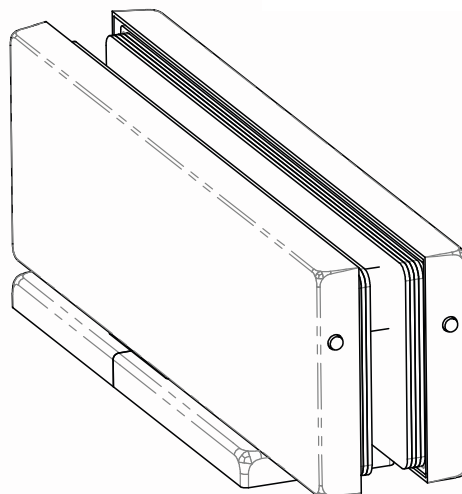
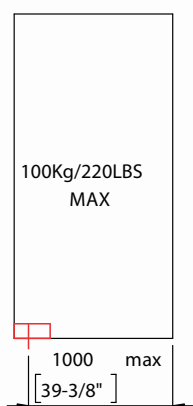
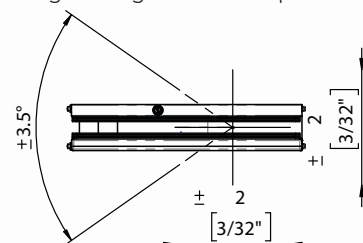
Possibile posizione della porta
Possible door position
Posible posición de la puerta

Posizione libera
Free standing
Posición libre

● stop



Range di regolazione della posizione
Position adjustment range
Rango de regulación de la posición



Cod. 4FWXN

Applicazione per vetro a bilico
Displaced glass application
Aplicación desplazada por vidrio



Larghezza max dell'anta
Max door width
Ancho de la puerta
1000 mm
39-3/8"



Spessore vetro
Glass thickness
Espesor del vidrio
8 ÷ 14 mm
5/16 ÷ 9/16"



Peso max
Door weight
Peso máximo
100 kg
220 Lbs



Testata
Tested
Testado
500.000 cicli -
cycle - ciclos

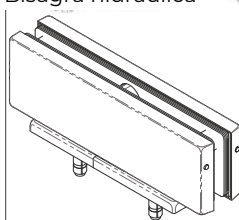
KIT

4FWXK

KIT Cerniera idraulica
KIT Hydraulic hinge
KIT Bisagra hidráulica

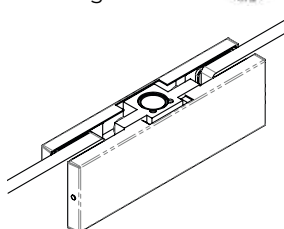
4FWXN

Cerniera idraulica
Hydraulic hinge
Bisagra hidráulica



42900

Cerniera libera
Dummy hinge
Bisagra libre



10190

Perno di rotazione
Pivot
Rotación

42900

Cerniera libera
Dummy hinge
Bisagra libre



4FWXN

Cerniera idraulica
chiudiporta
Hydraulic hinge
Bisagra hidráulica



4FR9N

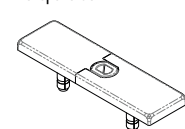
Cerniera idraulica
chiudiporta
Hydraulic hinge
Bisagra hidráulica



4FR9N
Piastrina a pavimento
Plate
Plaqueta

4FR9N

Piastrina a pavimento
Plate
Plaqueta



Inclusa con 4FRXN e 4FWXN
Included with 4FRXN and 4FWXN
Incluido con 4FRXN y 4FWXN

*Disponibile in finitura 810. Per altre finiture utilizzare art.10180.
Available in 810 finish. For different finishes use art.10180.
Disponibile en acabado 810. Para diferentes acabados utilizar art.10180.

Finiture Finishing Acabados





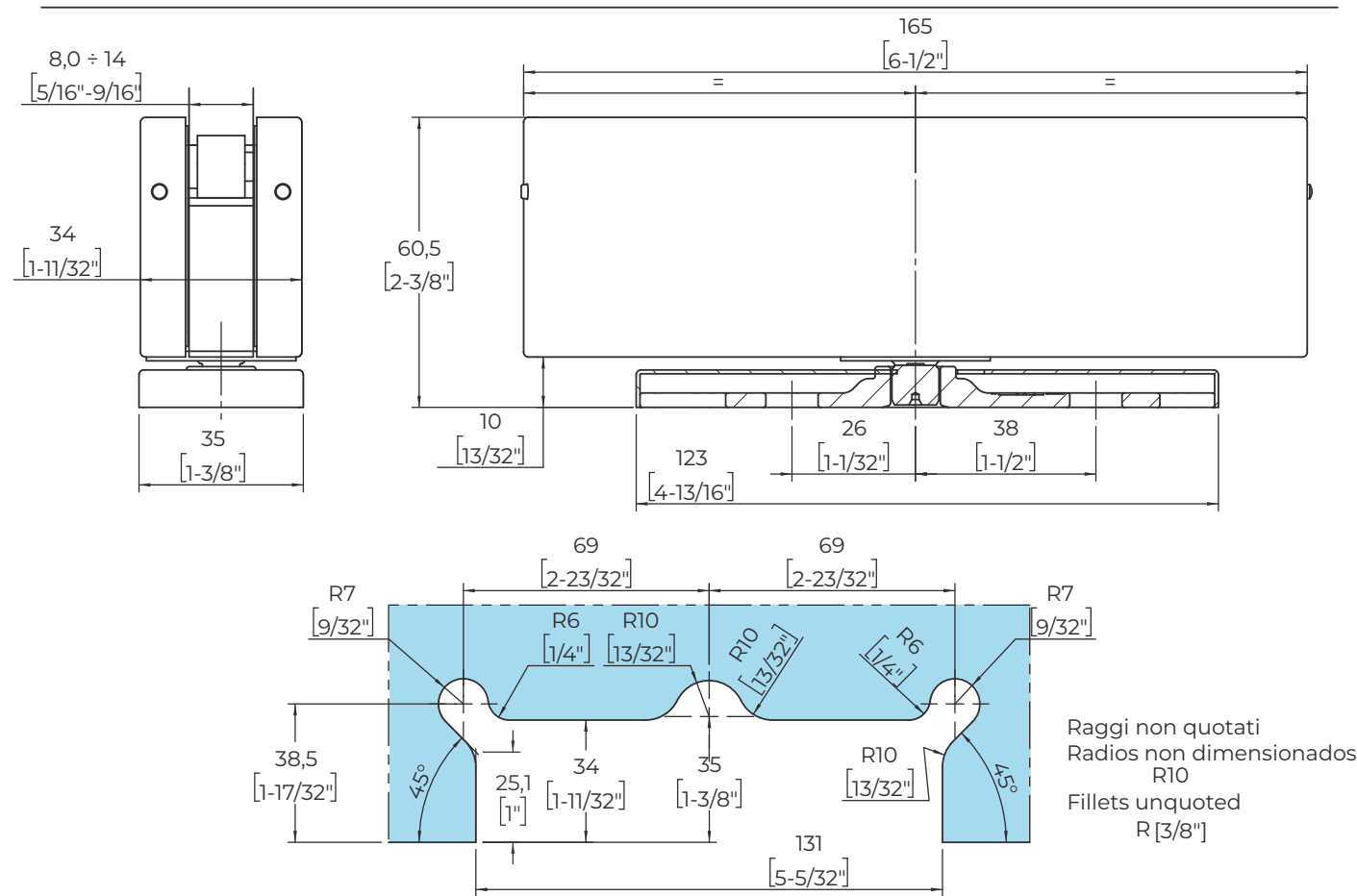
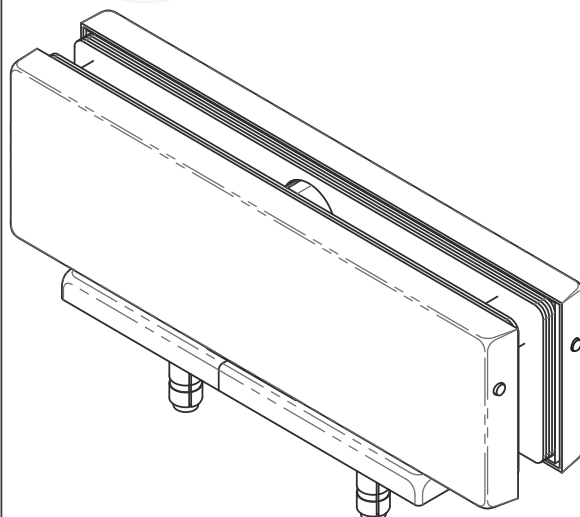
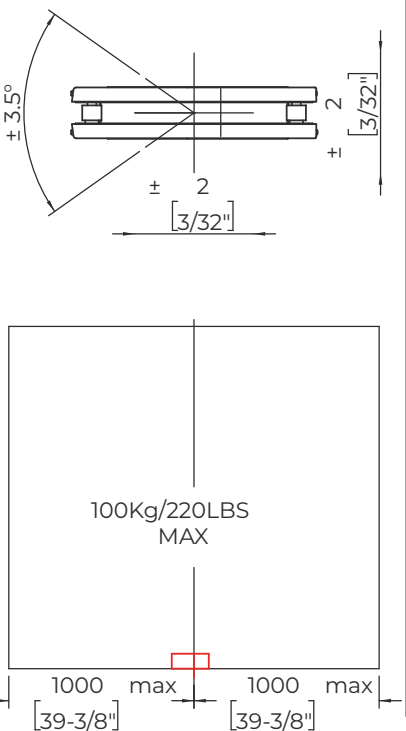
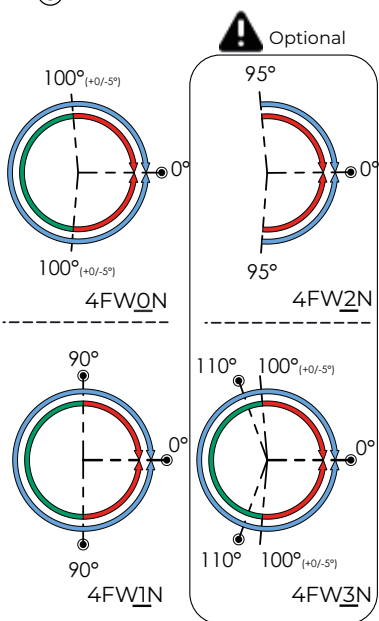
Possibile posizione della porta
Possible door position
Posible posición de la puerta

Chiusura controllata
Self-closing
Cierre controlado

Posizione libera
Free standing
Posición libre

Stop

Range di regolazione della posizione
Position adjustment range
Rango de regulación de la posición

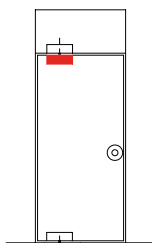
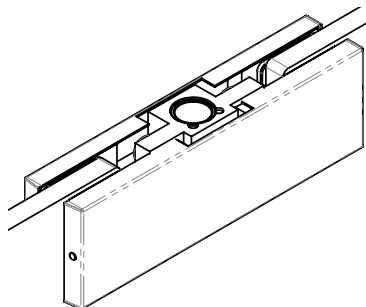


42900

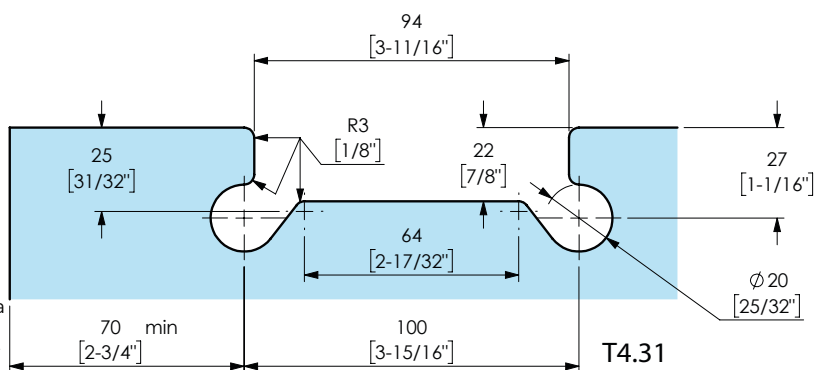
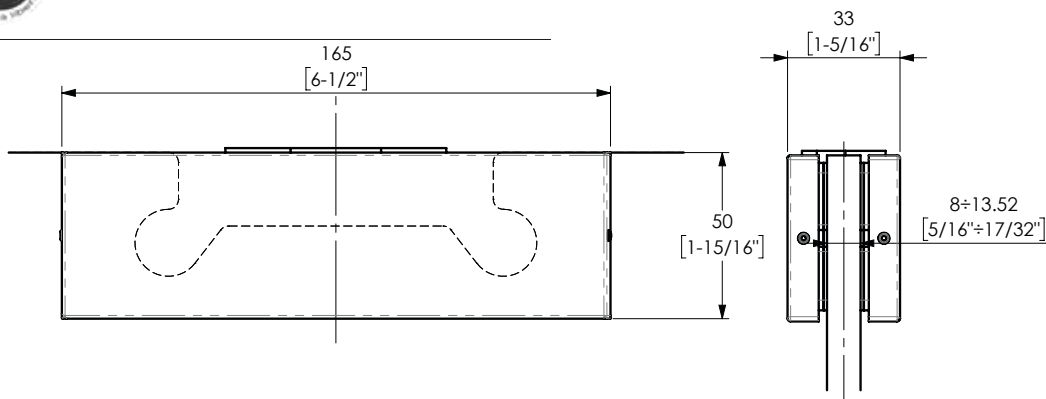
Cerniera
Hinge
Bisagra



Applicazione per vetro a bilico
Displaced glass application
Aplicación desplazada por vidrio

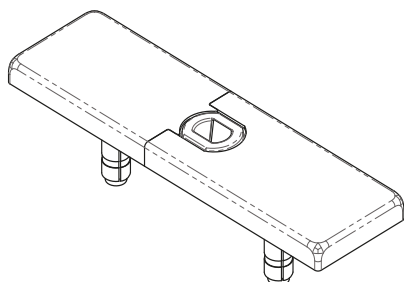


! Inclusa nel kit 4FWXK, non inclusa in 4FWXN
Included with the KIT 4FWXK, not included in 4FWXN
Incluido con el KIT 4FWXK, no incluido en 4FWXN

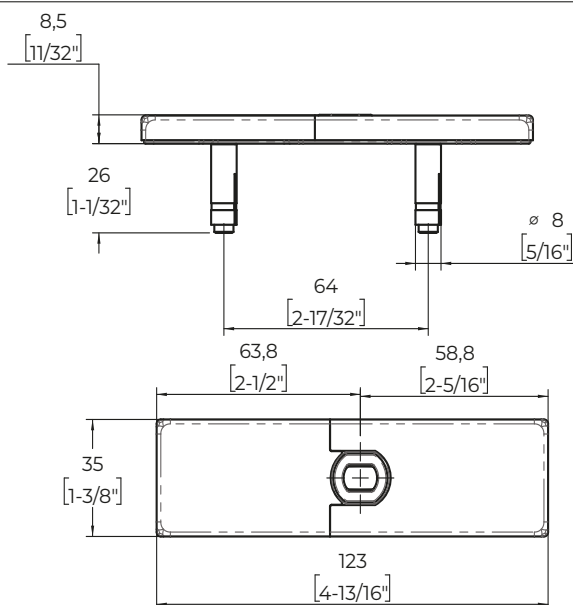


4FR9N

Piastrina a pavimento
Plate
Plaqueta



! Inclusa con 4FRXN e 4FWXN
Included with 4FRXN and 4FWXN
Incluido con 4FRXN y 4FWXN



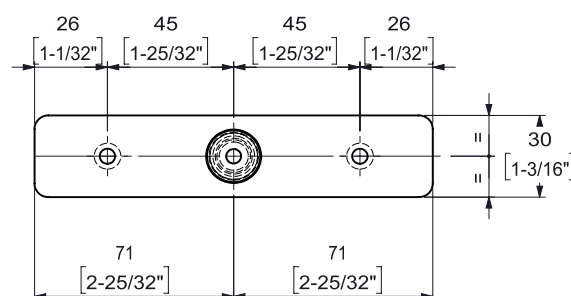
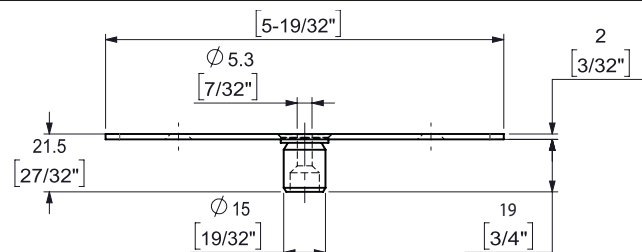
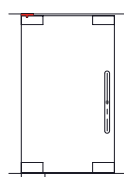
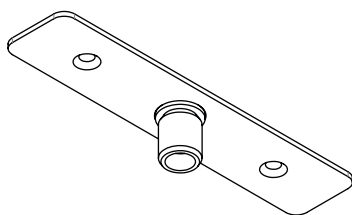
10190

Perno di rotazione
Pivot
Rotación

Finiture
Finishing
Acabados



810



! Inclusa nel kit 4FWXK, non inclusa in 42900
Included with the KIT 4FWXK, not included in 42900
Incluido con el KIT 4FWXK, no incluido en 42900
*Disponibile in finitura 810. Per altre finiture utilizzare 10180.
Available in 810 finishing. For different finishing use 10180.
Disponible en acabado 810. Para diferentes acabados utilizar 10180.

Applicazione per porte con profilo o per porte in legno
In profile or wooden door application
Aplicación en puerta con perfiles y en puertas de madera

4FXXN

Porte con profilo | Framed doors | Puertas con perfil

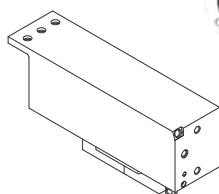


Larghezza max dell'anta
Max door width
Ancho de la puerta
1000 mm
39-3/8"

Kg
Peso max
Door weight
Peso máximo
100 kg
220 Lbs

TESTED
Testata
Tested
Testado
500.000 cicli -
cycle - ciclos

KIT

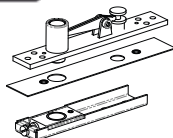


4FXXN

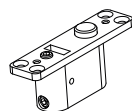
Cerniera idraulica per porte con
profilo in alluminio
Hydraulic hinge for framed doors
Bisagra hidráulica para puertas
con perfiles



A scelta | To be chosen | A elegir



32400



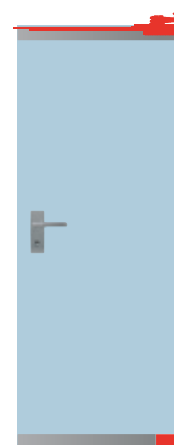
32500



32501



32502



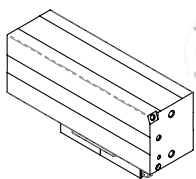
32400
32500
32501
32502

4FXXN

Finiture
Finishing
Acabados

- | | |
|-----|-----|
| 610 | 611 |
| 613 | 710 |
| 614 | 712 |
| 615 | 810 |
| 620 | 812 |

KIT

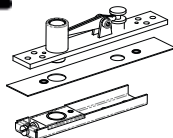


4FTXN

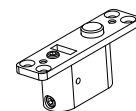
Cerniera idraulica per porte in
legno
Hydraulic hinge for wooden doors
Bisagra hidráulica para puertas
de madera



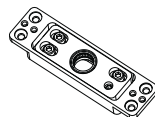
A scelta | To be chosen | A elegir



32400



32500



32501



32502



32400
32500
32501
32502

4FTXN

Cod. 4FXXN

Applicazione per porte con profili
In frame door application
Aplicación en puertas con perfiles

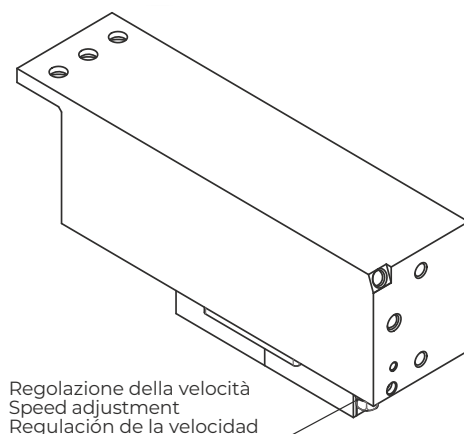
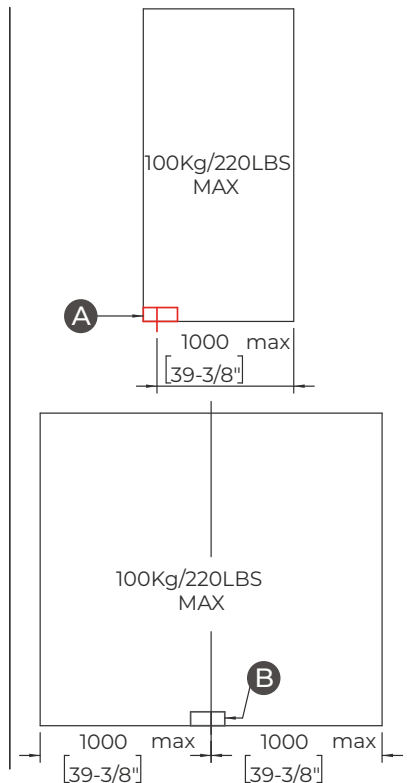
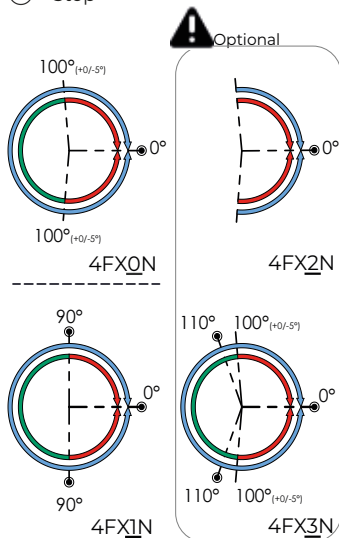


Possibile posizione della porta
Possible door position
Posible posición de la puerta

Chiusura controllata
Self-closing
Cierre controlado

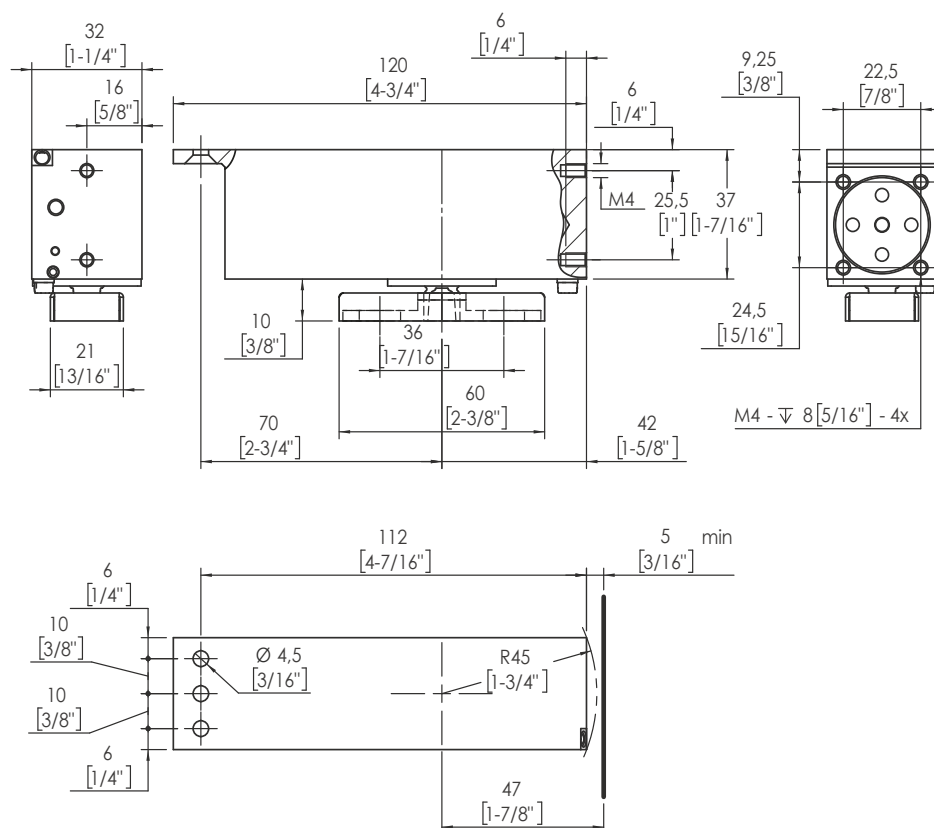
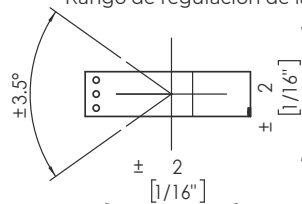
Posizione libera
Free standing
Posición libre

Stop



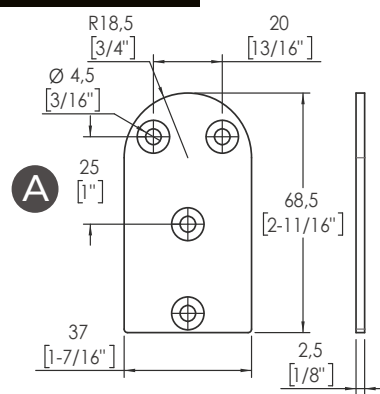
Regolazione della velocità
Speed adjustment
Regulación de la velocidad

Range di regolazione della posizione
Position adjustment range
Rango de regulación de la posición

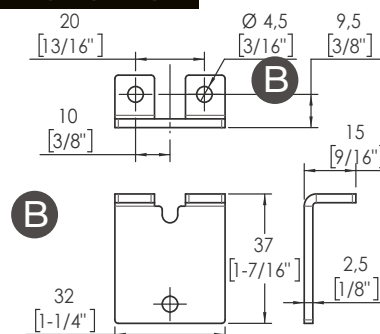


Staffa di fissaggio
Brackets type
Angulo de ensamblaje

ANGULAR



PIVOT OFF-SET



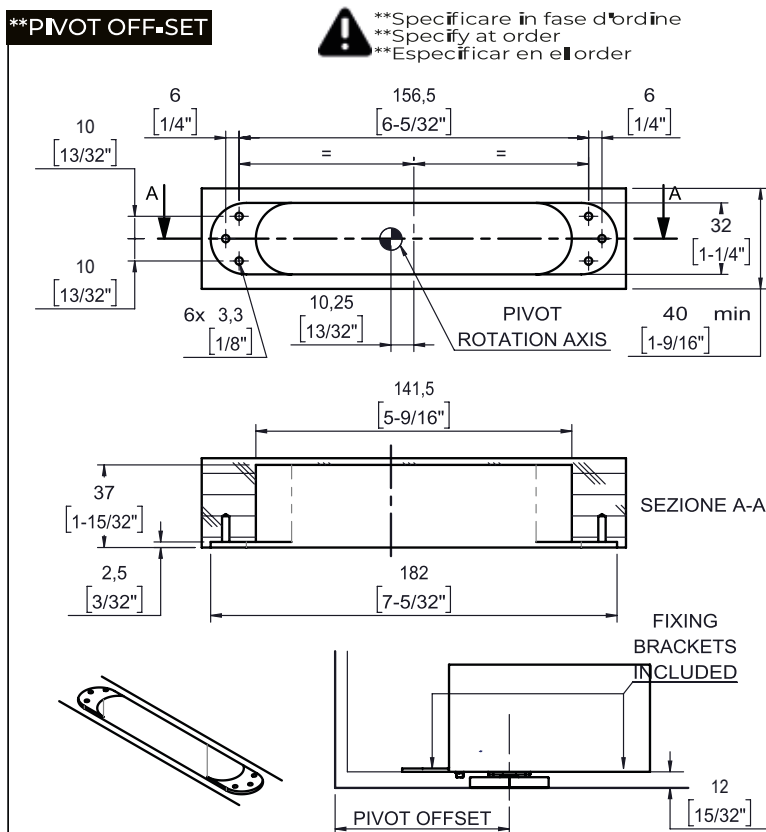
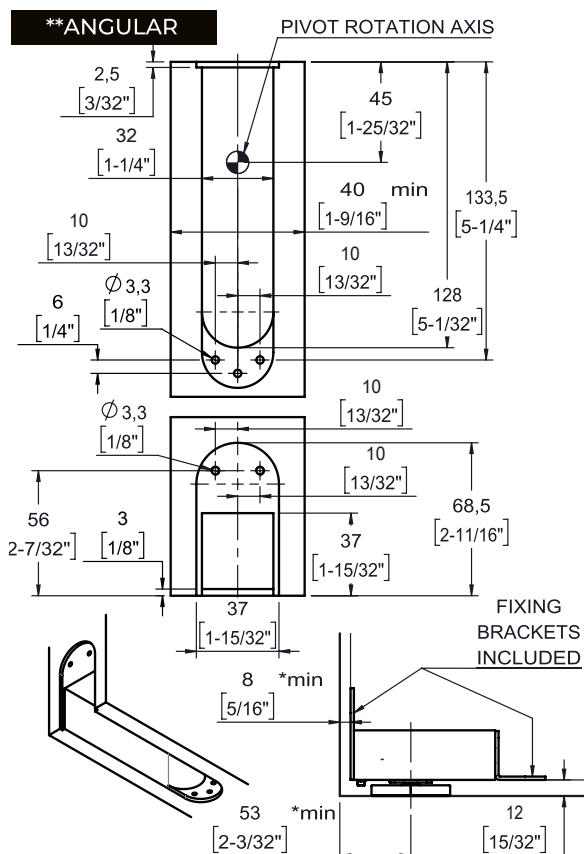
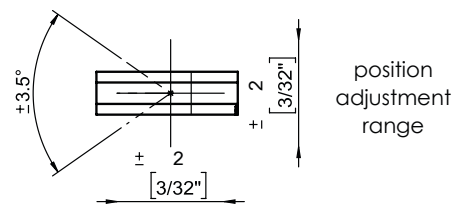
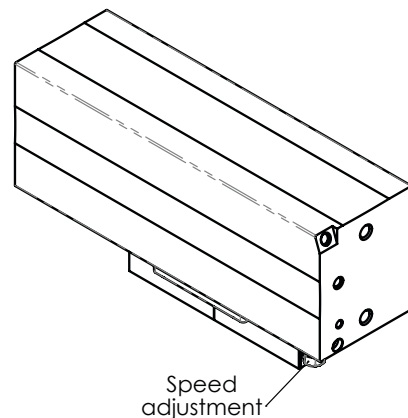
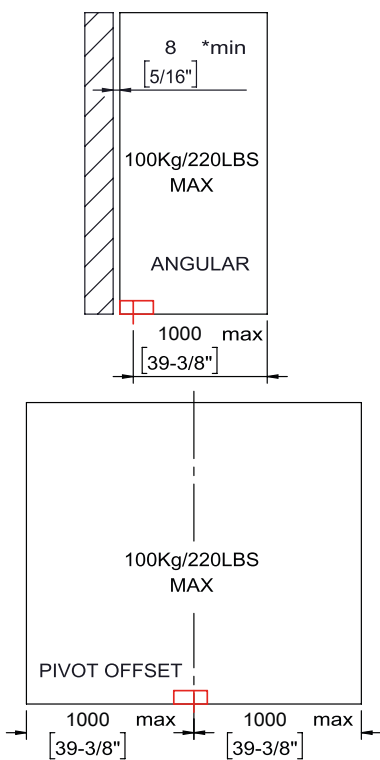
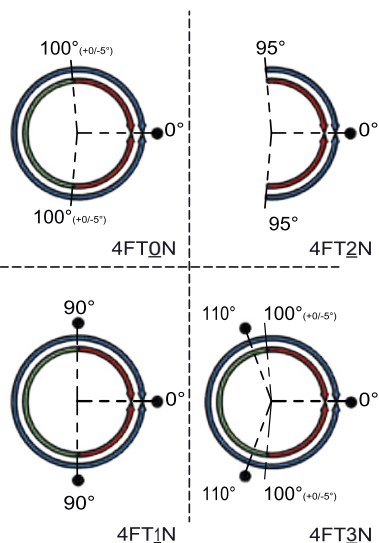
Personalizzabile a richiesta
Custom on demand
Personalizado bajo pedido

Specificare in fase d'ordine
Specify at order
Especificar en el order



Temp. range
+40°C
-15°C

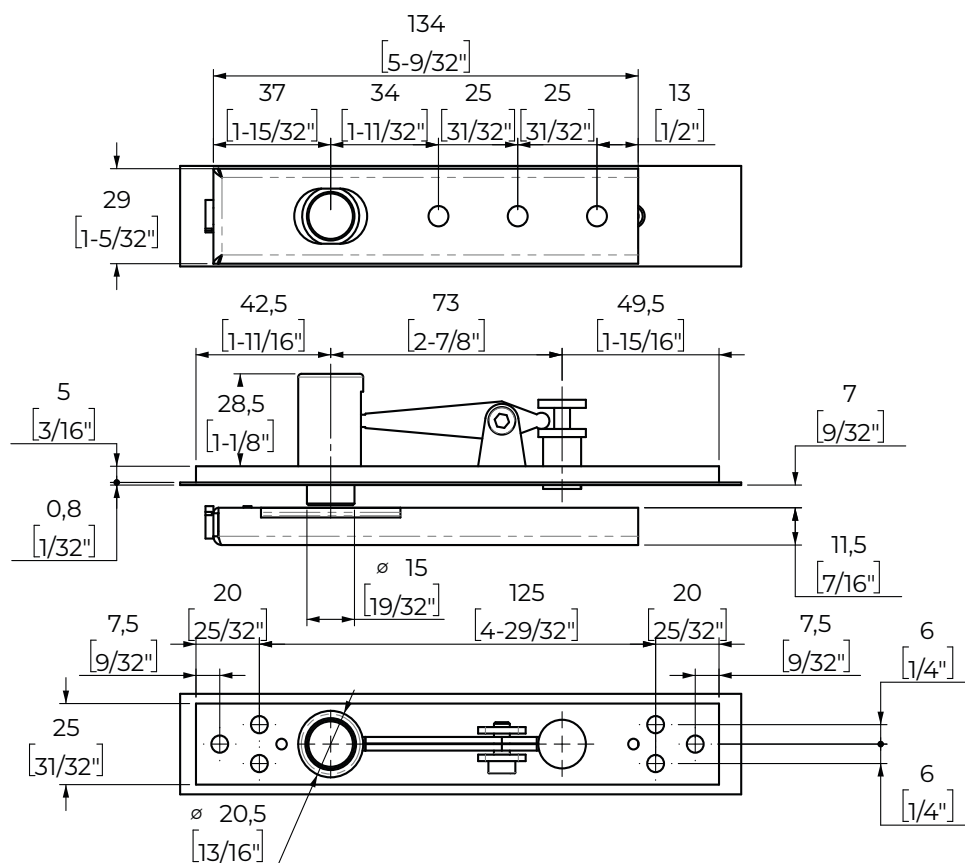
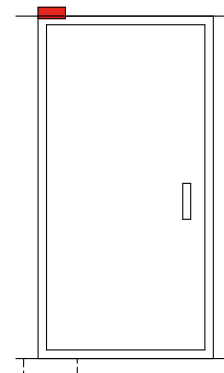
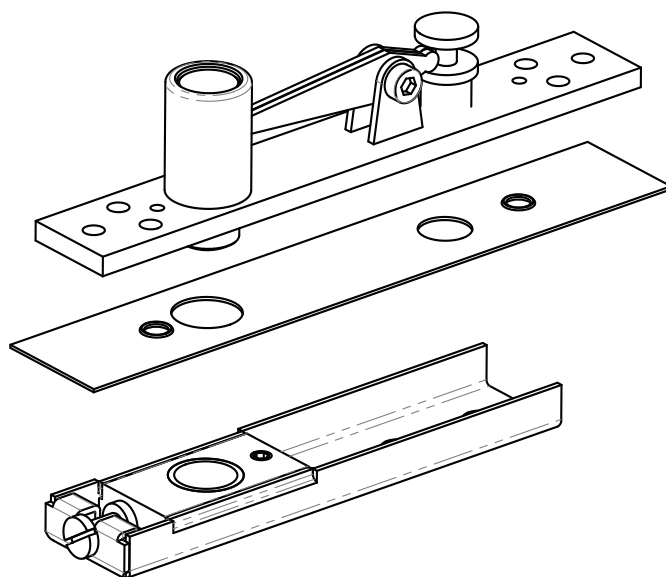
- possible door positions
- self-closing
- free standing
- stop



*For doors up to 50 mm [1" 31/32] wide.

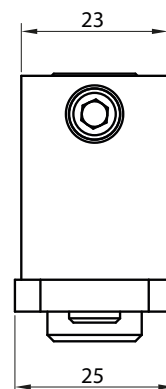
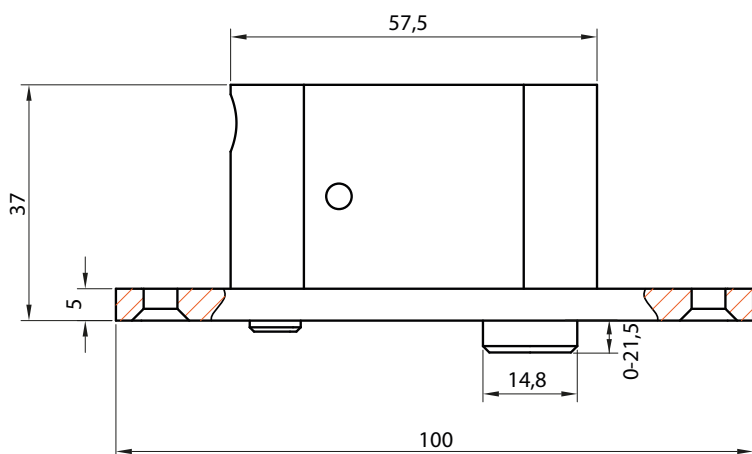
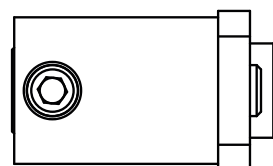
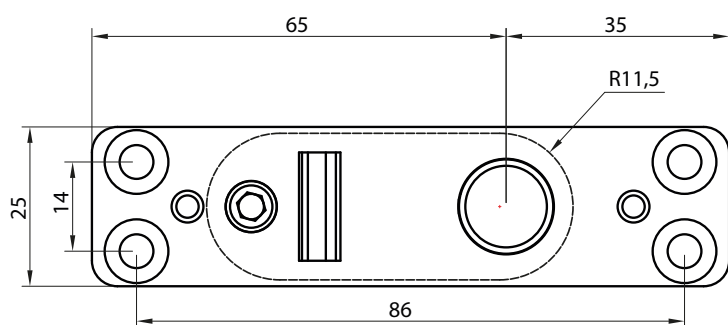
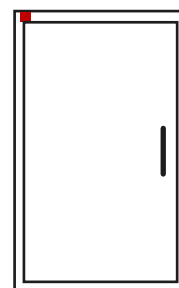
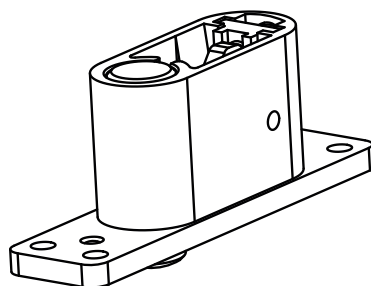
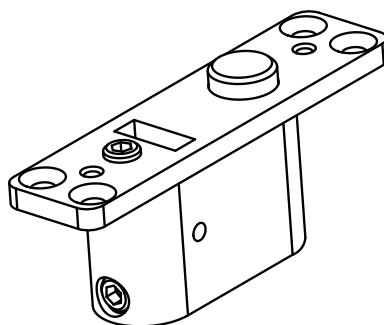
Applicazione in porte con profilo o per porte in legno
In profile or wooden door application
Aplicación en puertas con perfiles y para puertas de madera

! Opzionale | Optional | Opcional
Non incluso in 4FXXN e 4FTXN
Not included in 4FXXN and 4FTXN
No incluido en 4FXXN y 4FTXN



Applicazione in porte con profilo o per porte in legno
In profile or wooden door application
Aplicación en puertas con perfiles y para puertas de madera

! Opzionale | Optional | Opcional
Non incluso in 4FXXN e 4FTXN
Not included in 4FXXN and 4FTXN
No incluido en 4FXXN y 4FTXN

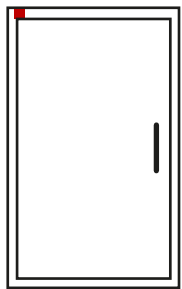
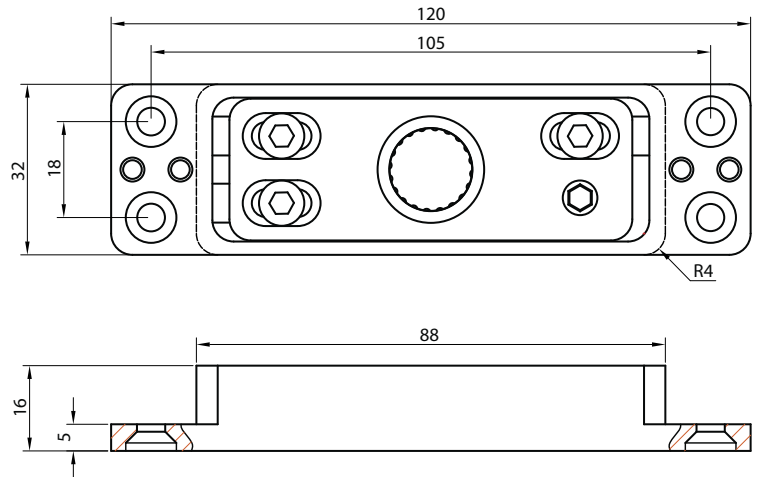
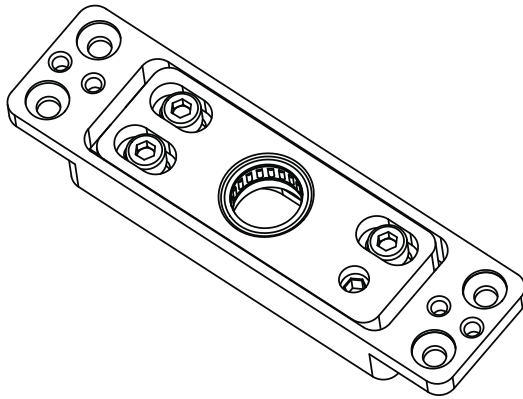


32501

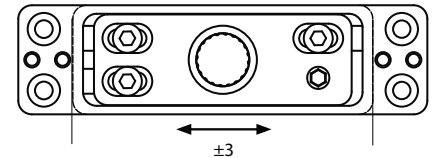
Perno di rotazione
Pivot
Rotación

Applicazione in porte con profilo o per porte in legno
In profile or wooden door application
Aplicación en puertas con perfiles y para puertas de madera

! Opzionale | Optional | Opcional
Non incluso in 4FXXN e 4FTXN
Not included in 4FXXN and 4FTXN
No incluido en 4FXXN y 4FTXN



i Range di regolazione della posizione
Position adjustment range
Rango de regulación de la posición

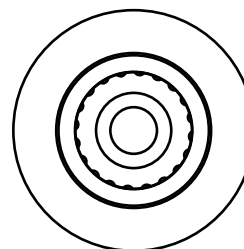
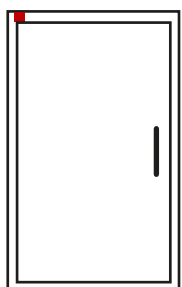
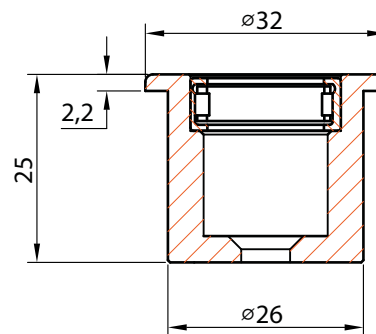


32502

Perno di rotazione
Pivot
Rotación

Applicazione in porte con profilo o per porte in legno
In profile or wooden door application
Aplicación en puertas con perfiles y para puertas de madera

! Opzionale | Optional | Opcional
Non incluso in 4FXXN e 4FTXN
Not included in 4FXXN and 4FTXN
No incluido en 4FXXN y 4FTXN





#Latus











Cod. 4LC1S-4LCDS

Applicazione vetro-muro con aletta centrale
Glass to wall application with central wing
Aplicación vidrio-pared con aleta central



Larghezza max dell'anta
Max door width
Ancho de la puerta

1000 mm
39-3/8"



Spessore vetro
Glass thickness
Espesor del vidrio

8 ÷ 14 mm
5/16 ÷ 9/16"



Peso max
Door weight
Peso máximo

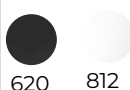
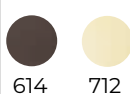
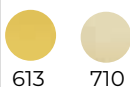
100 kg
220Lbs



Testata
Tested
Testado

500.000 cicli
cycle - ciclos

Finiture
Finishing
Acabados



4LC1S
Cerniera idraulica
Hydraulic hinge
Bisagra hidráulica



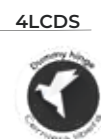
4LCDS
Cerniera libera
Dummy hinge
Bisagra libre



KIT



70 kg
154,32 Lbs



KIT

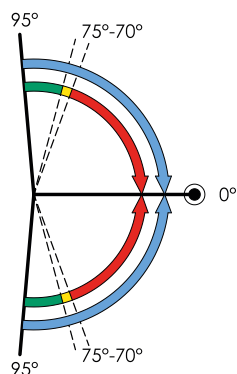


100 kg
220Lbs

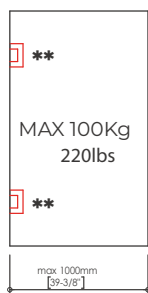




Applicazione vetro-muro con aletta centrale
Glass to wall application with central wing
Aplicación vidrio-pared con aleta central



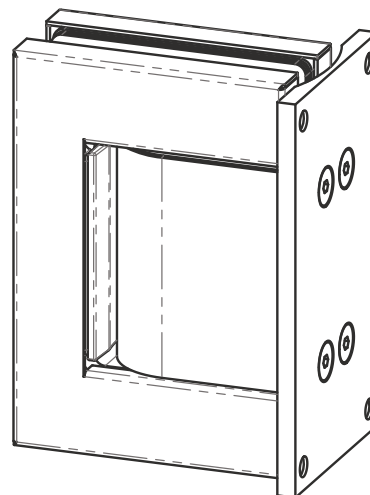
- Possibile posizione della porta
Possible door position
Posible posición de la puerta
- Chiusura controllata
Self-closing
Cierre controlado
- Avvio chiusura controllata
Start closing
Inicio cierre controlado
- Posizione libera
Free standing
Posición libre
- Stop



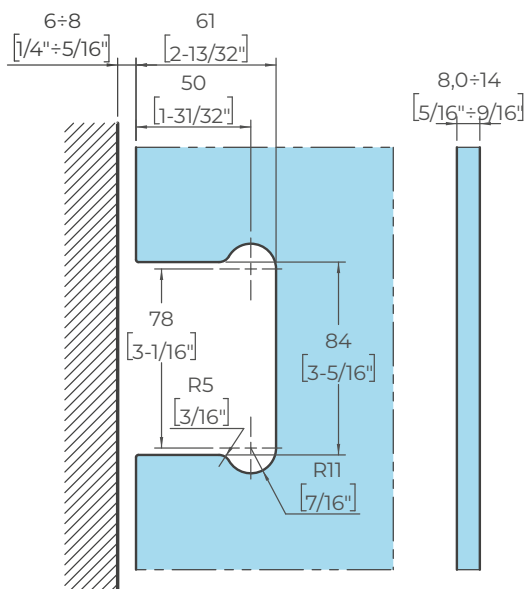
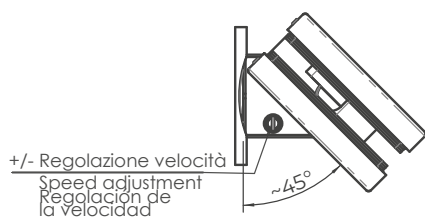
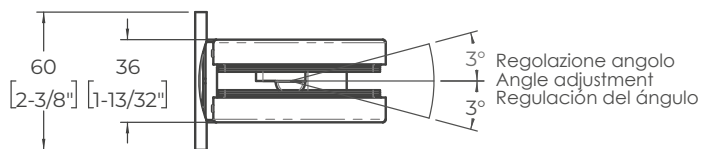
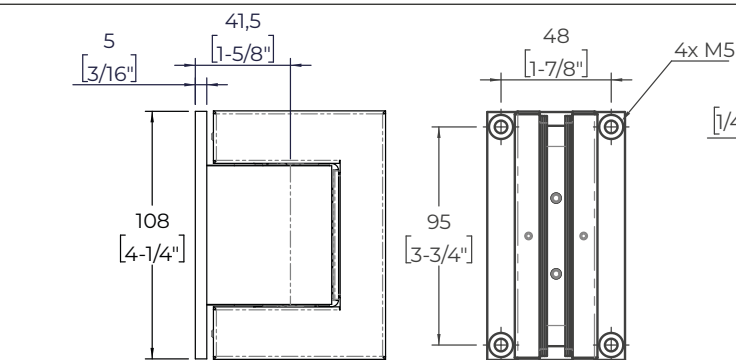
*** 4LCDS**
Cerniera libera
Dummy hinge
Bisagra libre



**** 4LC1S**
Cerniera idraulica
Hydraulic hinge
Bisagra hidráulica



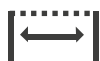
Aperture violente oltre i 90° potrebbero causare scardinamento.
È consigliato l'utilizzo di un ferma porta.
Violent opening further than 90° could unhinge the door.
We suggest to install a door stop.
Aberturas de la puerta más de 90° pueden causar desencajamiento.
Aconsejamos del utilizar tope de puerta.





Cod. 4LL1S-4LLDS

Applicazione vetro-muro con aletta decentrata
Glass to wall application with off-set wing
Aplicación vidrio-pared con aleta desplazada



Larghezza max dell'anta
Max door width
Ancho de la puerta

1000 mm
39-3/8"



Spessore vetro
Glass thickness
Espesor del vidrio

8 ÷ 14 mm
5/16 ÷ 9/16"



Peso max
Door weight
Peso máximo

100 kg
220Lbs



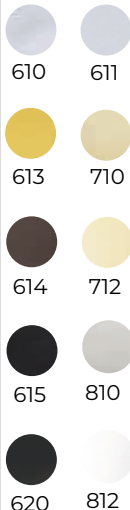
Testata
Tested
Testado

500.000 cicli
cycle - ciclos

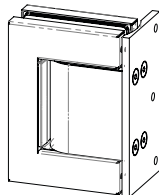
KIT

KIT

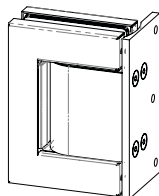
Finiture
Finishing
Acabados



4LL1S
Cerniera idraulica
Hydraulic hinge
Bisagra hidráulica



4LLDS
Cerniera libera
Dummy hinge
Bisagra libre



Kg
70 kg
154,32 Lbs

4LLDS



4LL1S



Kg
100 kg
220Lbs

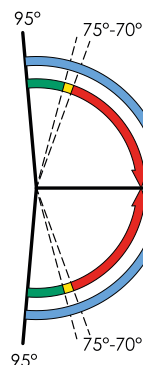
4LL1S



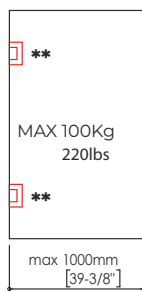
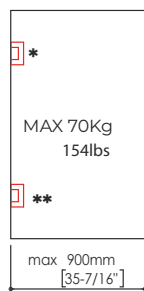
4LL1S



Applicazione vetro-muro con aletta decentrata
Glass to wall application with off-set wing
Aplicación vidrio-pared con aleta desplazada



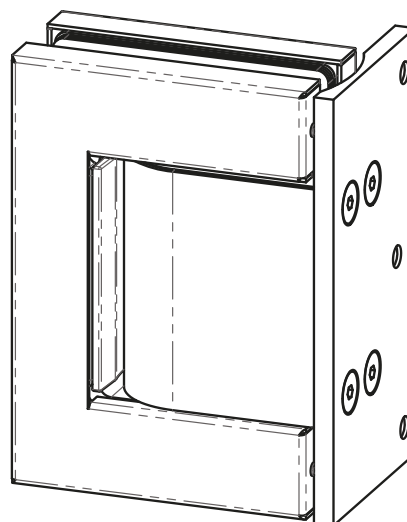
- Possibile posizione della porta
Possible door position
Posible posición de la puerta
- Chiusura controllata
Self-closing
Cierre controlado
- Avvio chiusura controllata
Start closing
Inicio cierre controlado
- Posizione libera
Free standing
Posición libre
- Stop



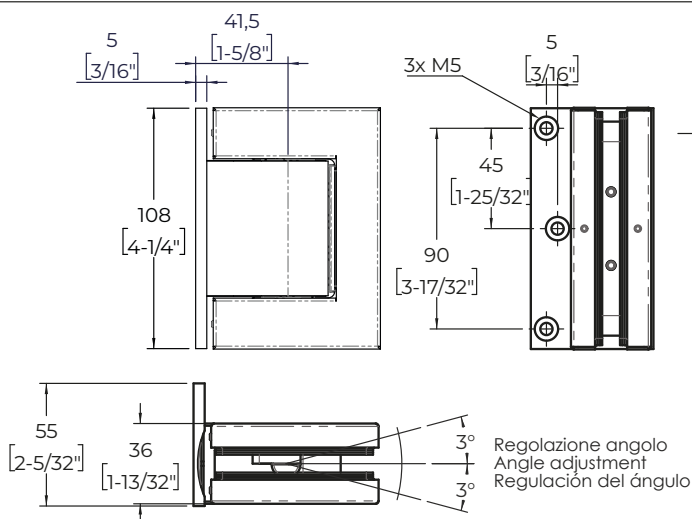
* 4LLDS
Cerniera libera
Dummy hinge
Bisagra libre



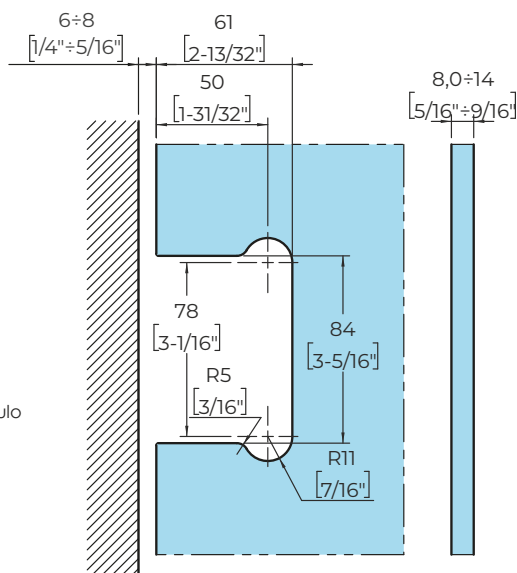
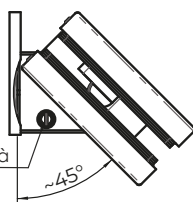
** 4LL1S
Cerniera idraulica
Hydraulic hinge
Bisagra hidráulica



Aperture violente oltre i 90° potrebbero causare scardinamento.
E' consigliato l'utilizzo di un ferma porta.
Violent opening further than 90° could unhinge the door.
We suggest to install a door stop.
Aberturas de la puerta más de 90° pueden causar desenganamiento.
Aconsejamos del utilizar tope de puerta.



+/- Regolazione velocità
Speed adjustment
Regulación de la velocidad





Cod. 4LVIS-4LVDS

Applicazione vetro-vetro
Glass to glass application
Aplicación vidrio-vidrio



Larghezza max dell'anta
Max door width
Ancho de la puerta

1000 mm
39-3/8"



Spessore vetro
Glass thickness
Espesor del vidrio

8 ÷ 14 mm
5/16 ÷ 9/16"



Peso max
Door weight
Peso máximo

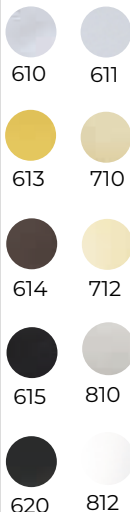
100 kg
220Lbs



Testata
Tested
Testado

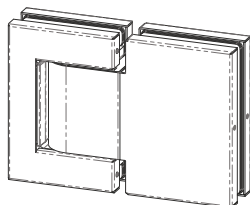
500.000 cicli
cycle - ciclos

Finiture
Finishing
Acabados



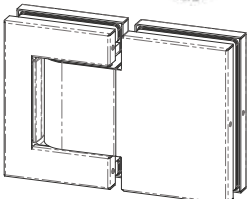
4LVIS

Cerniera idraulica
Hydraulic hinge
Bisagra hidráulica



4LVDS

Cerniera libera
Dummy hinge
Bisagra libre

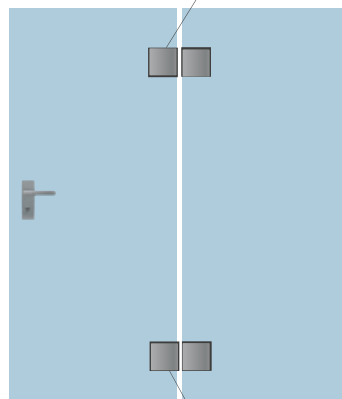


KIT

Kg
70 kg
154,32 Lbs



4LVDS



4LVIS

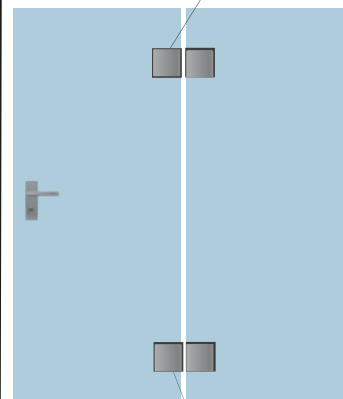


KIT

Kg
100 kg
220 Lbs



4LVIS

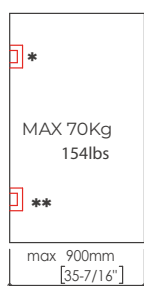
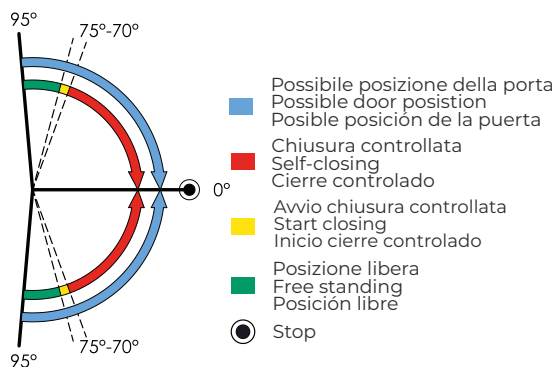


4LVIS



Cod. 4LVIS-4LVDS

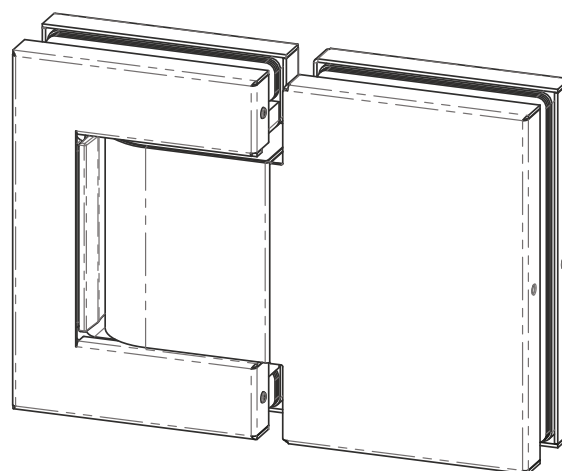
Applicazione vetro-vetro
Glass to glass application
Aplicación vidrio-vidrio



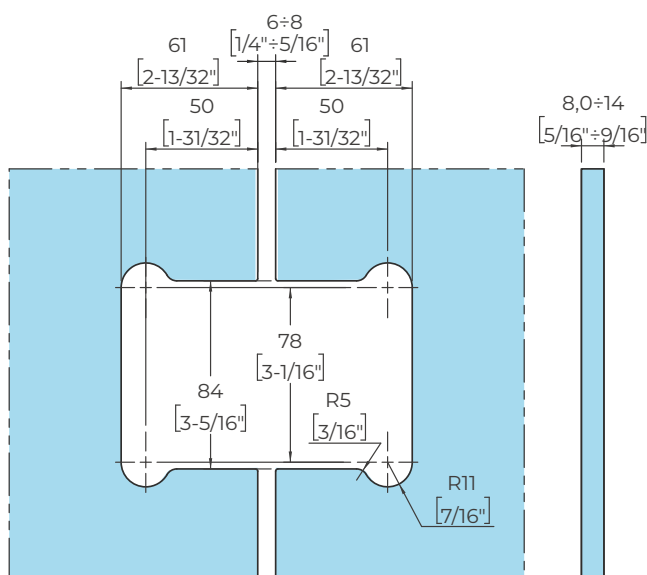
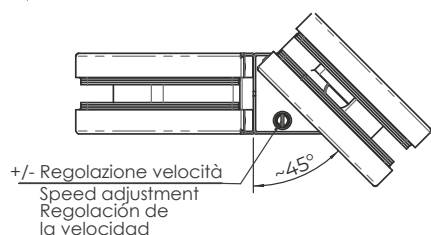
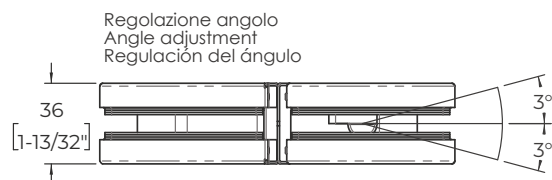
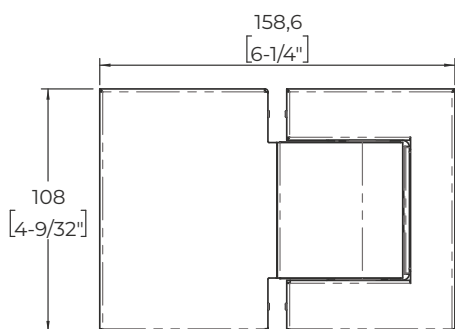
* 4LVDS
Cerniera libera
Dummy hinge
Bisagra libre



** 4LVIS
Cerniera idraulica
Hydraulic hinge
Bisagra hidráulica



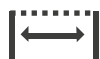
Aperture violente oltre i 90° potrebbero causare scardinamento.
È consigliato l'utilizzo di un ferma porta.
Violent opening further than 90° could unhinge the door.
We suggest to install a door stop.
Aberturas de la puerta más de 90° pueden causar desenganamiento.
Aconsejamos del utilizar tope de puerta.





Cod. 4LA1S-4LADS

Applicazione vetro-vetro
Glass to glass application
Aplicación vidrio-vidrio



Larghezza max dell'anta
Max door width
Ancho de la puerta

1000 mm
39-3/8"



Spessore vetro
Glass thickness
Espesor del vidrio

8 ÷ 14 mm
5/16 ÷ 9/16"



Peso max
Door weight
Peso máximo

100 kg
220Lbs



Testata
Tested
Testado

500.000 cicli
cycle - ciclos

Finiture
Finishing
Acabados



610 611



613 680



614 615

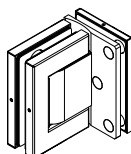


615 620

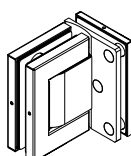


615 620

4LA1S
Cerniera idraulica
Hydraulic hinge
Bisagra hidráulica



4LADS
Cerniera libera
Dummy hinge
Bisagra libre



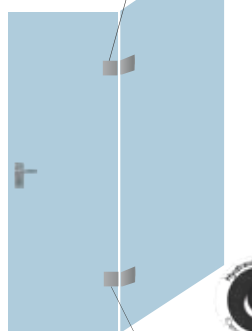
KIT



70 kg
154,32 Lbs



4LADS



4LA1S

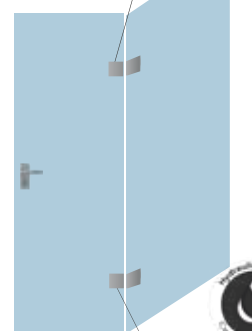
KIT



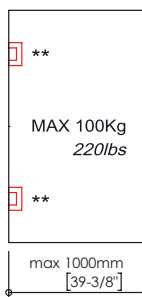
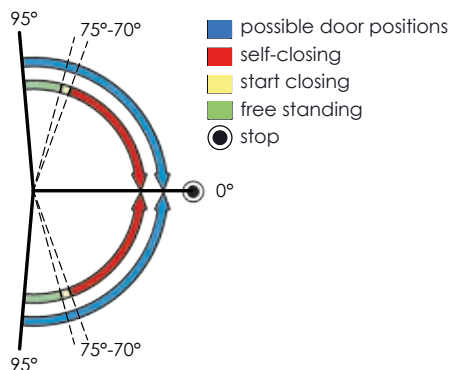
100 kg
220 Lbs



4LA1S

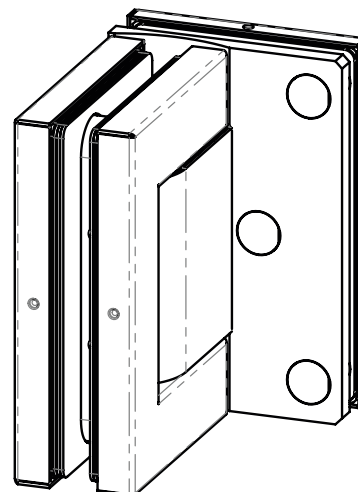


4LA1S

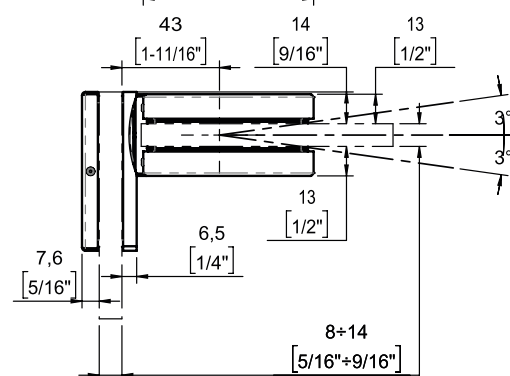
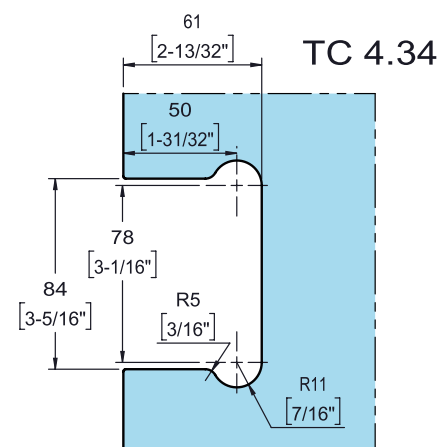
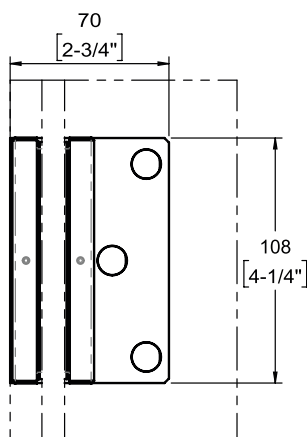
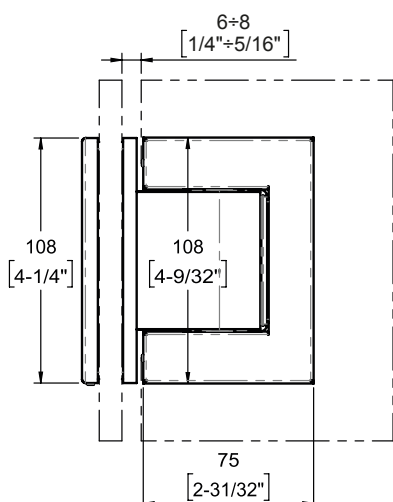


* **4LADS**
Dummy

** **4LAIS**
Hydraulic

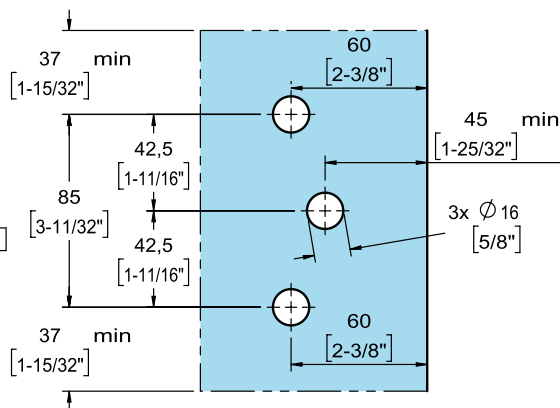
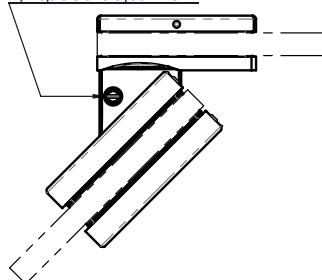


Aperture violente oltre i 90° potrebbero causare scardinamento. È consigliato l'utilizzo di un ferma porta. Violent opening further than 90° could unhinge the door. We suggest to install a door stop. Aberturas de la puerta más de 90° pueden causar desenchamamiento. Aconsejamos del utilizar tope de puerta.

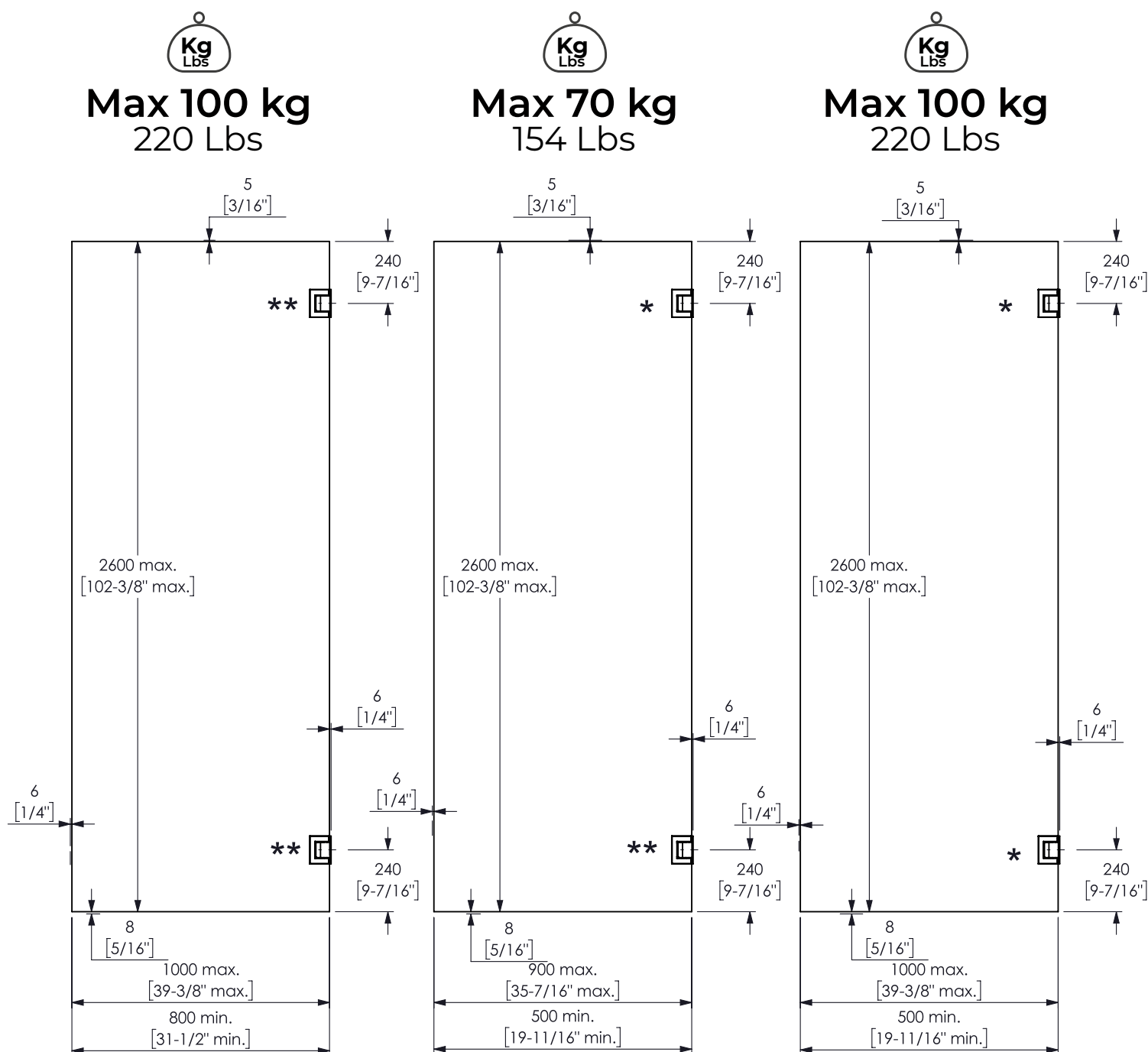


Angle adjustment

+/- speed adjustment



TC 4.37



LEGENDA



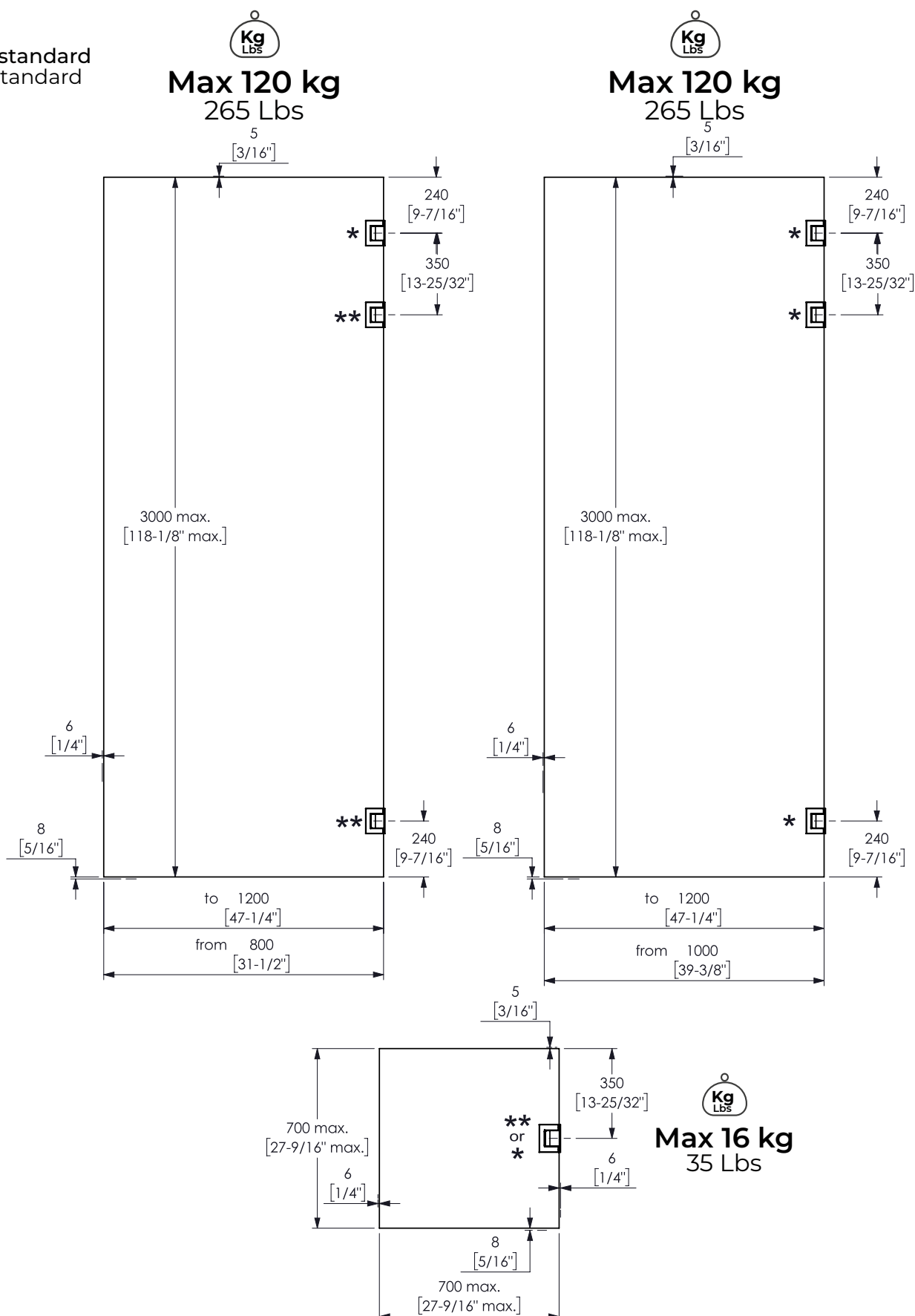
Portata massima | Max weight

* Cerniera libera | Dummy hinge

** Cerniera idraulica | Hydraulic hinge

Per soluzioni personalizzate è possibile rivolgersi al nostro ufficio tecnico.
For custom project you can consult our technical department.

Fuori standard
Non-standard





Cod. 4LC1G-4LCDG

Applicazione vetro-muro per grandi spessori
Glass to wall application for large thicknesses
Aplicación vidrio-pared por grandes espesores



4LC1G



Cerniera idraulica
Hydraulic hinge
Bisagra hidráulica

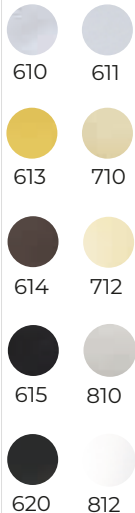


4LCDG



Cerniera libera
Dummy hinge
Bisagra libre

Finiture
Finishing
Acabados



Larghezza max dell'anta
Max door width
Ancho de la puerta
1200 mm
47 1/4"



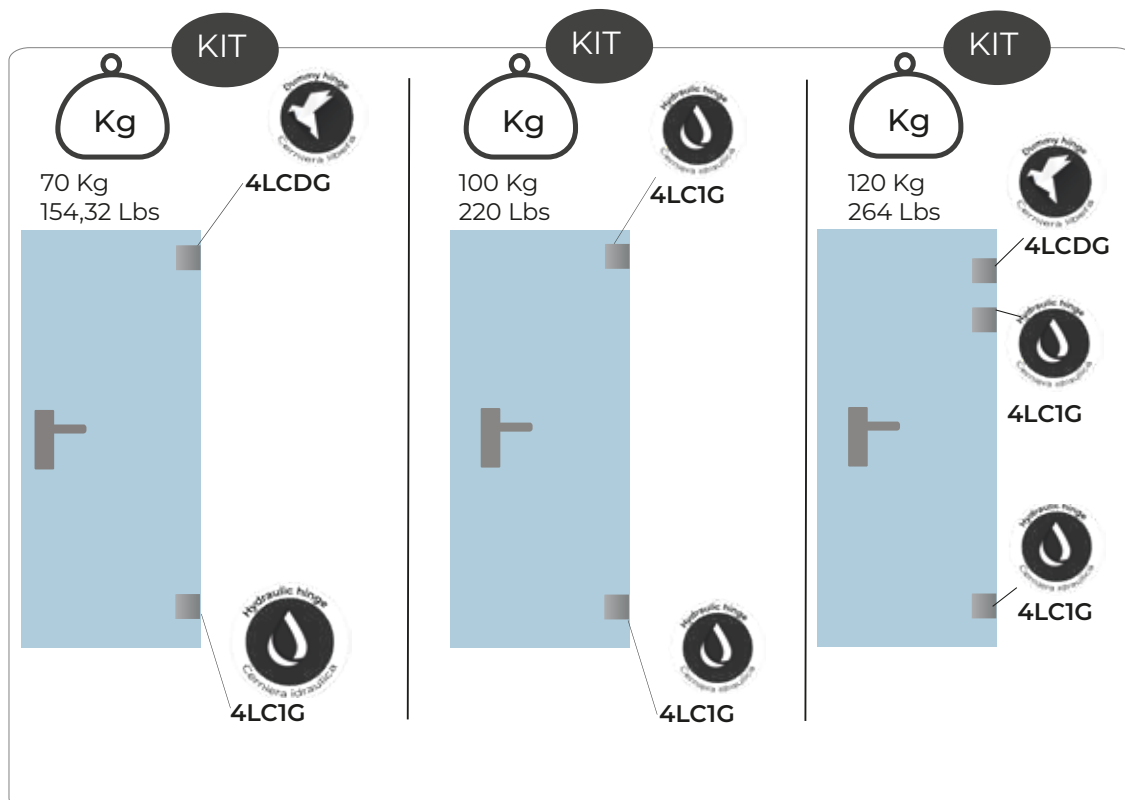
Spessore vetro
Glass thickness
Espesor del vidrio
17,52 ÷ 21,52 mm
11/16 ÷ 27/32"



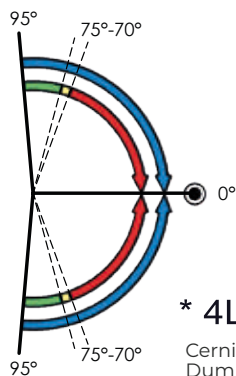
Peso max
Door weight
Peso máximo
100 kg
220Lbs



Testata
Tested
Testado
500.000 cicli
cycle - ciclos



Applicazione vetro-muro per grandi spessori
Glass to wall application for large thicknesses
Aplicación vidrio-pared por grandes espesores



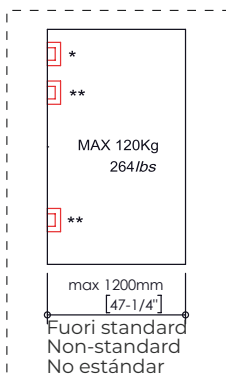
- Possibile posizione della porta
Possible door position
Posible posición de la puerta
- Chiusura controllata
Self-closing
Cierre controlado
- Avvio chiusura controllata
Start closing
Inicio cierre controlado
- Posizione libera
Free standing
Posición libre
- Stop

* 4LCDG

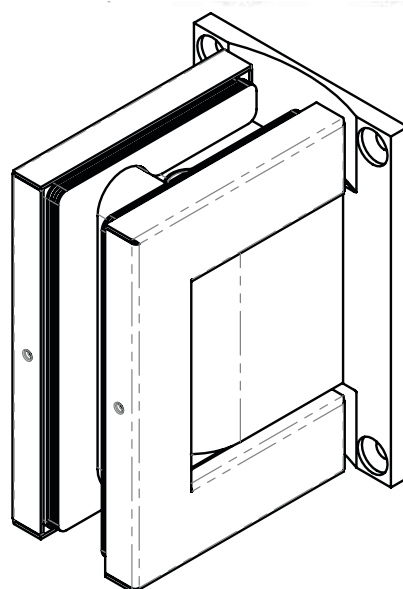
Cerniera libera
Dummy hinge
Bisagra libre

** 4LC1G

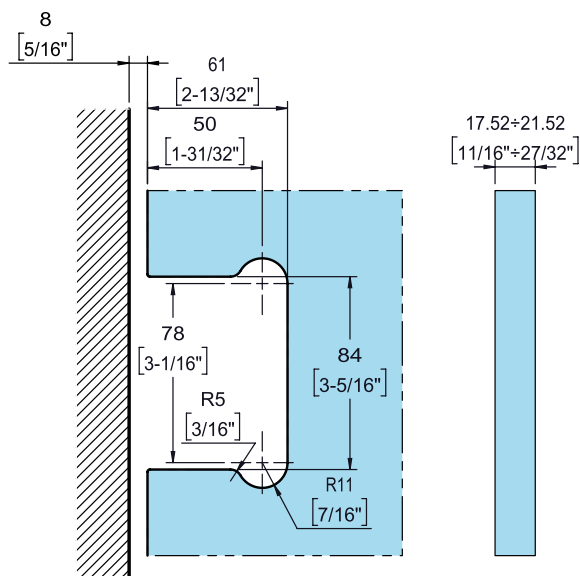
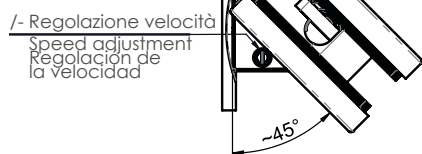
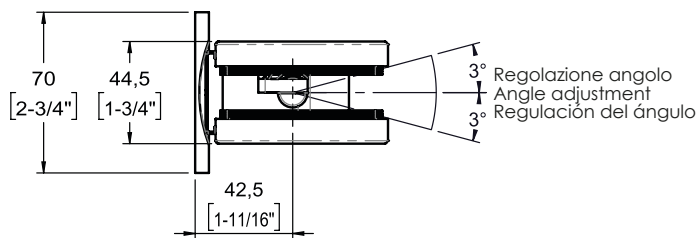
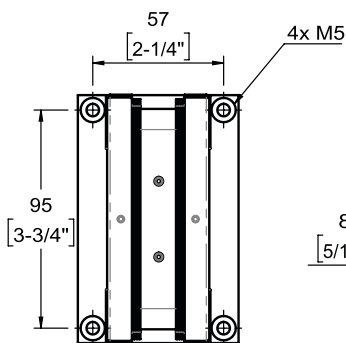
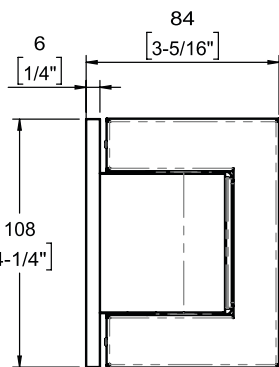
Cerniera idraulica
Hydraulic hinge
Bisagra hidráulica



Fuori standard
Non-standard
No estándar



Aperture violente oltre i 90° potrebbero causare scardinamento.
È consigliato l'utilizzo di un ferma porta.
Violent opening further than 90° could unhinge the door.
We suggest to install a door stop.
Aperturas de la puerta más de 90° pueden causar desenganamiento.
Aconsejamos del utilizar tope de puerta.





#Latus80







Larghezza max dell'anta
Max door width
Ancho de la puerta

1000 mm
39-3/8"



Spessore vetro
Glass thickness
Espesor del vidrio

8 ÷ 14 mm
5/16 ÷ 9/16"



Peso max
Door weight
Peso máximo

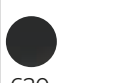
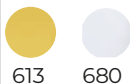
100 kg
220Lbs



Testata
Tested
Testado

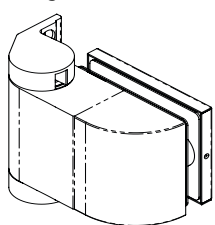
500.000 cicli
cycle - ciclos

Finiture Finishing Acabados



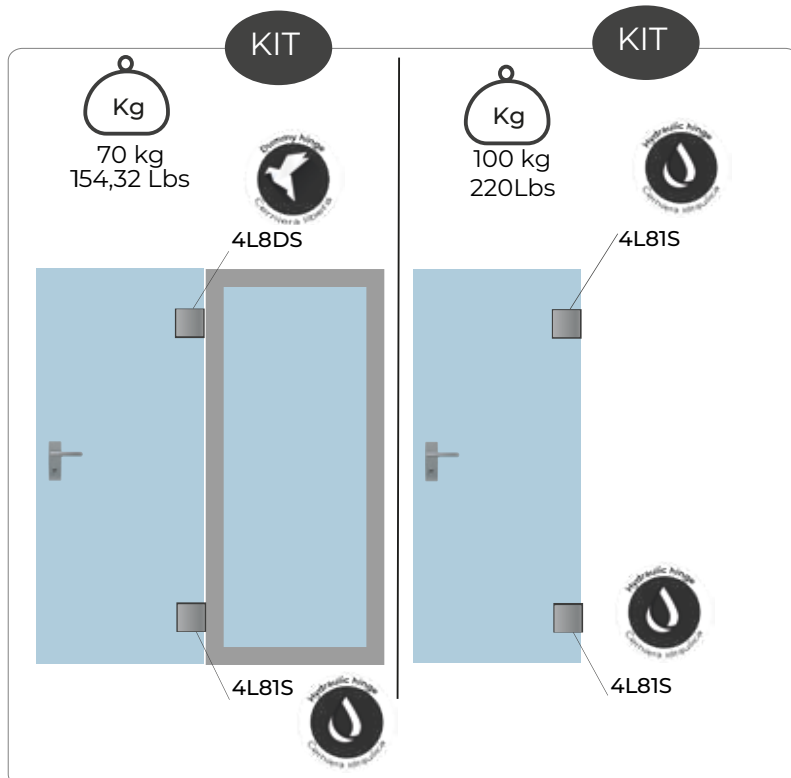
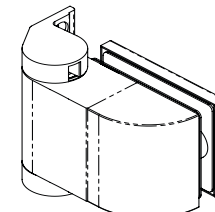
4L81S

Cerniera idraulica
Hydraulic hinge
Bisagra hidráulica



4L8DS

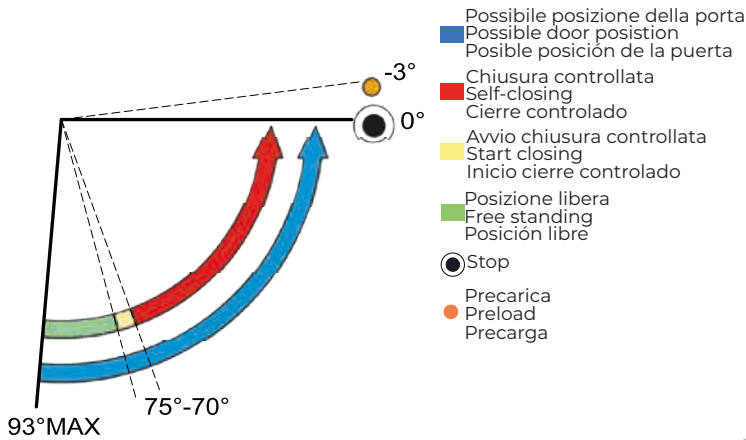
Cerniera libera
Dummy hinge
Bisagra libre



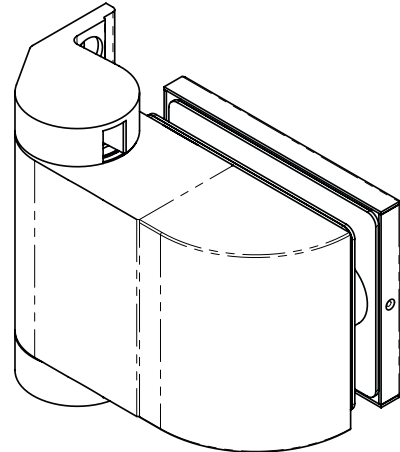
Necessita di battuta | Require stop | Requiere tope

Cod. 4L81S-4L8DS

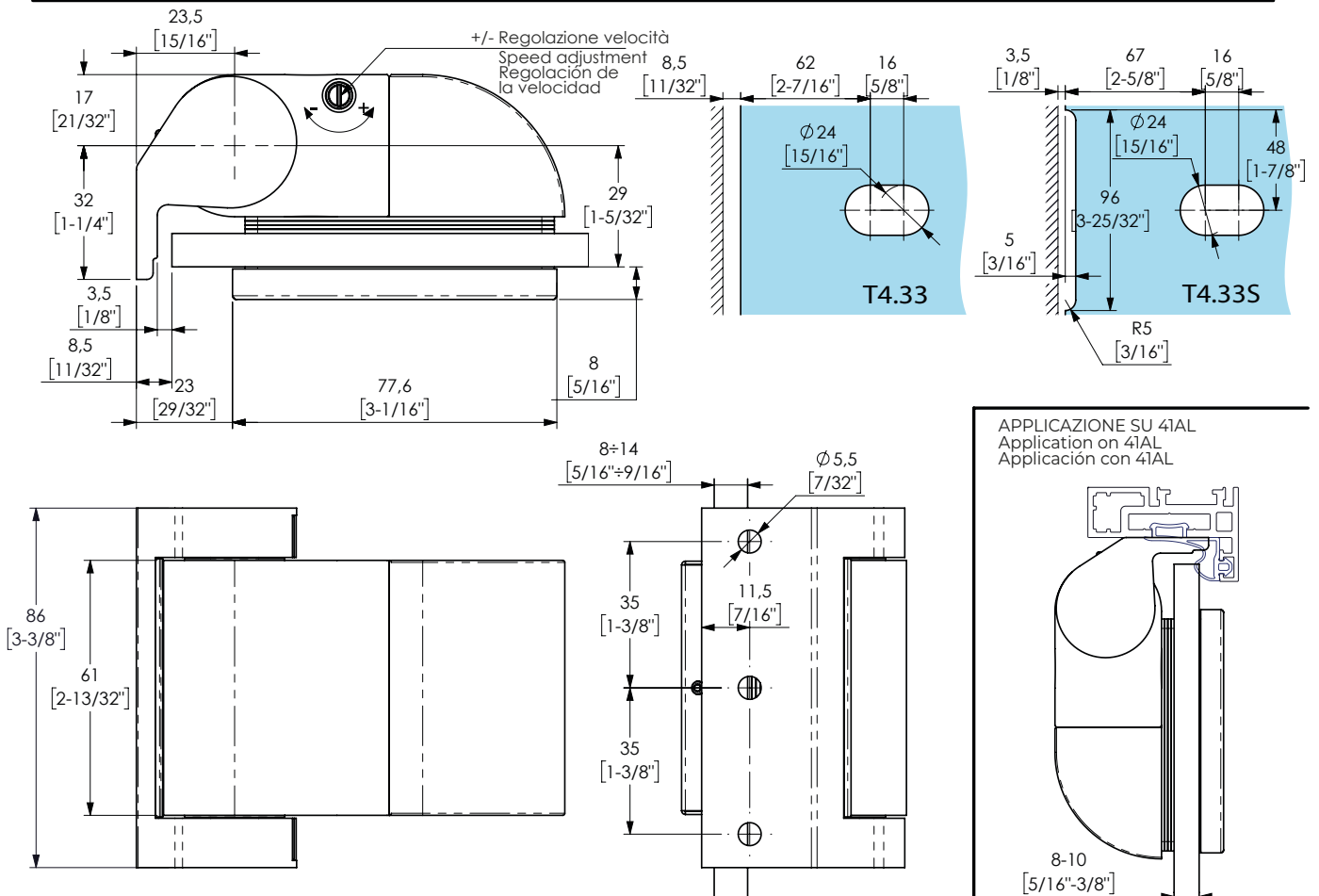
Applicazione vetro-muro o su profilo (41AL)
Glass to wall or profile (41AL) application
Aplicación vidrio-pared o con perfil (41AL)



* 4L8DS Dummy MAX 70Kg 154lbs max 900mm [35-7/16"]	** 4L81S Hydraulic MAX 100Kg 220lbs max 1000mm [39-3/8"]
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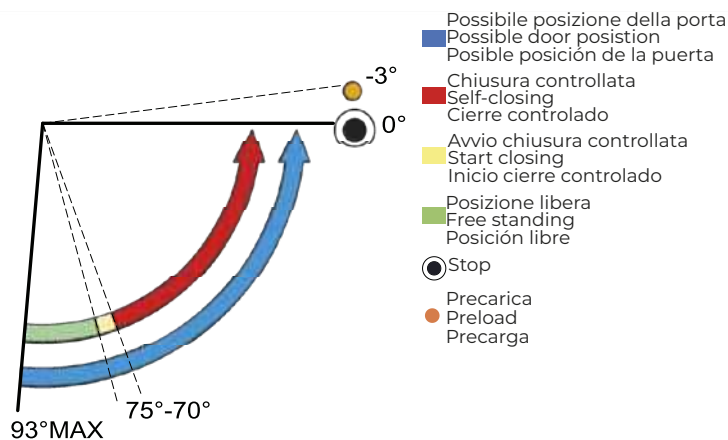


Aperture violente oltre i 90° potrebbero causare scardinamento.
È consigliato l'utilizzo di un ferma porta.
Violent opening further than 90° could unhinge the door.
We suggest to install a door stop.
Aberturas de la puerta más de 90° pueden causar desenganamiento.
Aconsejamos del utilizar tope de puerta.



Si consiglia l'utilizzo di un fermo a pavimento
We recommend the use of door stop
Se aconseja el uso de tope de puerta

Applicazione vetro-muro o su profilo (41AL)
Glass to wall or profile (41AL) application
Aplicación vidrio-pared o con perfil (41AL)



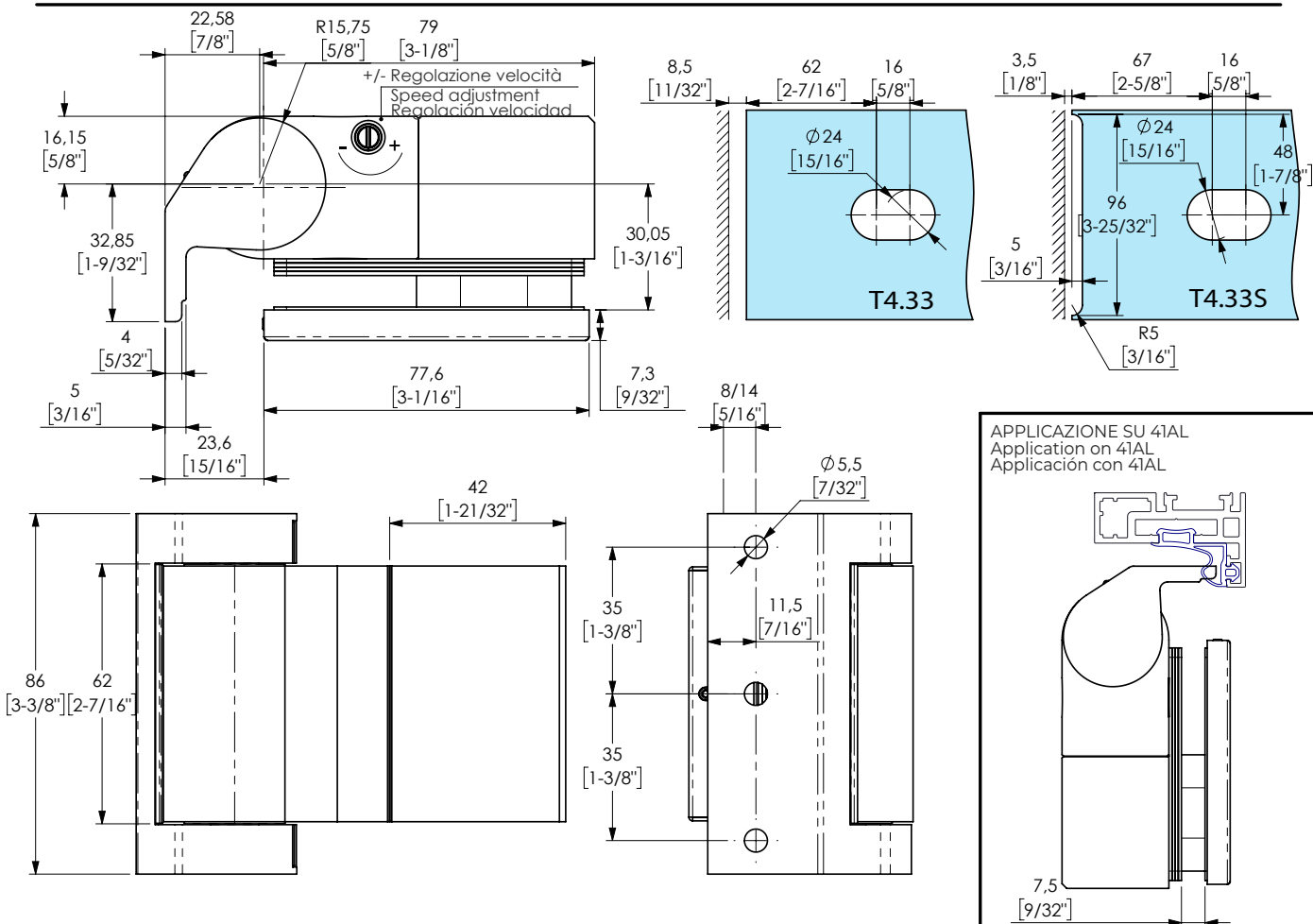
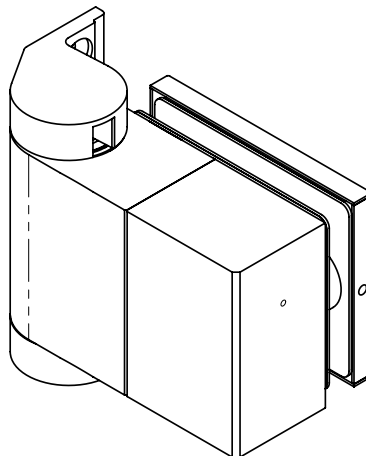
* 4L8DU Dummy MAX 70Kg 154lbs max 900mm [35-7/16"]	** 4L81U Hydraulic MAX 100Kg 220lbs max 1000mm [39-3/8"]
--	--

*** 4L8DU**
Dummy

**** 4L81U**
Hydraulic



Aperture violente oltre i 90° potrebbero causare scardinamento.
E' consigliato l'utilizzo di un ferma porta.
Violent opening further than 90° could unhinge the door.
We suggest to install a door stop.
Aberturas de la puerta más de 90° pueden causar desenganamiento.
Aconsejamos del utilizar tope de puerta.



APPLICAZIONE SU 41AL
Application on 41AL
Aplicación con 41AL

! Si consiglia l'utilizzo di un fermo a pavimento
We recommend the use of door stop
Se aconseja el uso de tope de puerta



#Latus60



Cod. 4CL1A-4CL0A

Applicazione vetro-muro
Glass to wall application
Aplicación vidrio-pared



Spessore vetro
Glass thickness
Espesor del vidrio
8 ÷ 12 mm
5/16 ÷ 15/32"



Portata
Weight
Peso
65 kg
145 Lbs



Indicata per saune
Suitable for saunas
Indicada para saunas



Indicata per docce
Suitable for showers
Indicada para duchas



Temperatura tollerabile
Temperature
Temperatura
-15°÷100°C
5°÷212°F

Finiture
Finishing
Acabados



611



620



630



665





Cod. 4CL1A-4CL0A

Applicazione vetro-muro
Glass to wall application
Aplicación vidrio-pared

 Piastrina standard
Standard plate
Plaqueta estándar

Finiture
Finishing
Acabados

611

620

630

665

possible door positions

- Posizione della porta
- self-closing
- Chiusura controllata
- start closing
- Chiusura controllata
- free standing
- Posizione libera
- stop

4CLOA
On request
Su richiesta

4CL1A

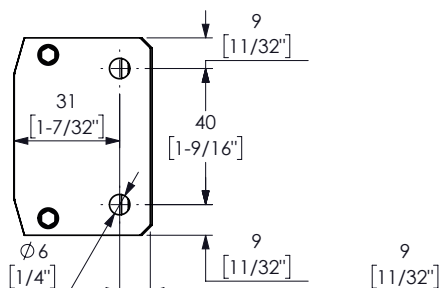
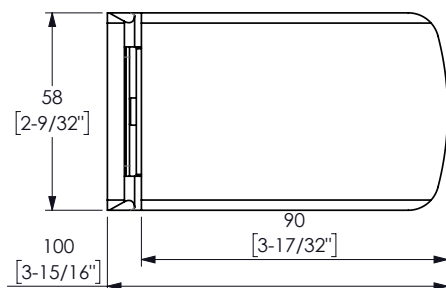
MAX 65Kg
144lbs

950
37 1/2"]

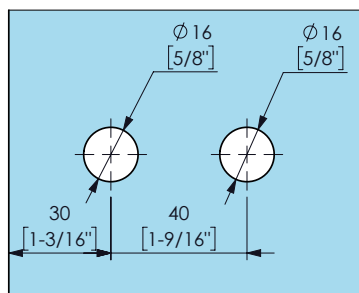
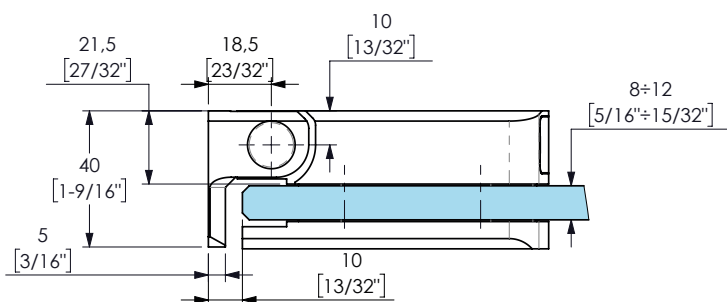
DAMPING REGULATION
REGOLAZIONE DAMPING

ATTENTION
DO NOT ADJUST
ATTENZIONE
NON REGOLARE

Aperture violente oltre i 90° potrebbero causare scardinamento. È consigliato l'utilizzo di un ferma porta.
Violent opening further than 90° could unhinge the door.
We suggest to install a door stop.
Aperturas de la puerta más de 90° pueden causar descajamiento. Aconsejamos del utilizal tope de puerta.

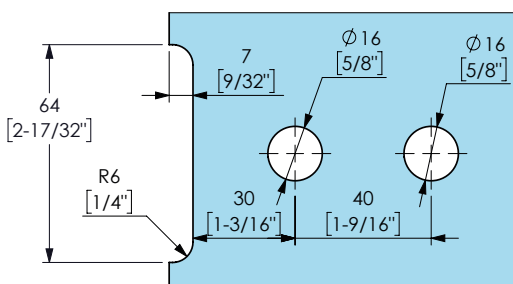
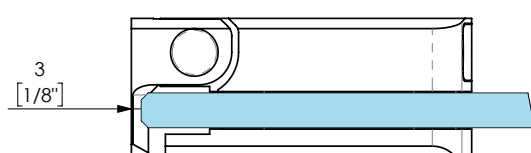


WITH SEAL
CON GUARNIZIONE



T4.35

WITHOUT SEAL
SENZA GUARNIZIONE



T4.36

Cod. 4CL1B-4CL0B

Applicazione vetro-muro o su profilo in alluminio
Glass to wall or frame profile application
Aplicación vidrio-pared o con perfil de aluminio



Spessore vetro
Glass thickness
Espesor del vidrio
8 ÷ 12 mm
5/16 ÷ 15/32"



Portata
Weight
Peso
65 kg
145 Lbs



Indicata per saune
Suitable for saunas
Indicada para saunas



Indicata per docce
Suitable for showers
Indicada para duchas



Temperatura tollerabile
Temperature
Temperatura
-15°÷100°C
5°÷212°F

Finiture
Finishing
Acabados



611



620



630



665





Applicazione vetro-muro o su profilo in alluminio
Glass to wall or frame profile application
Aplicación vidrio-pared o con perfil de aluminio

! Piastrina corta per applicazione su profilo
Shorter plate for framed door application
Plaqueta mas corta para aplicación en puertas con perfiles

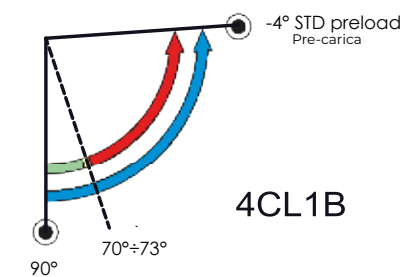
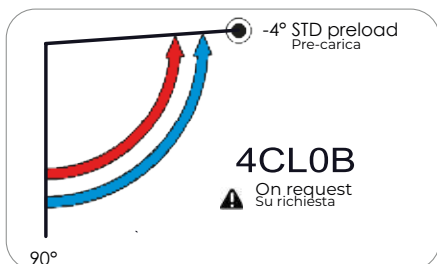
Finiture
Finishing
Acabados

611

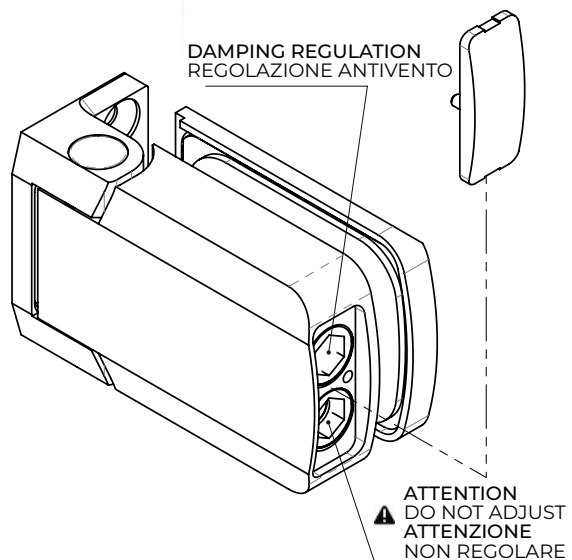
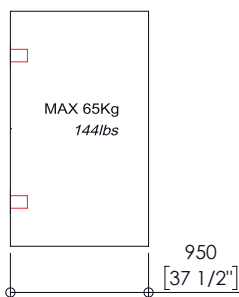
620

630

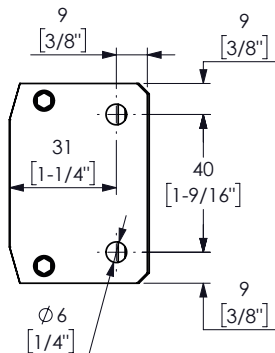
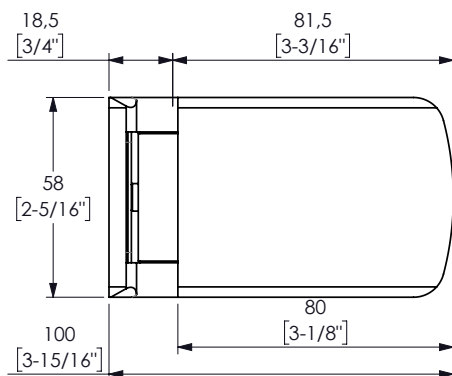
665



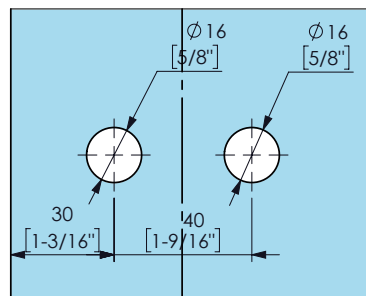
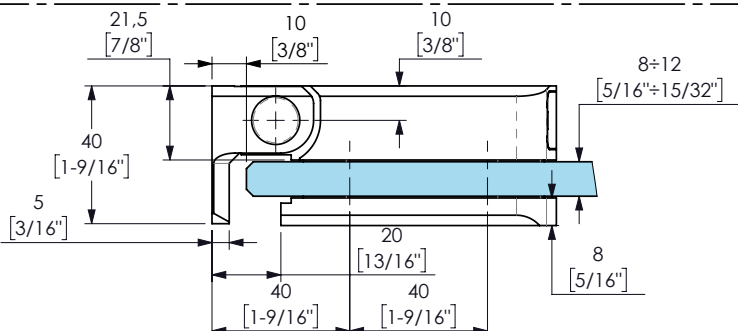
possible door positions
Posizione della porta
self-closing
Chiusura controllata
start closing
Chiusura controllata
free standing
Posizione libera
stop



! Aperture violente oltre i 90° potrebbero causare scardinamento. È consigliato l'utilizzo di un ferma porta.
Violent opening further than 90° could unhinge the door. We suggest to install a door stop.
Aberturas de la puerta más de 90° pueden causar descajamiento. Aconsejamos del utilizar tope de puerta.

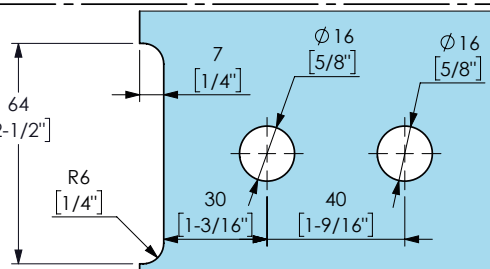
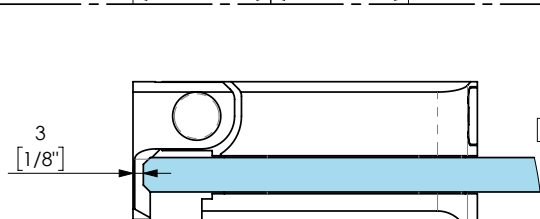


CON GUARNIZIONE
WITH SEAL



T4.35

SENZA GUARNIZIONE
WITHOUT SEAL



T4.36



Cod. 4CVIS-4CV0S

Applicazione vetro-vetro
Glass to glass application
Aplicación vidrio-vidrio



Spessore vetro
Glass thickness
Espesor del vidrio
8 ÷ 12 mm
5/16 ÷ 15/32"



Portata
Weight
Peso
65 kg
145 Lbs



Indicata per saune
Suitable for saunas
Indicada para saunas



Indicata per docce
Suitable for showers
Indicada para duchas



Temperatura tollerabile
Temperature
Temperatura
-15°÷100°C
5°÷212°F

Finiture
Finishing
Acabados



611



620



630



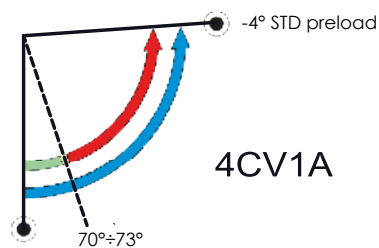
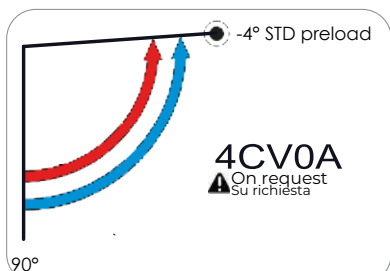
665



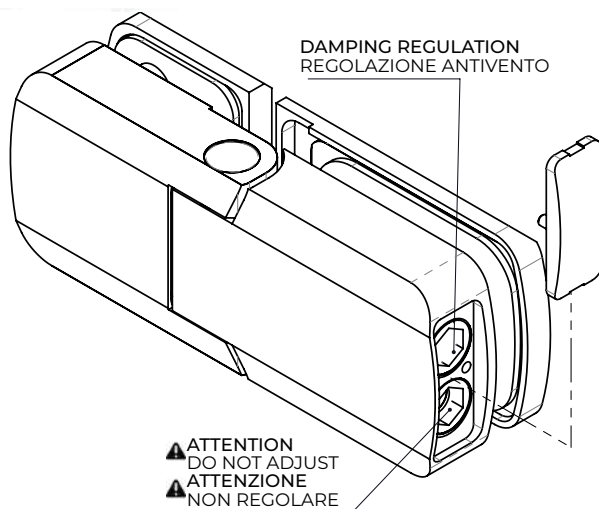
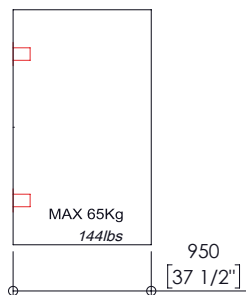


Finiture
Finishing
Acabados

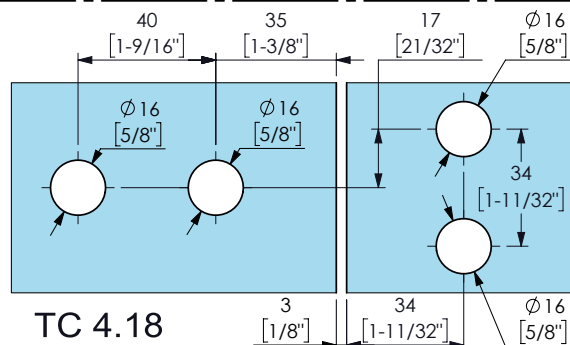
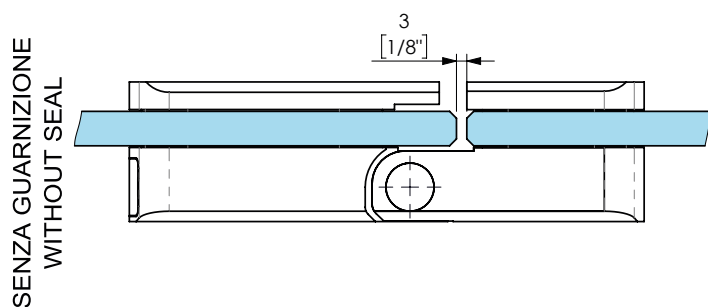
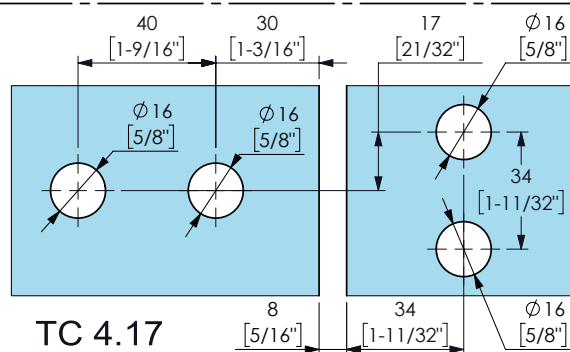
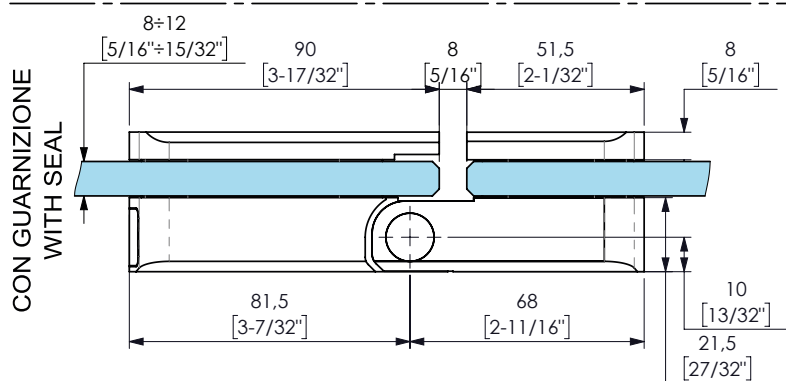
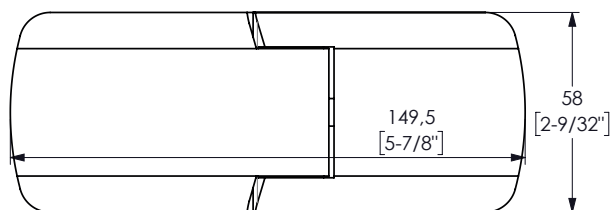
- 611
- 620
- 630
- 665



- possible door positions
- self-closing
- start closing
- free standing
- stop



Aperture violente oltre i 90° potrebbero causare scardinamento. È consigliato l'utilizzo di un ferma porta.
Violent opening further than 90° could unhinge the door. We suggest to install a door stop.
Aberturas de la puerta más de 90° pueden causar descajamiento. Aconsejamos del utilizar tope de puerta.





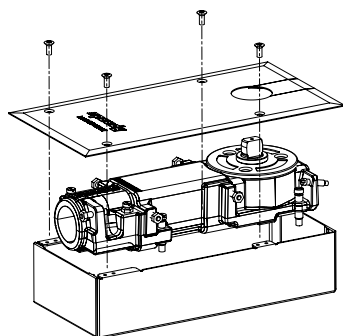








Caratteristiche e funzionalità Characteristics and operation Características y funciones	M25	M60	KS3000	M68	M68Z	SM68
Forze preconfigurate in fabbrica Factory preset strengths Fuerzas preconfiguradas en la fábrica	EN1154-2 Giallo Yellow Amarillo 120 kg 264,55 Lbs	EN1154-2 Giallo Yellow Amarillo 160 kg 352,74 Lbs	EN1154-2 Giallo Yellow Amarillo 120 kg 264,55 Lbs			
	EN1154-3 Rosso Red Rojo 120 kg 264,55 Lbs	EN1154-3 Rosso Red Rojo 160 kg 352,74 Lbs	EN1154-3 Rosso Red Rojo 120 kg 264,55 Lbs	EN1154-3 Rosso Red Rojo 100 kg 220,46 Lbs	EN1154-3 Rosso Red Rojo 100 kg 220,46 Lbs	EN1154-3 Rosso Red Rojo 100 kg 220,46 Lbs
	EN1154-4/5 Nero Black Negro 200 kg 440,92 Lbs 350 kg 771,61 Lbs					
Forza per disabilità Strength for disabled Fuerza para minusválidos	Su richiesta Upon request Bajo pedido	Su richiesta Upon request Bajo pedido	Su richiesta Upon request Bajo pedido			
Heavy duty Heavy duty Heavy duty	Su richiesta 350 kg Upon request 350 kg Bajo pedido 350 kg					
Ambienti aggressivi Aggressive environments Ambientes corrosivos	Su richiesta Upon request Bajo pedido	Su richiesta Upon request Bajo pedido	Su richiesta Upon request Bajo pedido			
Larghezza max porta Max width door Ancho max de la puerta	1100 mm 43 5/16"	1100 mm 43 5/16"	1100 mm 43 5/16"	950 mm 37 13/32"	950 mm 37 13/32"	950 mm 37 13/32"
Peso della porta Max door weight Peso de la puerta	120 kg 264,55 Lbs	160 kg 352,74 Lbs	120 kg 264,55 Lbs	100 kg 220,46 Lbs	100 kg 220,46 Lbs	100 kg 220,46 Lbs
	200 kg 440,92 Lbs					
	350 kg 771,61 Lbs					
Termocostanza Thermo constancy Termocostancia	Su richiesta Upon request Bajo pedido	✓	✓			
Blocco corsa e indurimento meccanico Block stop & Back check Bloqueo de la carrera y endurecimiento mecánico	Su richiesta Upon request Bajo pedido			120°	120°	120°
Teste di perno intercambiabili Interchangeable spindle heads Cabezas de pernio intercambiables	Su richiesta Upon request Bajo pedido	Su richiesta Upon request Bajo pedido	Su richiesta Upon request Bajo pedido			✓
Teste di perno prolungate Extended spindle heads Cabezas de pernio alargadas	Su richiesta Upon request Bajo pedido	Su richiesta Upon request Bajo pedido	Su richiesta Upon request Bajo pedido			Su richiesta Upon request Bajo pedido
Coperchio con fissaggio Cover fixed to Tapadera con fijado	Cassetta a cementare Cement case Caja a cementar	Cassetta a cementare Cement case Caja a cementar	Corpo del chiudiporta Door closer body Cuerpo del cierrapuerta	Cassetta a cementare Cement case Caja a cementar	Corpo del chiudiporta Door closer body Cuerpo del cierrapuerta	Cassetta a cementare Cement case Caja a cementar
Lunghezza della cassetta a cementare Cement case length Largo de la caja a cementar	283 mm 11 9/64"	267 mm 10 33/64"	270 mm 10 5/8"	280 mm 11 1/32"	275 mm 10 53/64"	275 mm 10 53/64"
Larghezza della cassetta a cementare Cement case width Ancho de la caja a cementar	130 mm 5 1/8"	96 mm 3 25/32"	80 mm 3 5/32"	110 mm 4 21/64"	108 mm 4 1/4"	108 mm 4 1/4"
Altezza cassetta a cementare Cement case height Altura de la caja a cementar	65 mm 2 9/16"	56 mm 2 13/64"	56 mm 2 13/64"	43 mm 1 11/16"	41 mm 1 39/64"	43 mm 1 11/16"



Finiture Standard
Standard finishes
Acabados estándar

611

800

Finiture su richiesta
Finishes upon request
Acabados bajo pedido

613

614

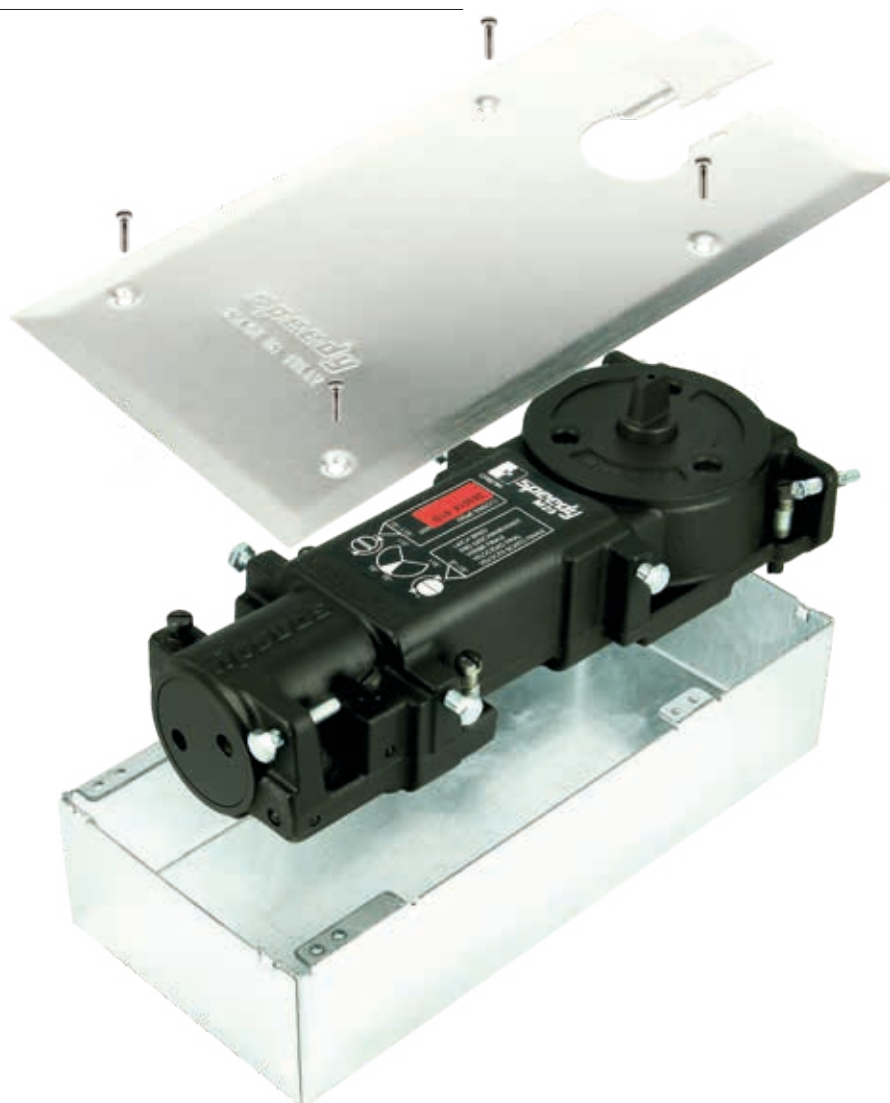
615

620

700

712

812




Larghezza max dell'anta
Max door width
Ancho máximo de la puerta

75 ÷ 140 cm
29 17/32 ÷ 55 1/8"


Kg
Peso max
Door weight
Peso máximo

120 kg - 200 kg - 350 kg
264,55 Lbs - 440,92 Lbs - 771,61 Lbs


Peso della confezione
Packaging weight
Peso de la confección

6,4 kg
14,10 Lbs


Dimensioni della cassetta
a cementare
Dim. of cement case
Dim. de la caja a cementar

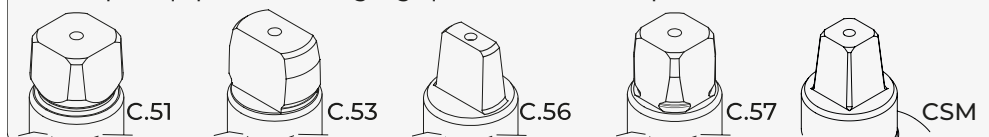
130x283x65 mm
5 1/8"x11 9/64"x25 19/32"

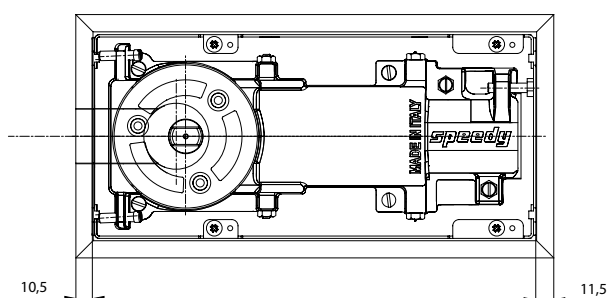
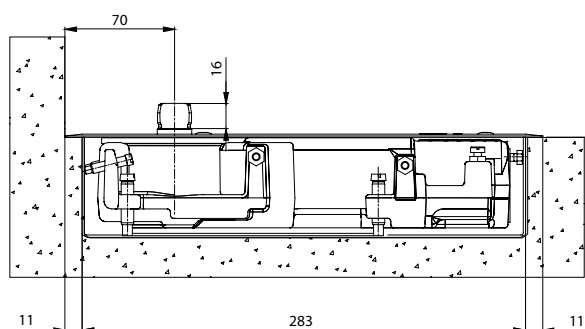
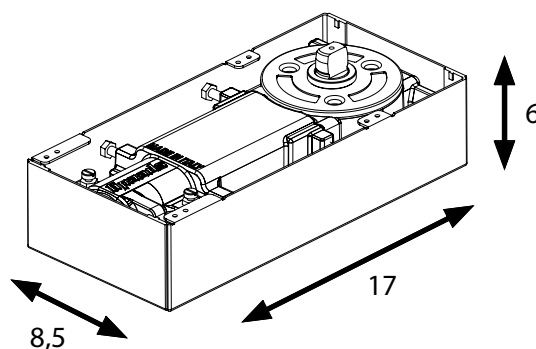
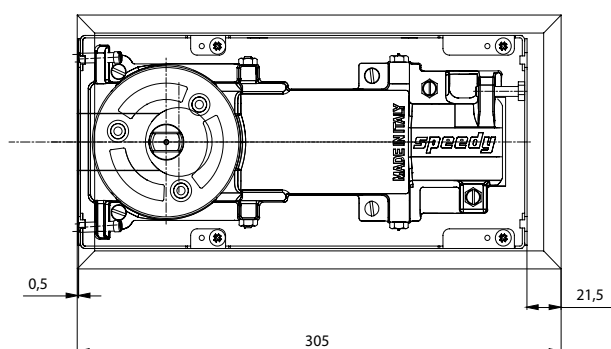
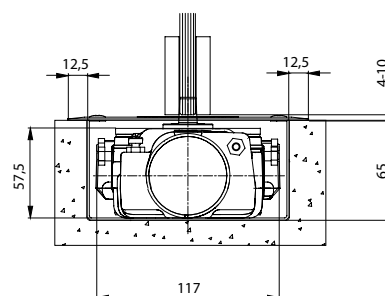
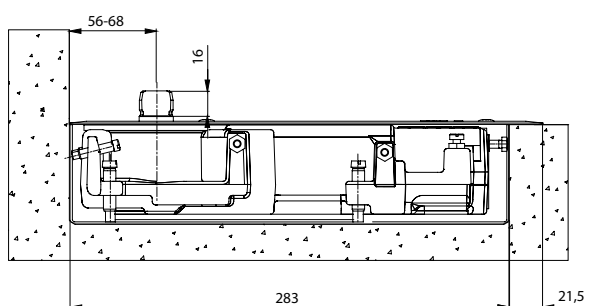
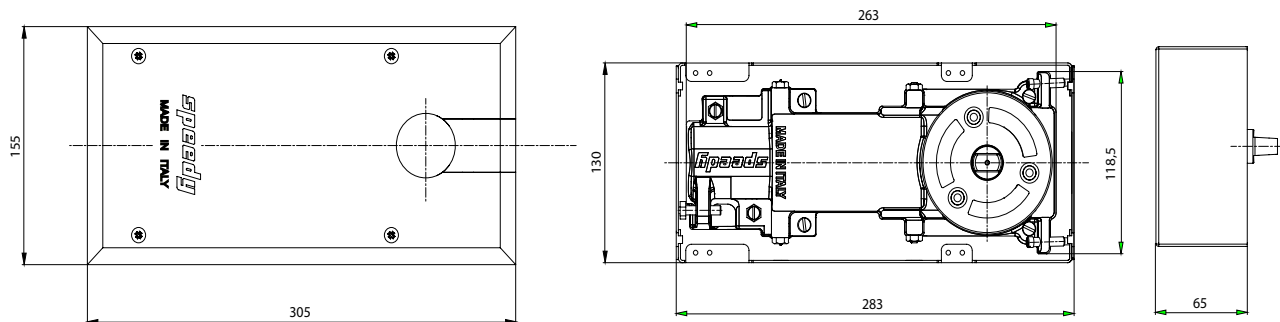
Larghezza massima porta Maximum door width Ancho máximo de la puerta	Esterni Exterior Externos	Interni Interior Internos
Forza gialla Yellow Strength Fuerza amarilla	75 cm 29 17/32"	85 cm 33 15/32"
Forza rossa Red Strength Fuerza roja	100 cm 39 3/8"	110 cm 43 5/16"
Forza nera Black Strength Fuerza negra	110 cm 43 5/16"	140 cm 55 1/8"

A richiesta | Upon request | Bajo pedido

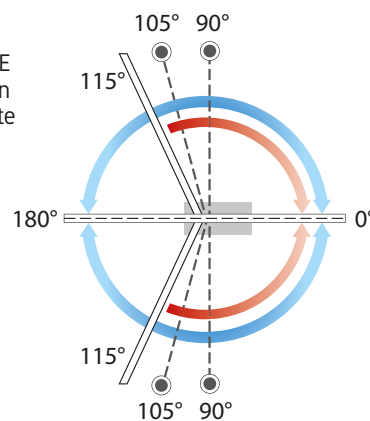
- ✓ Esecuzione speciale per porte fino a 350 kg
Special execution for doors up to 350 kg
Ejecuciones especiales para puertas de hasta 350 kg de peso bajo pedido
- ✓ Blocco corsa e indurimento meccanico a partire da 70°
Back stop and back check from 70° upon request
posibilidad de bloque de la carrera y endurecimiento a partir de 70°
- ✓ Versione con teste di perno intercambiabili
Version with interchangeable spindle head upon request
Disponibile con perno intercambiabile
- ✓ Versione con perno prolungato
Version with extended spindle
Se puede elevar el perno
- ✓ Termocostanza
Thermo costancy available upon request
Termocostancia si se solicita bajo pedido

Calibri perni | Spindle caliber gauge | Indicadores de los pernios

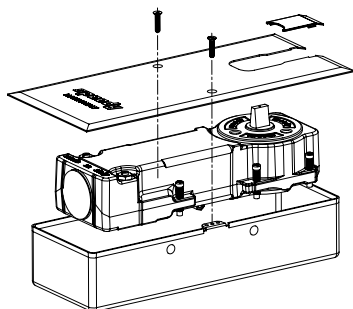




● FERMO COSTANTE
Costant hold-open
Retención constante



EN 1154 - 4	MAX 200 KG
EN 1154 - 3	
EN 1154 - 2	
EN 1154 - 1	
MAX	120 KG
750	
750-850	
850-1100	
1100-1400	



Finiture Standard
Standard finishes
Acabados estándar

611

800

Finiture su richiesta
Finishes upon request
Acabados bajo pedido

613

614

615

620

700

712

812



Larghezza max dell'anta
Max door width
Ancho máximo de la puerta

75 ÷ 110 cm
29 17/32 ÷ 55 1/8"



Peso max
Door weight
Peso máximo

160 kg
264,5 Lbs



Peso della confezione
Packaging weight
Peso de la confección

5,1 kg
11,24 Lbs



Dimensioni della cassetta
a cementare
Dim. of cement case
Dim. de la caja a cementar

96,5x267x56 mm
3 25/32"x10 33/64"x2 13/64"

Incluso | Included | Incluido

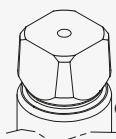
- ✓ Termocostanza di serie
Thermo costancy as standard
Termocostancia de serie

A richiesta | Upon request | Bajo pedido

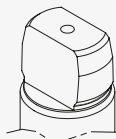
- ✓ Versione con teste di perno intercambiabili
Version with interchangeable spindle head upon request
Disponible con perno intercambiabile
- ✓ Versione con perno prolungato
Version with extended spindle
Se puede elevar el perno
- ✓ Versione speciale con cassetta, dispositivi di bloccaggio e viti di regolazione in acciaio inox per ambienti aggressivi
Special version with stainless steel cement case, blocking system and regulation screws suitable for aggressive installation
Versión especial con caja, sistemas de fijación y tornillos de regulación en acero inox para instalaciones en ambientes corrosivos

Larghezza massima porta Maximum door width Ancho máximo de la puerta	Esterni Exterior Externos	Interni Interior Internos
Forza gialla Yellow Strength Fuerza amarilla	75 cm 29 17/32"	85 cm 33 15/32"
Forza rossa Red Strength Fuerza roja	100 cm 39 3/8"	110 cm 43 5/16"

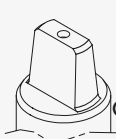
Calibri perni | Spindle caliber gauge | Indicadores de los pernios



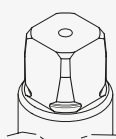
C.51



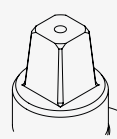
C.53



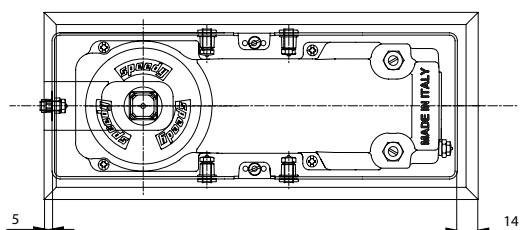
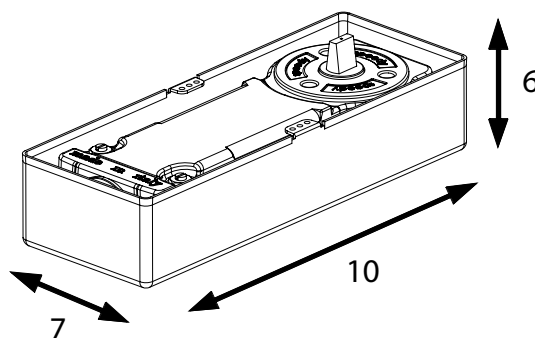
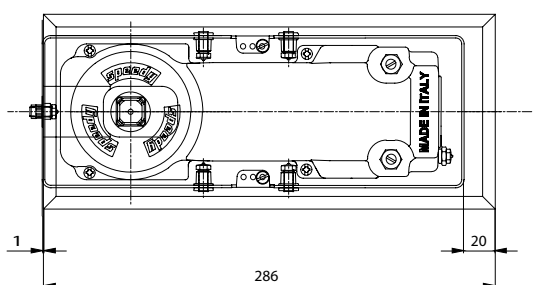
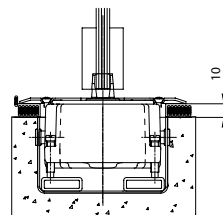
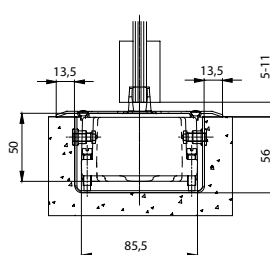
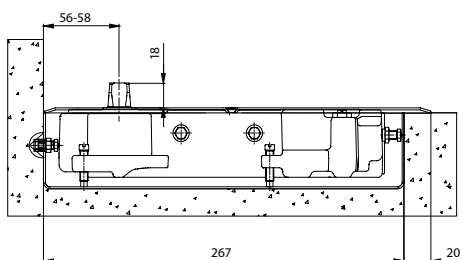
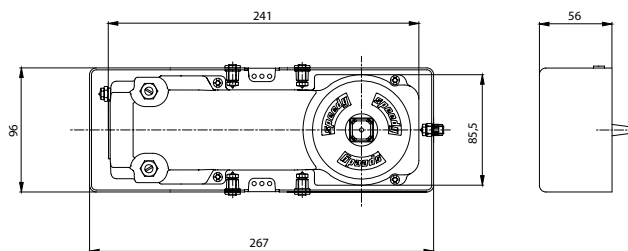
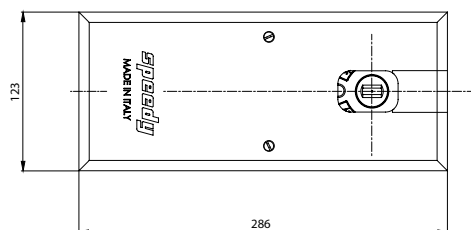
C.56



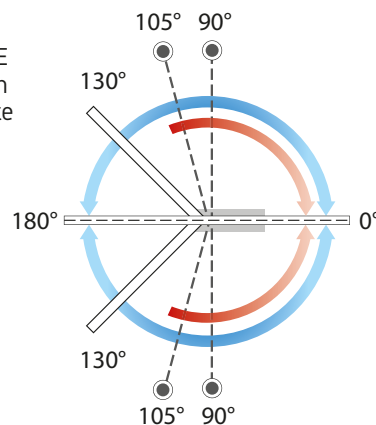
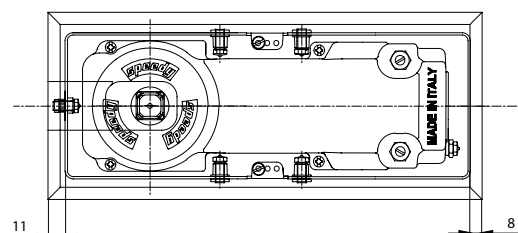
C.57



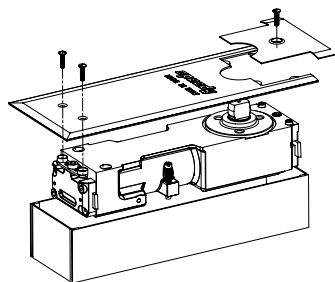
CSM



● FERMO COSTANTE
Costant hold-open
Retención constante



EN 1154 - 3
EN 1154 - 2
EN 1154 - 1
MAX 160 KG
750
750-1000
950-1150



Finiture Standard
Standard finishes
Acabados estándar

611

800

Finiture su richiesta
Finishes upon request
Acabados bajo pedido

613

614

615

620

700

712

812



Fissaggio ultra-rapido ed efficace
della cassetta a cementare
Quick and effective fixing
in the cement case
Fijación ultra rápida y eficaz
de la caja a cementar



Larghezza max dell'anta
Max door width
Ancho máximo de la puerta

75 ÷ 110 cm
29 17/32 ÷ 43 5/16"



Peso max
Door weight
Peso máximo

120 kg
264,55



Peso della confezione
Packaging weight
Peso de la confección

4,3 kg
9,47 Lbs



Dimensioni della cassetta
a cementare
Dim. of cement case
Dim. de la caja a cementar

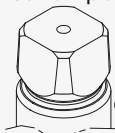
80x270x56 mm
3 5/32"x10 5/8"x2 13/64"

Larghezza massima porta Maximum door width Ancho máximo de la puerta	Esterni Exterior Externos	Interni Interior Internos
Forza gialla Yellow Strength Fuerza amarilla	75 cm 29 17/32"	85 cm 33 15/32"
Forza rossa Red Strength Fuerza roja	100 cm 39 3/8"	110 cm 43 5/16"

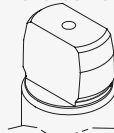
A richiesta | Upon request | Bajo pedido

- ✓ Versione con teste di perno intercambiabili
Version with interchangeable spindle head upon request
Disponible con pernio intercambiabile
- ✓ Versione con perno prolungato
Version with extended spindle
Se puede elevar el pernio

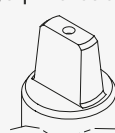
Calibri perni | Spindle caliber gauge | Indicadores de los pernios



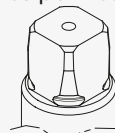
C.51



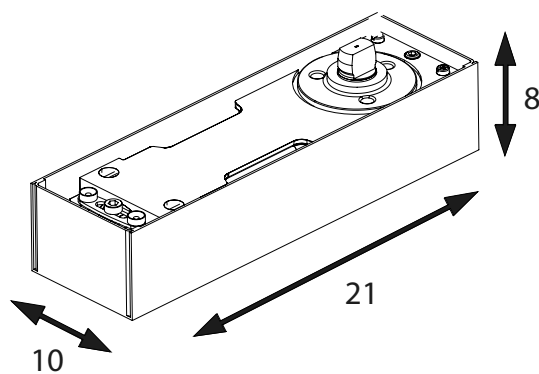
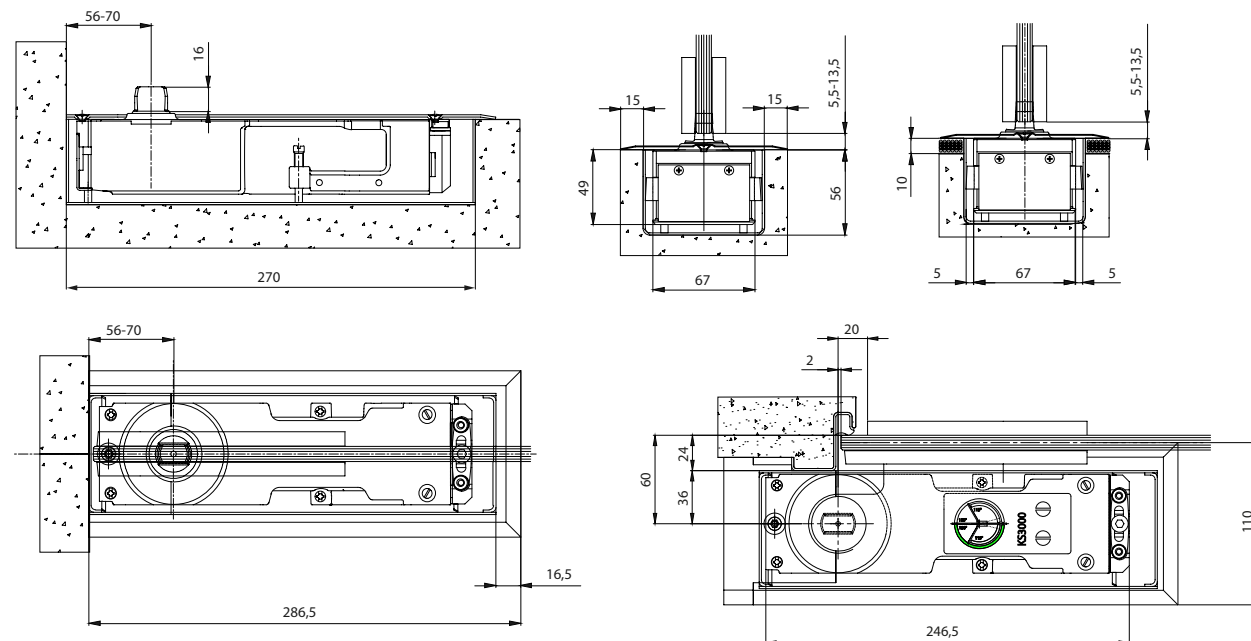
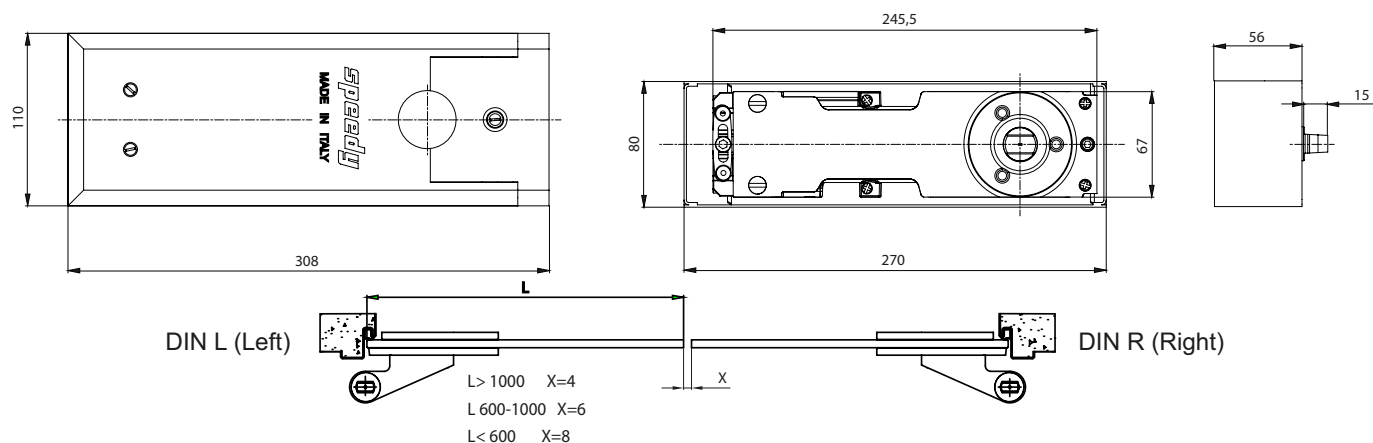
C.53



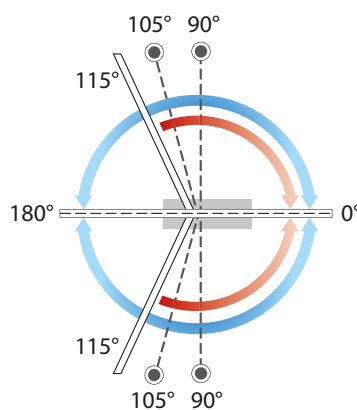
C.56

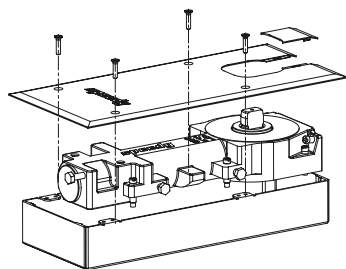


C.57



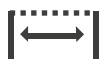
● FERMO COSTANTE
Costant hold-open
Retención constante





Finiture Standard
Standard finishes
Acabados estándar

800



Larghezza max dell'anta
Max door width
Ancho máximo de la puerta

85 ÷ 95 cm
33 15/32" ÷ 37 13/32"



Peso max
Door weight
Peso máximo

100 kg
220,46 Lbs



Peso della confezione
Packaging weight
Peso de la confección

5 kg
11,02 Lbs

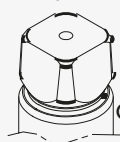


Dimensioni della cassetta
a cementare
Dim. of cement case
Dim. de la caja a cementar

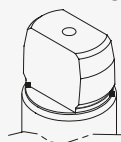
110x280x43 mm
42 1/64" x 110 15/64" x 1 11/16"

Larghezza massima por ta Maximum door width Ancho maximo de la puerta	Esterni Exterior Externos	Interni Interior Internos
Forza rossa Red Strength Fuerza roja	85 cm 33 15/32"	95 cm 37 13/32"

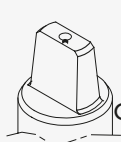
Calibri perni | Spindle caliber gauge | Indicadores de los pernios



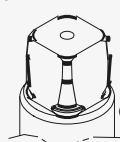
C.51



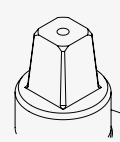
C.53



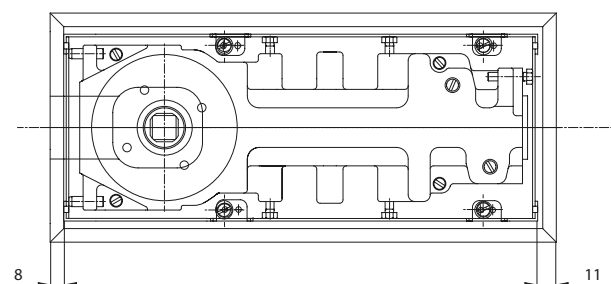
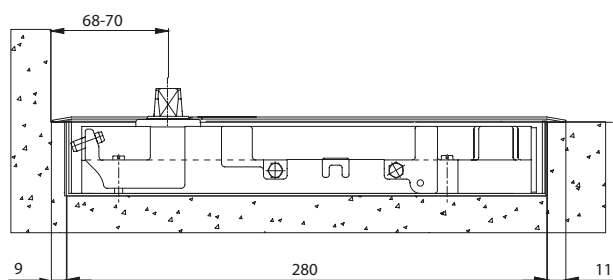
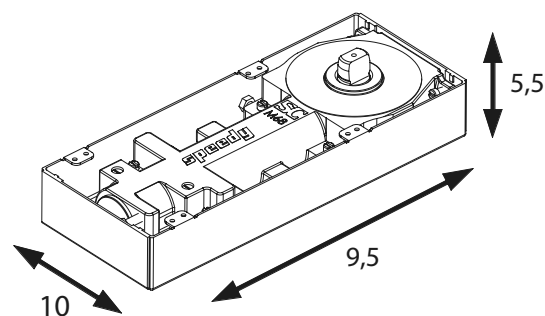
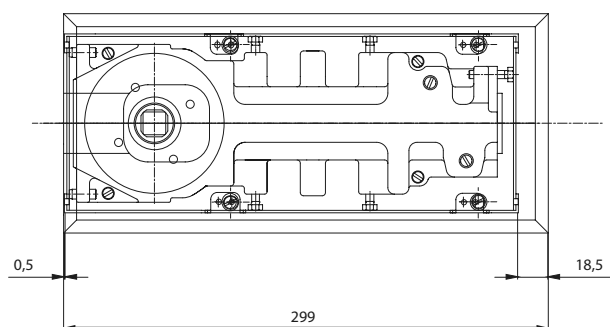
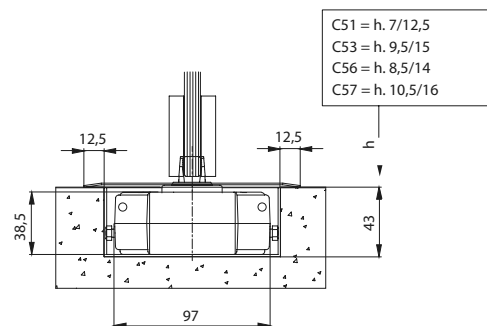
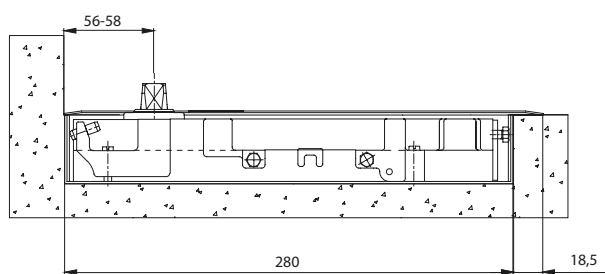
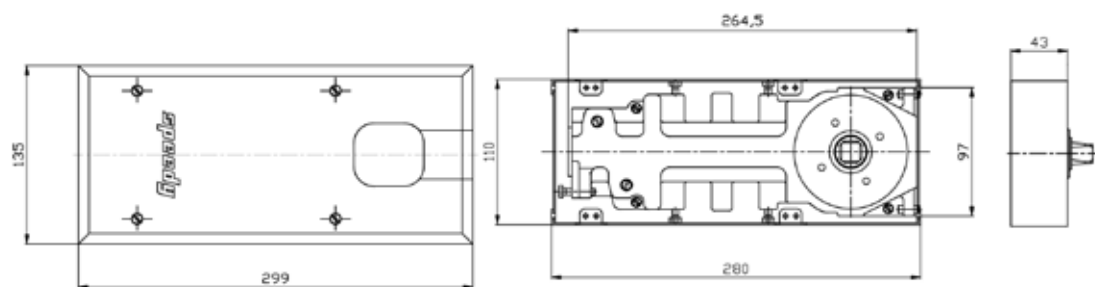
C.56



C.57

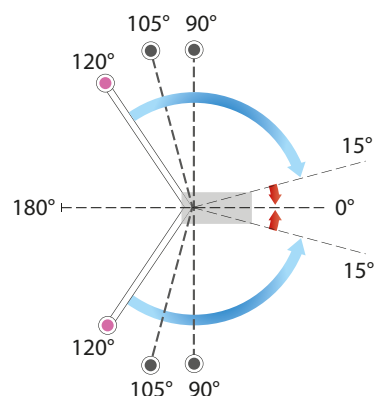


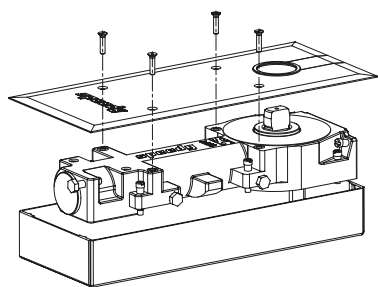
CSM



● FERMO COSTANTE
Costant hold-open
Retención constante

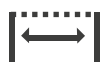
● BACK-STOP A 120°
BACK-STOP 120°
BACK-STOP A 120°





Finiture Standard
Standard finishes
Acabados estándar

800



Larghezza max dell'anta
Max door width
Ancho máximo de la puerta

75 ÷ 85 cm
29 17/32" ÷ 33 15/32"



Peso max
Door weight
Peso máximo

100 kg
220,46 Lbs



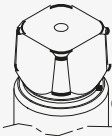
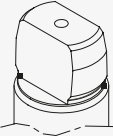
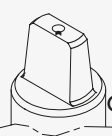
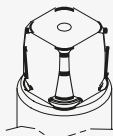
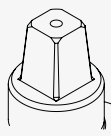
Peso della confezione
Packaging weight
Peso de la confección

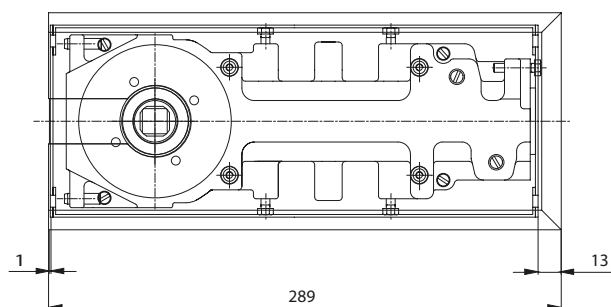
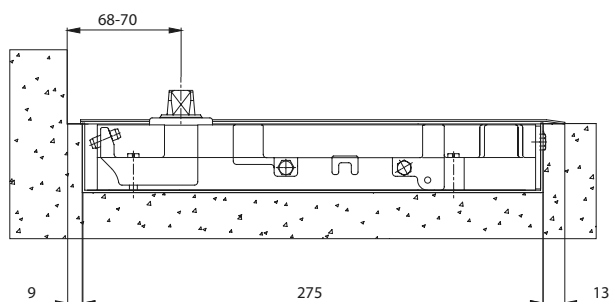
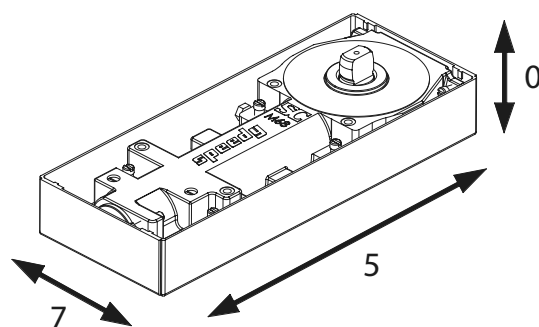
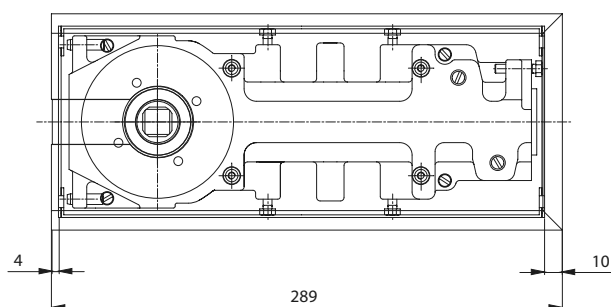
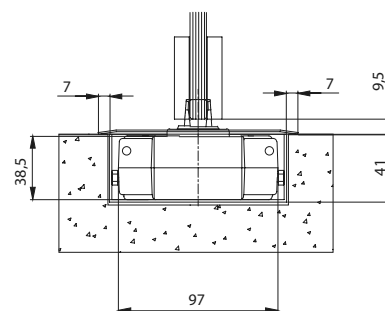
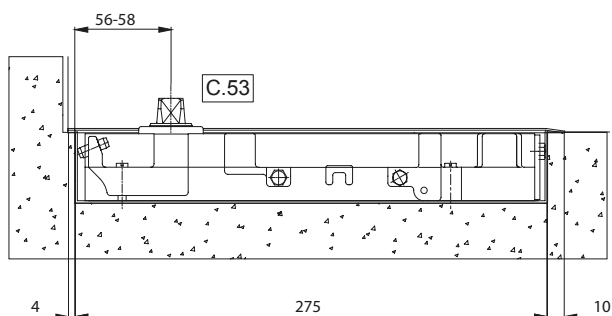
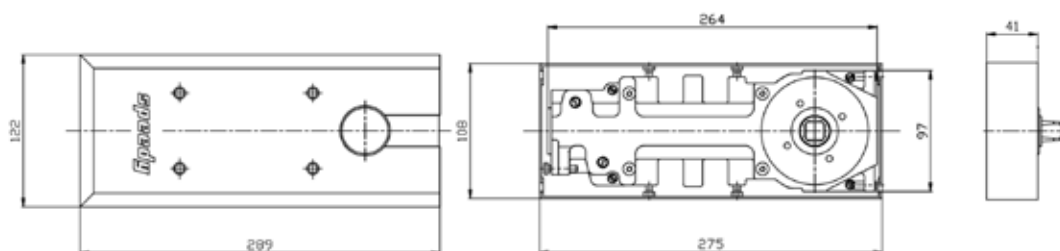
5 kg
11,02 Lbs



Dimensioni della cassetta
a cementare
Dim. of cement case
Dim. de la caja a cementar

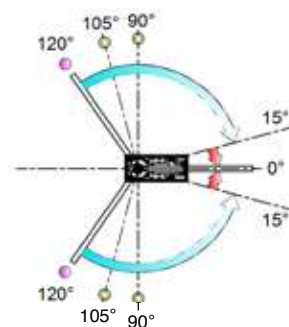
108x275x41 mm
3 15/16" x 10 53/64" x 1 39/64"

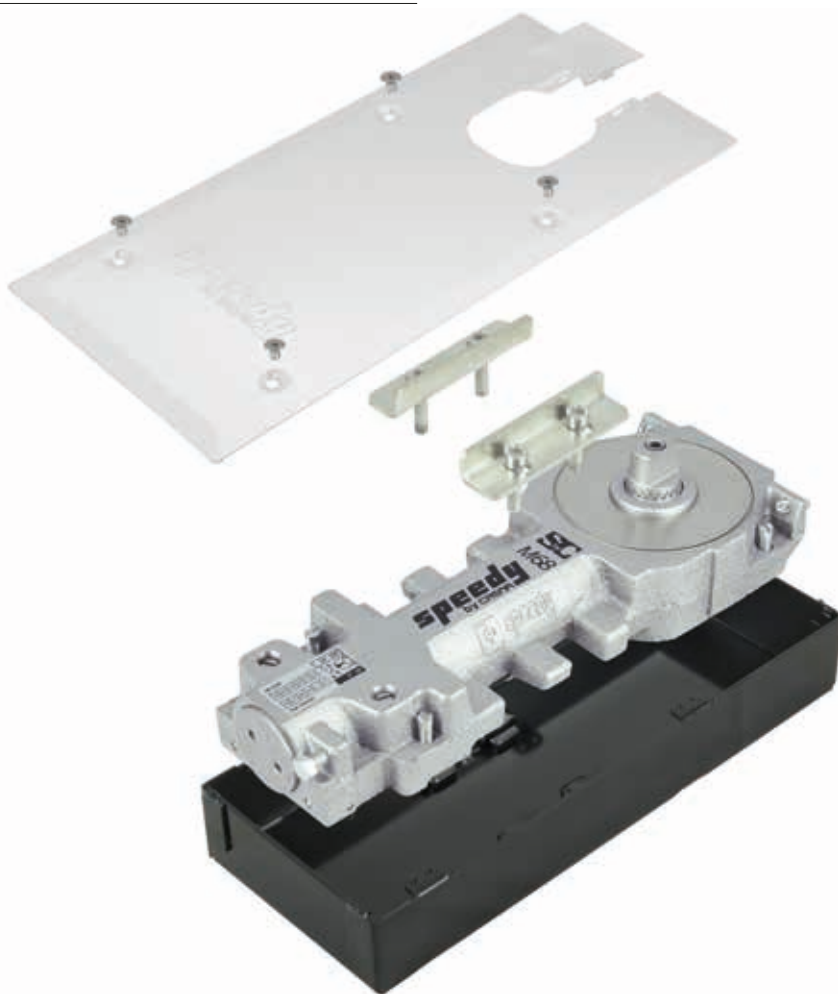
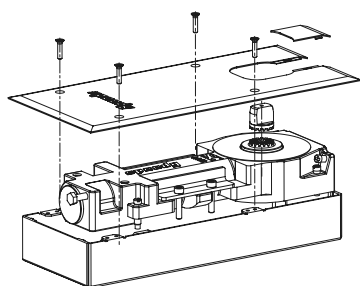
Larghezza massima porta Maximum door width Ancho máximo de la puerta	Esterni Exterior Externos	Interni Interior Internos
Forza rossa Red Strength Fuerza roja	85 cm 33 15/32"	95 cm 37 13/32"
Calibri perni Spindle caliber gauge Indicadores de los pernios		
 C.51  C.53  C.56  C.57  CSM		



 Fermo costante
Costant hold-open
Retención constante

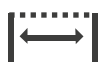
 Back-stop a 120°
Back-stop 120°
Back-stop a 120 grados





Finiture Standard
Standard finishes
Acabados estándar

800



Larghezza max dell'anta
Max door width
Ancho máximo de la puerta

85 ÷ 95 cm
33 15/32" ÷ 37 13/32"



Peso max
Door weight
Peso máximo

100 kg
220,46 Lbs



Peso della confezione
Packaging weight
Peso de la confección

5 kg
11,02 Lbs

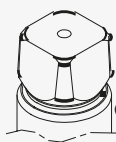


Dimensioni della cassetta
a cementare
Dim. of cement case
Dim. de la caja a cementar

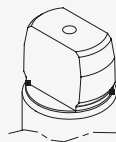
110x280x43 mm
42 1/64" x 110 15/64" x 1 11/16"

Larghezza massima porta Maximum door width Ancho máximo de la puerta	Esterni Exterior Externos	Interni Interior Internos
Forza rossa Red Strength Fuerza roja	85 cm 33 15/32"	95 cm 37 13/32"

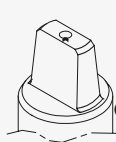
Calibri perni | Spindle caliber gauge | Indicadores de los pernios



C.51



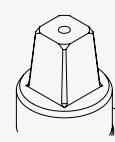
C.53



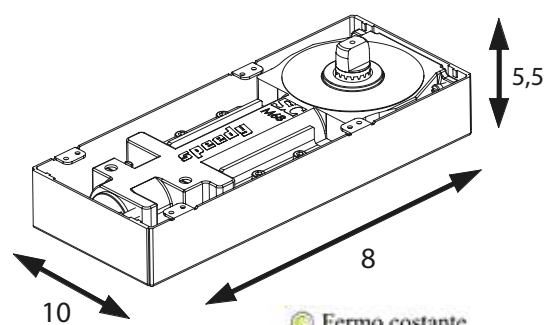
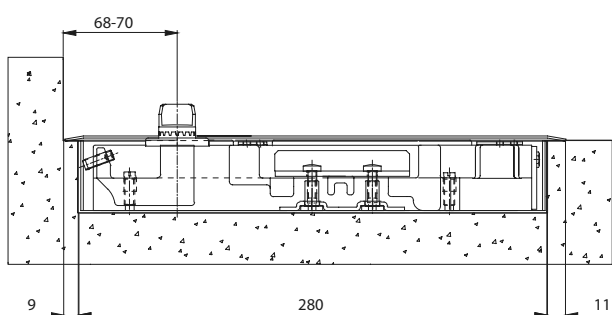
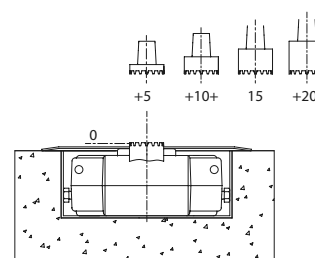
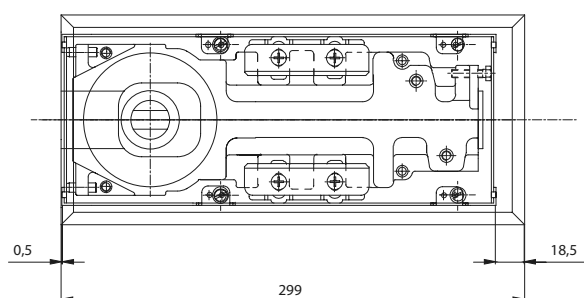
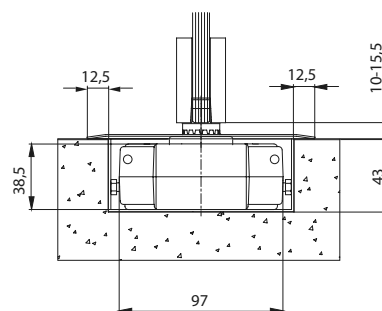
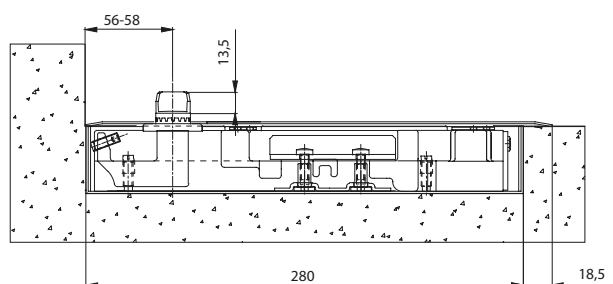
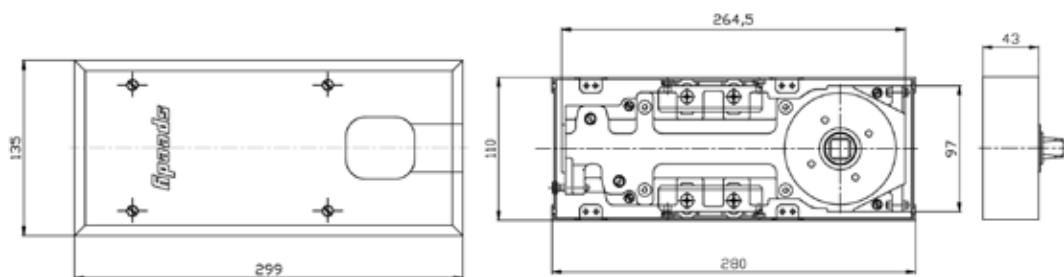
C.56



C.57

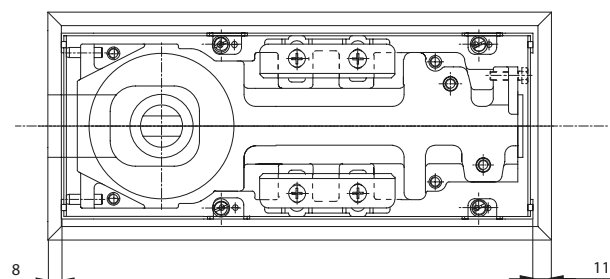
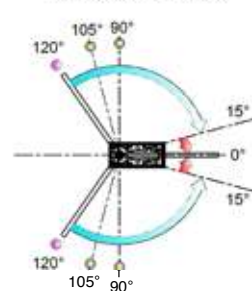


CSM



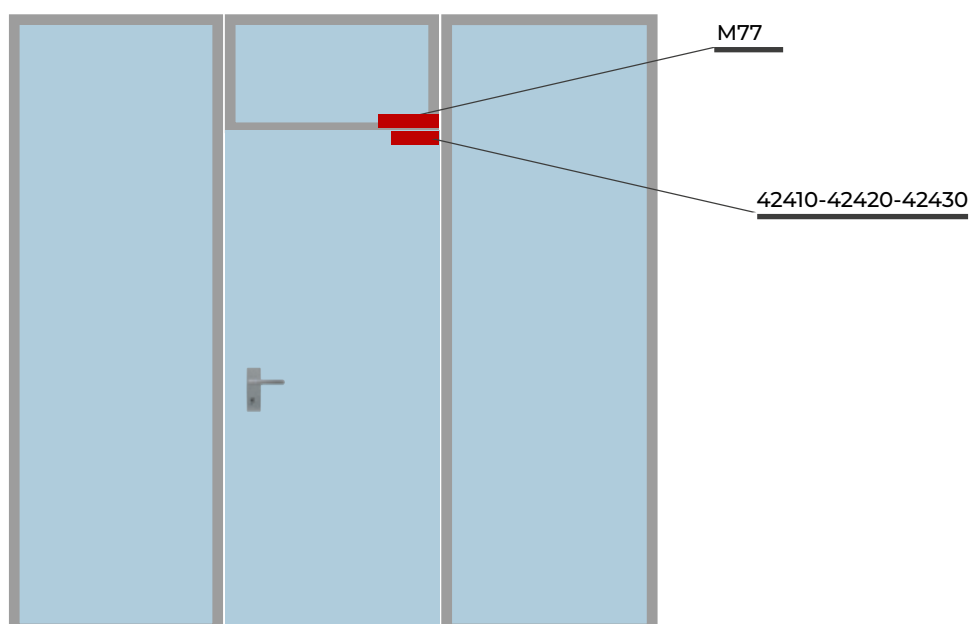
 **Fermo costante**
Constant hold-open
Retención constante

 **Back-stop a 120°**
Back-stop 120°
Back-stop a 120 grados

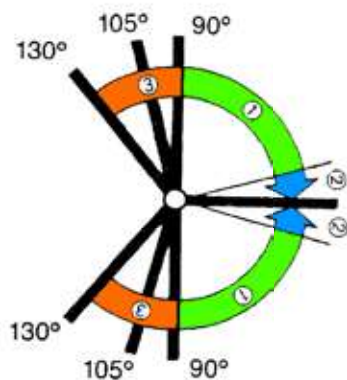




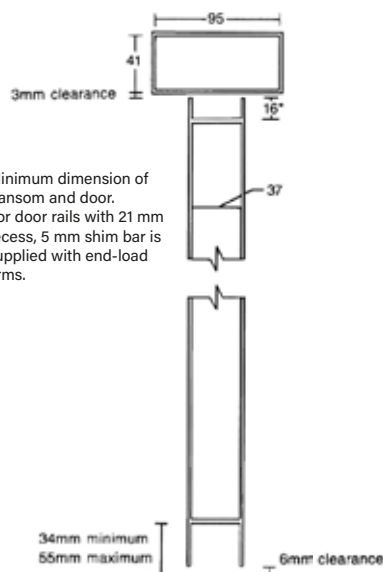

 Larghezza max dell'anta
 Max door width
 Ancho máximo de la puerta
 1000 mm
 39-3/8"



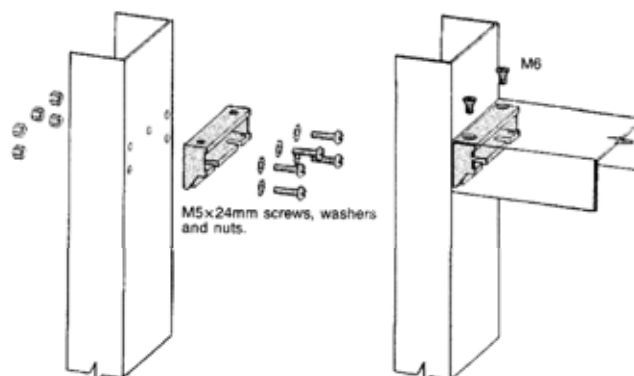
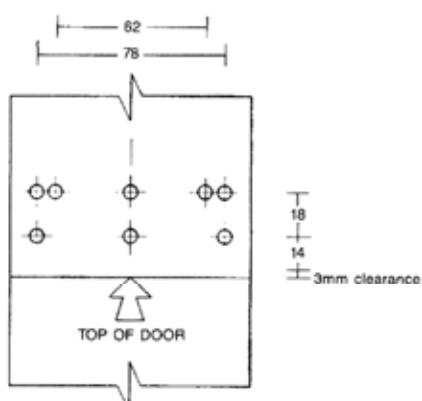
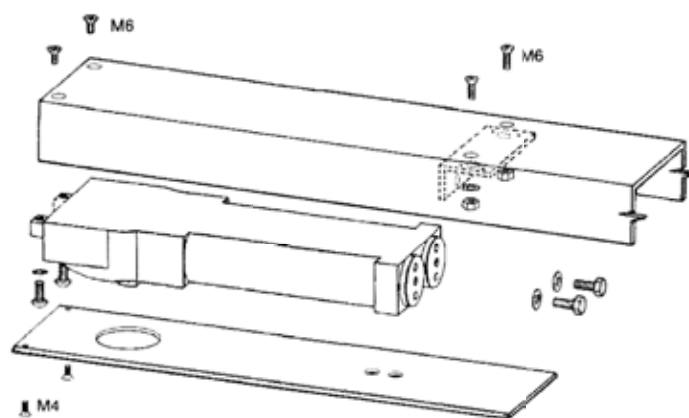
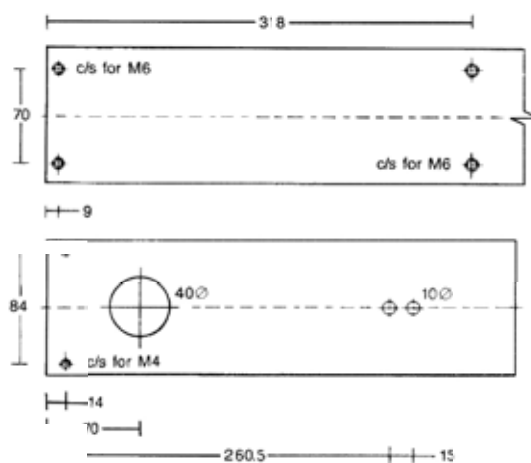
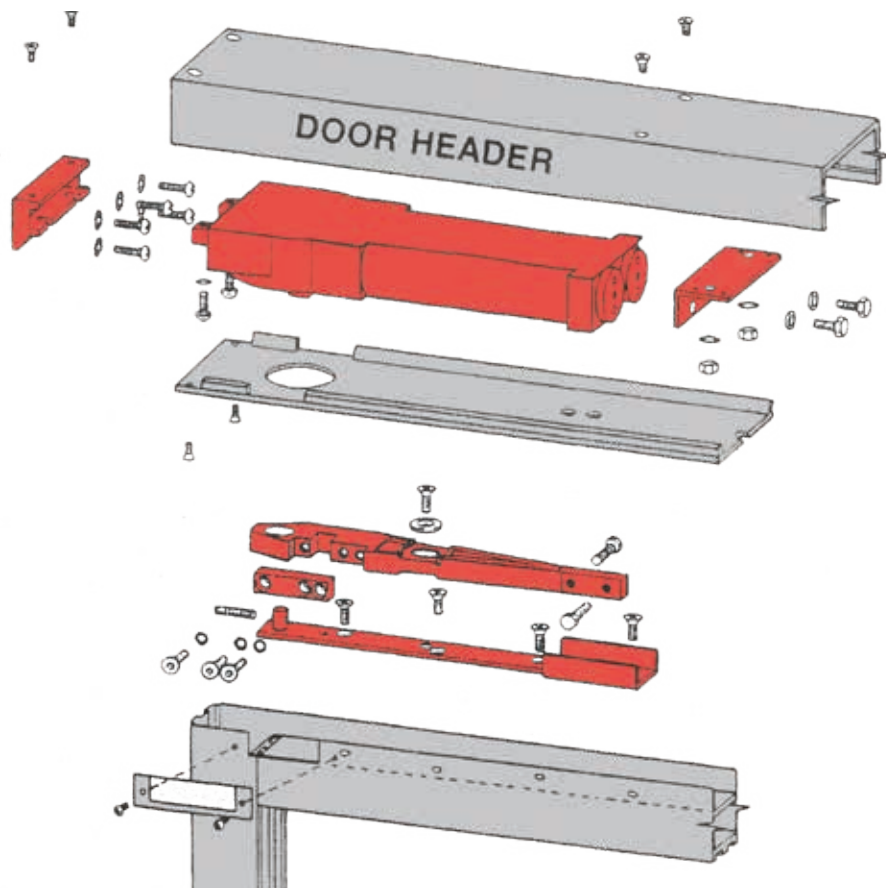
SPEED ADJUSTMENT



- ① CLOSING RANGE
- ② LATCHING RANGE
- ③ BACKCHECK ZONE



Minimum dimension of transom and door.
For door rails with 21 mm recess, 5 mm shim bar is supplied with end-load arms.



Select fixing holes most suitable for section and drill clearance size for M5 screws.

42410

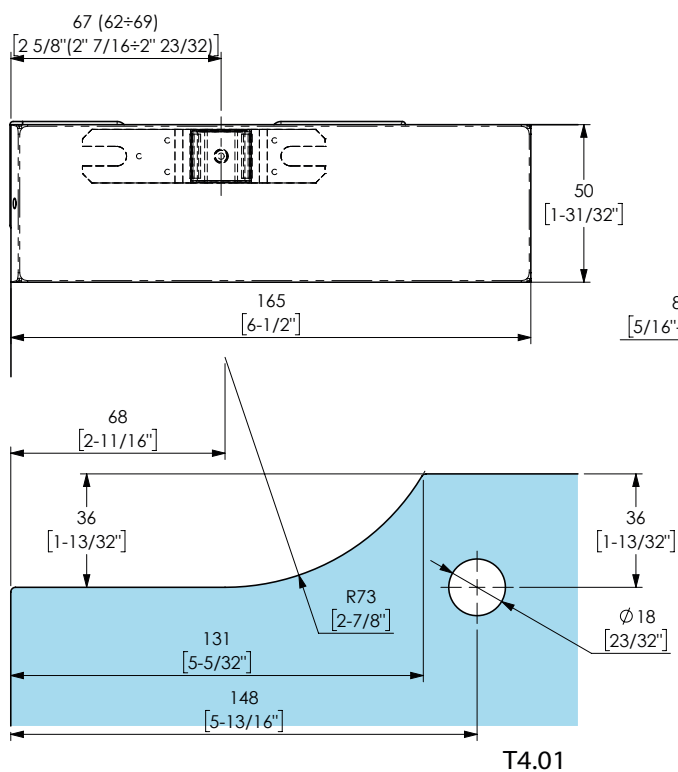
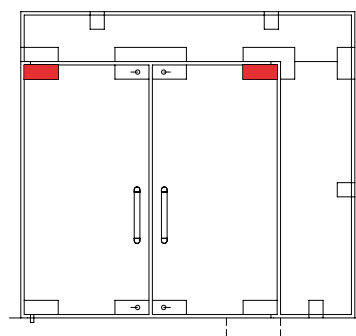
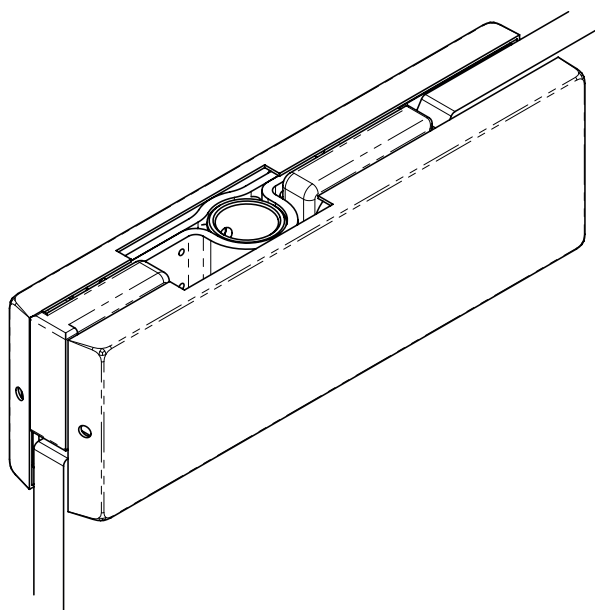
Cerniera superiore con predisposizione per chiudiporta RTS
Upper hinge for overhead concealed closer
Bisagra superior para cierrapuerta RTS

speedy



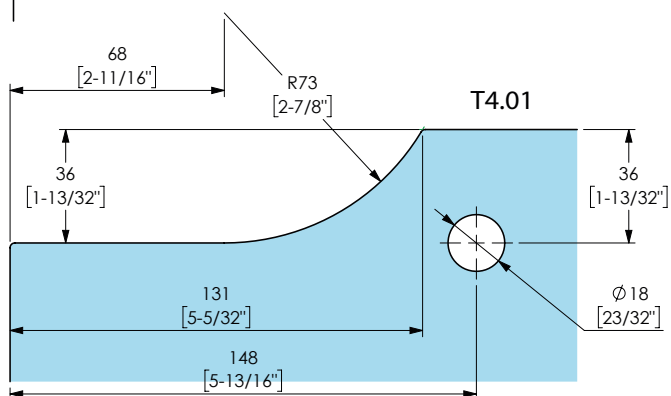
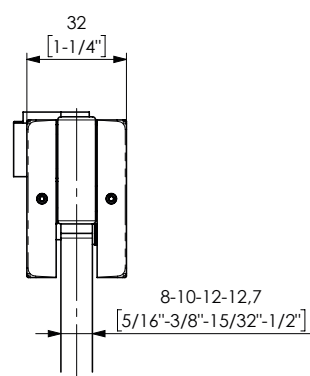
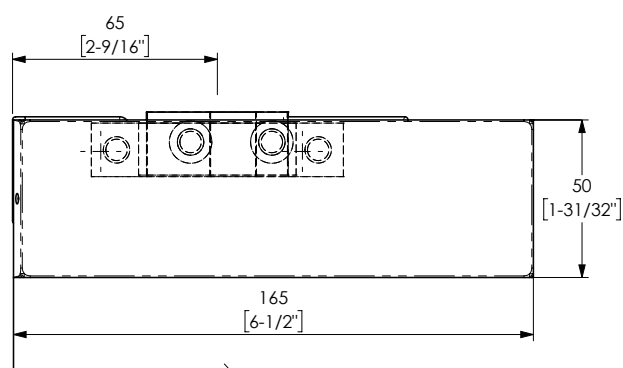
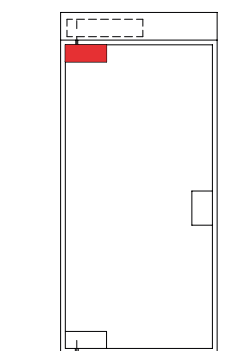
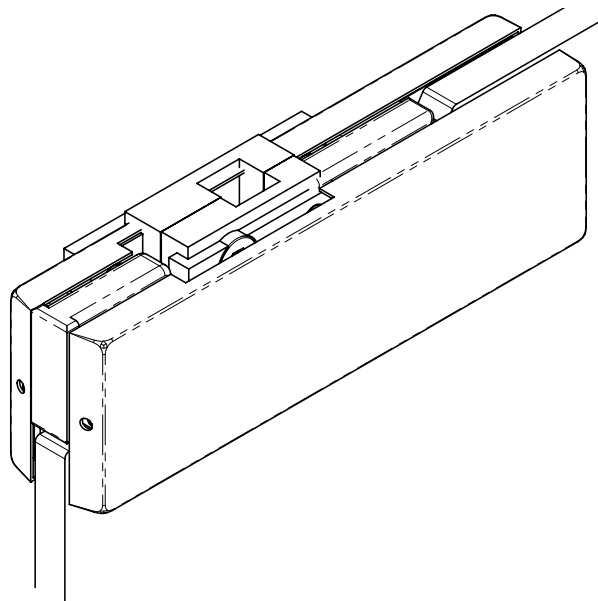
Opzionale | Optional | Opcional

Non incluso in M77
Not included in M77
No incluido en M77



T4.01

! Opzionale | Optional | Opcional
Non incluso in M77
Not included in M77
No incluido en M77



42410

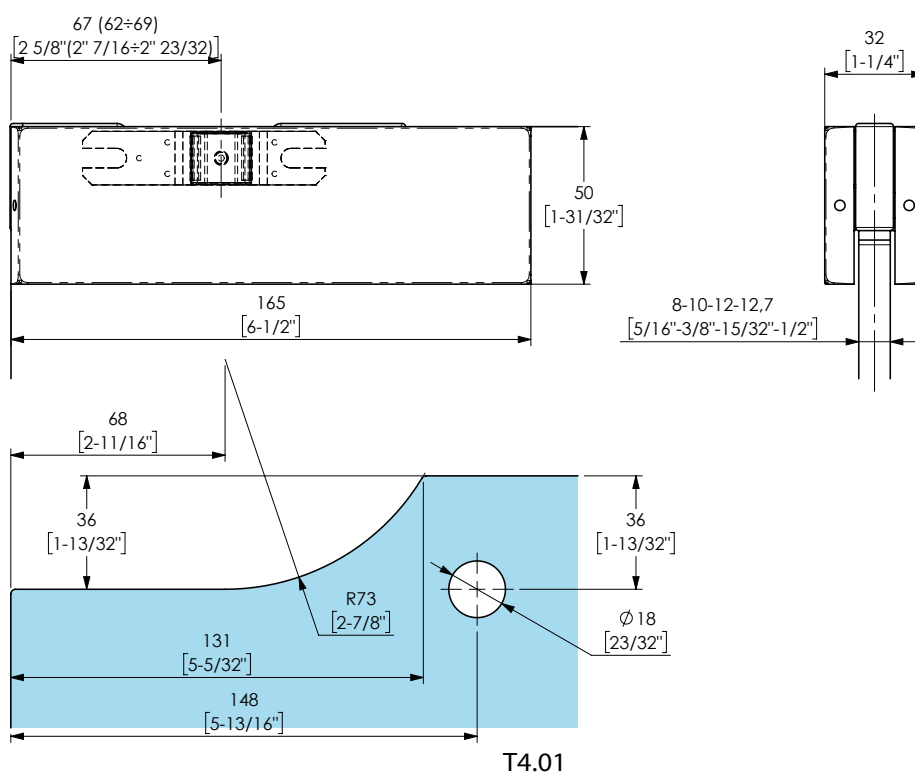
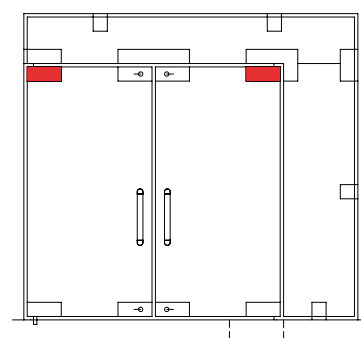
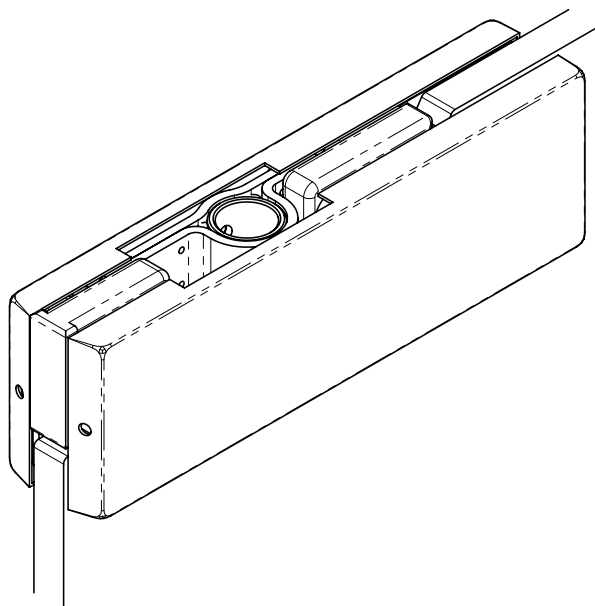
Cerniera superiore con predisposizione per chiudiporta RTS
Upper hinge for overhead concealed closer
Bisagra superior para cierrapuerta RTS

speedy

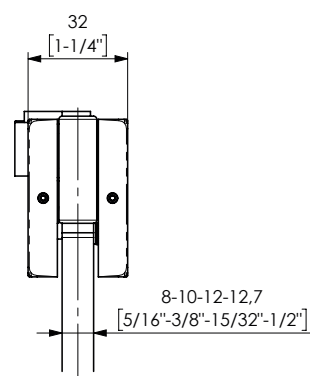
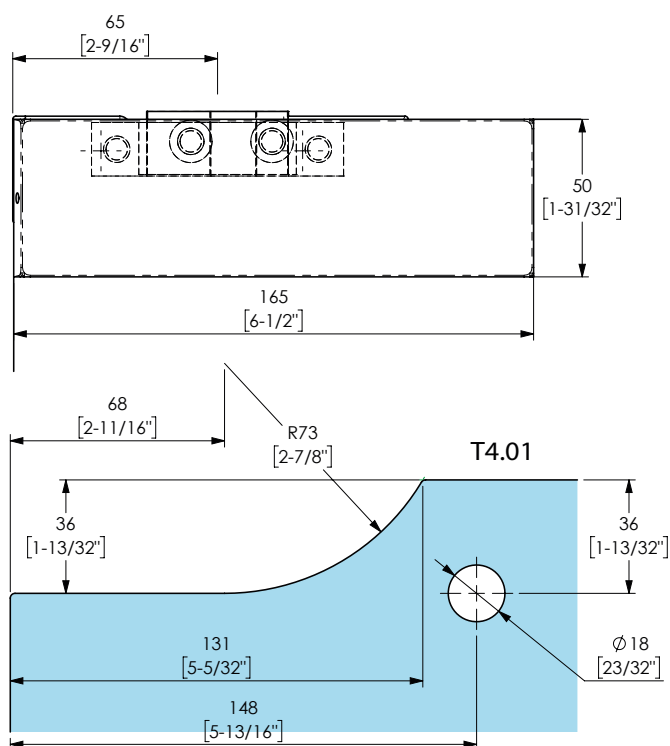
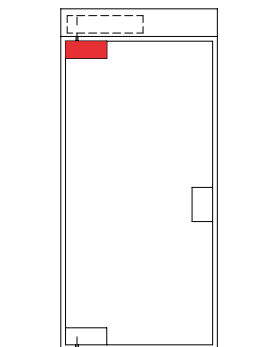
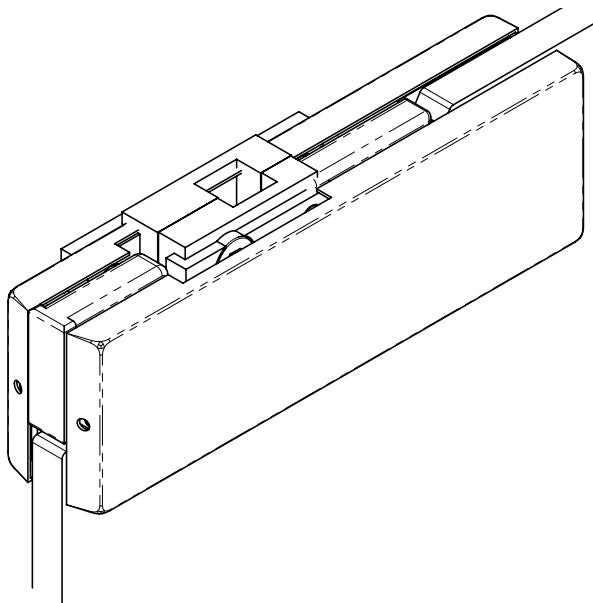


Opzionale | Optional | Opcional

Non incluso in M77
Not included in M77
No incluido en M77



! Opzionale | Optional | Opcional
Non incluso in M77
Not included in M77
No incluido en M77



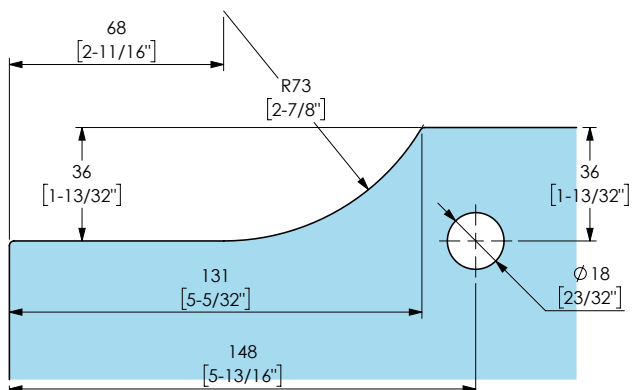
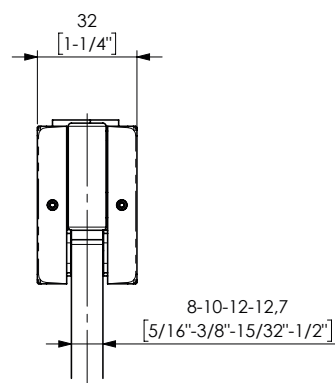
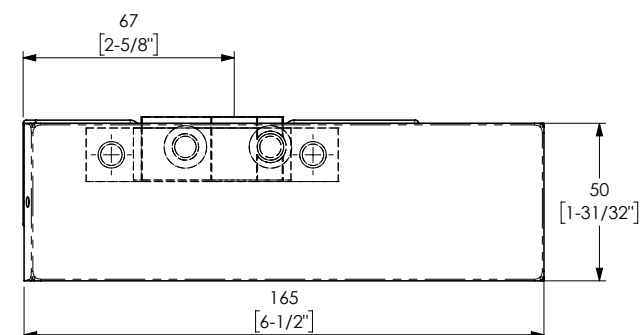
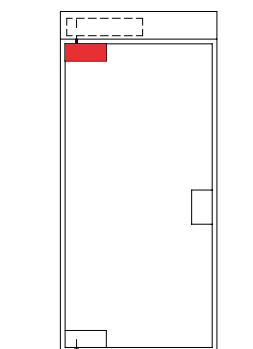
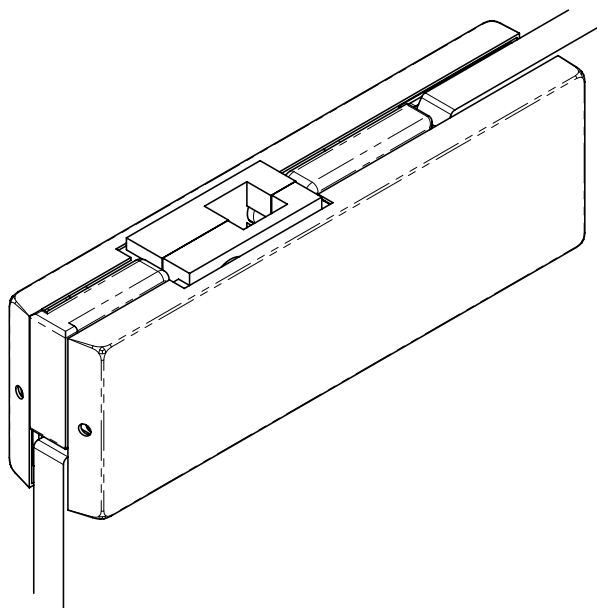
42430

Cerniera superiore con predisposizione per chiudiporta RTS
Upper hinge for overhead concealed closer
Bisagra superior para cierrapuerta RTS

speedy

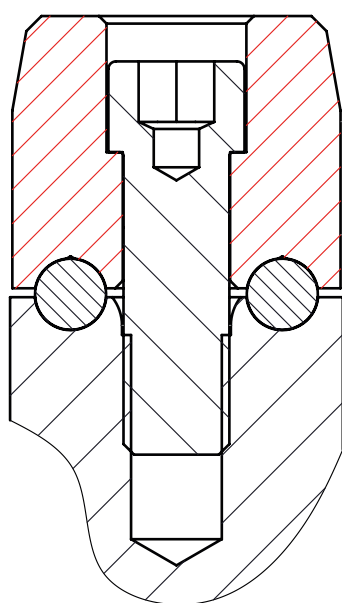


Opzionale | Optional | Opcional
Non incluso in M77
Not included in M77
No incluido en M77

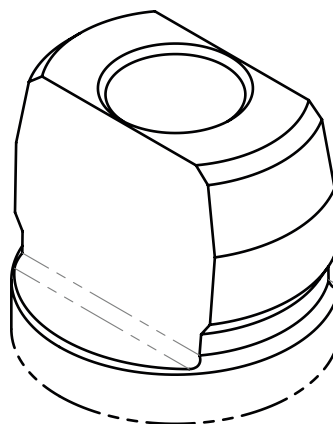


Teste di perno intercambiabili

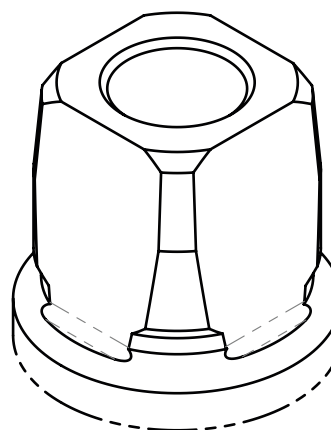
Interchangeable spindle heads | Pernios intercambiables



C.53



C.57



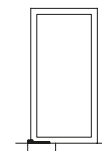
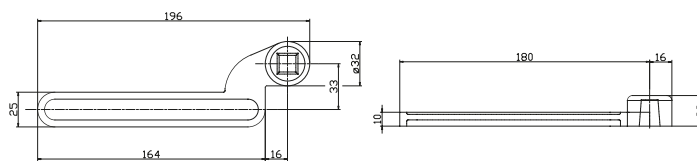
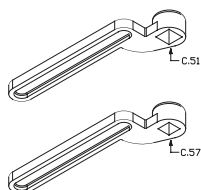
Lunghezza prolunga
Extension lenght
Longitud extensión

mm	inch
2,5	3/32
5	13/64
8	5/16
10	25/64
12	15/32
15	19/32
20	25/32
25	63/64
30	1" 3/16

Accessori

Accessories | Accesorios

30101



Peso max della porta

Max door weight

Peso máximo de la puerta

100 Kg

Larghezza max della porta

Max door width

Ancho máximo de la puerta

1100 mm

Calibri disponibili

Available spindles

Levas disponibles

51-57

Peso medio

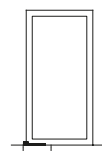
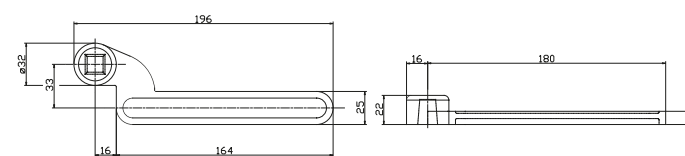
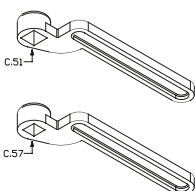
Average item weight

Peso medio del artículo

0,35 Kg

Note / Notes / Notas: Corpo in ottone, disponibile in finiture ottone grezzo o cromato. Utilizzare con 30200 / Body in brass, rough or chrome plated brass finishes available. Use with 30200/ Cuerpo en latón, disponible en acabados latón bruto o cromado. Acoplar con 30200.

30102



Peso max della porta

Max door weight

Peso máximo de la puerta

100 Kg

Larghezza max della porta

Max door width

Ancho máximo de la puerta

1100 mm

Calibri disponibili

Available spindles

Levas disponibles

51-57

Peso medio

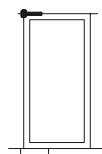
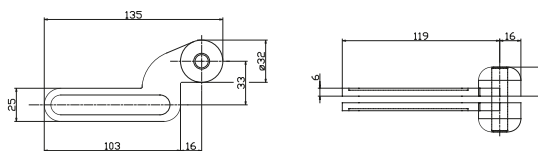
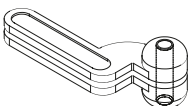
Average item weight

Peso medio del artículo

0,35 Kg

Note / Notes / Notas: Corpo in ottone, disponibile in finiture ottone grezzo o cromato. Utilizzare con 30200 / Body in brass, rough or chrome plated brass finishes available. Use with 30200/ Cuerpo en latón, disponible en acabados latón bruto o cromado. Acoplar con 30200.

30200



Peso max della porta

Max door weight

Peso máximo de la puerta

100 Kg

Larghezza max della porta

Max door width

Ancho máximo de la puerta

1100 mm

Calibri disponibili

Available spindles

Levas disponibles

Peso medio

Average item weight

Peso medio del artículo

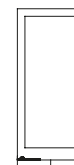
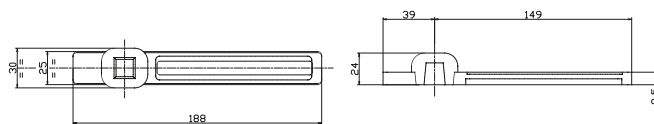
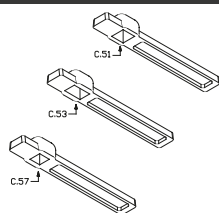
0,57 Kg

Note / Notes / Notas: Corpo in ottone, disponibile in finiture ottone grezzo o cromato. Utilizzare con 30101 o 30102 / Body in brass, rough or chrome plated brass finishes available. Use with 30101 or 30102/ Cuerpo en latón, disponible en acabados latón bruto o cromado. Acoplar con 30101 o 30102

Accessori

Accessories | Accesorios

30610



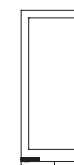
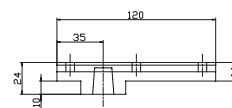
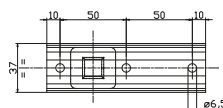
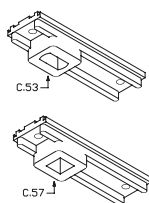
Peso max della porta Max door weight Peso máximo de la puerta	100 Kg	Larghezza max della porta Max door width Ancho máximo de la puerta	1100 mm
Calibri disponibili Available spindles Levas disponibles	51-53-57	Peso medio Average item weight Peso medio del artículo	0,31 Kg

Note / Notes / Notas:

plated brass finishes available. Use with 32400/ Cuerpo en latón, disponible en acabados latón bruto o cromado. Acoplar con 32400

Body in brass, rough or chrome

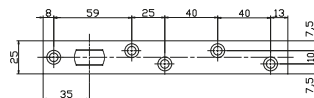
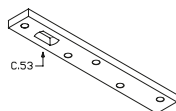
30800



Peso max della porta Max door weight Peso máximo de la puerta	100 Kg	Larghezza max della porta Max door width Ancho máximo de la puerta	1100 mm
Calibri disponibili Available spindles Levas disponibles	53-57	Peso medio Average item weight Peso medio del artículo	0,12 Kg

Note / Notes / Notas: Corpo in alluminio, disponibile in finitura verniciato nero. Utilizzare con 32400 / Body in aluminium, black painted finishes available. Use with 32400/ Cuerpo en aluminio, disponible en acabado pintado negro. Acoplar con 32400

31000



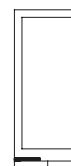
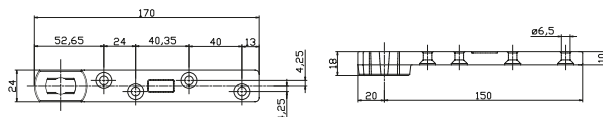
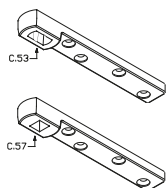
Peso max della porta Max door weight Peso máximo de la puerta	200 Kg	Larghezza max della porta Max door width Ancho máximo de la puerta	1200 mm
Calibri disponibili Available spindles Levas disponibles	53	Peso medio Average item weight Peso medio del artículo	0,31 Kg

Note / Notes / Notas: Corpo in acciaio zincato, disponibile in larghezza lunghezza e foratura a disegno. Utilizzare con 32400 / Body in zinc plated steel. Available also on bespoke length, width, drilling. Use with 32400/ Cuerpo en acero zincado, disponible con ancho, largo y muescas según dibujo. Acoplar con 32400

Accessori

Accessories | Accesorios

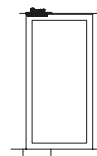
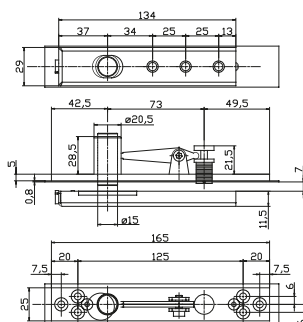
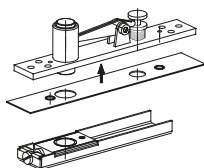
30400



Peso max della porta Max door weight Peso máximo de la puerta	100 Kg	Larghezza max della porta Max door width Ancho máximo de la puerta	1100 mm
Calibri disponibili Available spindles Levas disponibles	53-57	Peso medio Average item weight Peso medio del artículo	0,3 Kg

Note / Notes / Notas: Corpo in acciaio zincato. Utilizzare con 32400 / Body in zinc plated steel. Use with 32400 / Cuerpo en acero zincado. Acoplar con 32400

32400



Peso max della porta Max door weight Peso máximo de la puerta	100 Kg	Larghezza max della porta Max door width Ancho máximo de la puerta	1100 mm
Calibri disponibili Available spindles Levas disponibles		Peso medio Average item weight Peso medio del artículo	0,39 Kg

Note / Notes / Notas: Copertina in acciaio inox satinato / Cover in satin stainless steel / Tapa en acero inoxidable satinado

Certificazioni

Certifications | Certificaciones



PSB g 43606/MPA 1997



ETL ANSI A156.4
Report 4671251960



EN 1154 Test Report



UKAS BS 467 part 22:
1967 TRADA FR 1542B 1991



ETL ANSI A156.4
Report 4671251960



Condizioni generali di vendita

General sales conditions

1 - ORDINI

La trasmissione di un ordine vale quale proposta di contratto. Speedybycasma Srl provvederà a trasmettere conferma d'ordine in caso di accettazione con indicazione dei prezzi, dei termini di consegna e pagamento etc. La conferma d'ordine dovrà essere restituita controfirmata. L'evasione dell'ordine con invio della merce equivale ad accettazione e determina la conclusione del contratto anche in assenza di conferma d'ordine.

2 - PREZZI

Il prezzo applicato è quello risultante dal listino prezzi vigente alla data dell'ordine. I prezzi si intendono al netto dell'Iva, franco stabilimento. Speedybycasma Srl può variare a propria discrezione il listino, senza alcun particolare obbligo di informazione.

I prodotti in catalogo senza indicazione del prezzo sono da considerarsi prodotti speciali per i quali il prezzo deve essere di volta in volta concordato con la parte venditrice. Lo stesso vale per i prodotti fuori catalogo realizzati su precisa indicazione dell'acquirente per far fronte a sue specifiche esigenze.

3 - CONSEGNA

La consegna avviene franco fabbrica.

L'accettazione del materiale senza riserve al momento della consegna non darà diritto ad alcuna sostituzione o risarcimento. In assenza di precise indicazioni dell'acquirente la merce verrà inviata al destinatario con un vettore scelto dalla venditrice. Le spese di trasporto, assicurazione ed ogni altro onere relativo all'invio della merce è a carico dell'acquirente. Il rischio relativo alla merce passa in capo al cliente nel momento della consegna della merce al vettore.

I termini di consegna hanno valore indicativo, riflettendo condizioni normali di produzione suscettibili di variazione in fase di produzione della merce. I termini concordati in ogni caso decorrono dalla data della conferma d'ordine trasmessa da Speedybycasma Srl. Nel caso in cui sia previsto il versamento di un acconto, i termini di consegna decorrono dal momento della ricezione di tale importo da parte del venditore.

I ritardi nelle consegne, da qualsiasi causa dipendenti non danno diritto al risarcimento di danno alcuno. Ove il trasporto debba essere effettuato da vettore designato dal compratore, la merce dovrà essere ritirata presso i magazzini entro 15 gg, dalla data di comunicazione di merce pronta.

In difetto, Speedybycasma Srl potrà ritenere risolto il contratto non pregiudicando il diritto alla richiesta di risarcimento dei danni.

4 - MODALITA' DI PAGAMENTO

Il pagamento dovrà essere effettuato alle scadenze concordate ed indicate nella conferma d'ordine e nella successiva fattura. Speedybycasma Srl ha facoltà di chiedere il versamento di un acconto all'ordine. Qualora l'ordine venga annullato o la merce non venga ritirata, o ritirata solo in parte, la somma versata quale acconto verrà trattenuta dalla Speedybycasma Srl quale penale ex art.1382 c.c., fatto salvo il diritto alla richiesta di risarcimento di ulteriori danni.

Il ritardo nel pagamento rispetto alla scadenza pattuita determina automaticamente l'applicazione di un interesse di mora pari all'interesse legale maggiorato del 2%. In caso di ritardo nel pagamento Speedybycasma Srl potrà sospendere tutti gli ordini da evadere sino al momento del pagamento. I termini per le consegne relative ad ordini sospesi decorreranno dalla data del saldo del debito scaduto, con facoltà per Speedybycasma Srl di rivedere i termini di pagamento concordati all'atto dell'accettazione della proposta.

5 - CONTESTAZIONI E GARANZIA

Speedybycasma Srl garantisce (Direttiva 1999/44/CE), che il prodotto è esente da difetti di fabbricazione, garantisce altresì il corretto funzionamento per la durata di due anni dalla data di acquisto. Al momento dell'arrivo della merce l'acquirente dovrà verificare la regolarità della stessa. Eventuali vizi palesi del prodotto devono essere denunciati per iscritto entro 8 gg dalla consegna a pena di decadenza. Lo stesso termine vale per i vizi occulti con decorrenza dal momento della scoperta. In ogni caso, eventuali contestazioni devono pervenire non oltre un anno dalla consegna. La venditrice, ove il vizio denunciato nei termini di cui sopra, sia effettivamente dovuto a vizio di produzione e non piuttosto al normale deterioramento per uso, negligenza, imperizia o abuso da parte dell'acquirente o dei suoi aventi causa, manomissioni o riparazioni effettuate da personale non autorizzato, caso fortuito o forza maggiore, provvederà gratuitamente a sostituire il prodotto difettoso accollandosi esclusivamente i costi del trasporto dello stesso fino alla sede dell'acquirente-rivenditore. Eventuali costi o danni ulteriori non potranno essere addebitati a Speedybycasma Srl. Speedybycasma Srl garantisce solo ed esclusivamente il prodotto fornito nei suoi componenti e non risponde d'uso improprio, in caso d'installazione e/o montaggio non conformi alle istruzioni date o non eseguite a regola d'arte. L'installatore professionista dovrà quindi tenere conto ed osservare scrupolosamente quanto specificato nelle schede tecniche e nelle istruzioni di montaggio, avendo cura di rispettare gli spessori vetro specificati e di effettuare una corretta esecuzione delle tacche e dei fori nel vetro, secondo le norme vigenti. Dovrà essere a cura dell'acquirente/installatore la verifica dell'integrità del prodotto e della sua conformità. In caso di difetti constatati dovranno essere comunicati per iscritto al rivenditore.

6 - FORO COMPETENTE

Per le controversie relative a validità, interpretazione, esecuzione e risoluzione del presente accordo competente esclusivamente il Foro di Milano.

7 - MINIMO FATTURABILE

I nostri prezzi sono in Euro. Ordini inferiori a €200,00 verranno fatturati a €200,00.

8 - IMBALLI

Fino ad un valore d'ordine netto di €2500,00 il costo dell'imballo verrà calcolato al costo in questi termini:

Costi degli imballi standard:
Scatole di cartone F4 EUR 3,00
Scatole di cartone F7 EUR 4,00
Scatole di cartone F20 EUR 20,00
Scatole di cartone F25 EUR 22,00
Scatole di cartone F30 EUR 25,00
Tubi di cartone diametro esterno 10cm EUR 17,00
Tubi di cartone diametro esterno 30cm EUR 20,00
Casse di legno fino ad una lunghezza di 1,50 m EUR 60,00
Casse di legno fino ad una lunghezza 3,00 m EUR 85,00
Casse di legno fino ad una lunghezza 4,50 m EUR 95,00
Casse di legno fino ad una lunghezza 6,50 m EUR 125,00

1 - ORDERS

The transmission of an order amounts to a contract proposal. Speedybycasma Srl will transmit its confirmation of order in case of acceptance, indicating the terms of delivery, prices, payment terms, etc. The order confirmation must be signed by the client and returned. Supply of the ordered goods amount to acceptance and stipulation of the contract even in the absence of the order confirmation.

2 - PRICES

The price applied is the price resulting from the price list in force as of the date of the order. Prices are net of VAT, delivered ex-works from the plant. Speedybycasma Srl may modify its price list at its complete discretion, without any obligation to communicate and advertise the changes. The products in the catalogue without any price indication are to be considered special products. Their prices will be calculated case by case. This also applies to products that do not appear in the catalogue, produced onto purchaser requirements base.

3 - DELIVERY

Deliveries are made ex-works. Speedybycasma will not be liable for any claim for replacement if the goods are received from the carrier without any reserve in writings. In the absence of any specific instructions from the purchaser, the goods will be shipped to their destination.

By a carrier selected by the seller. Freight, insurance, and any other expenses relative to shipment of the goods will be added to the invoice. The risks relative to the goods are transferred to the client at the time of delivery of the goods to the carrier. Delivery dates are indicative, reflecting normal production conditions susceptible to variation during

production of the goods. The terms agreed in any case start from the date of the confirmation of order transmitted by Speedybycasma Srl. If any amount has to be paid as a deposit, the terms of delivery start from the time of receipt by the seller of the downpayment. Delays in delivery, whatever the cause, do not give any right to reimbursement of damages of any kind. If shipment is to be made by a carrier indicated by the buyer, the goods

must be collected from within 15 days from the date of notice that the goods are ready. Failing this, Speedybycasma Srl may consider the contract cancelled, without any rights to reimbursement of the damages.

4 - PAYMENT TERMS

Payment must be made at the time agreed and indicated in the order confirmation. Speedybycasma Srl has the right to request payment of a deposit. If the order is cancelled or the goods are not collected or are collected only in part, the deposit will be withheld by Speedybycasma as a penalty as per art.1382 c.c. while the company retains the right to request reimbursement of additional damages. Delay in payment with respect to the agreed terms will automatically result in the application of interest charges at the legal rate plus 2%. In case of delayed payment Speedybycasma Srl may also suspend all orders to be fulfilled until all due payments will be settled. The terms of deliveries relative to suspended orders shall start from the date of settlement of the payments. Speedybycasma Srl in case of delayed payments has the right to revise the payment terms agreed upon at the time of acceptance of the order proposal.

5 - COMPLAINTS AND WARRANTY

Speedybycasma Srl guarantees (Directive 1999/44 /CE) that the product is free of manufacturing defects, it also guarantees the correct functionality for a period of two years from the purchase date. Upon arrival of the goods the buyer has to check their conformity. Any apparent faults in the product shall be reported in writings within 8 days from delivery otherwise, the goods will be considered as accepted in full. The same terms apply for invisible flaws, from the time of their discovery. In any case, no claims will be accepted after one year from delivery. If the flaw, duly reported in writings, is effectively due to a production defect and not to a normal deterioration due to use, negligence, carelessness or abuse by the buyer or authorized users, tampering, repairs made by unauthorized parties, accidents or acts of God, the seller will provide to replace the defective product free of charge, as well as accepting the charges for return of the goods to the buyer-retailer. Any other costs or damages shall not be charged to Speedybycasma Srl. Speedybycasma Srl guarantees only and exclusively the product, supplied with its component, and is not liable in case of improper use, of installation and / or mounting not complying with the instruction given, or

not performed properly. The professional installer must therefore take into consideration and scrupulously observe what is specified in the technical sheets and the installing instruction, taking care to respect the specified glass thicknesses and to perform correct glass holes and notches, according to the regulations in force. The purchaser is liable of verification of the integrity of the products and their conformity. Any defects found must be communicated in writings to the dealer.

6 - LEGAL JURISDICTION

For any controversies relative to the validity, interpretation, performance or termination of this agreement the Court of Milan has exclusive legal jurisdiction.

7 - MINIMUM ORDER PER INVOICE

Our prices are declared in EURO. Order less than €200,00 will be invoiced at €200,00.

8 - PACKING

Up to a net order value of €2500,00 we calculate the packing at the cost price, but at least:

Standard Packing costs:
Carton Boxes F4 EUR 3,00
Carton Boxes F7 EUR 4,00
Carton boxes F20 EUR 20,00
Carton boxes F25 EUR 22,00
Carton Boxes F30 EUR 25,00
Carton Tubes OD 10cm EUR 17,00
Carton Tubes OD 30cm EUR 20,00
Wooden boxes with a length of up to 1,50 m EUR 60,00
Wooden boxes with a length of up to 3,00 m EUR 85,00
Wooden boxes with a length of up to 4,50 m EUR 95,00
Wooden boxes with a length of up to 6,50 m EUR 125,00



