



# CATALOGO GENERALE

## 2024

Member of the  
**SIMONSWERK  
GROUP**

## CERNIERE A SNODO KNUCKLE HINGES

### EVO

#### IN BATTUTA SINGLE ACTION DOOR

#### VETRO / MURO GLASS / WALL

EV 835E10 N ●  
EV 835E11 N ●

#### VETRO / VETRO GLASS / GLASS fissaggio centrale central fixing

EV 835E50 ●  
EV 835E51 ●

#### PROFILO FRAME

EV 835E40 ●

## CERNIERE A PIVOT PIVOT HINGES

### VERTO

#### VA-E-VIENI DOUBLE ACTION DOOR

#### VETRO GLASS

> 100 Kg

VT 101E10 ●  
VT 100E20 ●  
VT 106E10 ●  
VT 106E20/27 ●  
VT 1027 ●

> 150 Kg

VT 150E00 ●  
VT 8200 ●

#### PROFILO FRAME

VT 107E40 ●  
VT 107E42/47 ●

#### IN BATTUTA SINGLE ACTION DOOR

#### PROFILO FRAME

VT 845E10 ●  
VT 845E20 ●

### MAXIMA

#### VA-E-VIENI DOUBLE ACTION DOOR

#### VETRO GLASS

> 80 Kg

MX 1010 ●  
MX 1011 ●  
MX 1020 ●  
MX 1022 ●  
MX 1040 ●  
MX 1050 ●  
MX 1060 ●  
MX 1065 ●  
MX 1070 ●  
MX 1075 ●  
MX 1730 ●  
MX 1735 ●  
MX 1810 ●  
MX 1820 ●  
MX 1825 ●

> 100 Kg

MX 1X10 ●  
MX 1X20 ●  
MX 1X28 ●

### SLASH

#### IN BATTUTA SINGLE ACTION DOOR

#### VETRO / MURO GLASS / WALL

#### fissaggio centrale central fixing

SL D05E30 N ●  
SL D05E32 N ●  
SL D05E60 N ●  
SL D05E62 N ●  
SL D05E70 N ●  
SL D05E72 N ●

cerniere a snodo / knuckle hinges

# EVO "The hydraulic knuckle hinge system for doors"



 **colcom OILDYNAMIC**



all info here!

## IN BATTUTA - SINGLE ACTION DOOR

da / from **pp 176**

da / from **pp 178**

da / from **pp 182**

**VETRO / MURO**  
GLASS / WALL



EV 835E10N



EV 835E11N



EV 835E10NSOL

**VETRO / VETRO**  
GLASS / GLASS



EV 835E50



EV 835E51



EV 835E50SOL

**PROFILO**  
PROFILE



EV 835E40



EV 835E40SOL



Cerniere con chiusura regolabile e controllo costante di frenatura, per tutte le angolazioni di apertura della porta fino a 180°. Controllo costante di frenatura. Cerniere libere da 90° a 180°. Fornite di un ammortizzatore anti-scardinamento e dotate di un dispositivo di sovrappressione che evita rotture in caso di stratonamento accidentale.

Bisagras con cierre ajustable y control constante de frenado, para todos los ángulos de apertura de la puerta hasta 180°. Control constante de frenado. Bisagras "libre" desde 90° a 180°. Provistas de un amortiguador anti-desquiciamiento y equipada con un dispositivo de superpresión que evita la rotura en caso de empujones accidentales.

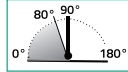
Hinges with adjustable closing and constant braking control, for all door opening angles up to 180°. Free hinges from 90° to 180°. They prevent unhinging through a shock absorber and has an over-pressure device that avoids breaking in accidental shoving scenarios.

Hydraulikbänder mit einer regulierbaren Schließgeschwindigkeit und konstanter Kontrolle der Bremsung, für alle Öffnungswinkel der Tür bis 180°. Mit konstanter Bremskontrolle. Freilauf des Bandes vom 90° bis 180°. Die Bänder sind mit einer Dämpfung ausgestattet, die eine Aushebelung der Tür verhindert, sowie einen etwaigen Überdruck reguliert und somit Bruch durch eventuelle plötzliche Stöße kompensiert.

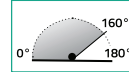
Charnières avec réglage et contrôle de la vitesse de fermeture, pour tout type d'angle jusqu'à 180°. Avec contrôle constant de la fermeture. Charnières libre de 90° à 180°. Ils son munie d'un amortisseur anti-dégondage et équipée d'un dispositif de surpression qui permet d'éviter la rupture en cas de choc accidentel.



**EVO**  
**EV 835E10N**



**EVO**  
**EV 835E11N**



**MAX** 120 Kg- 264 lbs

**Porte - Doors**

8±21,52  
5/16" to 7/8"

800±1200mm  
31.49" to 47.24"

-15°C +5°F  
+40°C +104°F



▪ Cerniera oleodinamica vetro-muro per porte in battuta, con velocità di chiusura regolabile e controllo costante di frenatura; permette un'apertura della porta fino a 180°. Si installa su porte con profilo in battuta. Profondità stipite da 30 a 50 mm.

▪ Bisagra automática hidráulica vidrio-pared para puerta con tope; regulación de velocidad de cierre y control constante de frenado; la puerta se puede abrir hasta 180°. Se instala en puertas con perfil con batida. Profundidad estípite entre 30 y 50 mm.

▪ Hydraulic hinge glass to wall for doors with stop, with adjustable closing speed and constant braking control; the door opens up to 180°. Installed on doors with a profile on a stop. Jamb depth from 30 to 50 mm.

▪ Hydraulikband Glas-Wand für Anschlagtüren, mit regulierbar Schließgeschwindigkeit und konstanter Kontrolle der Bremsung; Öffnung der Tür bis 180°. Man kann es auf Türen mit Rahmen benutzen. Pfostentiefe von 30 bis 50 mm.

▪ Charnière hydraulique verre-mur pour porte à butée avec contrôle constant de la vitesse de fermeture: fermeture, ce qui permet une ouverture de la porte jusqu'à 180°. S'installe sur profil de porte. Profondeur du jambage de 30 à 50 mm.



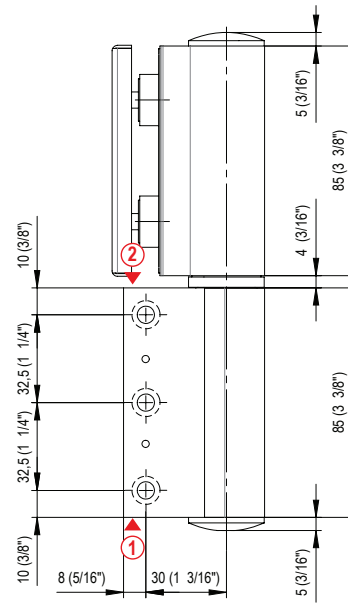
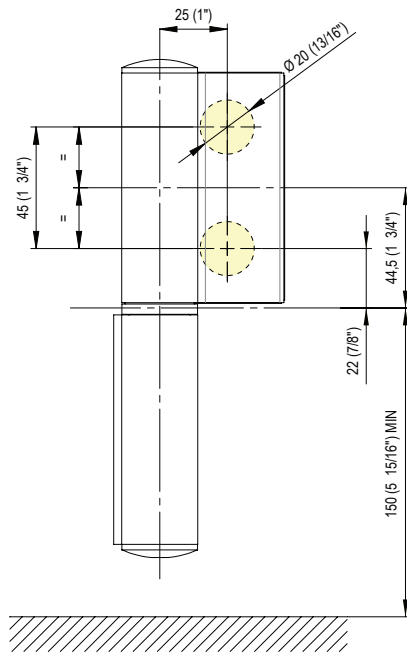
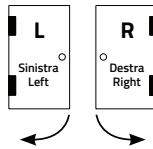
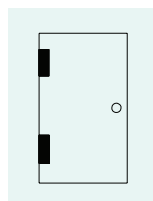
Alluminio / Aluminium : 02-05-13-14-15-16-17-RAL-62

**EV 835E10N R** = destra - right  
**EV 835E10N L** = sinistra - left  
**EV 835E11N R** = destra - right  
**EV 835E11N L** = sinistra - left

**È NECESSARIA UNA BATTUTA IN CHIUSURA IN QUANTO LA CERNIERA HA UNA PRECARICA. THE HINGE HAS A LOADING AND IT IS THEREFORE NECESSARY A CLOSING STOP**



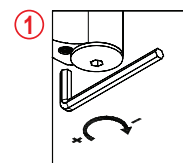
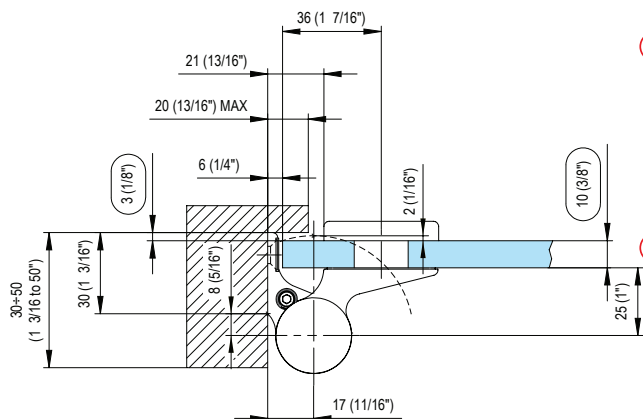
Per installazioni in condizioni ambientali e climatiche particolari (es. Umide, acide, saline), consultare prima l'ufficio commerciale  
For installations in particular environments or climate (ex. Wet, acid, saline) consult sales office first



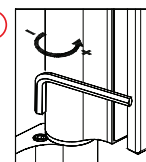
Classificazione secondo normativa - Clasificación según la ley - Classification according to int'l regulation - Klassifizierung nach den Vorschriften - Classification selon la norme



UNI EN 1154 : 2006	3	8	3/6	0	1	4
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Regolazione scatto finale  
Ajuste del resorte final  
Final latch adjustment  
Regulierung der Endschwung  
Réglage de verouillage final

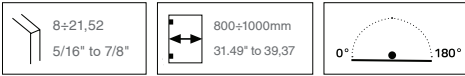


Regolazione della velocità di chiusura  
Ajuste de la velocidad de cierre  
Closing speed adjustment  
Regulierung der Schließgeschwindigkeit  
Réglage de la vitesse de fermeture

# EV 835E10NSOL EVO



MAX 100 Kg - 220 lbs

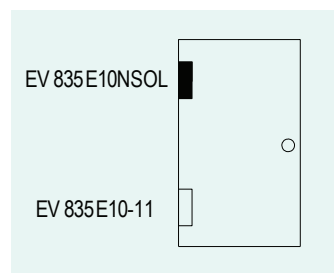
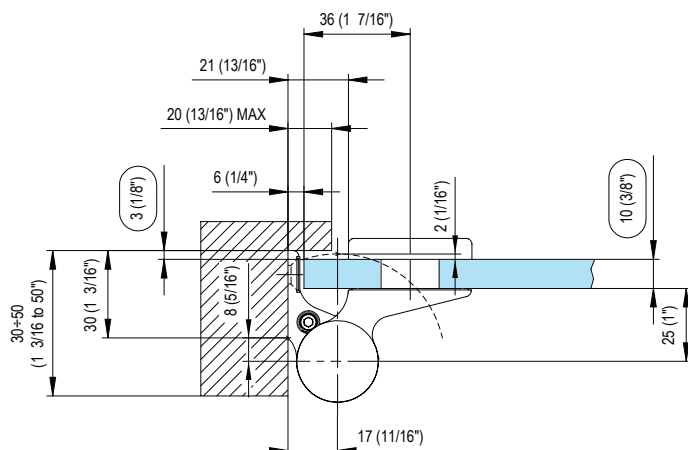
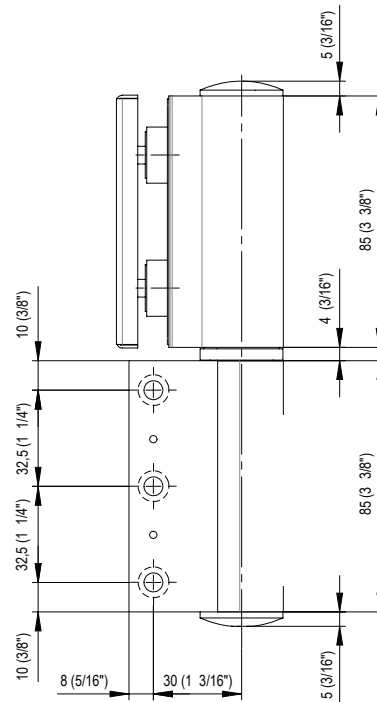
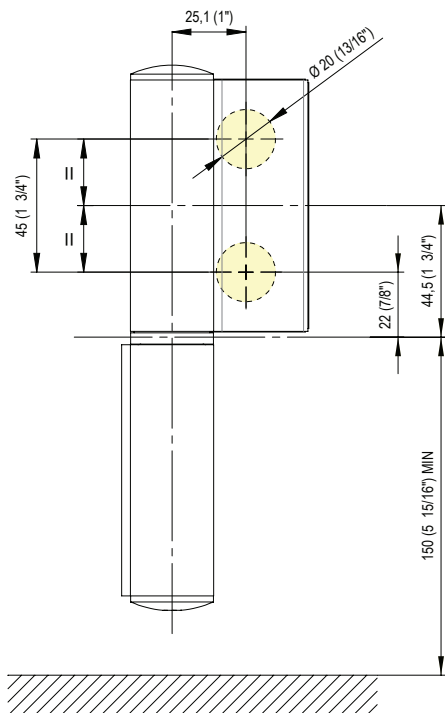
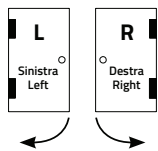


- Cerniera libera vetro-muro per porte in battuta. Da abbinare con EV835E10N-EV835E11N. Si installa su porte con profilo in battuta. Profondità stipite da 30 a 50 mm.
- Bisagra libre pared-vidrio para puertas con tope. Para utilizar junto con EV835E10N-EV835E11N. Se instala en puertas con perfil con batida. Profundidad estípites entre 30 y 50 mm.
- Free hinge wall-glass for doors with stop. To be matched with EV835E10N-EV835E11N. Installed on doors with a profile on a stop. Jamb depth from 30 to 50 mm.
- Freies Band Glas-Wand für Anschlagtüren. Zur Kombination mit EV835E10N-EV835E11N Man kann es auf Türen mit Rahmen benutzen. Pfostentiefe von 30 bis 50 mm.
- Charnière libre verre-mur pour porte à butée. A combiner avec les références EV835E10N-EV835E11N. S'installe sur porte à butée avec profil. Profondeur de jambage 30 à 50 mm.

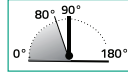


Alluminio / Aluminium : 02-05-13-14-15-16-17-RAL-62

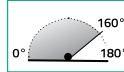
EV 835E10NSOL R = destra - right EV 835E10NSOL L = sinistra - left



**EVO**  
**EV 835E50**



**EVO**  
**EV 835E51**



**MAX** 120 Kg - 264 lbs

**Porte - Doors**

8±21,52  
5/16" to 7/8"

800±1000mm  
31.49" to 39.37"

-15°C +5°F  
+40°C +104°F



▪ Cerniera oleodinamica vetro-vetro per porte in battuta, con velocità di chiusura regolabile e controllo costante di frenatura; permette un'apertura della porta fino a 180°. Si installa su porte con profilo in battuta. Profondità stipite da 30 a 50 mm.

▪ Bisagra automática hidráulica vidrio-vidrio para puerta con tope; regulación de velocidad de cierre de la puerta y control constante de frenado; la puerta se puede abrir hasta 180°. Se instala en puertas con perfil con batida. Profundidad estípite entre 30 y 50 mm.

▪ Hydraulic hinge glass to glass for doors with stop, with adjustable closing speed and constant braking control; the door opens up to 180°. Installed on doors with a profile on a stop. Jamb depth from 30 to 50 mm.

▪ Hydraulikband Glas-Glas für Anschlagtüren, mit regulierbar Schließgeschwindigkeit und konstanter Kontrolle der Bremsung; Öffnung der Tür bis 180°. Man kann es auf Türen mit Rahmen benutzen. Pfostentiefe von 30 bis 50 mm.

▪ Charnière hydraulique verre-mur pour porte en butée, avec vitesse de fermeture réglable et contrôle constant du freinage; permet une ouverture de la porte à 180°. S'installe sur profil de porte. Profondeur de jambage de 30 à 50 mm.



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

**EV 835E50 R** = destra - right

**EV 835E50 L** = sinistra - left



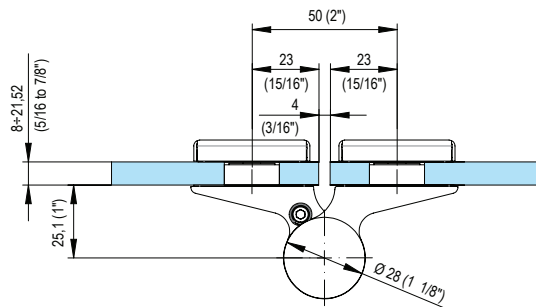
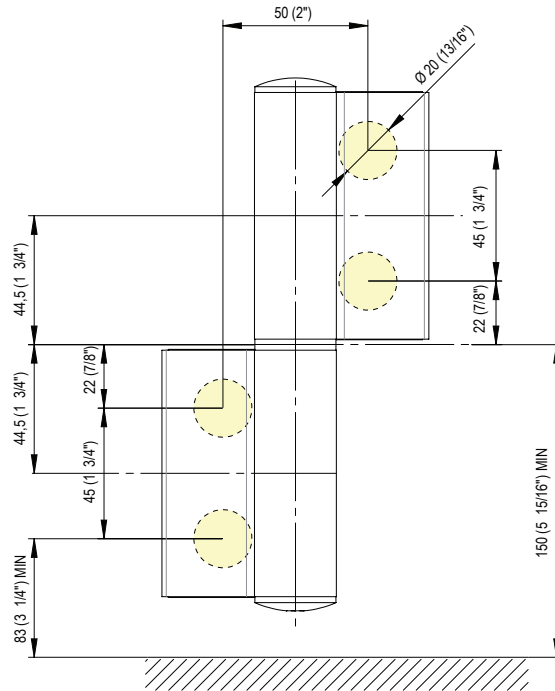
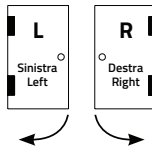
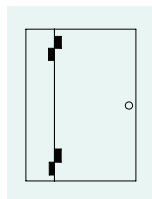
**È NECESSARIA UNA BATTUTA IN CHIUSURA IN QUANTO LA CERNIERA HA UNA PRECARICA. THE HINGE HAS A LOADING AND IT IS THEREFORE NECESSARY A CLOSING STOP**

**EV 835E51 R** = destra - right

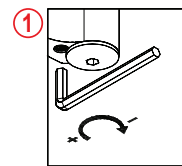
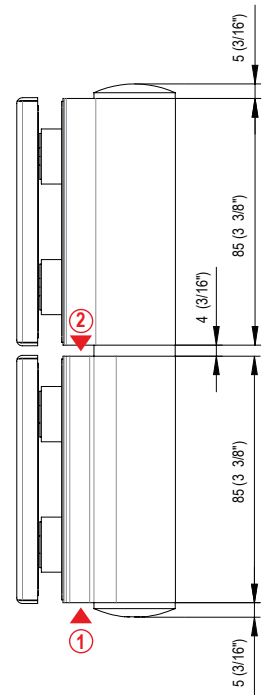
**EV 835E51 L** = sinistra - left



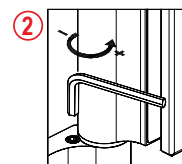
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Classificazione secondo normativa - Clasificación según la ley - Classification according to in1) regulation Klassifizierung nach den Vorschriften - Classification selon la norme				
UNI EN 1154 : 2006	3	8	3/6	0 1 4



Regolazione scatto finale  
Ajuste del resorte final  
Final latch adjustment  
Regulierung der Endschwung  
Réglage de verrouillage final

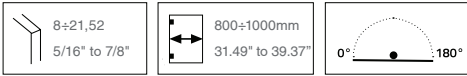


Regolazione della velocità di chiusura  
Ajuste de la velocidad de cierre  
Closing speed adjustment  
Regulierung der Schließgeschwindigkeit  
Réglage de la vitesse de fermeture

# EV 835E50SOL EVO



MAX 100 Kg - 220 lbs

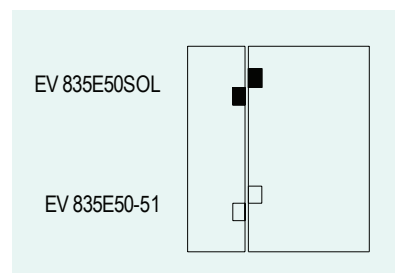
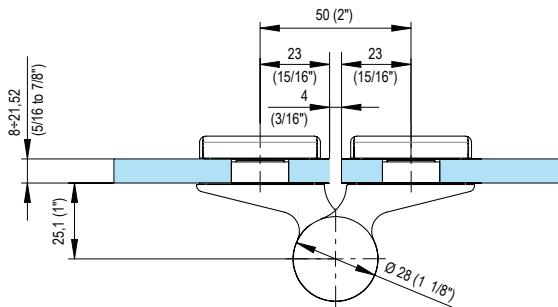
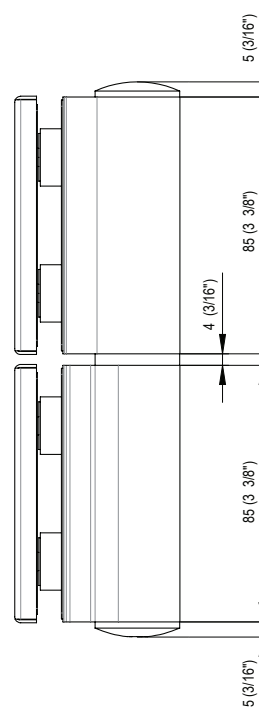
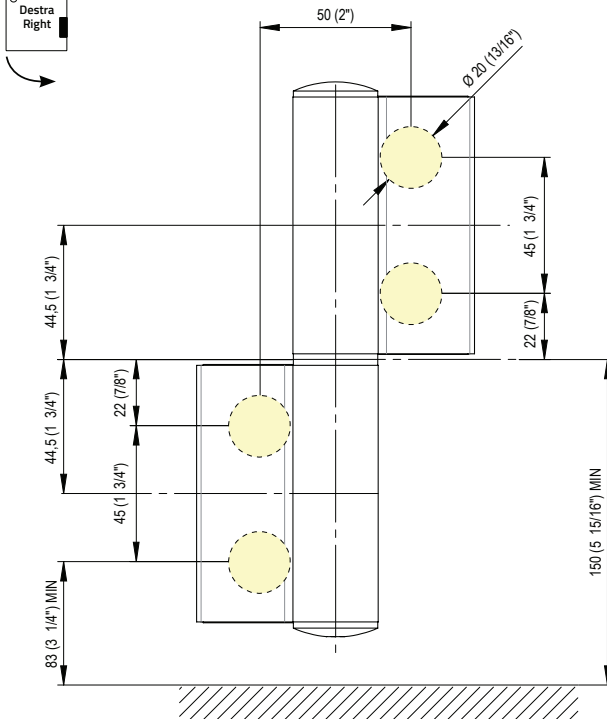
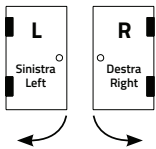


- Cerniera libera vetro-vetro per porte in battuta. Da abbinare con EV 835E50-EV 835E51.
- Bisagra libre vidrio-vidrio para puertas con tope. Para utilizar junto con EV 835E50-EV 835E51.
- Free hinge glass-glass for doors with stop. To be matched with EV 835E50-EV 835E51.
- Freies Band Glas-Glas für Anschlagtüren. Zur Kombination mit EV 835E50-EV 835E51.
- Charnière libre verre contre verre pour porte avec butée. A combiner avec les références EV 835E50-EV 835E51.



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

EV 835E50SOL R = destra - right EV 835E50SOL L = sinistra - left

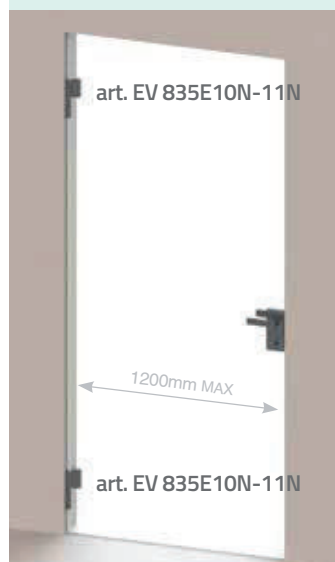




## Riepilogo applicazioni disponibili con Biloba EVO. Chiusura automatica da 90° e 180° Biloba EVO applications summary. Automatic closing from 90° and 180°

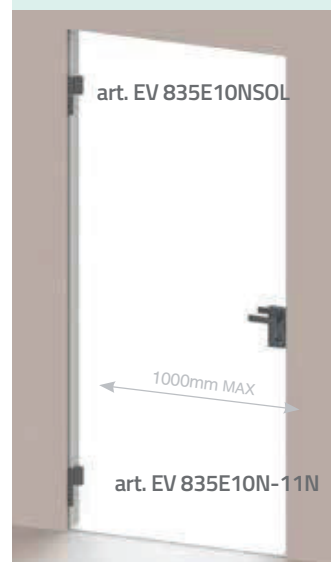
### SOLUZIONE - SOLUTION 1

PER ESTERNI FORZA 3  
FOR OUTDOORS FORCE 3



### SOLUZIONE - SOLUTION 2

PER INTERNI FORZA 1  
FOR INDOORS FORCE 1



- 2 cerniere EVO nella versione standard
- Disponibile nelle versioni vetro-muro art.EV 835E10N e vetro-vetro art. EV 835E50
- Per porte fino a 120 kg
- Anta da 800mm a 1200 mm
- Sp. vetro 8-21.52 mm
- Per esterni
- Forza 3

- 2 bisagras EVO versión standard
- Disponible en las versiones pared-vidrio art.EV 835E10N y vidrio-vidrio art.EV 835E50
- Para puertas hasta 120 kg
- Ancho de puerta de 800mm a 1200 mm
- Espesor de vidrio 8-21.52 mm
- Para exteriores
- Fuerza 3

- 2 EVO hinges in the standard version
- Available glass-to-wall, item EV 835E10N and glass-to-glass item EV 835E50
- For doors up to 120 kg
- Door width from 800 mm to 1200 mm
- Glass thickness 8 - 21.52 mm
- For outdoors
- Force 3

- 2 Hydraulikbänder EVO Standard Version
- Verfügbar in der Ausführung Glas-Wand Art.EV 835E10N und Glas-Glas Art.EV 835E50
- Für Glstüren bis 120 kg
- Türbreite von 800mm bis 1200 mm
- Glasdicke 8-21.52 mm
- Für Außen
- Stärke 3

- 2 charnières EVO dans la version standard
- Disponible dans les versions verre-art.EV 835E10N et verre-verre art.EV 835E50
- Pour portes jusqu'à 120 kg
- Battant de 800mm à 1200 mm
- Ép. vitre 8-21.52 mm
- Pour extérieur
- Force 3

- 1 cerniera EVO standard 1 cerniera Evo Libera
- Disponibile nelle versioni vetro-muro art.EV 835E10NSOL e vetro-vetro art.EV 835E50SOL
- Per porte fino a 100 kg
- Anta da 600mm a 1000 mm
- Sp. vetro 8-21.52 mm
- Per interni
- Forza 1

- 1 bisagra EVO standard 1 bisagra Evo Libre
- Disponible en las versiones pared-vidrio art. EV 835E10NSOL y vidrio-vidrio art.EV 835E50SOL
- Para puertas hasta 100 kg
- Ancho de puerta de 600mm a 1000 mm
- Espesor de vidrio 8-21.52 mm
- Para interiores
- Fuerza 1

- 1 standard EVO + 1 free Evo
- Available glass-to-wall, item EV 835E10NSOL and glass-to-glass item EV 835E50SOL
- For doors up to 100 kg
- Door width from 600 mm to 1000 mm
- Glass thickness 8 - 21.52 mm
- For indoors
- Force 1

- 1 Hydraulikband EVO Standard 1 Hydraulikband Evo mit Freilauf
- Verfügbar in den Ausführungen Glas-Wand Art.EV 835E10NSOL und Glas-Glas Art.EV 835E50SOL
- Für Glstüren bis 100 kg
- Türbreite von 600mm bis 1000 mm
- Glasdicke 8-21.52 mm
- Für Innenräume
- Stärke 1

- 1 charnière EVO standard et 1 charnière Evo Libre
- Disponible dans les versions verre-mur art. EV 835E10NSOL et verre-verre art.EV 835E50SOL
- Pour portes jusqu'à 100 kg
- Battant de 600mm à 1000 mm
- Ép. verre 8-21.52 mm
- Pour intérieur
- Force 1



# EV 835E40 EVO



MAX 120 Kg - 264 lbs

Porte - Doors

30±50mm 1 1/4" to 2"	800±1200mm 31.49" to 47.24"	-15°C +5°F +40°C +104°F	80° 90° 0° 180°
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▪ Cerniera oleodinamica per frame e per porte in battuta, con velocità di chiusura regolabile e controllo costante di frenatura; permette un'apertura della porta fino a 180°. Stop a +90° +180°. Si installa su porte con profilo in battuta. Profondità stipite da 30 a 50 mm.

▪ Bisagra automática hidráulica para perfil y puerta con tope; regulación de velocidad de cierre de la puerta y control constante de frenado; la puerta se puede abrir hasta 180°. Stop a +90° +180°. Se instala en puertas con perfil con batida. Profundidad estípite entre 30 y 50 mm.

▪ Hydraulic hinge for frames, for doors with stop, with adjustable closing speed and constant braking control; the door opens up to 180°. Stop at +90° +180°. Installed on doors with a profile on a stop. Jamb depth from 30 to 50 mm.

▪ Hydraulikband für Profilschlagtüren, mit regulierbar Schließgeschwindigkeit und konstanter Kontrolle der Bremsung; Öffnung der Tür bis 180°. Feststellung +90° +180°. Man kann es auf Türen mit Rahmen benutzen. Pfostentiefe von 30 bis 50 mm.

▪ Charnière hydraulique pour profils en porte à butée avec contrôle constant de la vitesse de fermeture; permet une ouverture de la porte jusqu'à 180°. Stop à +90° +180°. S'installe sur profil de porte. Profondeur du jambage de 30 à 50 mm.



Alluminio / Aluminium : 02-05-13

EV 835E40 R = destra - right  
EV 835E40 L = sinistra - left



È NECESSARIA UNA BATTUTA IN CHIUSURA IN QUANTO LA CERNIERA HA UNA PRECARICA. THE HINGE HAS A LOADING AND IT IS THEREFORE NECESSARY A CLOSING STOP



SOLO APER PORTE IN LEGNO • SOLO PARA PUERTAS EN MADERA • FOR WOODEN DOORS ONLY • NUR FÜR HOLZTÜREN • UNIQUEMENT POUR PORTES EN BOIS

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	3/6	0	1	4

**1**

Regolazione scatto finale  
Ajuste del resorte final  
Final latch adjustment  
Regulierung der Endschwung  
Réglage de verouillage final

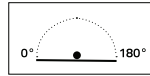
**2**

Regolazione della velocità di chiusura  
Ajuste de la velocidad de cierre  
Closing speed adjustment  
Regulierung der Schließgeschwindigkeit  
Réglage de la vitesse de fermeture

# EV 835E40SOL EVO



MAX 120 Kg - 264 lbs



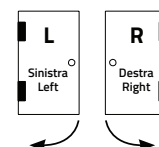
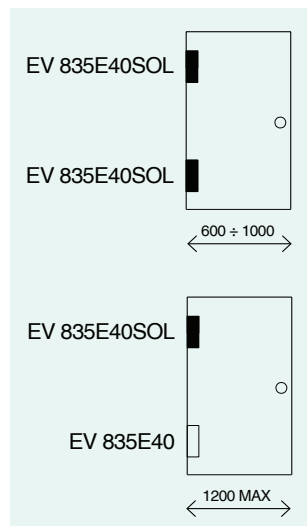
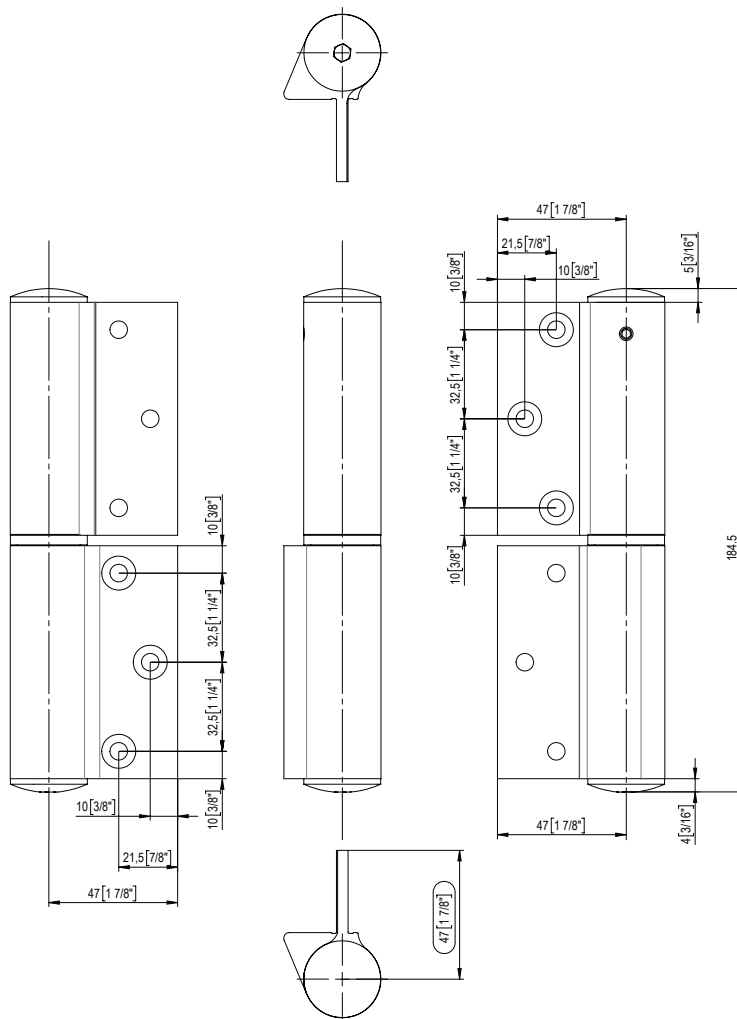
- Cerniera libera per frame e per porte in battuta. Da abbinare con EV 835E40. Si installa su porte con profilo in battuta. Profondità stipite da 30 a 50 mm.
- Bisagra libre para perfil y puertas con tope. Para utilizar junto con EV 835E40. Se instala en puertas con perfil con batida. Profundidad estípita entre 30 y 50 mm.
- Free hinge for frames, for doors with stop. To be matched with EV 835E40. Installed on doors with a profile on a stop. Jamb depth from 30 to 50 mm.
- Freies Band für Profilschlagtüren. Zur Kombination mit EV 835E40. Man kann es auf Türen mit Rahmen benutzen. Pfostentiefe von 30 bis 50 mm.
- Charnière libre pour profile en porte à butée. A combiner avec EV 835E40. S'installe sur porte à butée avec profil. Profondeur jambage 30 à 50 mm.



Alluminio / Aluminium : 02-05-13

EV 835E40SOL R = destra - right EV 835E40SOL L = sinistra - left

**i** SOLO APER PORTE IN LEGNO • SOLO PARA PUERTAS EN MADERA • FOR WOODEN DOORS ONLY • NUR FÜR HOLZTÜREN • UNIQUEMENT POUR PORTES EN BOIS



OLEODINAMICHE  
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	

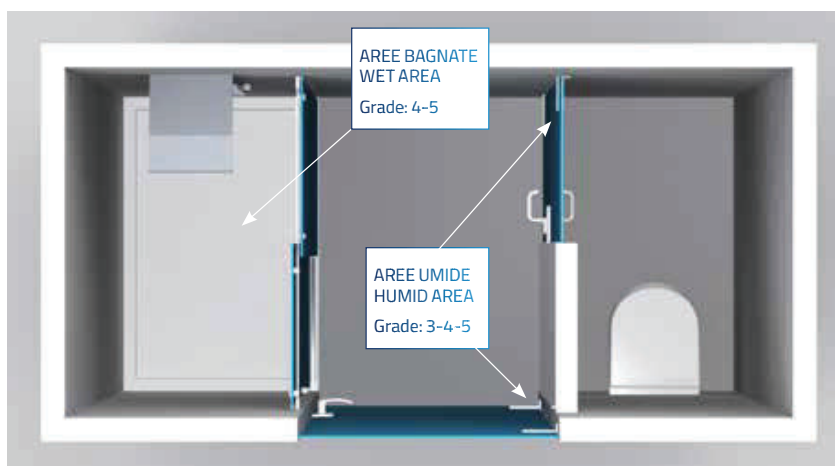
\* ATTENZIONE: Per installazioni in condizioni ambientali e climatiche particolari (es. umide, acide, saline), consultare prima l'ufficio commerciale  
 CAUTION: For installations in particular environments or climate (ex. wet, acid, saline) consult sales office first

**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

<b>1</b> Bassa resistenza alla corrosione Low corrosion resistance	<b>2</b> Moderata resistenza alla corrosione Moderate corrosion resistance	<b>3</b> Alta resistenza alla corrosione High corrosion resistance	<b>4</b> Resistenza molto alta alla corrosione Very high corrosion resistance	<b>5</b> 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

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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

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## 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°.



**materiale e finiture  
material and finishes**

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

**avvertenze - warnings**

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.

**note e informazioni - notes and information**

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.

### Legenda simboli / Symbol legend





■ categoria prodotto / product category : 
 

**Box doccia**  
Shower boxes
 


**Porte**  
Doors
 


**Partizioni**  
Partitioning


■ tipologia articolo / item typology :

 <p><b>colcom</b> <b>OILDYNAMIC</b></p> <p><b>Articolo oleodinamico</b> Hydraulic item</p>	 <p><b>A AUTOMATIC HINGE</b></p> <p><b>Cerniera automatica</b> Automatic hinge</p>	 <p><b>FL FINAL LATCH HINGE</b></p> <p><b>Cerniera a scatto</b> Clicking hinge</p>	 <p><b>FREE HINGE</b></p> <p><b>Cerniera libera</b> Free hinge</p>
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 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 :

 <p><b>Sistema oleodinamico</b> Hydraulic system</p>	 <p><b>Prodotto certificato</b> Certified product</p>	 <p><b>Prodotto brevettato</b> Patented product</p>	 <p><b>Regolazione del punto 0°</b> 0° point adjustability</p>
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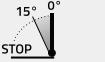

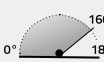


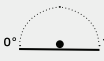

**Spessore del vetro**  
Glass thickness


**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**

 <p>                     apertura / opening : ± 90°                      stop da / stop from : ± 90° a/to ± 80° 0°                      chiusura automatica / automatic closing : ± 80°                 </p>	 <p>                     apertura / opening : 90°                      stop da / stop from : 90° a/to 80°                      chiusura automatica / automatic closing : 80°                 </p>	 <p>                     apertura / opening : + 90° - 90°                      stop da / stop from : ± 90° a/to ± 15°                      chiusura automatica / automatic closing : ± 15°                 </p>
 <p>                     apertura / opening : 90°                      stop da / stop from : 90° a/to 15° 0°                      chiusura automatica / automatic closing : 15°                 </p>	 <p>                     apertura / opening : 180°                      stop da / stop from : 180° a/to 80°                      chiusura automatica / automatic closing : 80°                 </p>	 <p>                     apertura / opening : 180°                      stop da / stop from : 180° a/to 160°                      chiusura automatica / automatic closing : 160°                 </p>
 <p>                     apertura / opening : 180°                      stop da / stop from : 180° a/to 70°                      chiusura automatica / automatic closing : 70°                 </p>	 <p>                     apertura / opening : ± 90°                      stop da / stop from : ± 90° a/to ± 85° 0°                      chiusura automatica / automatic closing : ± 85°                 </p>	 <p>                     apertura / opening : 0° a/to 180°                      stop da / stop from : NO                      chiusura automatica / automatic closing : NO                 </p>

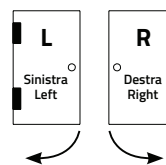
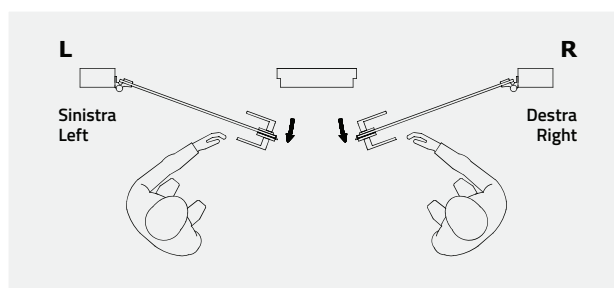

**AVVERTENZA!** Leggere con attenzione  
**WARNING!** Read carefully


**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

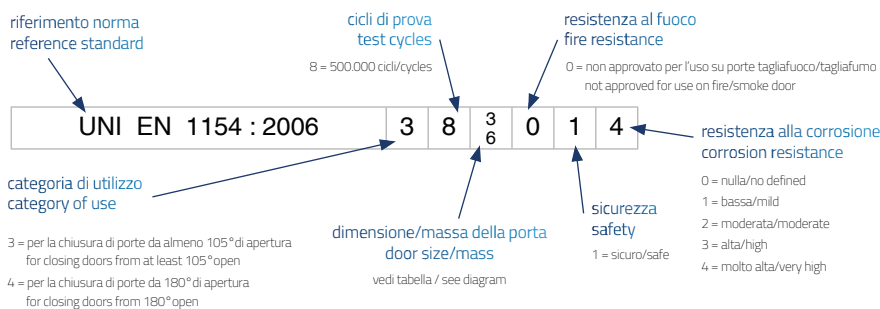


DIMENSIONE VITE SCREW DIMENSION (Passo grosso - Coarse pitch)	COPIA DI SERRAGGIO TIGHTENING TORQUE Nm
M4	3
M5	6
M6	10

## 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

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

**COLCOM GROUP Srl - VIA DEGLI ARTIGIANI, 52 Int.1 - 25075 NAVE (BRESCIA) - ITALIA**  
Tel. (+39) 030 2532008 - Fax (+39) 030 2534707 - E-mail : [info@colcomgroup.it](mailto:info@colcomgroup.it)

**HEAD OFFICE CONTACTS** Italy : [info@colcomgroup.it](mailto:info@colcomgroup.it) Other countries : [export@colcomgroup.it](mailto:export@colcomgroup.it)