



CATALOGO GENERALE

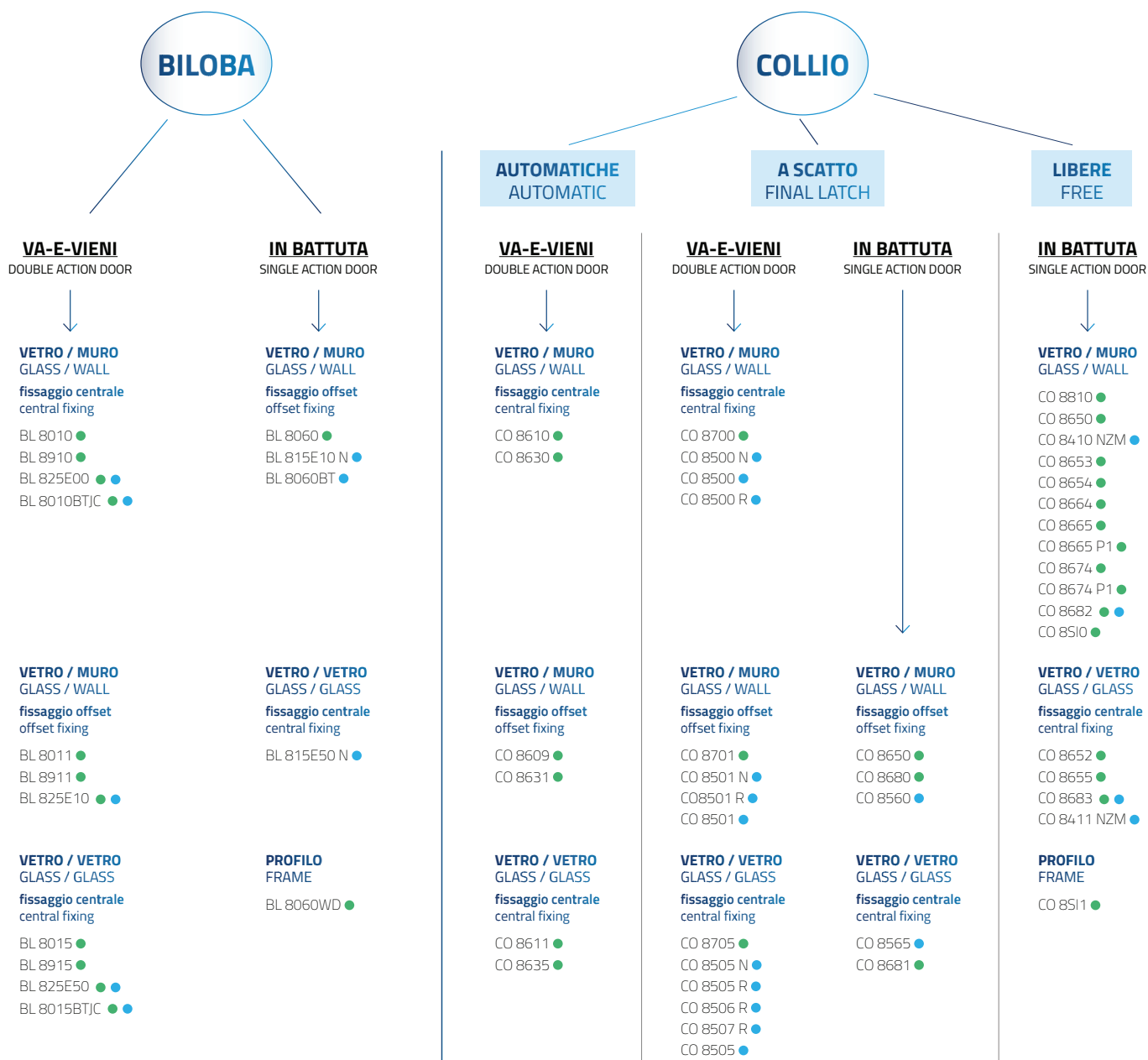
2024

Member of the
**SIMONSWERK
GROUP**

NUOVA STRUTTURA DEI MARCHI delle CERNIERE

NEW BRAND STRUCTURE OF HINGES

CERNIERE LATERALI SCREW-ON HINGES



Cerniere con sistema idraulico di chiusura automatica integrato Hinges with integrated hydraulic automatic closing system

I nostri sistemi di cerniere oleodinamiche sono caratterizzati da un design pulito ed elegante e si contraddistinguono da qualità elevata e funzionale. Facilità di installazione, massime prestazioni e affidabilità sono i punti cardine dei sistemi oleodinamici.

BILOBA - Il sistema di cerniere oleodinamiche laterali per porte in vetro

EVO - Il sistema di cerniere oleodinamiche a snodo esterno per porte

VERTO - Il sistema di cerniere oleodinamiche a pivot per porte

Our hydraulic hinge systems are identified with a clear and elegant design and are characterized by a particularly high and functional quality. Ease of installation, maximum performance and reliability are at the forefront in the development and production of hydraulic hinge systems.

BILOBA - The hydraulic screw-on hinge system for glass doors

EVO - The hydraulic knuckle hinge system for doors

VERTO - The hydraulic pivot hinge system for doors

pp 150 **BILOBA** cerniere laterali / screw-on hinges

VA-E-VIENI - DOUBLE ACTION DOOR

VETRO / MURO
GLASS / WALL



VETRO / VETRO
GLASS / GLASS



IN BATTUTA - SINGLE ACTION DOOR

VETRO / MURO
GLASS / WALL

FISSAGGIO OFFSET - OFFSET FIXING



BL 8060

PROFILO
PROFILE



BL 8060WD

cerniere laterali / screw-on hinges

BILOBA "The hydraulic screw-on hinge system for glass doors"



VA-E-VIENI - DOUBLE ACTION DOOR

da / from **pp 152**

VETRO / MURO
GLASS / WALL



BL 8910



BL 8911

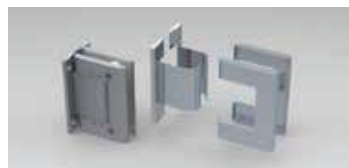
VETRO / VETRO
GLASS / GLASS



BL 8915

da / from **pp 158**

VETRO / MURO
GLASS / WALL



BL 8010BTJC

VETRO / VETRO
GLASS / GLASS



BL 8015BTJC

da / from **pp 160**

VETRO / MURO
GLASS / WALL



BL 8010



BL 8011

VETRO / VETRO
GLASS / GLASS



BL 8015

da / from **pp 166**

VETRO / MURO
GLASS / WALL



BL 825E00



BL 825E10

VETRO / VETRO
GLASS / GLASS



BL 825E50

IN BATTUTA - SINGLE ACTION DOOR

da / from **pp 170**

VETRO / MURO
GLASS / WALL



BL 8060

da / from **pp 172**

PROFILO
FRAME



BL 8060WD

OLEODINAMICHE
OILDYNAMIC

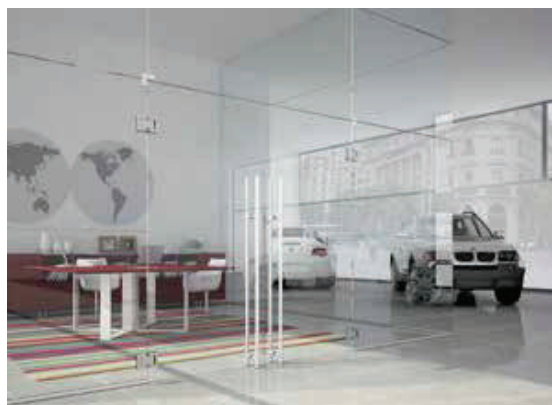
La serie Biloba nasce per porte interne e consente la chiusura automatica dell'anta. La velocità del movimento è regolabile e di massima sicurezza in quanto non oppone resistenza. Collaudata per oltre un milione di cicli e coperta da brevetto internazionale. Adatta anche per porte in battuta.

La seire Biloba nació para puertas interiores y permite el cierre automático. La velocidad del movimiento, es ajustable y es segura ya que no resiste. Probadas por más de un millón de ciclos y cubierta por una patente internacional. Puede ser también para puertas con tope.

Biloba serie is born for inner doors and allows the automatic closing. The moving speed is adjustable and very safety, because the door does not offer resistance. It has been tested for more than one million cycles and is covered by international patent. Also suitable for doors with stop.

Die Biloba-Serie Entwickelt wurde für Innentüren, und macht die automatische Schließung möglich. Die Geschwindigkeit der Bewegung ist einstellbar und von maximaler Sicherheit, da die Tür keinen Widerstand leistet, wenn sie unbeabsichtigt fest gestoßen wird. Getestet über eine Millionen Öffnungs- und Schließzyklen und international patent geschützt.

Biloba série est conçue pour les portes intérieures et permet sa fermeture automatique. La vitesse de fermeture est réglable et sécurisée car la porte n'oppose aucune résistance. Elle a été testée pour plus d'un million de cycles et est couverte par un brevet international. Elle est également adaptable aux portes avec butée.

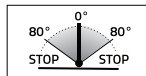
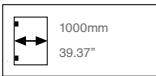


BL 8910 BILOBA



MAX 100 Kg - 220 lbs

Porte - Doors



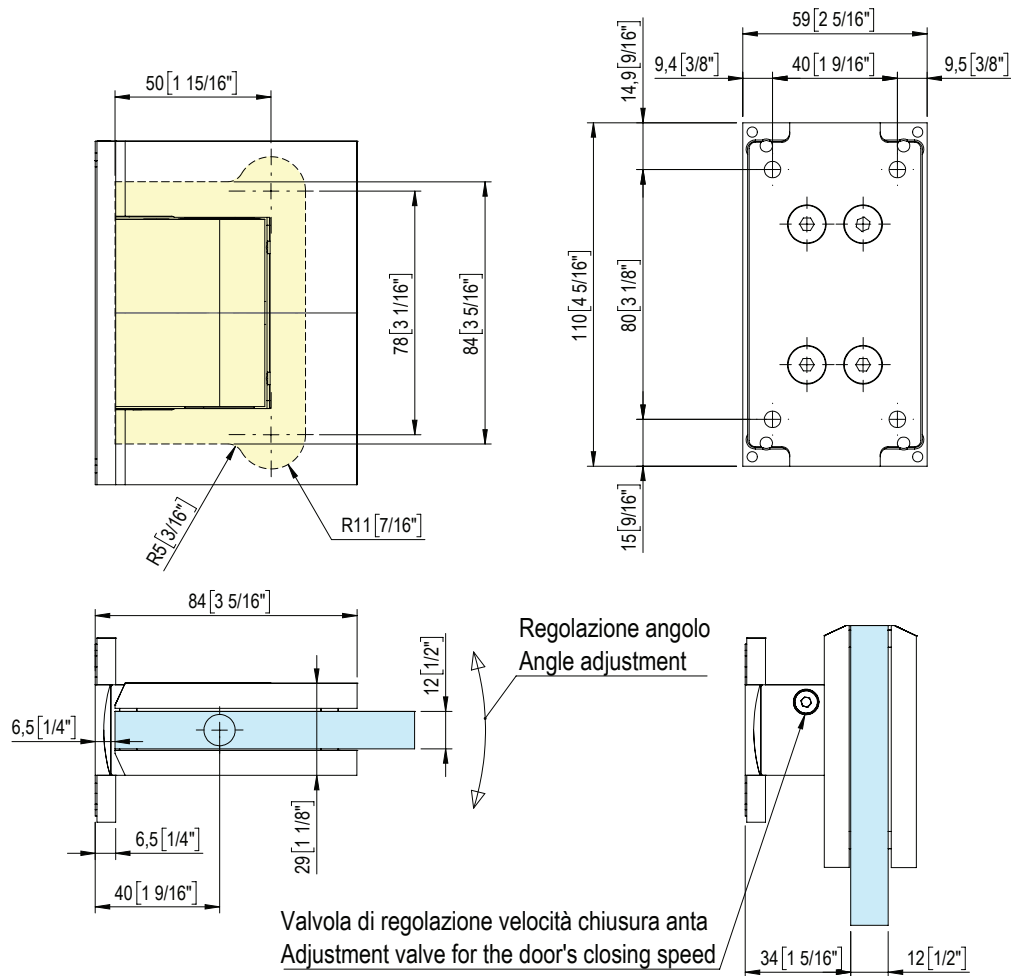
- Cerniera oleodinamica con regolazione delle velocità di chiusura dell'anta e regolazione del punto 0. Stop a 0° +90° -90°. Adatta anche per porte in battuta.
- Bisagra cierra puerta hidráulica con ajuste de velocidad de cierre de la puerta y ajuste del punto 0°. Freno a 0°, +90°, -90°. Adecuada por puertas con tope.
- Hydraulic hinge with adjustment of the closing speed of the door and zero point adjustability. Stop at 0° +90° -90°. Suitable for doors with stop.
- Hydraulischscharnier mit Feststellung der Türschließgeschwindigkeit und 0° -Punkt-Regulierung. Feststellung bei 0° +90° -90°. Beidseitige Wandbefestigung für Anschlagtüren geeignet.
- Charnière hydraulique avec réglage de fermeture du battant et réglage du point 0. Arrêt à 0°, +90° et -90°. Egalement adapté aux portes avec butées.



! APERTURE VIOLENTE OLTRE I 95° POTREBBERO CAUSARE LO SCARDINAMENTO.
 È CONSIGLIABILE L'APPLICAZIONE DI UN FERMAPORTA
 VIOLENT OPENING FURTHER THAN 95° COULD UNHINGE THE DOOR
 WE SUGGEST TO INSTALL A DOOR STOP

Classificazione secondo normativa - Clasificación según la ley - Classification according to int'l regulation Klassifizierung nach den Vorschriften - Classification selon la norme


UNI EN 1154 : 2006	3	8	2	0	1	4
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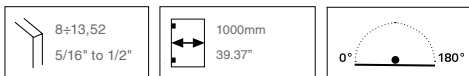
TESTATA 1.000.000 CICLI
 TESTED FOR 1.000.000 CYCLES

BL 8910SOL BILOBA

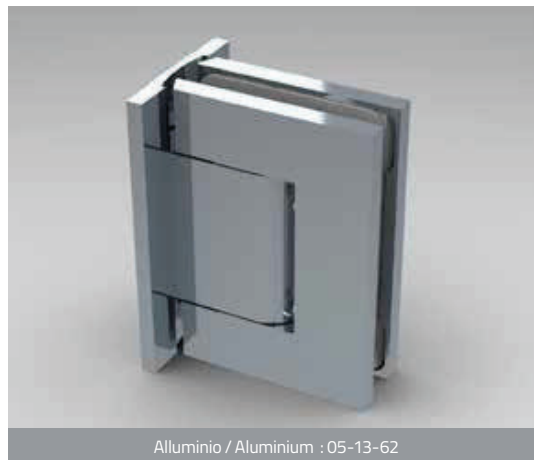
 **FREE HINGE**

 **100 Kg - 220 lbs**

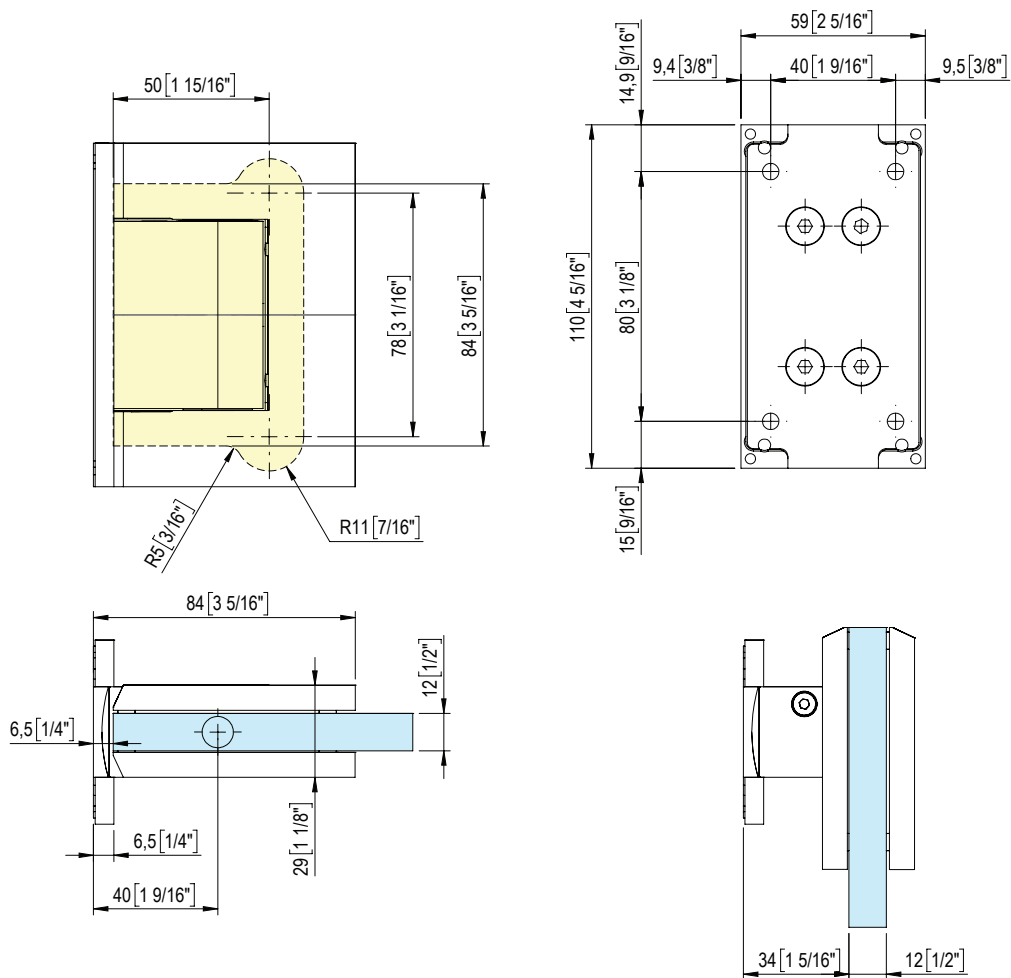
 **Porte - Doors**



- Cerniera libera. Adatta anche per porte in battuta.
- Bisagra libre. Adecuada por puertas con tope.
- Free hinge. Suitable for doors with stop.
- Freies Band. Für Anschlagtüren geeignet.
- Charnière libre. Egalement adaptée pour les portes avec butée.



Alluminio / Aluminium : 05-13-62

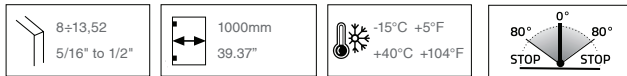


BL 8911 BILOBA



MAX 100 Kg - 220 lbs

Porte - Doors



• Cerniera oleodinamica (aletta spostata) con regolazione delle velocità di chiusura dell'anta e regolazione del punto 0°. Stop a 0° +90° -90°. Adatta anche per porte in battuta.

• Bisagra cierra puerta hidráulica (con aleta desplazada) con ajuste de velocidad de cierre de la puerta y ajuste del punto 0°. Freno a 0°, + 90°, -90°. Adecuada por puertas con tope.

• Hydraulic hinge (with offset fixing wing) with adjustment of the closing speed of the door and zero point adjustability. Stop at 0° +90° -90°. Suitable for doors with stop.

• Hydraulischcharnier mit Feststellung der Türschließgeschwindigkeit und 0°-Punkt-Regulierung. Feststellung bei 0° +90° -90°. Beidseitige Wandbefestigung für Anschlagtüren geeignet.

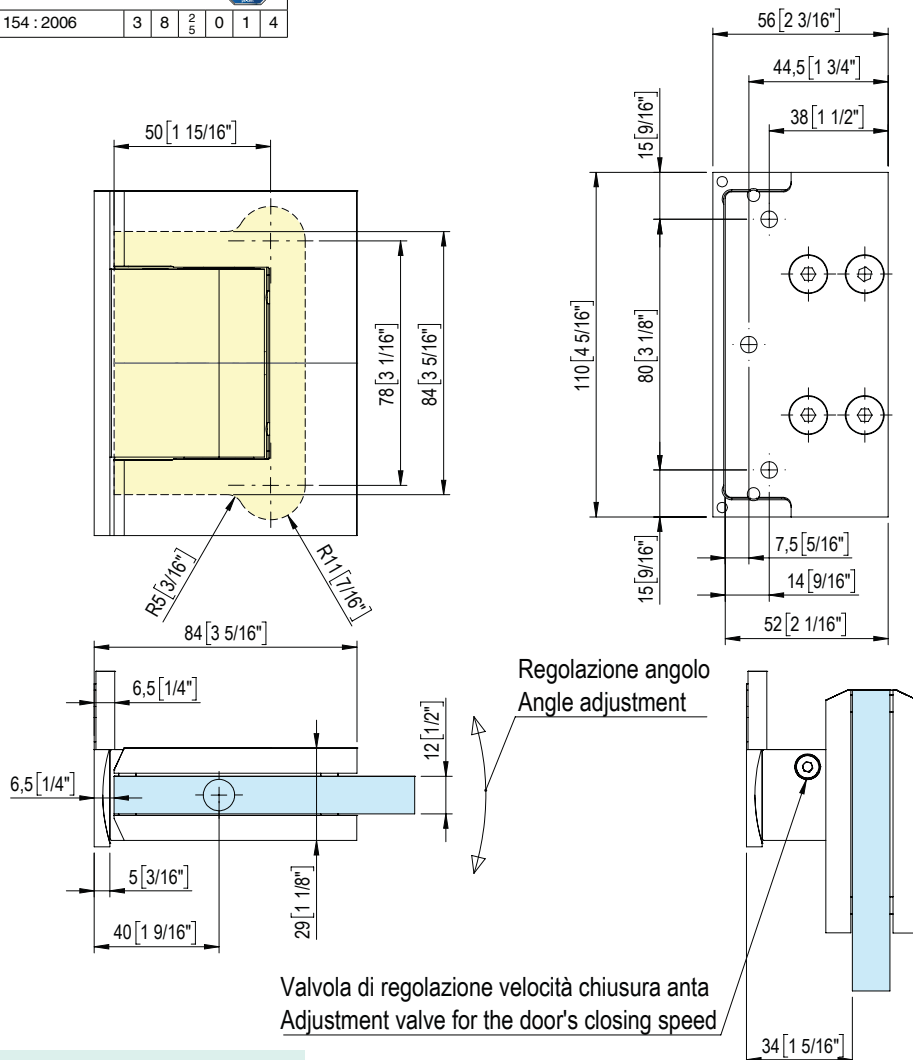
• Charnière hydraulique (pattes de fixation déportées à 180°) avec réglage de la vitesse de fermeture du battant et réglage du point 0. Arrêt à 0°, +90° et -90°. Egalement adapté aux portes avec butées.

! APERTURE VIOLENTE OLTRE I 95° POTREBBERO CAUSARE LO SCARDINAMENTO. È CONSIGLIABILE L'APPLICAZIONE DI UN FERMAPORTA. VIOLENT OPENING FURTHER THAN 95° COULD UNHINGE THE DOOR. WE SUGGEST TO INSTALL A DOOR STOP



Classificazione secondo normativa - Clasificación según la ley - Classification according to int'l regulation Klassifizierung nach den Vorschriften - Classification selon la norme


UNI EN 1154 : 2006	3	8	2/5	0	1	4
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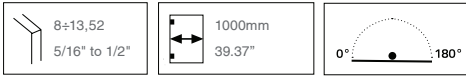
TESTATA 1.000.000 CICLI
TESTED FOR 1.000.000 CYCLES

BL 8911SOL BILOBA

 **FREE HINGE**

 **100 Kg - 220 lbs**

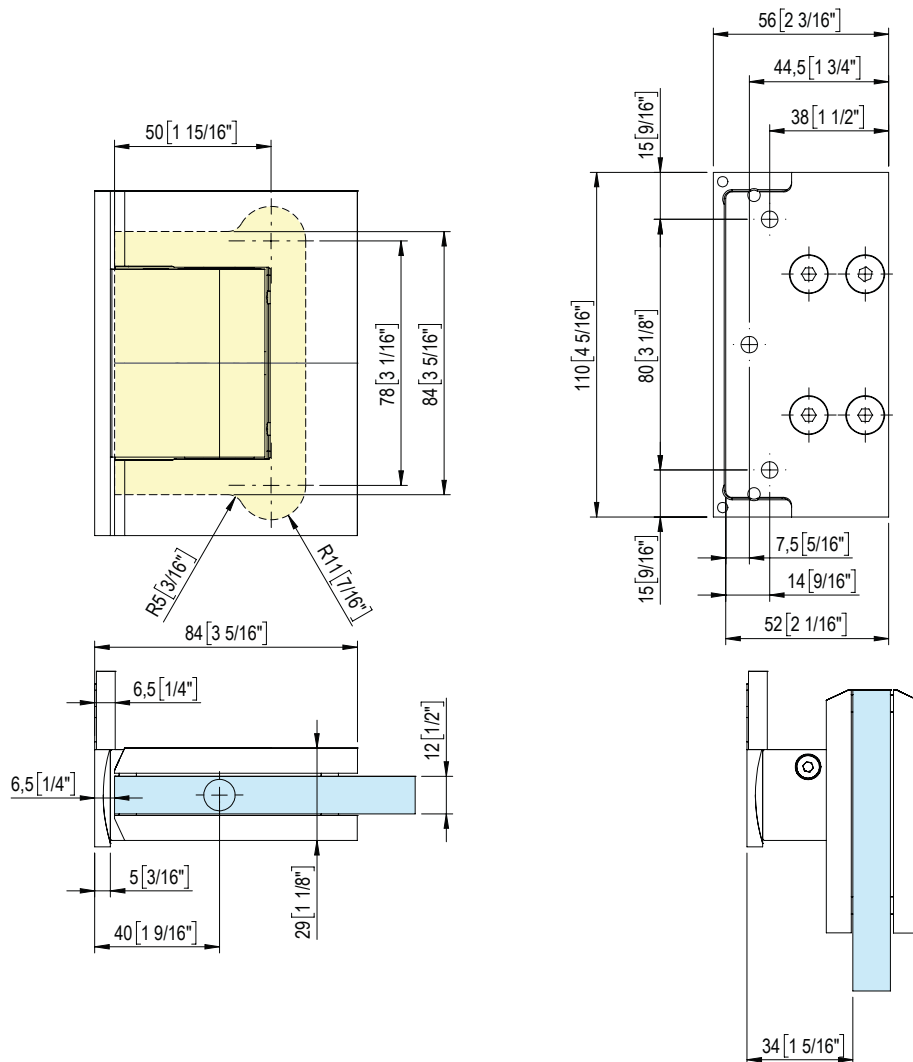
 **Porte - Doors**



- Cerniera libera (aletta spostata). Adatta anche per porte in battuta.
- Bisagra libre (con aleta desplazada). Adecuada por puertas con tope.
- Free hinge (with offset fixing wing). Suitable for doors with stop.
- Freies Band. Beidseitige Wandbefestigung für Anschlagtüren geeignet.
- Charnière libre (pattes de fixation déportées à 180°). Egalement adapté aux portes avec butées.



Alluminio / Aluminium : 05-13-62

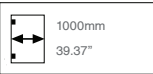


BL 8915 BILOBA



MAX 80 Kg- 176 lbs

Porte - Doors



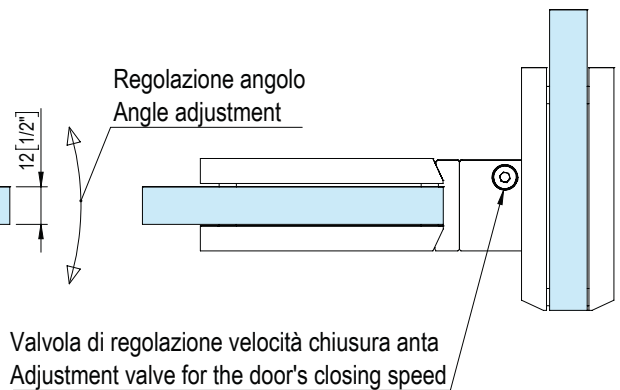
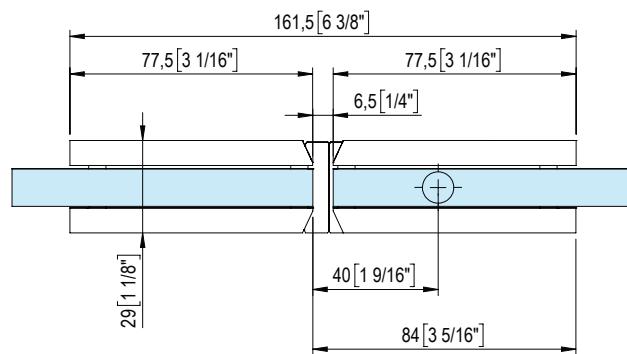
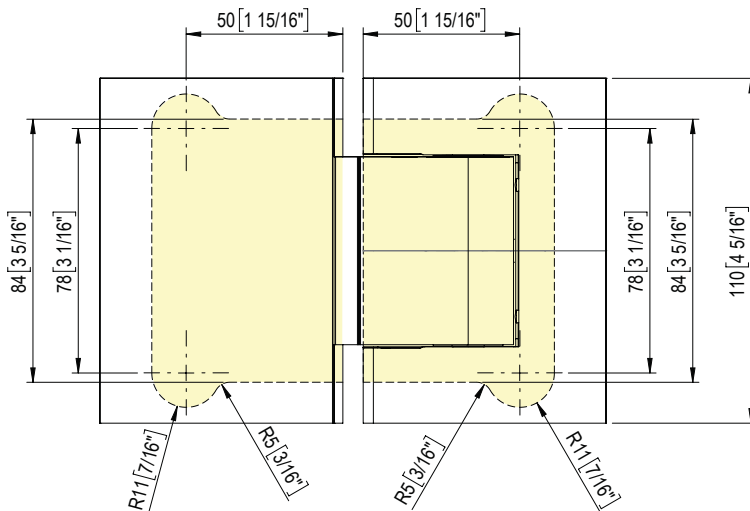
- Cerniera oleodinamica (vetro-vetro 180°) con regolazione delle velocità di chiusura dell'anta e regolazione del punto 0°. Stop a 0° +90° -90°. Adatta anche per porte in battuta.
- Bisagra cierra puerta hidráulica (vidrio - vidrio 180°) con ajuste de velocidad de cierre de la puerta y ajuste del punto 0°. Freno a 0°, +90°, -90°. Adecuada por puertas con tope.
- Hydraulic hinge (glass to glass 180°) with adjustment of the closing speed of the door and zero point adjustability. Stop at 0° +90° -90°. Suitable for doors with stop.
- Hydraulischcharnier (Glas-Glas 180°) mit Feststellung der Türschließgeschwindigkeit und 0°-Punkt-Regulierung. Feststellung bei 0° +90° -90°. Beidseitige Wandbefestigung für Anschlagtüren geeignet.
- Charnière hydraulique (verre-verre 180°) avec réglage de la vitesse de fermeture du battant et réglage du point 0. Arrêt à 0°, +90° et -90°. Egalement adapté aux portes avec butées.



Alluminio / Aluminium : 02-05-13-RAL-62

! APERTURE VIOLENTE OLTRE I 95° POTREBBERO CAUSARE LO SCARDINAMENTO.
È CONSIGLIABILE L'APPLICAZIONE DI UN FERMAPORTA
VIOLENT OPENING FURTHER THAN 95° COULD UNHINGE THE DOOR
WE SUGGEST TO INSTALL A DOOR STOP


Classificazione secondo normativa - Clasificación según la ley - Classification according to int'l regulation Klassifizierung nach den Vorschriften - Classification selon la norme						
UNI EN 1154 : 2006	3	8	2 5	0	1	4



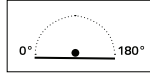
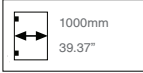
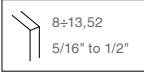
TESTATA 1.000.000 CICLI
TESTED FOR 1.000.000 CYCLES

BL 8915SOL BILOBA

 **FREE HINGE**

 **80 Kg - 176 lbs**

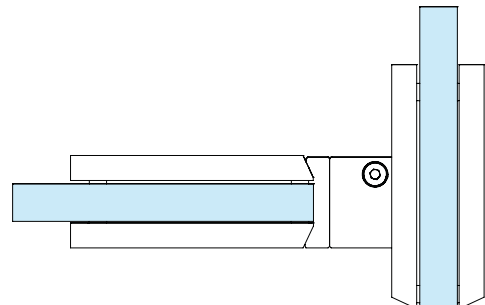
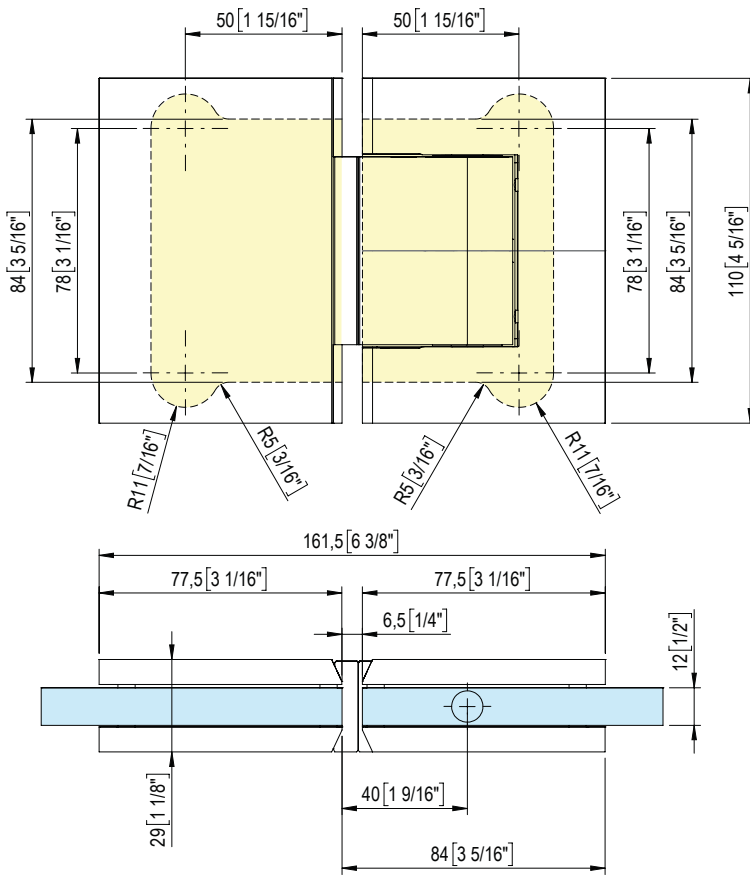
 **Porte - Doors**



- Cerniera libera (vetro-vetro 180°). Adatta anche per porte in battuta.
- Bisagra libre (vidrio – vidrio 180°). Adecuada por puertas con tope.
- Free hinge (glass to glass 180°). Suitable for doors with stop.
- Freies Band. (Glas-Glas 180°). Für Anschlagtüren geeignet.
- Charnière libre (verre-verre 180°). Egalement adaptée aux portes avec butée.



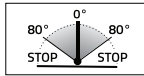
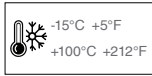
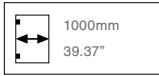
Alluminio / Aluminium : 05-13-62



BL 8010BTJC BILOBA  **OILDYNAMIC** ■ REGOLABILE / ADJUSTABLE

 **100 Kg - 220 lbs**

 **Porte - Doors**



▪ Cerniera oleodinamica con regolazione delle velocità di chiusura dell'anta e regolazione del punto 0. Corpo interno anodizzato, ossidazione profonda (20 micron) e copertina esterna in acciaio inox AISI 316. Stop a 0° +90° -90°.

▪ Bisagra cierra puerta hidráulica con ajuste de velocidad de cierre de la puerta y ajuste del punto 0°. Cuerpo interior anodizado con tratamiento de oxidación con alto espesor(20 micron) y tapa exterior en acero inox AISI 316. Freno a 0°, + 90°, -90°.

▪ Hydraulic hinge with adjustment of the closing speed of the door and zero point adjustability. Inner body is anodized with the special deep oxidation (20 micron) and cover made of stainless steel AISI 316. Stop at 0° +90° -90°.

▪ Hydraulischscharnier mit Feststellung der Türschließgeschwindigkeit und 0° -Punkt-Regulierung. Der innere Körper ist eloxiert mit Die Sonderoxydationsbehandlung (20 Mikron). Abdeckungen aus Edelstahl AISI 316. Feststellung bei 0° +90° -90°.

▪ Charnière hydraulique avec réglage de fermeture du battant et réglage du point 0. Partie interne anodisée avec traitement d'oxydation profonde (20 micron) et capot externe en acier inox AISI 316. Arrêt à 0°, +90° et -90°.




Alluminio / Aluminium : 14-31-32-62

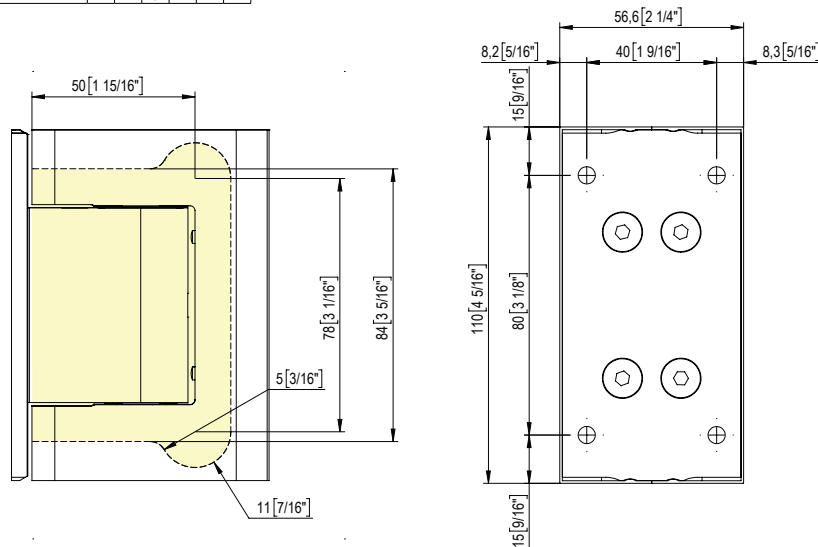
 **APERTURE VIOLENTE OLTRE I 95° POTREBBERO CAUSARE LO SCARDINAMENTO. È CONSIGLIABILE L'APPLICAZIONE DI UN FERMAPORTA**
VIOLENT OPENING FURTHER THAN 95° COULD UNHINGE THE DOOR
WE SUGGEST TO INSTALL A DOOR STOP



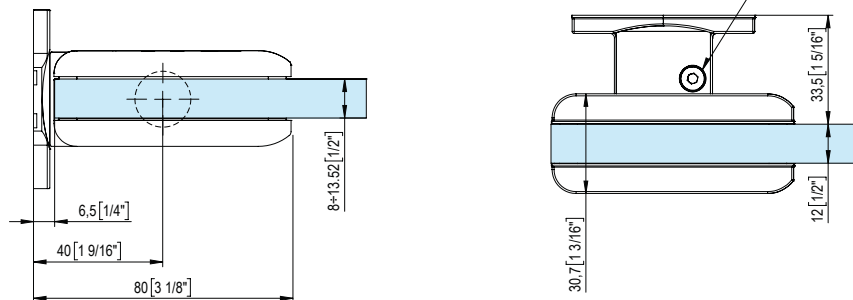
NON DOTATA DI FRENO ANTIVENTO • DISPONIBILE SU RICHIESTA ANCHE NELLA VERSIONE SENZA STOP A 90°. Versione da specificare in fase d'ordine e soggetta a possibili minimi d'ordine. Per ulteriori informazioni contattare l'ufficio commerciale.

NO ANTI-WIND BRAKE • AVAILABLE IN FURTHER VERSION WITHOUT 90° STOP. It have to be specified on being ordered and could be subjected to minimum quantity order. For further information, please contact the export department.

Classificazione secondo normativa - Clasificación según la ley - Classification according to int'l regulation Klassifizierung nach den Vorschriften - Classification selon la norme	
UNI EN 1154 : 2006	3 8 $\frac{2}{5}$ 0 1 4


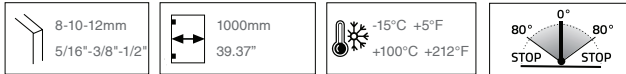


Valvola di regolazione velocità chiusura anta
 Adjustment valve for the door's closing speed



TESTATA 1.000.000 CICLI
 TESTED FOR 1.000.000 CYCLES

BL 8015BTJC BILOBA OILDYNAMIC • REGOLABILE / ADJUSTABLE

 **80 Kg- 176 lbs**
 **Porte - Doors**


• Cerniera oleodinamica (vetro-vetro 180°) con regolazione delle velocità di chiusura dell'anta e regolazione del punto 0. Corpo interno anodizzato, ossidazione profonda (20 micron) e copertina esterna in acciaio inox AISI 316. Stop a 0° +90° -90°.

• Bisagra cierra puerta hidráulica (vidrio-vidrio 180°) con ajuste de velocidad de cierre de la puerta y ajuste del punto 0. Cuerpo interior anodizado con tratamiento de oxidación con alto espesor (20 micron) y tapa exterior en acero inox AISI 316. Freno a 0°, +90°, -90°.

• Hydraulic hinge (glass to glass 180°) with adjustment of the closing speed of the door and zero point adjustability. Inner body is anodized with the special deep oxidation (20 micron) and cover made of stainless steel AISI 316. Stop at 0° +90° -90°.

• Hydraulikscharnier (Glas-Glas 180°) mit Feststellung der Türschließgeschwindigkeit und 0°-Punkt-Regulierung. Der innere Körper ist eloxiert mit Die Sonderoxydationsbehandlung (20 Mikron). Abdeckungen aus Edelstahl AISI 316. Feststellung bei 0° +90° -90°.

• Charnière hydraulique (verre-verre 180°) avec réglage de la vitesse de fermeture et réglage du point 0. Partie interne anodisée avec traitement d'oxydation profonde (20 micron). Capot externe en acier inox AISI 316. Arrêt à 0°, +90° et -90°.



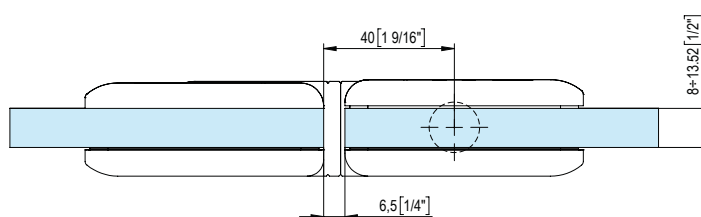
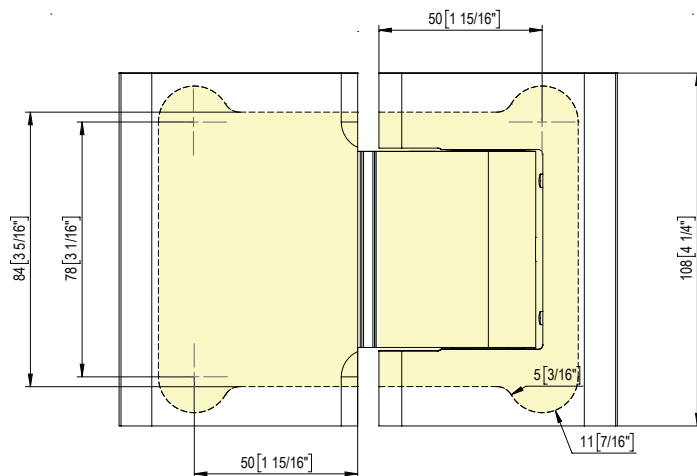
Alluminio / Aluminium : 14-31-32-62

 **APERTURE VIOLENTE OLTRE I 95° POTREBBERO CAUSARE LO SCARDINAMENTO. È CONSIGLIABILE L'APPLICAZIONE DI UN FERMAPORTA**
VIOLENT OPENING FURTHER THAN 95° COULD UNHINGE THE DOOR
WE SUGGEST TO INSTALL A DOOR STOP

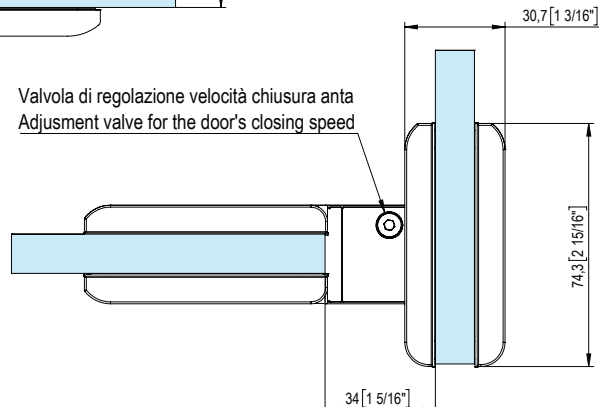


NON DOTATA DI FRENO ANTIVENTO • DISPONIBILE SU RICHIESTA ANCHE NELLA VERSIONE SENZA STOP A 90°. Versione da specificare in fase d'ordine e soggetta a possibili minimi d'ordine. Per ulteriori informazioni contattare l'ufficio commerciale.

NO ANTI-WIND BRAKE • AVAILABLE IN FURTHER VERSION WITHOUT 90° STOP. It have to be specified on being ordered and could be subjected to minimum quantity order. For further information, please contact the export department.



Valvola di regolazione velocità chiusura anta
 Adjustment valve for the door's closing speed



Classificazione secondo normativa - Clasificación según la ley - Classification according to int'l regulation Klassifizierung nach den Vorschriften - Classification selon la norme					
UNI EN 1154 :2006	3	8	$\frac{2}{5}$	0	1 4



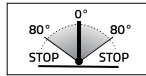
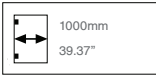
TESTATA 1.000.000 CICLI
 TESTED FOR 1.000.000 CYCLES

BL 8010 BILOBA



MAX 100 Kg - 220 lbs

Porte - Doors



- Cerniera oleodinamica con regolazione delle velocità di chiusura dell'anta. Stop a 0° +90° -90°. Adatta anche per porte in battuta.
- Bisagra cierra puerta hidráulica con ajuste de velocidad de cierre de la puerta. Freno a 0°, +90°, -90°. Adecuada por puertas con tope.
- Hydraulic hinge with adjustment of the closing speed of the door. Stop at 0° +90° -90°. Suitable for doors with stop.
- Hydraulischcharnier mit Feststellung der Türschließgeschwindigkeit. Feststellung bei 0° +90° -90°. Für Anschlagtüren geeignet.
- Charnière hydraulique avec réglage de la vitesse de fermeture du battant. Arrêt à 0°, +90° et -90°. Egalement adaptée pour les portes avec butée.

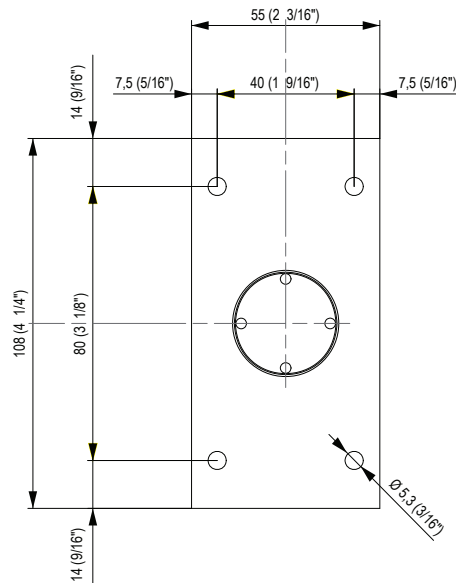
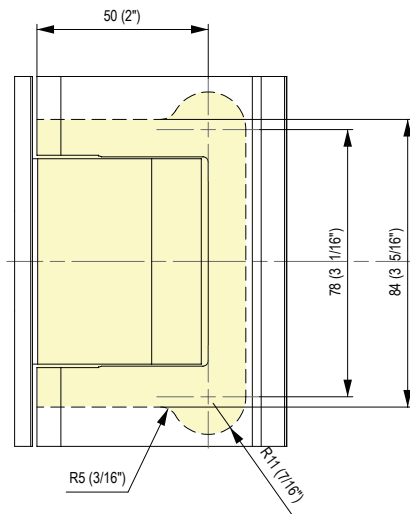


Alluminio / Aluminium : 02-05-13-14-15-16-17-RAL-62

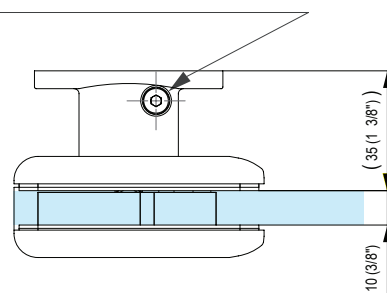
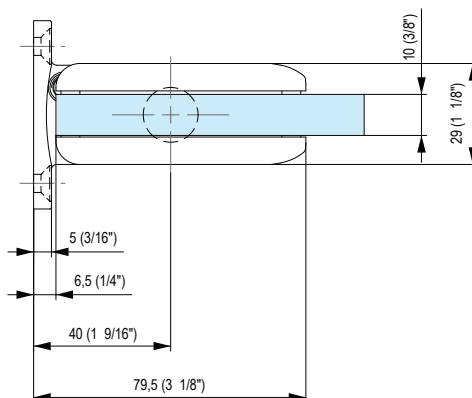
! APERTURE VIOLENTE OLTRE I 95° POTREBBERO CAUSARE LO SCARDINAMENTO. È CONSIGLIABILE L'APPLICAZIONE DI UN FERMAPORTA
 VIOLENT OPENING FURTHER THAN 95° COULD UNHINGE THE DOOR
 WE SUGGEST TO INSTALL A DOOR STOP

i DISPONIBILE ANCHE NELLE VERSIONI: 1) SENZA FERMI A 90° - 2) PER PORTE DI LARGHEZZA INFERIORE A 500 MM UTILIZZARE art.8010 + 8010SOL
 Versions da specificare in fase d'ordine e soggette a possibili minimi d'ordine. Per ulteriori informazioni contattare l'ufficio commerciale.
 AVAILABLE IN FURTHER TWO VERSIONS: 1) WITHOUT 90° STOP - 2) FOR DOORS WITH WIDTH LESS THAN 500MM USE items 8010 + 8010SOL
 Both have to be specified on being ordered and could be subjected to minimum quantity order. For further information, please get in touch with the export department.

Classificazione secondo normativa - Clasificación según la ley - Classification according to int'l regulation Klassifizierung nach den Vorschriften - Classification selon la norme	
UNI EN 1154 : 2006	3 8 2/5 0 1 4



Valvola di regolazione velocità chiusura anta
 Adjustment valve for the door's closing speed

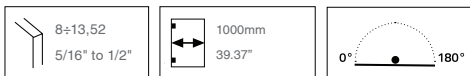


TESTATA 1.000.000 CICLI
 TESTED FOR 1.000.000 CYCLES

BL 8010SOL BILOBA



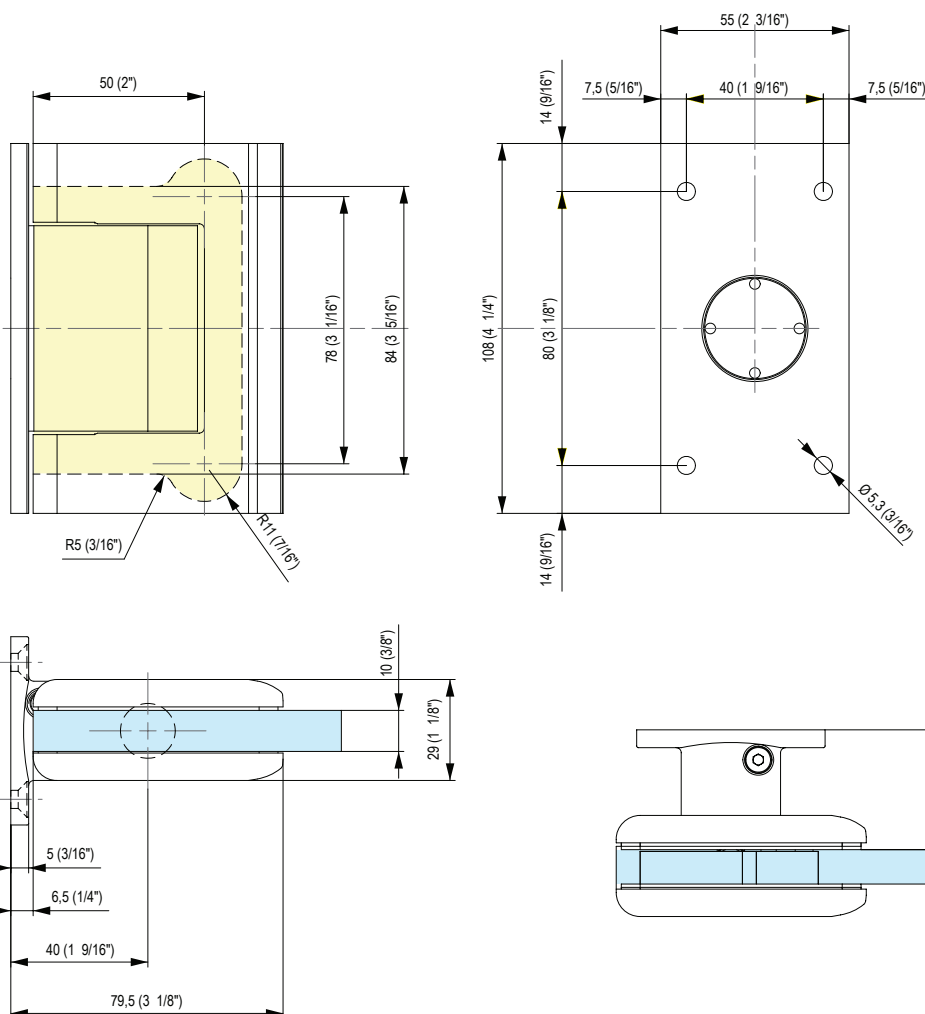
MAX 100 Kg - 220 lbs



- Cerniera libera. Adatta anche per porte in battuta.
- Bisagra libre. Adecuada por puertas con tope.
- Free hinge. Suitable for doors with stop.
- Freies Band. Für Anschlagtüren geeignet.
- Charnière libre. Egalement adaptée pour les portes avec butée.



Alluminio / Aluminium : 02-05-13-14-15-16-17-RAL-62

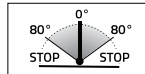
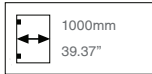


BL 8011 BILOBA



MAX 100 Kg - 220 lbs

Porte - Doors



- Cerniera oleodinamica (aletta spostata) con regolazione delle velocità di chiusura dell'anta. Stop a 0° +90° -90°. Adatta anche per porte in battuta.
- Bisagra cierra puerta hidráulica (con aleta desplazada) con ajuste de velocidad de cierre de la puerta. Freno a 0°, +90°, -90°. Adecuada por puertas con tope.
- Hydraulic hinge (with offset fixing wing) with adjustment of the closing speed of the door. Stop at 0° +90° -90°. Suitable for doors with stop.
- Hydraulischercharnier mit Feststellung der Türschließgeschwindigkeit. Feststellung bei 0° +90° -90°. Beidseitige Wandbefestigung für Anschlagtüren geeignet.
- Charnière hydraulique (pattes de fixation déportées à 180°) avec réglage de la vitesse de fermeture du battant. Arrêt à 0°, +90° et -90°. Egalement adapté aux portes avec butées.

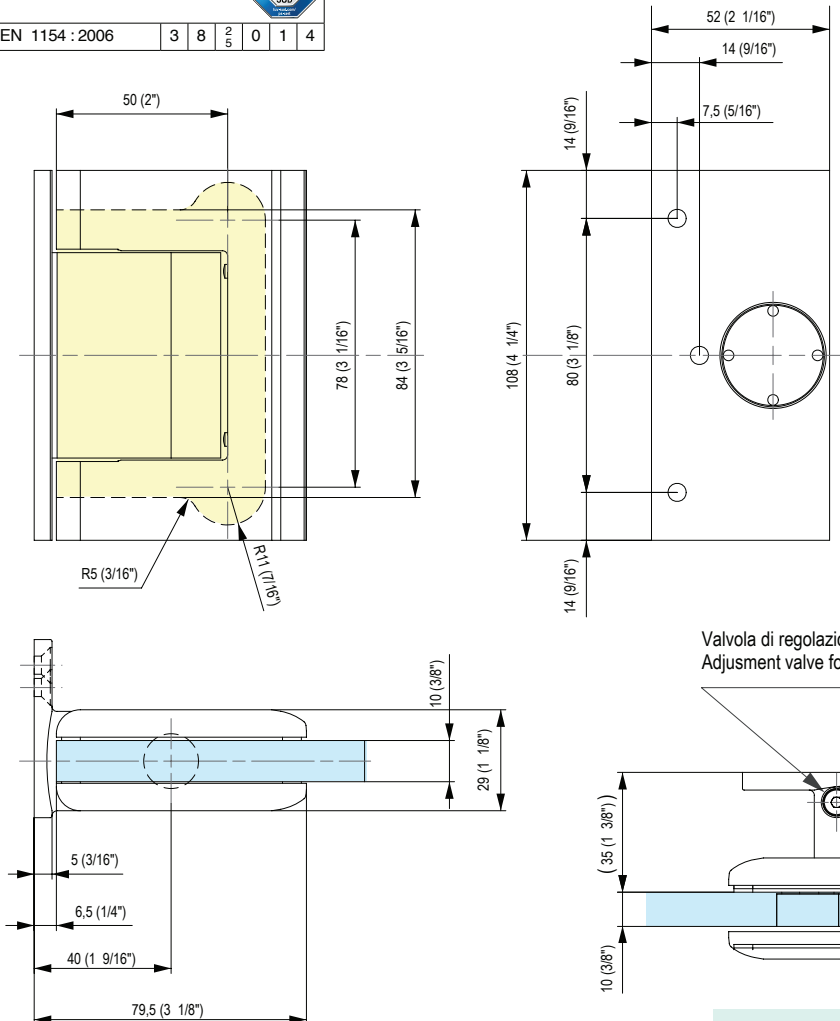
! APERTURE VIOLENTE OLTRE I 95° POTREBBERO CAUSARE LO SCARDINAMENTO.
 È CONSIGLIABILE L'APPLICAZIONE DI UN FERMAPORTA
 VIOLENT OPENING FURTHER THAN 95° COULD UNHINGE THE DOOR
 WE SUGGEST TO INSTALL A DOOR STOP



Alluminio / Aluminium : 02-05-13-14-15-16-17-RAL-62

i DISPONIBILE ANCHE NELLE VERSIONI: 1) SENZA FERMI A 90° - 2) PER PORTE DI LARGHEZZA INFERIORE A 500 MM UTILIZZARE art.8011 + 8011SOL
 Versionsi da specificare in fase d'ordine e soggette a possibili minimi d'ordine. Per ulteriori informazioni contattare l'ufficio commerciale.
 AVAILABLE IN FURTHER TWO VERSIONS: 1) WITHOUT 90° STOP - 2) FOR DOORS WITH WIDTH LESS THAN 500MM USE items 8011 + 8011SOL
 Both have to be specified on being ordered and could be subjected to minimum quantity order. For further information, please get in touch with the export department.

Classificazione secondo normativa - Clasificación según la ley - Classification according to int'l regulation Klassifizierung nach den Vorschriften - Classification selon la norme					
UNI EN 1154 : 2006	3	8	2/5	0	1 4



Valvola di regolazione velocità chiusura anta
 Adjustment valve for the door's closing speed

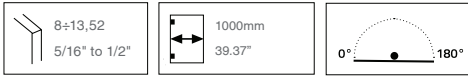
TESTATA 1.000.000 CICLI
 TESTED FOR 1.000.000 CYCLES

BL 8011SOL BILOBA

 **FREE HINGE**

 **100 Kg - 220 lbs**

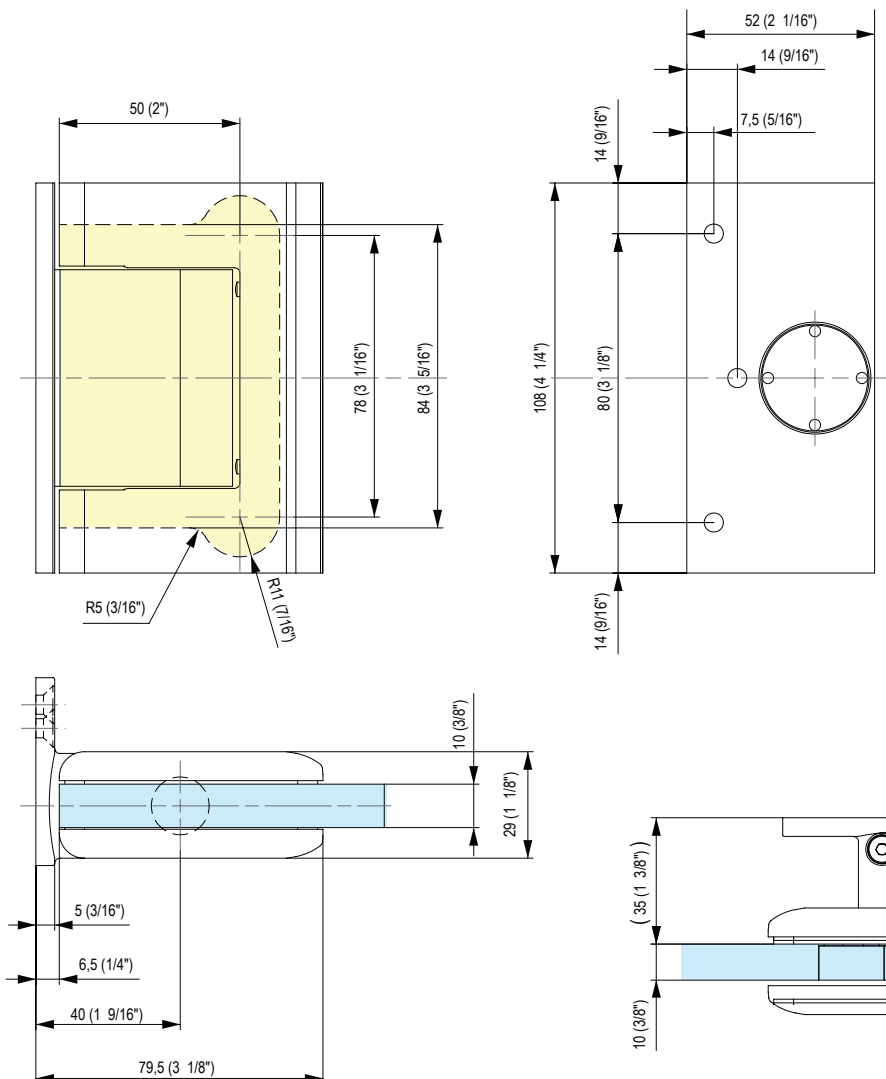
 **Porte - Doors**



- Cerniera libera (aletta spostata). Adatta anche per porte in battuta.
- Bisagra libre (con aleta desplazada). Adecuada por puertas con tope.
- Free hinge (with offset fixing wing). Suitable for doors with stop.
- Freies Band. Beidseitige Wandbefestigung für Anschlagtüren geeignet.
- Charnière libre (pattes de fixation déportées à 180°). Egalement adapté aux portes avec butées.



Alluminio / Aluminium : 02-05-13-14-15-16-17-RAL-62

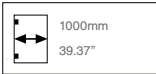


BL 8015 BILOBA



MAX 80 Kg- 176 lbs

Porte - Doors



- Cerniera oleodinamica (vetro-vetro 180°) con regolazione delle velocità di chiusura dell'anta. Stop a 0° +90° -90°. Adatta anche per porte in battuta.
- Bisagra cierra puerta hidráulica (vidrio - vidrio 180°) con ajuste de velocidad de cierre de la puerta. Freno a 0°, +90°, -90°. Adecuada por puertas con tope.
- Hydraulic hinge (glass to glass 180°) with adjustment of the closing speed of the door. Stop a 0° +90° -90°. Suitable for doors with stop.
- Hydraulischcharnier (Glas-Glas 180°) mit Feststellung der Türschließgeschwindigkeit. Feststellung bei 0° +90° -90°. Für Anschlagtüren geeignet.
- Charnière hydraulique (verre-verre 180°) avec réglage de la vitesse de fermeture du battant. Arrêt à 0°, +90° et -90°. Egalement adaptée aux portes avec butée.

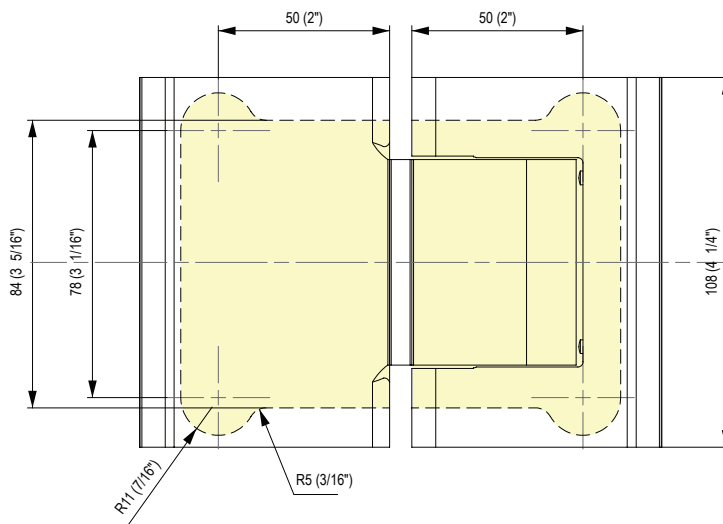


Alluminio / Aluminium : 02-05-13-14-15-16-17-RAL-62

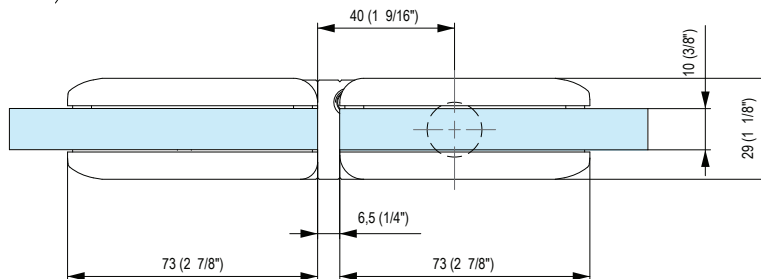
! APERTURE VIOLENTE OLTRE I 95° POTREBBERO CAUSARE LO SCARDINAMENTO.
 È CONSIGLIABILE L'APPLICAZIONE DI UN FERMAPORTA
**VIOLENT OPENING FURTHER THAN 95° COULD UNHINGE THE DOOR
 WE SUGGEST TO INSTALL A DOOR STOP**



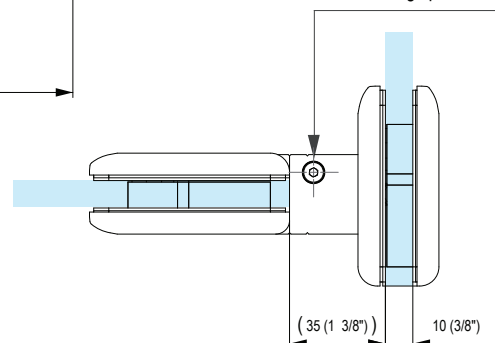
DISPONIBILE ANCHE NELLE VERSIONI: 1) SENZA FERMI A 90° - 2) PER PORTE DI LARGHEZZA INFERIORE A 500 MM UTILIZZARE art.8015 + 8015SOL
 Versions da specificare in fase d'ordine e soggette a possibili minimi d'ordine. Per ulteriori informazioni contattare l'ufficio commerciale.
 AVAILABLE IN FURTHER TWO VERSIONS: 1) WITHOUT 90° STOP - 2) FOR DOORS WITH WIDTH LESS THAN 500MM USE items 8015 + 8015SOL
 Both have to be specified on being ordered and could be subjected to minimum quantity order. For further information, please get in touch with the export department.



Classificazione secondo normativa - Clasificación según la ley - Classification according to int'l regulation Klassifizierung nach den Vorschriften - Classification selon la norme					
UNI EN 1154 : 2006	3	8	2/5	0	1 4

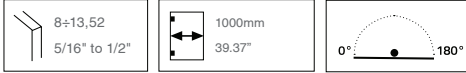


Valvola di regolazione velocità chiusura anta
 Adjustment valve for the door's closing speed



TESTATA 1.000.000 CICLI
 TESTED FOR 1.000.000 CYCLES

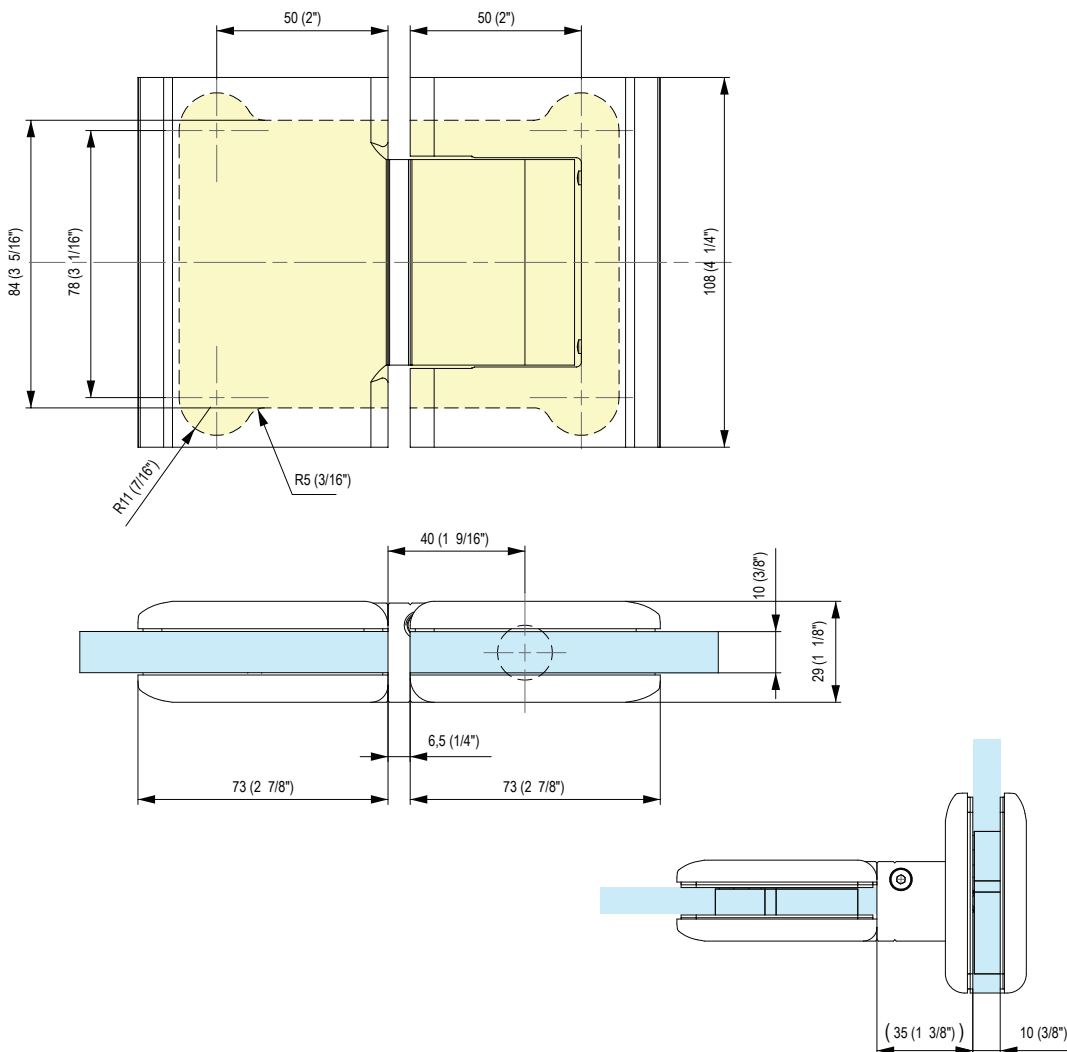
BL 8015SOL BILOBA
80 Kg - 176 lbs

 Porte - Doors


- Cerniera libera (vetro-vetro 180°). Adatta anche per porte in battuta.
- Bisagra libre (vidrio - vidrio 180°). Adecuada por puertas con tope.
- Free hinge (glass to glass 180°). Suitable for doors with stop.
- Freies Band. (Glas-Glas 180°). Für Anschlagtüren geeignet.
- Charnière libre (verre-verre 180°). Egalement adaptée aux portes avec butée.



Alluminio / Aluminium : 02-05-13-14-15-16-17-RAL-62

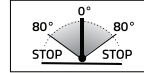
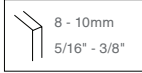


BL 825E00 BILOBA

colcom
OILDYNAMIC • REGOLABILE / ADJUSTABLE

MAX 60 Kg - 132 lbs

Porte - Doors

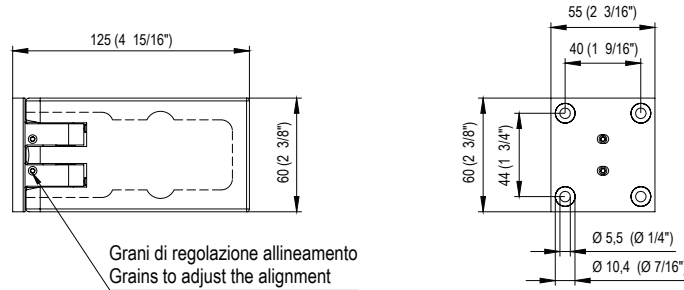


Zama / Zamak : 14

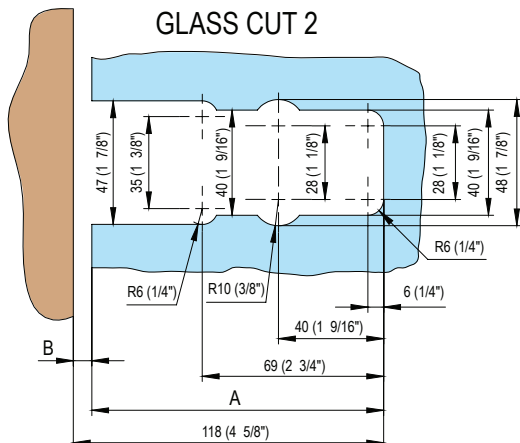
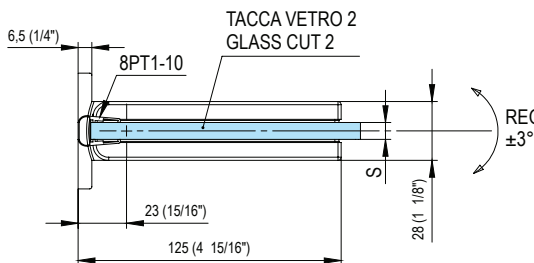
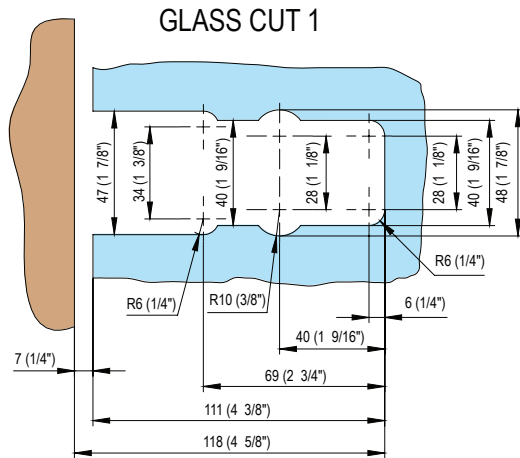
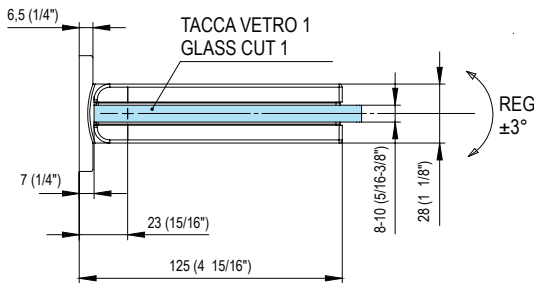
- Cerniera idraulica vetro-muro con automatismo di chiusura integrato. Stop a 0° +90° -90°. Regolazione allineamento 0° ±3°.
- Bisagra oleodinámica vidrio-muro con automatismo de cierre integrado. Stop 0° +90° -90°. Regulación de ajuste 0° ±3°.
- Glass-wall hydraulic hinge with integrated closing automatism. Stop at 0° +90° -90°. Alignment adjustable to 0° ±3°.
- Hydraulikband Glas/Wand mit integriertem Türschließer. Stop 0° +90° -90°. Richtungsregelierung 0° ±3°.
- Charnière hydraulique verre-mur avec système de fermeture automatique intégré. Arrêt à 0°, +90° et -90°. Alignement réglable de 0° jusqu'à +3°.



• Per porte con peso superiore ai 50 kg e di larghezza oltre 800 mm si consiglia l'utilizzo di n° 3 cerniere • Para puertas con un peso superior a los 50 kg y con más de 800 mm de ancho se aconseja utilizar 3 bisagras • For doors with weight higher than 50 Kgs and largeness higher than 800 mm we suggest to use 3 hinges • Für Türe mit größerem Gewicht als 50 Kgs und größerer Breite als 800 mm schlagen wir die Verwendung von 3 Beschlägen vor • Dans le cas d'une utilisation pour une porte dont le poids est supérieur à 50 kg et la hauteur supérieure à 800 mm, nous vous suggérons l'utilisation de 3 charnières



Grani di regolazione allineamento
Grains to adjust the alignment



S	A	B
8 (5/16")	112 (4 13/32")	6 (1/32")

BL 825E10 BILOBA

colcom
OILDYNAMIC • REGOLABILE / ADJUSTABLE

MAX 60 Kg - 132 lbs

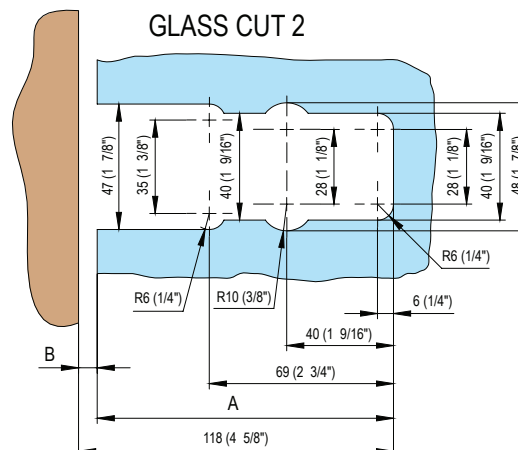
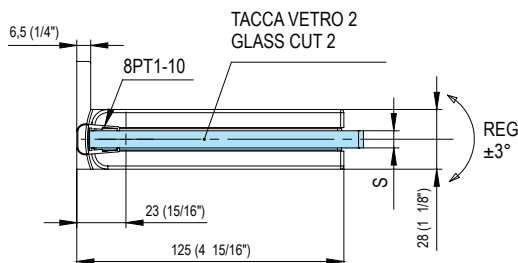
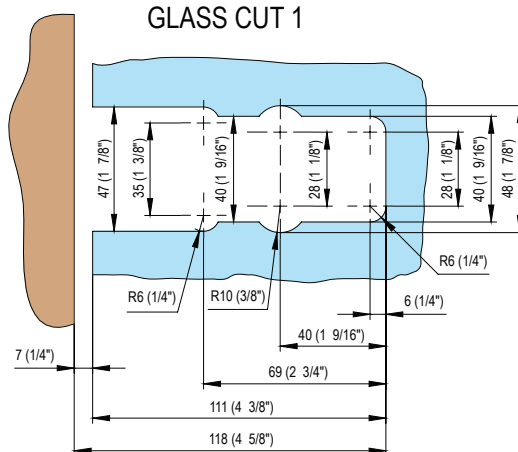
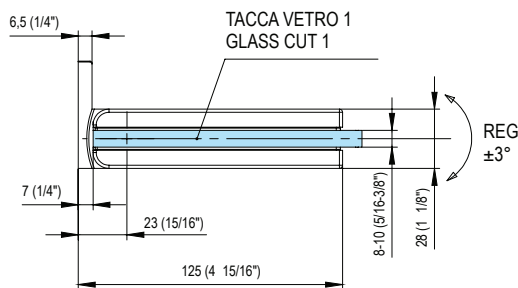
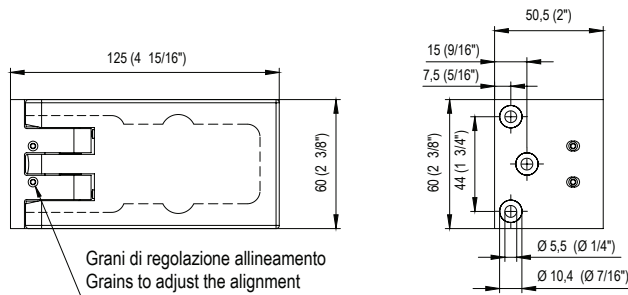
Porte - Doors



- Cerniera idraulica vetro-muro con automatismo di chiusura integrato. Aletta spostata. Stop a 0° +90° -90°. Regolazione allineamento 0° ±3°.
- Bisagra oleodinámica vidrio-muro con automatismo de cierre integrado. Aleta desplazada. Stop 0° +90° -90°. Regulación de ajuste 0° ±3°.
- Glass-wall hydraulic hinge with integrated closing automatism. Off-set wing. Stop at 0° +90° -90°. Alignment adjustable to 0° ±3°.
- Hydraulikband Glas/Wand mit integriertem Türschließer Verschiebenflosse. Stop 0° +90° -90°. Richtungsregelierung 0° ±3°.
- Charnière hydraulique verre-mur, à enrage non symétrique, avec système de fermeture automatique intégré. Arrêt à 0° +90° -90°. Alignement réglable de 0° jusqu'à +3°.



i Per porte con peso superiore ai 50 kg e di larghezza oltre 800 mm si consiglia l'utilizzo di n° 3 cerniere • Para puertas con un peso superior a los 50 Kgs y con más de 800 mm de ancho se aconseja utilizar 3 bisagras • For doors with weight higher than 50 Kgs and largeness higher than 800 mm we suggest to use 3 hinges • Für Türen mit größerem Gewicht als 50 Kgs und größerer Breite als 800 mm schlagen wir die Verwendung von 3 Beschlägen vor • Dans le cas d'une utilisation pour une porte dont le poids est supérieur à 50 kg et la hauteur supérieure à 800 mm, nous vous suggérons l'utilisation de 3 charnières



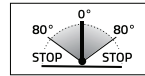
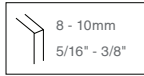
S	A	B
8 (5/16")	112 (4 13/32")	6 (1/32")

BL 825E50 BILOBA

colcom
OILDYNAMIC • REGOLABILE / ADJUSTABLE

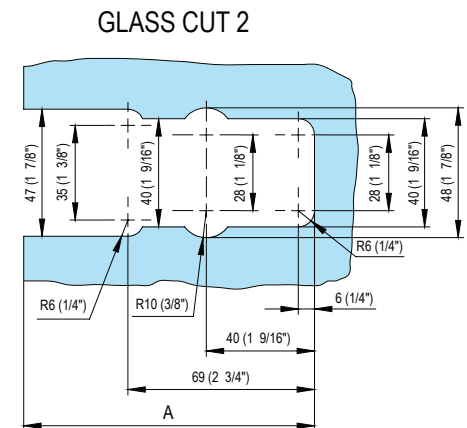
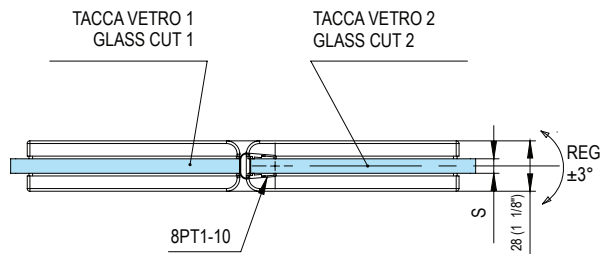
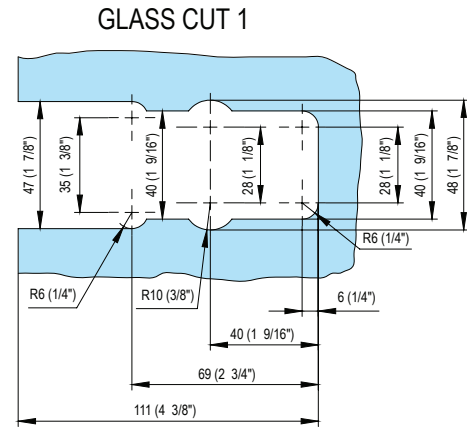
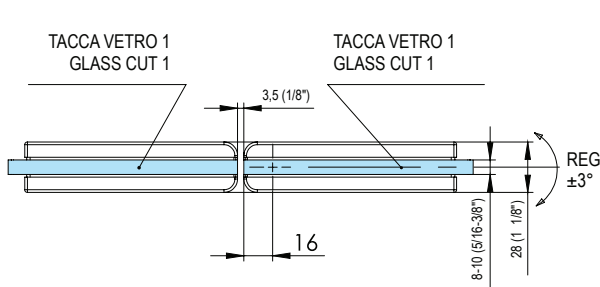
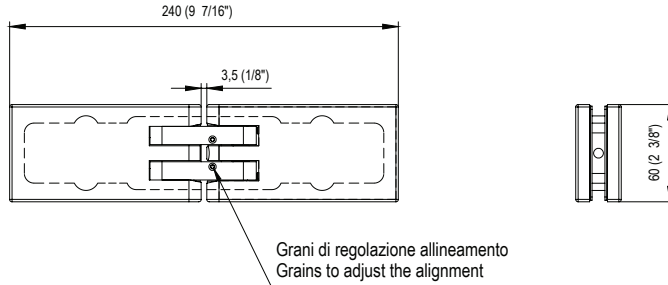
MAX 60 Kg - 132 lbs

Porte - Doors



- Cerniera idraulica Vetro-Vetro con automatismo di chiusura integrato. Stop a 0° +90° -90°. Regolazione allineamento 0° ±3°.
- Bisagra oleodinámica vidrio-vidrio con automatismo de cierre integrado. Aleta desplazada. Stop 0° +90° -90°. Regulación de ajuste 0° ±3°.
- Hydraulic glass-glass hinge with integrated closing automatism. Off-set wing. Stop at 0° +90° -90°. Alignment adjustable to 0° ±3°.
- Hydraulikband Glas/Glas mit integriertem Türschließer. Verschiebenflosse. Stop 0° +90° -90°. Richtungsregelierung 0° ±3°.
- Charnière hydraulique verre-verre, à encrage non symétrique, avec système de fermeture automatique intégré. Arrêt à 0° +90° -90°. Alignement réglable de 0° jusqu'à +3°.

i Per porte con peso superiore ai 50 kg e di larghezza oltre 800 mm si consiglia l'utilizzo di n° 3 cerniere • Para puertas con un peso superior a los 50 Kgs y con más de 800 mm de ancho se aconseja utilizar 3 bisagras • For doors with weight higher than 50 Kgs and largeness higher than 800 mm we suggest to use 3 hinges • Für Türe mit größerem Gewicht als 50 Kgs und größerer Breite als 800 mm schlagen wir die Verwendung von 3 Beschlägen vor • Dans le cas d'une utilisation pour une porte dont le poids est supérieur à 50 kg et la hauteur supérieure à 800 mm, nous vous suggérons l'utilisation de 3 charnières



S	A
8 (5/16")	108.5 (4 9/32")
10 (3/8")	106.5 (4 3/16")



OLEODINAMICHE
OILDYNAMIC

BL 8060 BILOBA



MAX 100 Kg - 220 lbs

Porte - Doors

8-10-12mm 5/16"-3/8"-1/2"	1000mm 39.37"	-15°C +5°F +40°C +104°F	80° 0° STOP
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- Cerniera oleodinamica (aletta spostata) con regolazione delle velocità di chiusura dell'anta. Stop a 0° +90°. Adatta per porte in battuta.
- Bisagra cierra puerta hidráulica (con aleta desplazada) con ajuste de velocidad de cierre de la puerta. Freno a 0°, + 90°. Adecuada por puertas con tope.
- Hydraulic hinge (with offset fixing wing) with adjustment of the closing speed of the door. Stop at 0° +90°. Suitable for doors with stop.
- Hydraulischercharnier mit Feststellung der Türschließgeschwindigkeit. Feststellung bei 0° +90°. Beidseitige Wandbefestigung für Anschlagtüren geeignet.
- Charnière hydraulique (pattes de fixation déportées à 180°) avec réglage de la vitesse de fermeture du battant. Arrêt à 0°, +90°. Egalement adapté aux portes avec butées.

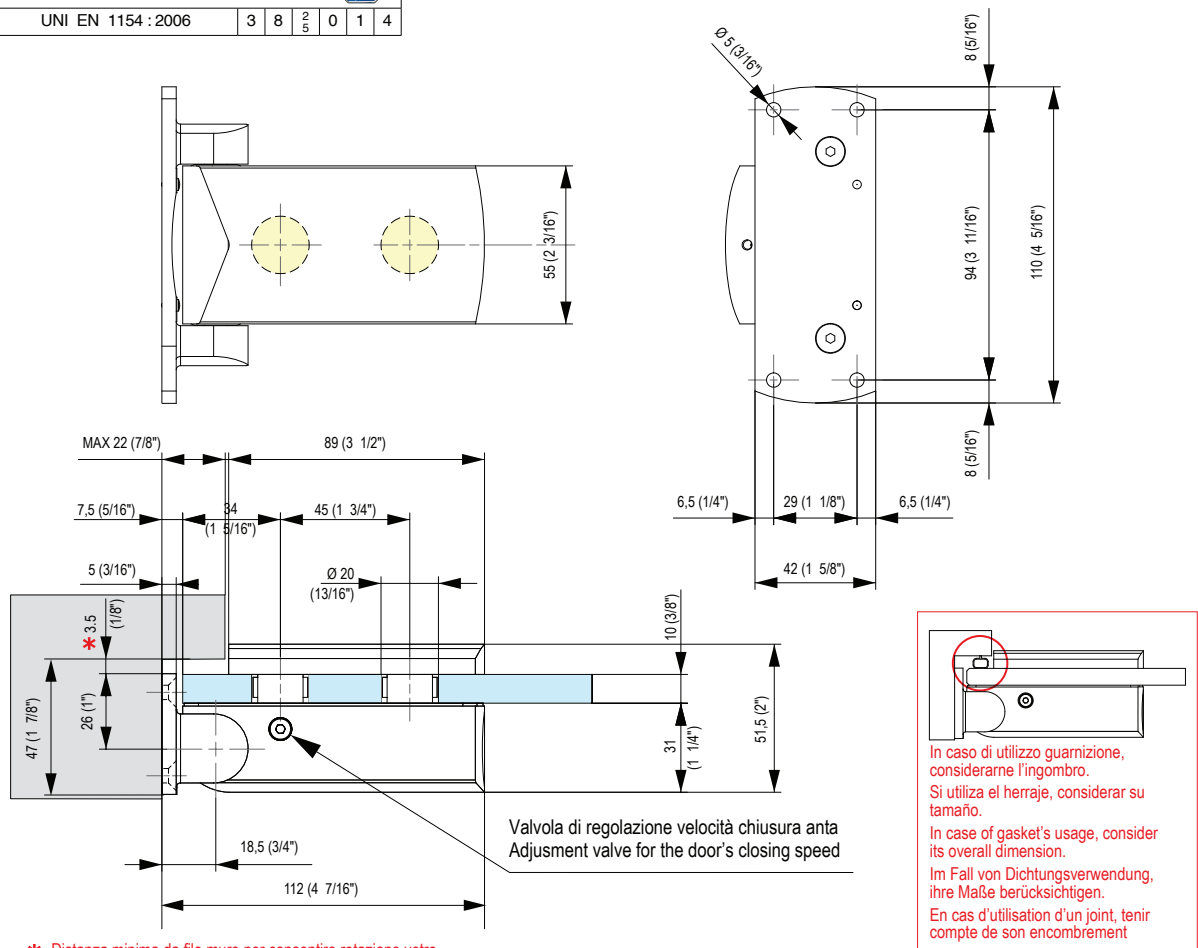


Alluminio / Aluminium : 02-05-13-14-15-16-17-RAL-62

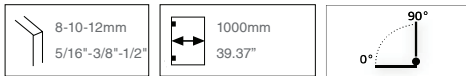
! APERTURE VIOLENTE OLTRE I 95° POTREBBERO CAUSARE LO SCARDINAMENTO.
È CONSIGLIABILE L'APPLICAZIONE DI UN FERMAPORTA
VIOLENT OPENING FURTHER THAN 95° COULD UNHINGE THE DOOR
WE SUGGEST TO INSTALL A DOOR STOP

i DISPONIBILE ANCHE NELLE VERSIONI: 1) SENZA FERMI A 90° - 2) "SOL" LIBERA - PER PORTE DI LARGHEZZA INFERIORE A 500 MM UTILIZZARE art. BL 8060 + BL 8060SOL
Versioni da specificare in fase d'ordine e soggette a possibili minimi d'ordine. Per ulteriori informazioni contattare l'ufficio commerciale.
AVAILABLE IN FURTHER TWO VERSIONS: 1) WITHOUT 90° STOP - 2) "SOL" FREE HINGE - FOR DOORS WITH WIDTH LESS THAN 500MM USE items BL 8060 + BL 8060SOL
Both have to be specified on being ordered and could be subjected to minimum quantity order. For further information, please get in touch with the export department.

Classificazione secondo normativa - Clasificación según la ley - Classification according to int'l regulation Klassifizierung nach den Vorschriften - Classification selon la norme	
UNI EN 1154 : 2006	3 8 2 0 1 4



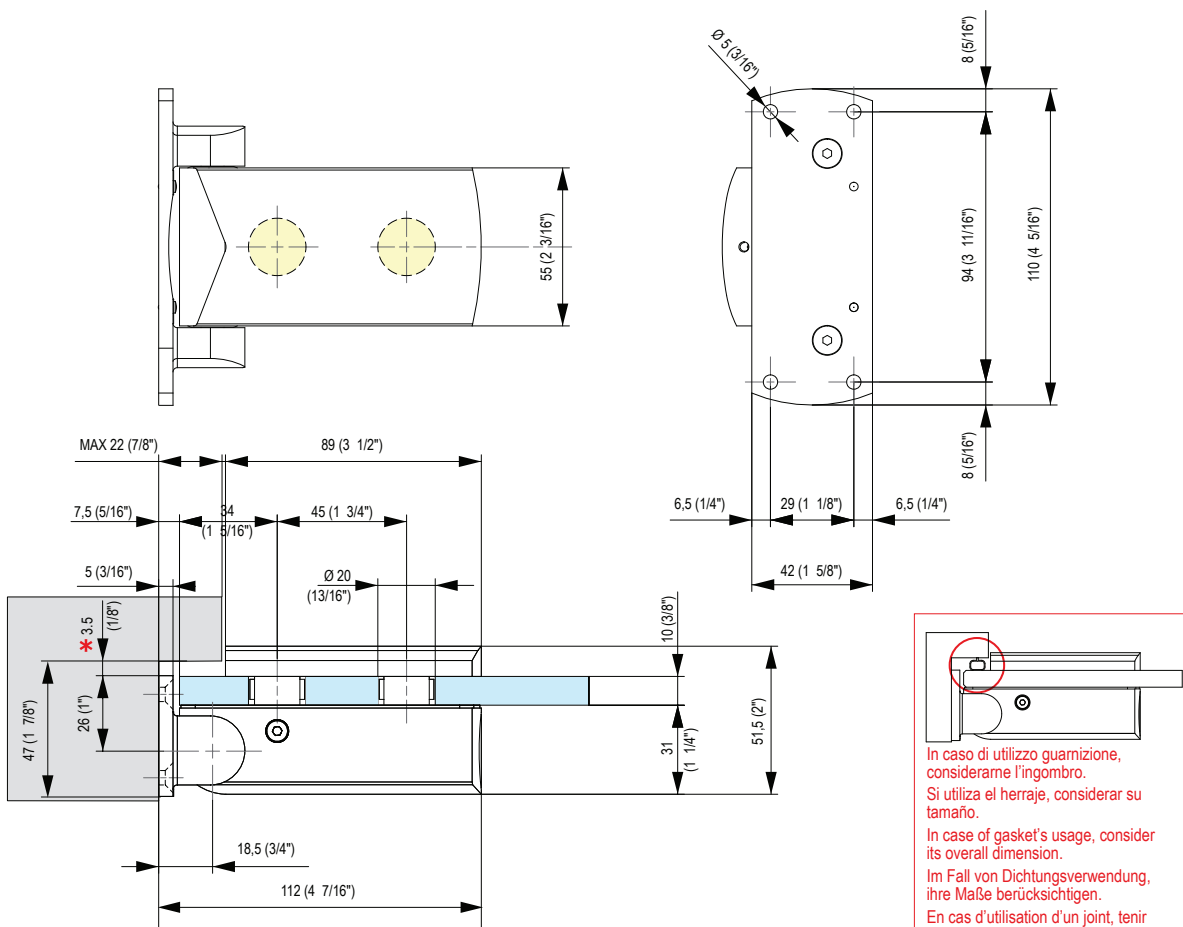
TESTATA 1.000.000 CICLI
TESTED FOR 1.000.000 CYCLES

BL 8060SOL BILOBA
100 Kg - 220 lbs
Porte - Doors


- Cerniera libera (aletta spostata). Adatta anche per porte in battuta.
- Bisagra libre (con aleta desplazada). Adecuada por puertas con tope.
- Free hinge (with offset fixing wing). Suitable for doors with stop.
- Freies Band. Beidseitige Wandbefestigung für Anschlagtüren geeignet.
- Charnière libre (pattes de fixation déportées à 180°). Egalement adapté aux portes avec butées.



Alluminio / Aluminium : 02-05-13-14-15-16-17-RAL-62

OLEODINAMICHE
OILDYNAMIC

BL 8060WD BILOBA



MAX 100 Kg - 220 lbs

Porte - Doors



▪ Cerniera oleodinamica con regolazione delle velocità di chiusura dell'anta per porte in battuta. È creata per adattarsi a stipiti in legno secondo la normativa tedesca: DIN 18251 Classe 4. Stop a 0° +90°.

▪ Bisagra cierra puerta hidráulica con ajuste de velocidad de cierre de la puerta, con tope. Se ha creado para encajar las jambas de madera según la legislación alemana: DIN 18251 Clase 4. Freno a 0°, +90°.

▪ Hydraulic hinge with adjustment of the closing speed of glazing for doors with stop. It is born to suit to wooden frames according to the German regulation: DIN 18251 Class 4. Stop at 0° +90°.

▪ Hydraulischscharnier mit Einstellung der Türschließgeschwindigkeit bei Anschlagtüren. Sie ist für Innenanschlagentüren mit Holzrahmen gemäß deutschem Norm DIN 18251 Klasse 4 entstanden. Feststellung bei 0°+90°.

▪ Charnière hydraulique avec réglage de la vitesse de fermeture du battant pour porte avec butée. Il est créé pour s'adapter aux jambages en bois selon la norme allemande: DIN 18251 classe 4. Arrêt à +90°.



Alluminio / Aluminium : 02-05-13-14-15-16-17-62



APERTURE VIOLENTE OLTRE I 95° POTREBBERO CAUSARE LO SCARDINAMENTO. È CONSIGLIABILE L'APPLICAZIONE DI UN FERMAPORTA VIOLENT OPENING FURTHER THAN 95° COULD UNHINGE THE DOOR. WE SUGGEST TO INSTALL A DOOR STOPPER

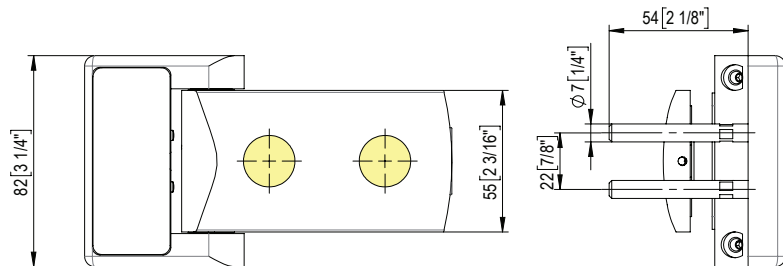


DISPONIBILE ANCHE NELLA VERSIONE "L" LIGHT CON MOLLA DEPOTENZIATA PER PORTE DI LARGHEZZA INFERIORE A 700 MM. Versioni da specificare in fase d'ordine e soggette a possibili minimi d'ordine. Per ulteriori informazioni contattare l'ufficio commerciale.

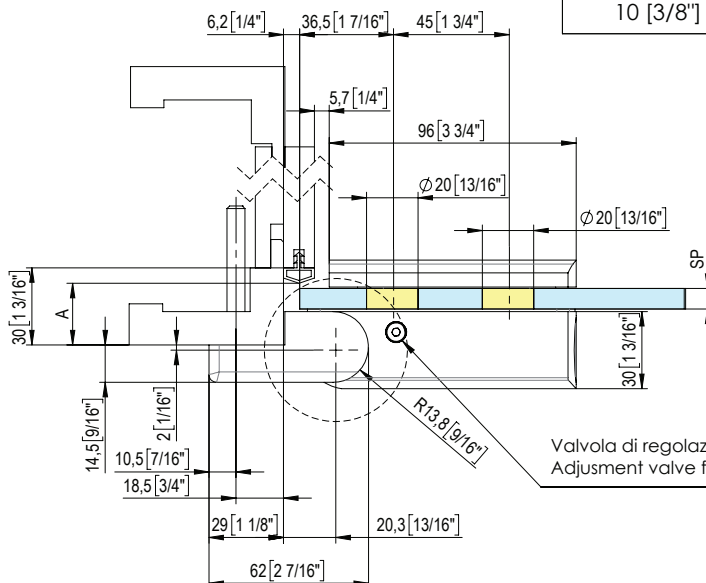
ALSO AVAILABLE IN "L" LIGHT VERSION WITH POWER-DOWNGRADED SPRING FOR DOORS WITH WIDTH LESS THAN 700MM.

Both have to be specified on being ordered and could be subjected to minimum quantity order. For further information, please get in touch with the export department.

Classificazione secondo normativa - Clasificación según la ley - Classification according to int'l regulation Klassifizierung nach den Vorschriften - Classification selon la norme				
UNI EN 1154 : 2006	3	8	2/5	0 1 4



SP.VETRO/GLASS	A
8 [5/16"]	24 [15/16"]
10 [3/8"]	26 [1"]



In caso di utilizzo guarnizione, considerarne l'ingombro. Si utilizza el herraje, considerar su tamaño. In case of gasket's usage, consider its overall dimension. Im Fall von Dichtungsverwendung, ihre Maße berücksichtigen. En cas d'utilisation d'un joint, tenir compte de son encombrement

Valvola di regolazione velocità chiusura anta
Adjustment valve for closing speed of glazed

TESTATA 1.000.000 CICLI
TESTED FOR 1.000.000 CYCLES



OLEDINAMICHE
OILDYNAMIC



Finiture standard / Standard finishes

02 Naturale 20 micron Natural anodized 20 micron	05 Ossidato nero Satin black anodized	*13 Simil inox satinato Satin imitation steel	14 Cromato lucido Polished Chrome
15 Verniciato grigio opaco Matt chrome coated	*16 Oro lucido Polished Gold	17 Verniciato oro opaco Matt gold coated	31 Acciaio inox satinato Brushed Stainless Steel
32 Acciaio inox lucido Polished Stainless Steel	47 Brillantato Polished		
62 Verniciato liquido elettrostatico RAL 9005 matt coated	88 Verniciato liquido elettrostatico RAL 9010 matt coated	95 Verniciato liquido elettrostatico RAL 9016 matt coated	COLO2 CARTELLA FINITURE FINISH FOLDER

Finiture speciali / Special finishes

*66 Bronzato lucido Polished bronze chrome	67 Bronzato opaco Bronze matt coated	*68 Champagne lucido Polished champagne chrome	69 Champagne opaco Champagne coated
*70 Nero canna di fucile lucido Polished gun metal chrome	71 Nero canna di fucile opaco Gun metal coated	RAL Verniciato liquido elettrostatico Liquid electrostatic coated	COLO3 CARTELLA FINITURE SPECIALI SPECIAL FINISH FOLDER

*** PVD Physical Vapour Deposition** rivestimento metallico che assicura: • eccezionale resistenza all'abrasione • resistenza all'ossidazione • colorazioni innovative ed inalterabili nel tempo.
metal coating that ensures: • exceptional resistance to abrasion • resistance to oxidation • innovative and durable colouring.

SPECIALI - SPECIAL Contattare ufficio commerciale per lotti minimi, quotazione e tempi di consegna - Ask our sales dept for minimum order, for a quotation and delivery time

Guida alla scelta della finitura / Guide to choose the colors

Finiture / Colors	Interno / Internal												Esterno / External							
	Porte - Doors				Box doccia - Shower Boxes								Condizioni standard Standard environments				* Condizioni particolari Special environments			
					AMBIENTE BAGNATO / WET AREA				AMBIENTE UMIDO / HUMID											
Materiale / Material	ALU	BRASS	ZAMAK	INOX	ALU	BRASS	ZAMAK	INOX	ALU	BRASS	ZAMAK	INOX	ALU	BRASS	ZAMAK	INOX	ALU	BRASS	ZAMAK	INOX
02	5				5				5				5				5			
05	4				4				4				4				4			
13	4	4	4		2	4	4		3	4	4		2	4	4					
14	4	5	4		3	5	4		4	5	4		3	5	4			5	4	
15	4	5	4		3	5	4		4	5	4		3	5	4			5	4	
16	4	4			2	4			3	4			2	4						
17	4	4			4	4			4	4			4	4						
31				5				5				5				5				5
32				5				5				5				5				5
47	4				4				5				4				4			
62	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
66	4	4			2	4			3	4			2	4						
67	4	4			2	4			3	4			2	4						
68	4	4			2	4			3	4			2	4						
69	4	4			2	4			3	4			2	4						
70	4	4			2	4			3	4			2	4						
71	4	4			2	4			3	4			2	4						
88	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
95	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
RAL	4	4	4		4	4	4		4	4	4		4	4	4		4	4	4	

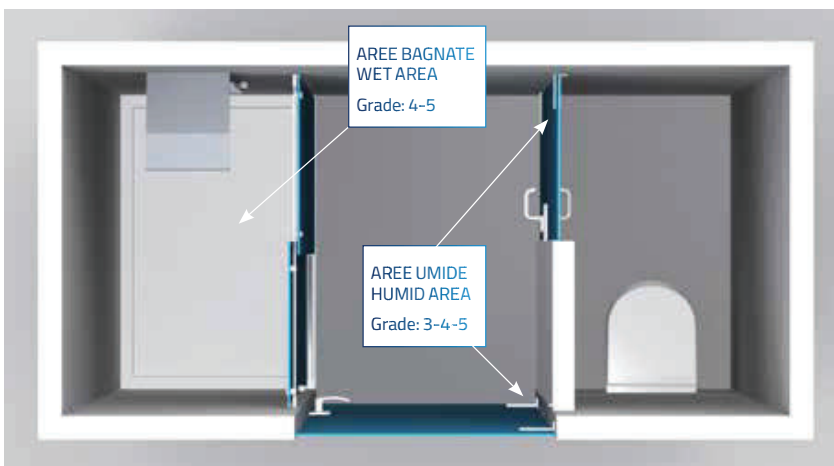
* ATTENZIONE: Per installazioni in condizioni ambientali e climatiche particolari (es. umide, acide, saline), consultare prima l'ufficio commerciale
 CAUTION: For installations in particular environments or climate (ex. wet, acid, saline) consult sales office first

PORTE ESTERNE - OUTER DOORS : Le finiture disponibili sono / The finishes available are : 02 - 31 - 32 - RAL - 62
 Finiture NON RACCOMANDATE sono / NOT RECOMMEND finishes are : 05 - 13 - 14 - 15 - 16 - 17 - 47

Legenda / Legend

1 Bassa resistenza alla corrosione Low corrosion resistance	2 Moderata resistenza alla corrosione Moderate corrosion resistance	3 Alta resistenza alla corrosione High corrosion resistance	4 Resistenza molto alta alla corrosione Very high corrosion resistance	5 Resistenza eccellente alla corrosione Excellent corrosion resistance
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Tutti i patch fitting con corpo in finitura "02" e copertine di acciaio inox hanno grado di resistenza pari a 5. In caso di copertine in alluminio la resistenza è indicata nella tabella sovrariportata
 All patch fittings with body in "02" finish and stainless steel covers have a strength of 5. In the case of aluminum covers the resistance is indicated in the table above



AREE BAGNATE / WET AREA

Spazi a contatto diretto con l'acqua
 Spaces in direct contact with water

AREE UMIDE / HUMID AREA

Spazi non a contatto diretto con l'acqua ma umidi
 Spaces not in direct contact with water but humid

Impostazioni / Settings



Box doccia - Shower boxes

cerniere, sistemi e accessori
hinges, systems and complements



Porte - Doors

cerniere, scorrevoli e accessori
hinges, sliding and complements



Partizioni - Partitioning







sistemi profili, morsetti, balaustre e pensiline
system profile, clamps, balustrade and canopies

CATALOGO CATALOGUE tipologia - typology COLCOM



sistema oleodinamico / oildynamic system

SLASH

Marchio o Serie - Brand or Series

SL D05E30N
SL D05E32N
SL D05E60N
SL D05E62N
SL D05E70N
SL D05E72N

all info here!

caratteristiche principali
main features

Alluminio / Aluminium - finiture / colors 47

Slash è il primo sistema per box doccia con apertura pivotante e sistema

CATALOGO CATALOGUE marchio - brand tipologia - typology peso massimo supportato da 2 cerniere
maximum weight supported by 2 hinges categoria prodotto
product category COLCOM

VT 101E10 VERTO

colcom **OILDYNAMIC** • REGOLABILE / ADJUSTABLE MAX 100 Kg - 220 lbs Porte - Doors

8+13,52
5/16" to 1/2"


1000mm
39.37"

-10°C +14°F
+50°C +122°F

80° 0° 80°
STOP STOP

Caratteristiche features

- Cerniera oleodinamica, **integrata di freno** e regolazioni della velocità di chiusura e dello scatto finale dell'anta. Abbinabile anche con tutti i patch fittings della serie Maxima. Utilizzabile anche per applicazioni pivotanti. Stop a 0° +90° -90°.
- Bisagra automática hidráulica, **integrada de freno** y ajuste de velocidad de cierre y de disparo final de la puerta. Combinable con todos los herrajes producidos de serie Maxima. Utilizable también en aplicaciones con "punto de giro". Stop a 0° +90° -90°.
- Hydraulic hinge **including brake**, closing speed & final latch adjustments. Can be combined with all patch fittings of the Maxima series. Useful also for pivoting applications. Stop at 0° +90° -90°.
- Hydraulischscharnier **mit Bremse**. Feststellung der Türschließgeschwindigkeit und Feststellung der Endauslösung der Tür. Passend zu allen Produkten der Maxima Serie. Auch für schwenkenden Installationen geeignet. Feststellung bei 0° +90° -90°.
- Charnière hydraulique, **avec frein** et réglage de la vitesse de fermeture et de verrouillage. Combinable avec toutes les fixations de raccord de la série Maxima. Utilisable pour application pivotante. Arrêt à 0°, +90° et -90°.



material e finiture
material and finishes

Alluminio / Aluminium : 02-05-14-15-16-17-31-32-RAL-62

! L'automatismo di chiusura inizia a operare entro un range compreso tra 70° e 80°. La chiusura è soft per i primi 20°, e regolabile con controllo dai 60° fino a chiusura completa.
The closing automatism kicks in within 70°-80° range. The closing is soft for the first 20° and becomes speed-adjustable from 60° up to complete closing.

i DISPONIBILE ANCHE NELLA VERSIONE "L" LIGHT CON MOLLA DEPOTENZIATA PER PORTE DI LARGHEZZA INFERIORE A 600 MM.
Versione da specificare in fase d'ordine e soggetta a possibili minimi d'ordine. Per ulteriori informazioni contattare l'ufficio commerciale.
ALSO AVAILABLE IN "L" LIGHT VERSION WITH POWER-DOWNGRADED SPRING FOR DOORS WITH LESS THAN 600 MM.
Version must to be specified on being ordered and could be subjected to minimum quantity order. For further information, please get in touch with the export department.

note e informazioni - notes and information

Legenda simboli / Symbol legend

- categoria prodotto / product category :
 -  **Box doccia**
Shower boxes
 -  **Porte**
Doors
 -  **Partizioni**
Partitioning
- tipologia articolo / item typology :



Articolo oleodinamico
Hydraulic item



Cerniera automatica
Automatic hinge



Cerniera a scatto
Clicking hinge



Cerniera libera
Free hinge



Articolo adatto ad ambienti interni ed esterni
Item suitable for indoor and outer environments



Articolo adatto ad ambienti esclusivamente per ambienti interni
Item suitable exclusively for indoor environments

caratteristiche / features :



Sistema oleodinamico
Hydraulic system



Prodotto certificato
Certified product



Prodotto brevettato
Patented product



Regolazione del punto 0°
0° point adjustability



Spessore del vetro
Glass thickness



Larghezza max porta
Max door width



Temperatura di esercizio olio
Operating oil temperature



Peso massimo della porta - supportato da 2 cerniere o dal sistema
Max door weight - supported by 2 hinges or by system

Angolo di chiusura automatica - Automatic closing angle



apertura / opening : $\pm 90^\circ$
stop da / stop from : $\pm 90^\circ$ a/to $\pm 80^\circ$ 0°
chiusura automatica / automatic closing : $\pm 80^\circ$



apertura / opening : 90°
stop da / stop from : 90° a/to 80°
chiusura automatica / automatic closing : 80°



apertura / opening : $+90^\circ - 90^\circ$
stop da / stop from : $\pm 90^\circ$ a/to $\pm 15^\circ$
chiusura automatica / automatic closing : $\pm 15^\circ$



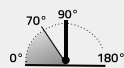
apertura / opening : 90°
stop da / stop from : 90° a/to 15° 0°
chiusura automatica / automatic closing : 15°



apertura / opening : 180°
stop da / stop from : 180° a/to 80°
chiusura automatica / automatic closing : 80°



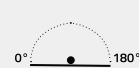
apertura / opening : 180°
stop da / stop from : 180° a/to 160°
chiusura automatica / automatic closing : 160°



apertura / opening : 180°
stop da / stop from : 180° a/to 70°
chiusura automatica / automatic closing : 70°



apertura / opening : $\pm 90^\circ$
stop da / stop from : $\pm 90^\circ$ a/to $\pm 85^\circ$ 0°
chiusura automatica / automatic closing : $\pm 85^\circ$



apertura / opening : 0° a/to 180°
stop da / stop from : NO
chiusura automatica / automatic closing : NO



AVVERTENZA! Leggere con attenzione
WARNING! Read carefully

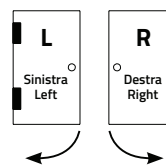
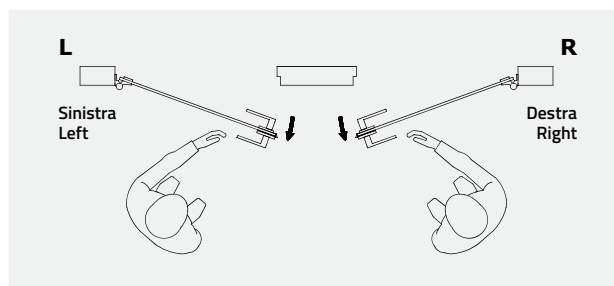


INFORMAZIONI! - leggere attentamente
INFORMATION! - please read carefully



articolo su richiesta: con minimo d'ordine
item on request: with minimum quantity order

DIN 107 Come determinare la mano dei nostri articoli / How to determine the hand of our articles



Per le cerniere disponibili nelle versioni DESTRA e SINISTRA, le schede tecniche riportano questo simbolo indicativo.

For the hinges available in the RIGHT and LEFT versions, the technical data sheets bear this indicative symbol.

Riferirsi allo schema qui sopra per determinare la mano di apertura delle porte - Refer to the diagram above to determine the opening hand of the doors

Coppie di serraggio viti consigliate

Tightening torque for suggested screws

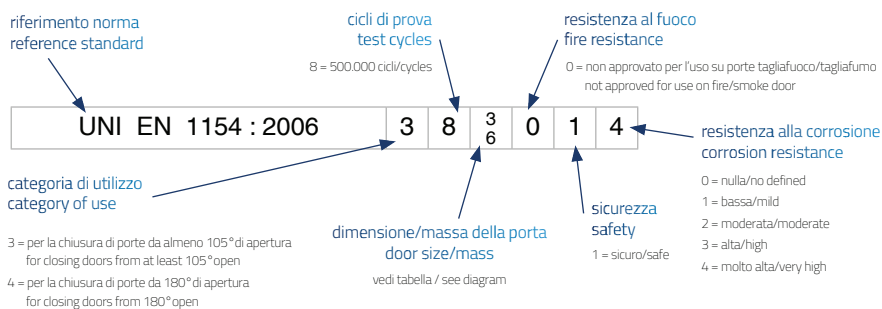


DIMENSIONE VITE SCREW DIMENSION (Passo grosso - Coarse pitch)	COPIA DI SERRAGGIO TIGHTENING TORQUE Nm
M4	3
M5	6
M6	10

UNI EN 1154 : 2006 Come leggere i valori della certificazione / How to read the certification values



Gli articoli OLEODINAMICI appartenenti alle famiglie: BILOBA, EVO e VERTO hanno ottenuto la certificazione EN 1154
The HYDRAULIC articles belonging to the families: BILOBA, EVO and VERTO have obtained the EN 1154 certification



FORZA DI CHIUSURA POWER OF CLOSER	PESO PORTA DOOR WEIGHT	LARGHEZZA PORTA WIDTH OF DOOR
1	20 kg	< 750 mm
2	40 kg	850 mm
3	60 kg	950 mm
4	80 kg	1100 mm
5	100 kg	1250 mm
6	120 kg	1400 mm
7	160 kg	1600 mm

QRcode

Sui principali prodotti troverete il QR Code che riporta alla pagina web di presentazione.

On the main products you find the QR Code that shows you web presentation page.



SIMONSWERK GROUP



 **SIMONSWERK**
HINGE SYSTEMS

Anselmi
MEMBER OF SIMONSWERK

 COLCOM

 SADEV

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