

GRAVITY®

3000-BALCONGLAS

CON SCORRIMENTO A TERRA

BOTTOM ROLLING



METALGLAS
BONOMI

ITALY

01/2024



GRAVITY®



Mi piace un posto
se mi fido della sua luce.

*I like a place
if I trust its light.*

*Ich mag einen Ort
wenn ich seinem Licht vertraue.*

(Fabrizio Caramagna)



GRAVITY®-3000

NUOVO SISTEMA AD IMPACCHETTAMENTO CON SCORRIMENTO SU GUIDA INFERIORE

Il peso è completamente scaricato a terra e ciò aumenta la facilità di scorrimento delle ante, la durata del sistema e la silenziosità.

Grazie all'innovazione brevettata Metalglas, il sistema funziona perfettamente anche con una flessione della trave superiore.

NEW BOTTOM ROLLING SLIDE AND TURN SYSTEM

The weight is completely discharged to the floor: the doors slide more smoothly, the whole system lasts longer and it is much more silent. Thanks to the patented Metalglas innovation, the system works perfectly even with an upper structure deflection.

NEUES AM BODEN LAUFENDES SCHIEBE-DREH-SYSTEM

Das Gewicht wird vollständig in den Boden abgeleitet, wodurch die Türen leichter gleiten, das gesamte System länger halt und viel leiser ist. Dank der patentierten Metalglas-Innovation funktioniert das System einwandfrei auch bei einer Durchbiegung des oberen Balkens.

GRAVITY®-3000

NUOVO SISTEMA AD IMPACCHETTAMENTO CON SCORRIMENTO SU GUIDA INFERIORE

Nuove chiusure ad impacchettamento con scorrimento su guida inferiore.

Favorisce una maggiore versatilità, perché permette l'installazione del prodotto su ogni tipo di struttura.

Il peso è completamente scaricato a terra e ciò aumenta la facilità di scorrimento delle ante, la durata del sistema e la silenziosità.

NEW BOTTOM ROLLING SLIDE AND TURN SYSTEM

New slide and turn system with sliding on bottom channel.

Great versatility: the product can be installed on any type of structure.

The weight is completely discharged to the floor: the doors slide more smoothly, the whole system lasts longer and it is much more silent.

NEUES AM BODEN LAUFENDES SCHIEBE-DREH-SYSTEM

Neues Schiebe-Dreh-System mit Bodenlast.

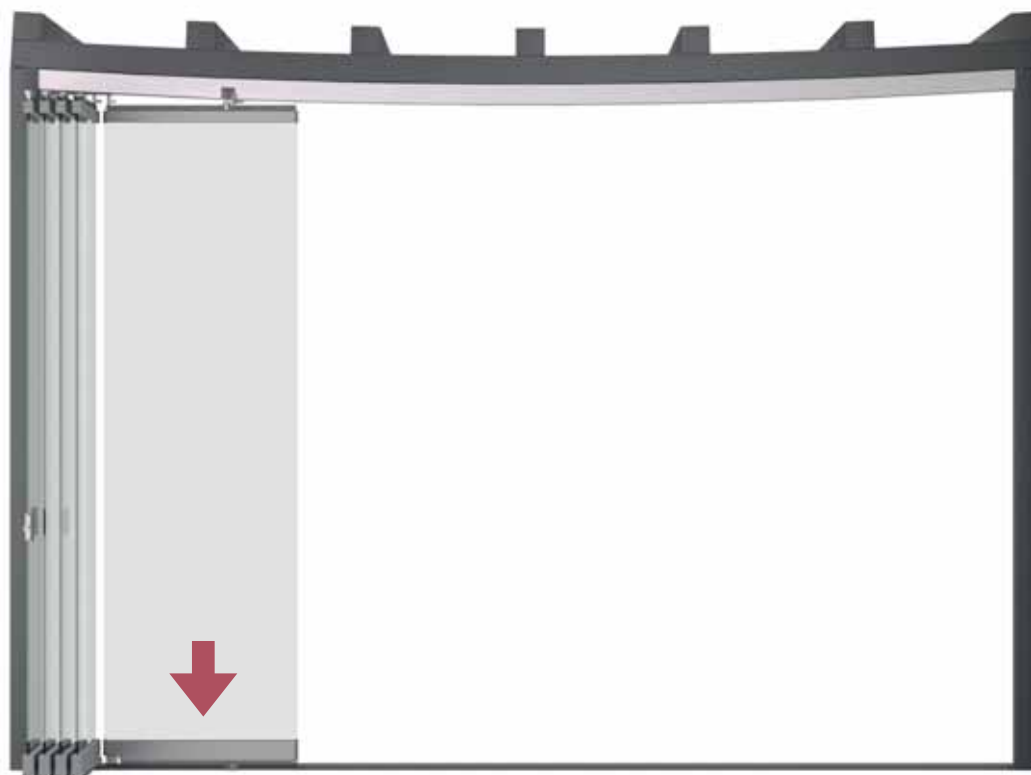
Die Vielseitigkeit ist größer, da das Produkt auf jeder Art von Struktur installiert werden kann.

Das Gewicht wird vollständig in den Boden abgeleitet, wodurch die Türen leichter gleiten, das gesamte System länger halt und viel leiser ist.



PATENT
PENDING

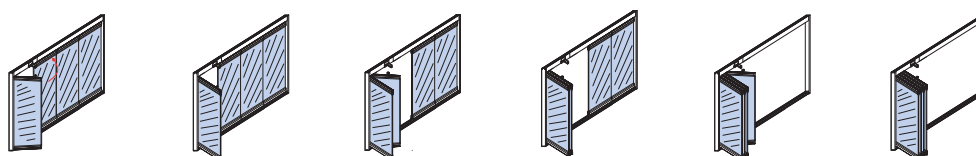
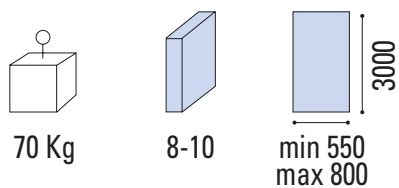




Nuovo sistema a pannelli mobili impacchettabili con scorrimento a terra brevettato Metalglas.

Metalglas patented bottom rolling new slide and turn system.

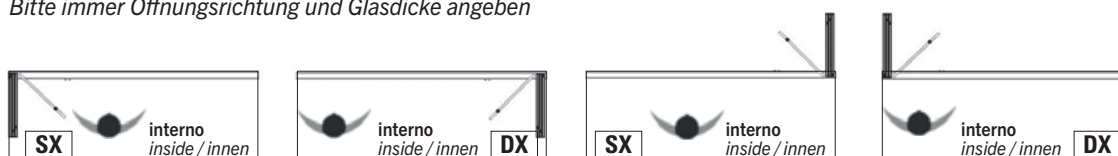
Neues am Boden laufendes patentiertes Metalglas-Schiebe-Dreh-System.

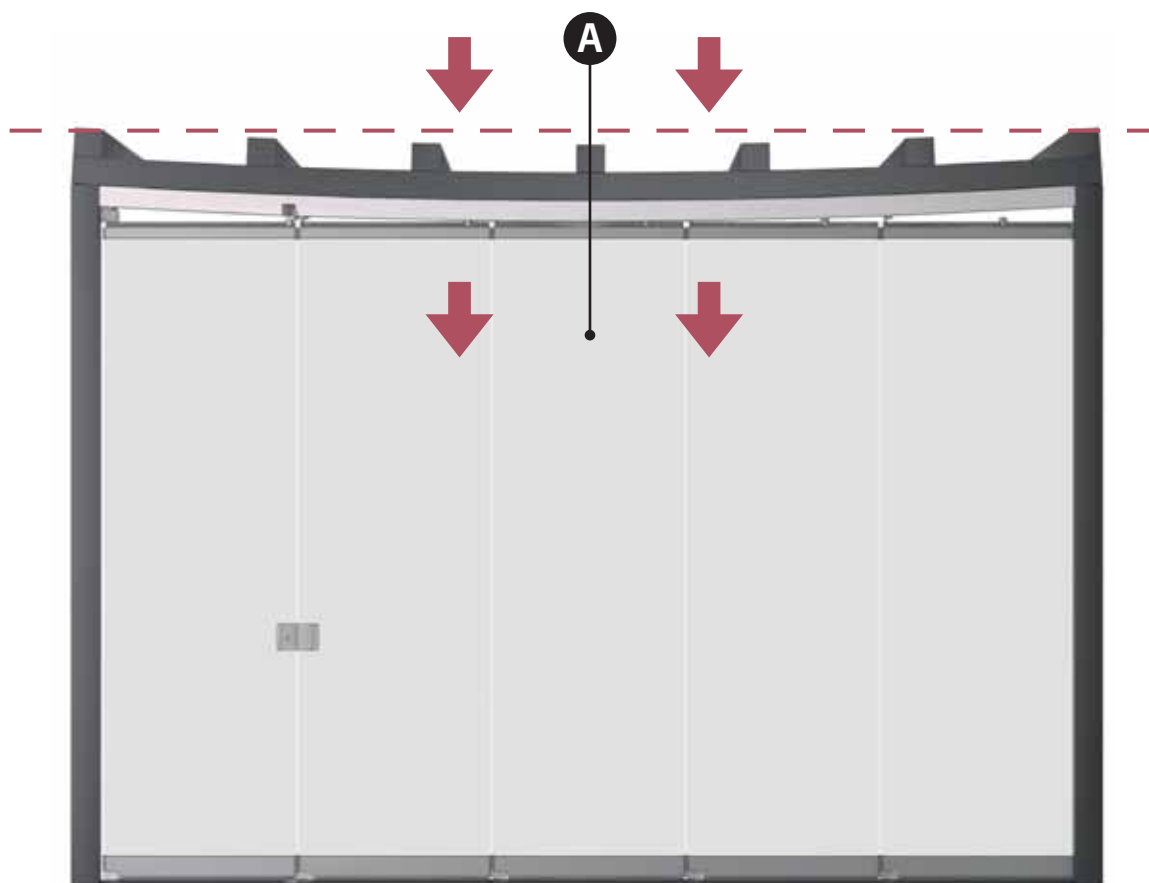


Indicare sempre il verso di apertura e lo spessore vetro

Please specify always opening direction and glass thickness

Bitte immer Öffnungsrichtung und Glasdicke angeben

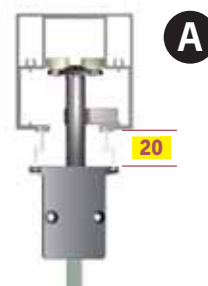




**Grazie all'innovazione brevettata Metalglas,
il sistema funziona perfettamente anche con una flessione
della trave superiore fino a 20 mm.**

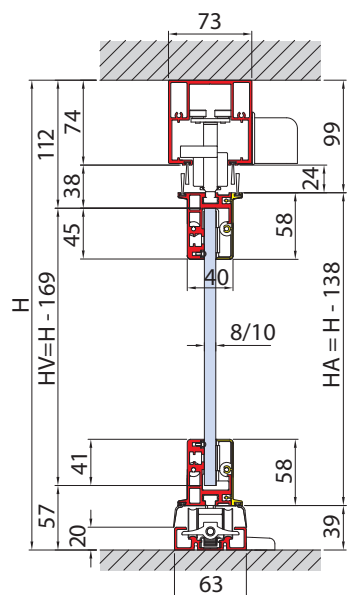
*Thanks to the patented Metalglas innovation, the system works perfectly
even with an upper structure deflection up to 20 mm.*

*Dank der patentierten Metalglas-Innovation funktioniert das System
einwandfrei auch bei einer Durchbiegung des oberen Balkens von bis zu 20 mm.*



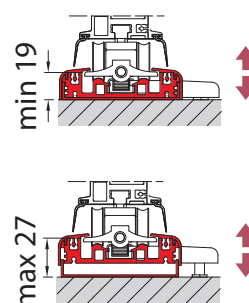
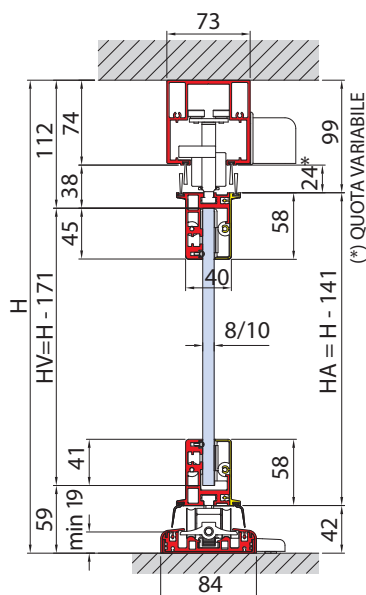
GUIDA A TERRA FISSA

*Not adjustable floor channel
Nicht verstellbare Bodenführung*



GUIDA A TERRA REGOLABILE

*Adjustable floor channel
Verstellbare Bodenführung*



xme678e

CARATTERISTICHE

FEATURES - EIGENSCHAFTEN

1

CARRELLI IN ALLUMINIO

con ruote verticali ed orizzontali su cuscinetti per uno scorrimento fluido e preciso.

ALUMINIUM CARRIAGES

with vertical and horizontal wheels on bearings for smooth and accurate sliding.

LAUFWAGEN AUS ALUMINIUM

mit vertikalen und horizontalen Rädern auf Kugellagern für ein gleichmäßiges und exaktes Gleiten.

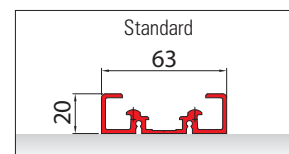


2

GUIDE A TERRA, un unico prodotto, due possibili scelte per adattarsi ad ogni esigenza.

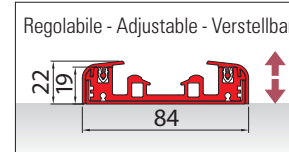
FLOOR CHANNELS:

a single product, two possible choices to suit every need.



BODENFÜHRUNGEN

zwei möglichen Varianten um sich an jeden Bedarf anzupassen.

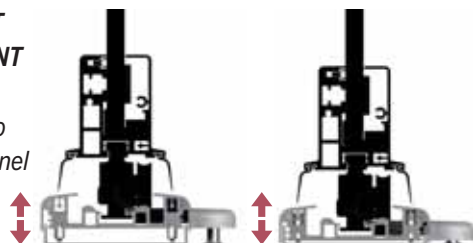


3

SISTEMA DI REGOLAZIONE IN ALTEZZA incorporato nella guida a terra (optional).

EASY HEIGHT ADJUSTMENT SYSTEM

integrated into the floor channel (optional).



EINFACHES

HÖHENVERSTELLSYSTEM integriert in der optionalen Bodenführung.

4

SISTEMA DI IMPACCHETTAMENTO DUREVOLE, FACILE E SICURO grazie al meccanismo brevettato FALCE.

DURABLE, SECURE AND EASY STACKING SYSTEM

thanks to the patented mechanism FALCE.

LANGLEBIGES, SICHERES UND EINFACHES DREH SYSTEM

dank des patentierten FALCE-Mechanismus.



5

FLESSIBILITÀ: il sistema è in grado di sopportare una flessione della trave superiore fino a 20 mm.

FLEXIBILITY: the system works perfectly even with an upper structure deflection up to 20 mm.



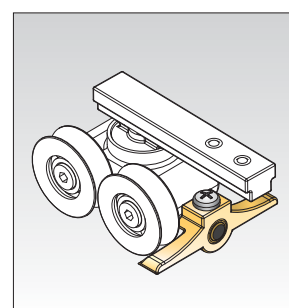
FLEXIBILITÄT: das System funktioniert einwandfrei auch bei einer Durchbiegung des oberen Balkens von bis zu 20 mm.

6

ANTISOLLEVAMENTO DELLE ANTE integrato nel carrello per una sicurezza assoluta.

ANTI-LIFTING DOORS integrated into the trolley for absolute safety.

Im Wagen ist ein System integriert, das **EIN ANHEBEN DER TÜREN VERHINDERT.**

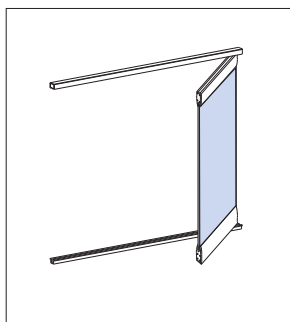


7

POSSIBILITÀ DI PORTA LATERALE.

*POSSIBILITY
FOR SIDE DOOR.*

*MÖGLICHKEIT
FÜR SEITENTÜR.*

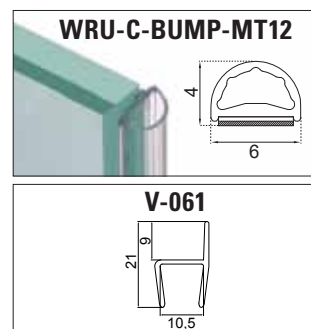


8

POSSIBILITÀ DI GUARNIZIONE per chiusura arie.

*POSSIBILITY OF GASKET
to close gaps.*

*MÖGLICHKEIT EINER
DICHTUNG
um Glasspalt
zu reduzieren.*

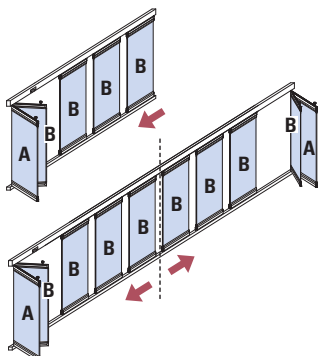


9

APERTURA CON IMPACCHETTAMENTO da un lato oppure da entrambi i lati.

*FOLDING OPENING
on one side
or central opening.*

*ÖFFNUNG MIT FALTUNG
auf einer Seite oder
mittige Öffnung.*



10

POSSIBILITÀ DI CHIUSURA CON SERRATURA.

*POSSIBILITY OF
LOCKING.*

*MÖGLICHKEIT EINES
MITTELSCHLOSS.*



GRAVITY®

**IL PESO È COMPLETAMENTE
SCARICATO A TERRA E CIÒ
AUMENTA LA FACILITÀ DI
SCORRIMENTO DELLE ANTE,
LA DURATA DEL SISTEMA
E LA SILENZIOSITÀ.**

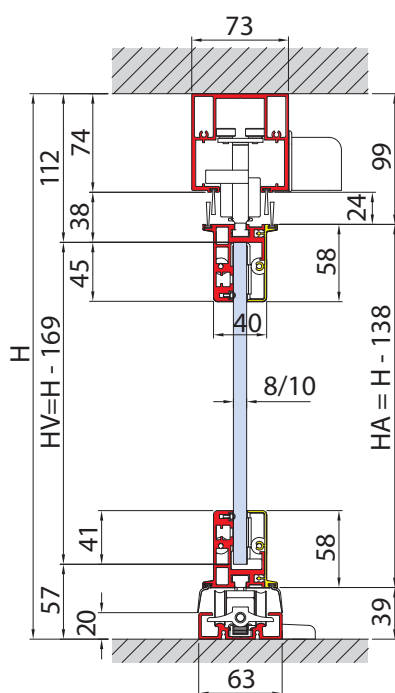
*The weight is completely
discharged to the floor:
the doors slide more smoothly,
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*Das Gewicht wird vollständig
in den Boden abgeleitet,
wodurch die Türen leichter
gleiten, das gesamte System
länger halt und viel leiser ist.*

SEZIONI SECTIONS - QUERSCHNITTE

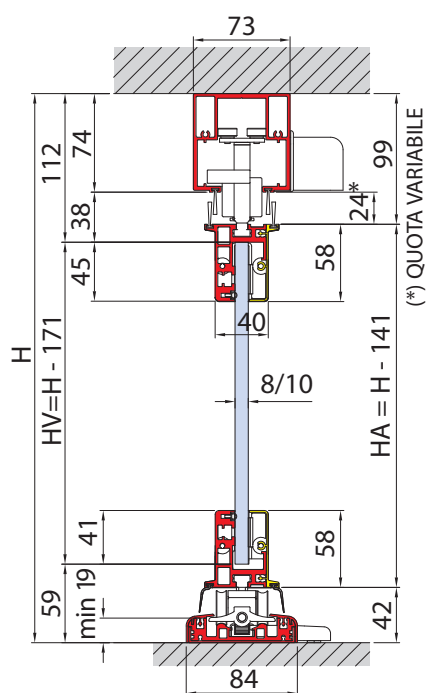
GRAVITY®-3000

GUIDA A TERRA FISSA
Not adjustable floor channel
Nicht verstellbare Bodenführung

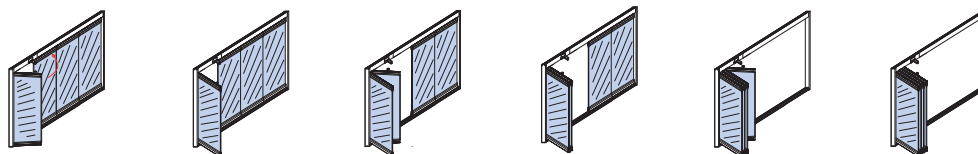
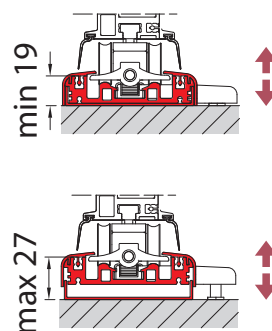


HV = H - 169
HA = H - 138

GUIDA A TERRA REGOLABILE
Adjustable floor channel
Verstellbare Bodenführung



HV = H - 171
HA = H - 141



Indicare sempre il verso di apertura e lo spessore vetro
Please specify always opening direction and glass thickness
Bitte immer Öffnungsrichtung und Glasdicke angeben

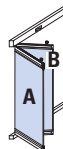




CONFIGURAZIONI DEI SET SET CONFIGURATIONS - SYSTEMKONFIGURATION

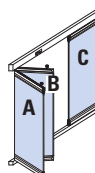
GRAVITY®-3000-SET2

SISTEMA A 2 PANNELLI MOBILI IN VETRO
SLIDE AND TURN SYSTEM WITH 2 PANELS
SCHIEBE-DREH-SYSTEM 2-FLÜGELIG
LB max = 1600 mm



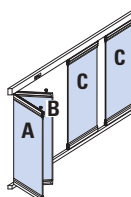
GRAVITY®-3000-SET3

SISTEMA A 3 PANNELLI MOBILI IN VETRO
SLIDE AND TURN SYSTEM WITH 3 PANELS
SCHIEBE-DREH-SYSTEM 3-FLÜGELIG
LB max = 2400 mm



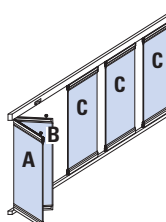
GRAVITY®-3000-SET4

SISTEMA A 4 PANNELLI MOBILI IN VETRO
SLIDE AND TURN SYSTEM WITH 4 PANELS
SCHIEBE-DREH-SYSTEM 4-FLÜGELIG
LB max = 3200 mm



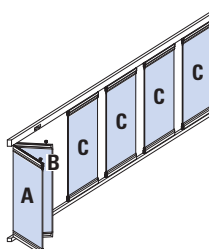
GRAVITY®-3000-SET5

SISTEMA A 5 PANNELLI MOBILI IN VETRO
SLIDE AND TURN SYSTEM WITH 5 PANELS
SCHIEBE-DREH-SYSTEM 5-FLÜGELIG
LB max = 4000 mm



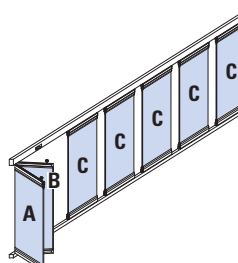
GRAVITY®-3000-SET6

SISTEMA A 6 PANNELLI MOBILI IN VETRO
SLIDE AND TURN SYSTEM WITH 6 PANELS
SCHIEBE-DREH-SYSTEM 6-FLÜGELIG
LB max = 4800 mm



GRAVITY®-3000-SET7

SISTEMA A 7 PANNELLI MOBILI IN VETRO
SLIDE AND TURN SYSTEM WITH 7 PANELS
SCHIEBE-DREH-SYSTEM 7-FLÜGELIG
LB max = 5600 mm













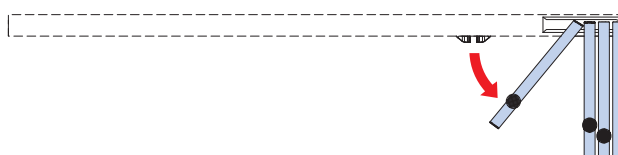
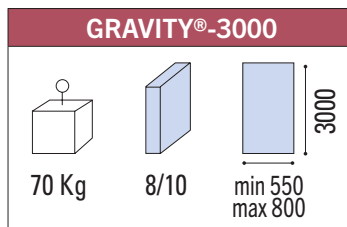


SEZIONE TECNICA TECHNICAL PAGES - TECHNISCHE SEITEN

Sistema ad ante scorrevoli
impacchettabili, con guida a terra
minimale e regolabile.
Profili fermavetro continui
a misura standard
per una consegna più veloce,
da tagliare secondo necessità
a cura del cliente.

*Slide and turn system, with minimal
adjustable floor channel. Glass profiles
provided in standard length,
cut by installer, for a quick delivery.*

*Schiebe-Dreh-System, mit minimaler
und verstellbarer Bodenführung.
Glasleistenprofile in Standardlänge,
ablangbar, für rasche Lieferung.*



GRAVITY®-3000-SET2	LB max = 1600 mm	(A) (B)
GRAVITY®-3000-SET3	LB max = 2400 mm	(A) (B) (C)
GRAVITY®-3000-SET4	LB max = 3200 mm	(A) (B) (C) (C)
GRAVITY®-3000-SET5	LB max = 4000 mm	(A) (B) (C) (C) (C)
GRAVITY®-3000-SET6	LB max = 4800 mm	(A) (B) (C) (C) (C) (C)
GRAVITY®-3000-SET7	LB max = 5600 mm	(A) (B) (C) (C) (C) (C) (C)

(A)

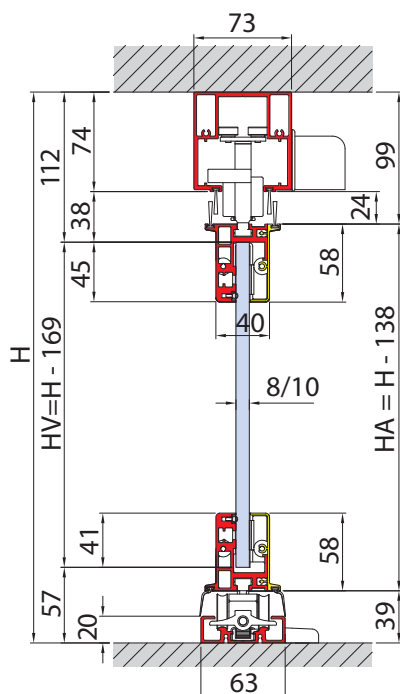
- Porta laterale
- Pivot door
- Dreh-Tür

(B)

- Anta scorrevole
- Sliding panel
- Schiebeflügel

GUIDA A TERRA FISSA

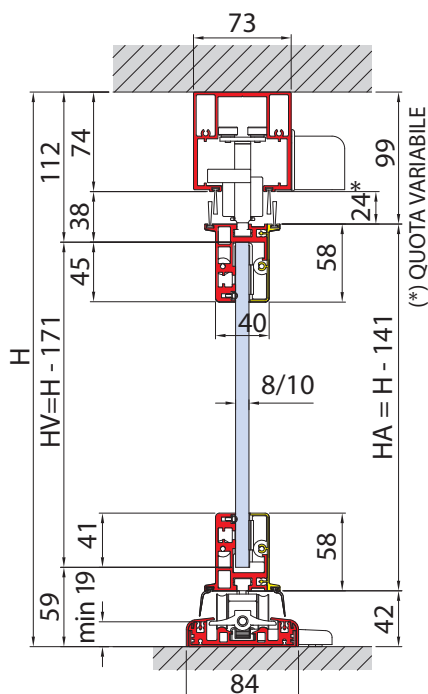
*Not adjustable floor channel
Nicht verstellbare Bodenführung*



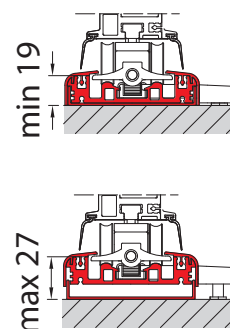
HV = H - 169
HA = H - 138

GUIDA A TERRA REGOLABILE

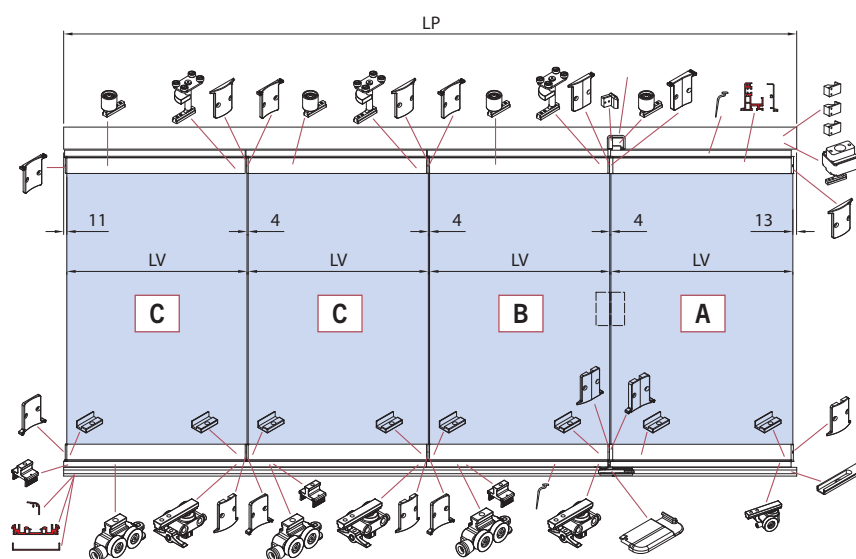
*Adjustable floor channel
Verstellbare Bodenführung*



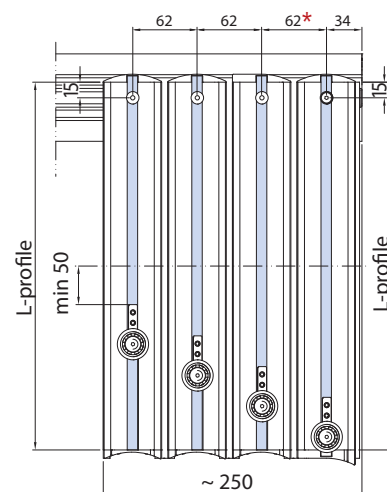
HV = H - 171
HA = H - 141



CON GUIDA A TERRA WITH FLOOR CHANNEL - MIT BODENSCHIENE



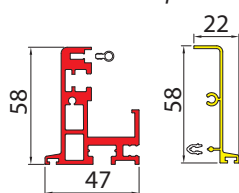
*passo / spacing



Profilo ferma vetro

Glass profile

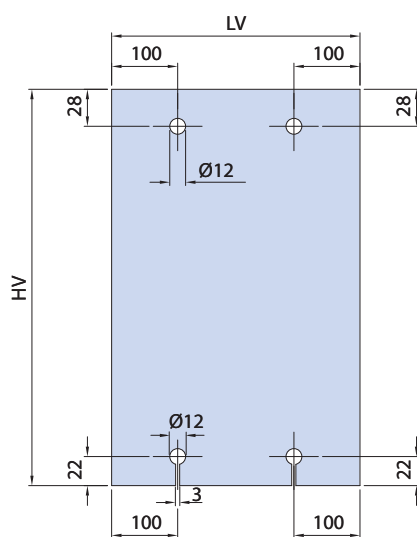
Glasleistenprofil



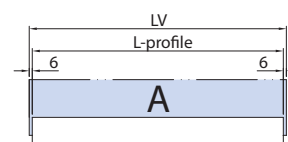
Lavorazione vetro

Preparation glass

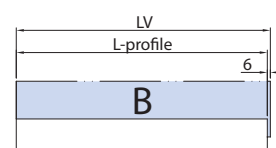
Glasbearbeitung



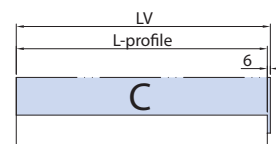
$$\begin{aligned} AT &= (N - 1) \times 4 + 11 + 13 \\ X &= LP - AT \\ LV &= X / N \end{aligned}$$



$$\text{L-profile A} = LV - 12$$



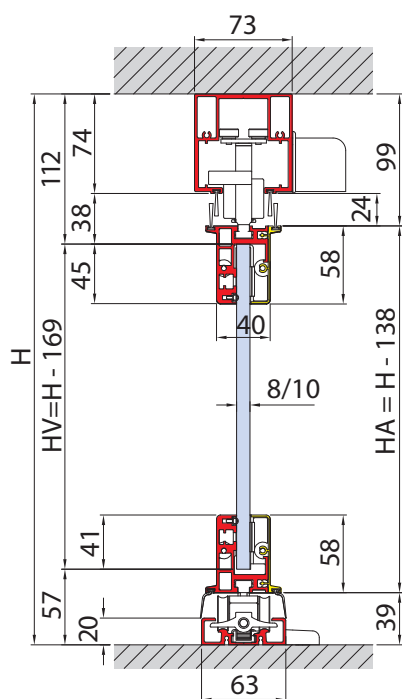
$$\text{L-profile B} = LV - 6$$



$$\text{L-profile C} = LV - 6$$

GUIDA A TERRA FISSA

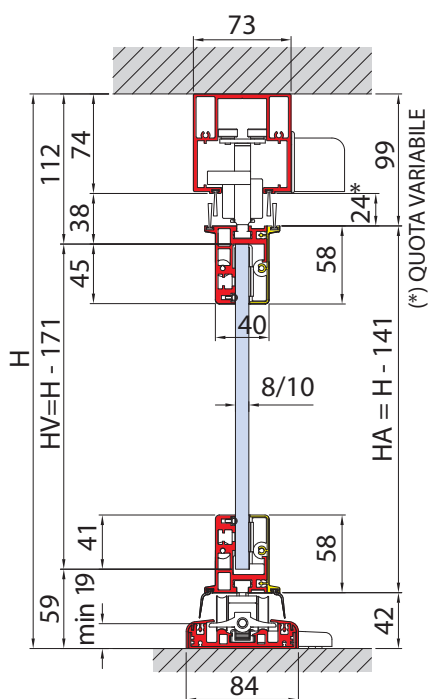
Not adjustable floor channel
Nicht verstellbare Bodenführung



HV = H - 169
HA = H - 138

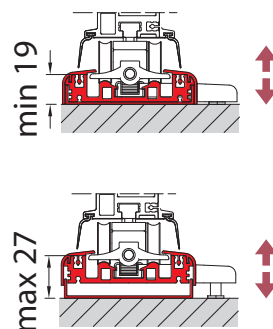
GUIDA A TERRA REGOLABILE

Adjustable floor channel
Verstellbare Bodenführung



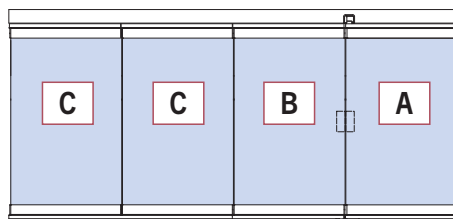
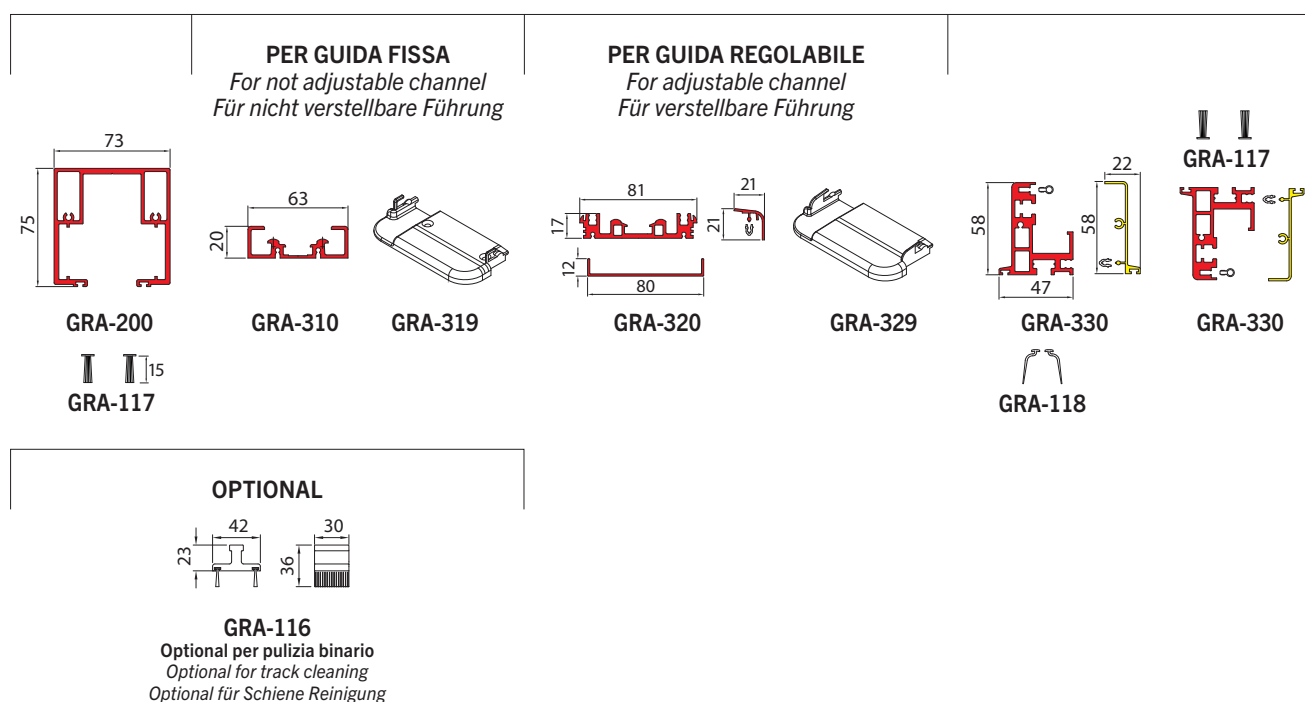
HV = H - 171
HA = H - 141

(*) QUOTA VARIABILE



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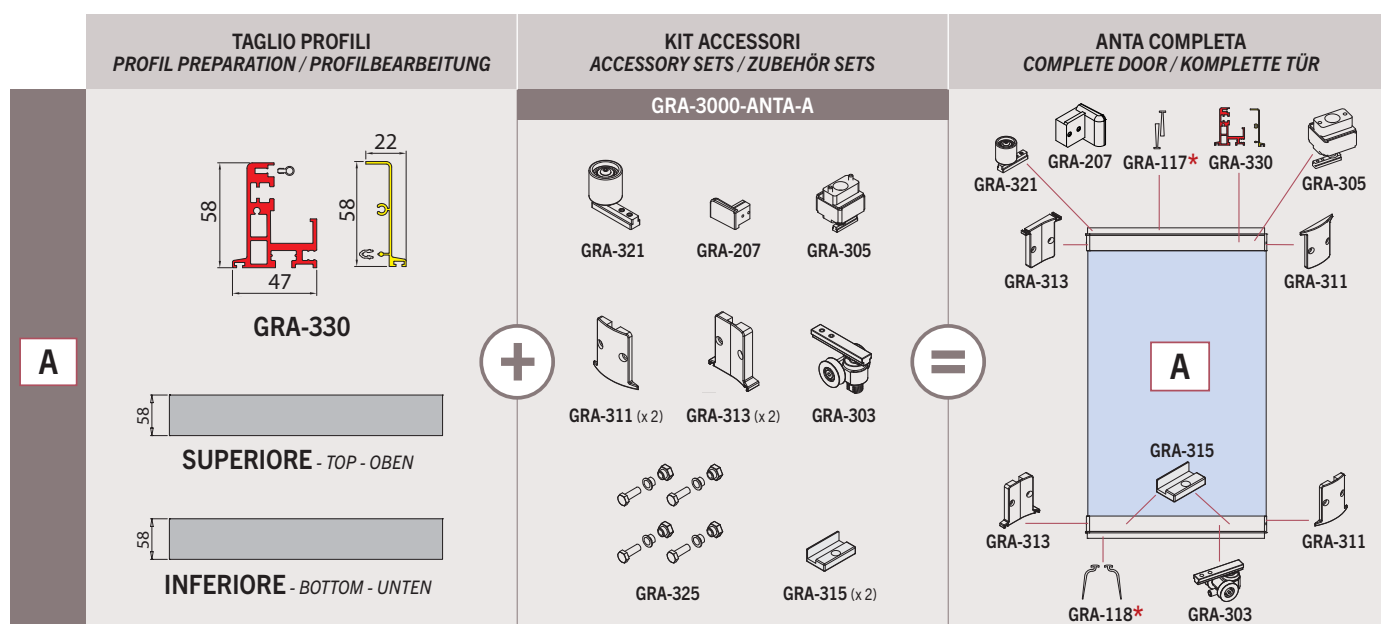
COME ASSEMBLARE LE ANTE PANELS ASSEMBLY - MONTAGE DER PANEELE



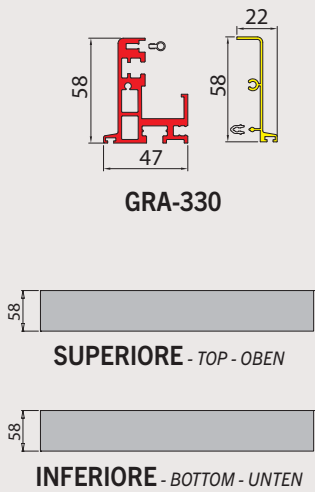
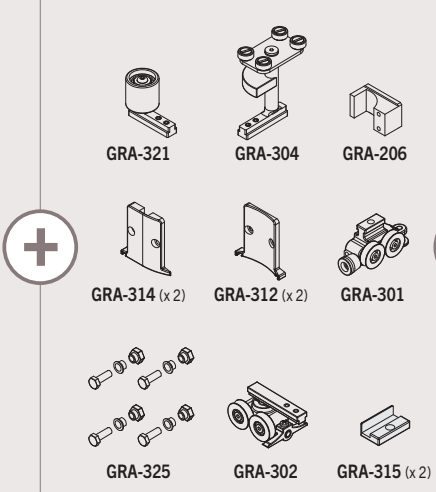
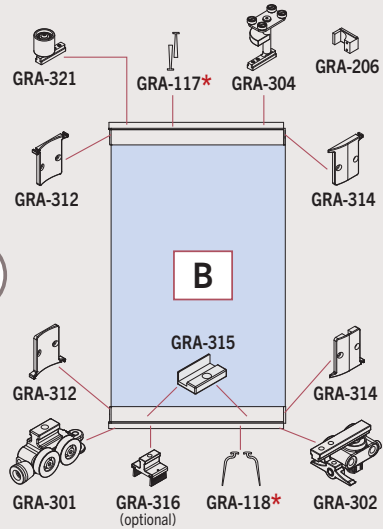
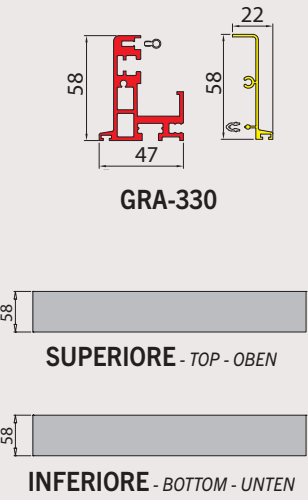
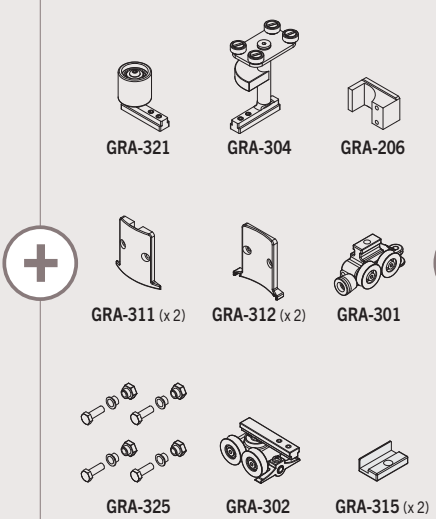
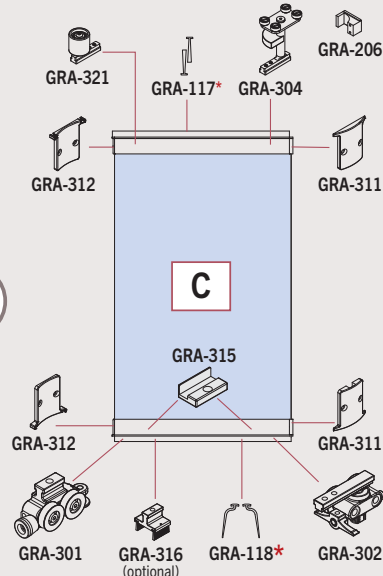
A Porta laterale
*Pivot door
Dreh-Tür*

B Prima anta scorrevole
*First sliding panel
Erster Schiebeflügel*

C Anta scorrevole
*Sliding panel
Schiebeflügel*



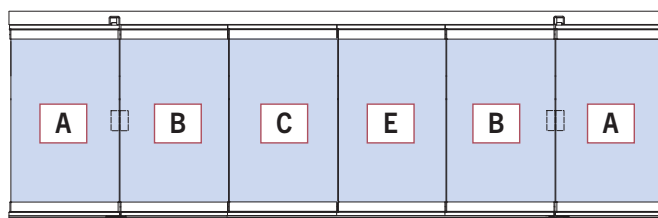
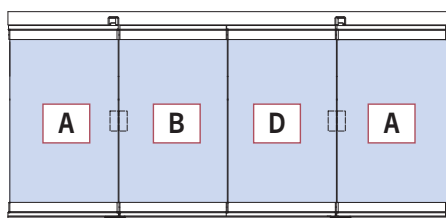
* Da ordinare a parte - To be ordered separately - Separat zu bestellen

	TAGLIO PROFILI PROFIL PREPARATION / PROFILBEARBEITUNG	KIT ACCESSORI ACCESSORY SETS / ZUBEHÖR SETS	ANTA COMPLETA COMPLETE DOOR / KOMPLETTE TÜR
B	 GRA-330 SUPERIORE - TOP - OBEN INFERIORE - BOTTOM - UNTEN	GRA-3000-ANTA-B 	
C	 GRA-330 SUPERIORE - TOP - OBEN INFERIORE - BOTTOM - UNTEN	GRA-3000-ANTA-C 	

* Da ordinare a parte - To be ordered separately - Separat zu bestellen

ANTE DIFFERENTI PER SET DOPPI

Different panels for double set - Andere Flügel für Doppelset



D Prima anta scorrevole set 2+2
First sliding panel set 2+2
Erster Schiebeflügel Set 2+2

E Ultima anta scorrevole altri set doppi
Last sliding panel for double sets
Letzter Schiebeflügel für Doppelset

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E	GRA-330 SUPERIORE - TOP - OBEN INFERIORE - BOTTOM - UNTEN	GRA-3000-ANTA-E GRA-321 GRA-304 GRA-206 GRA-311 (x 4) GRA-301 GRA-325 GRA-302 GRA-315 (x 2)	

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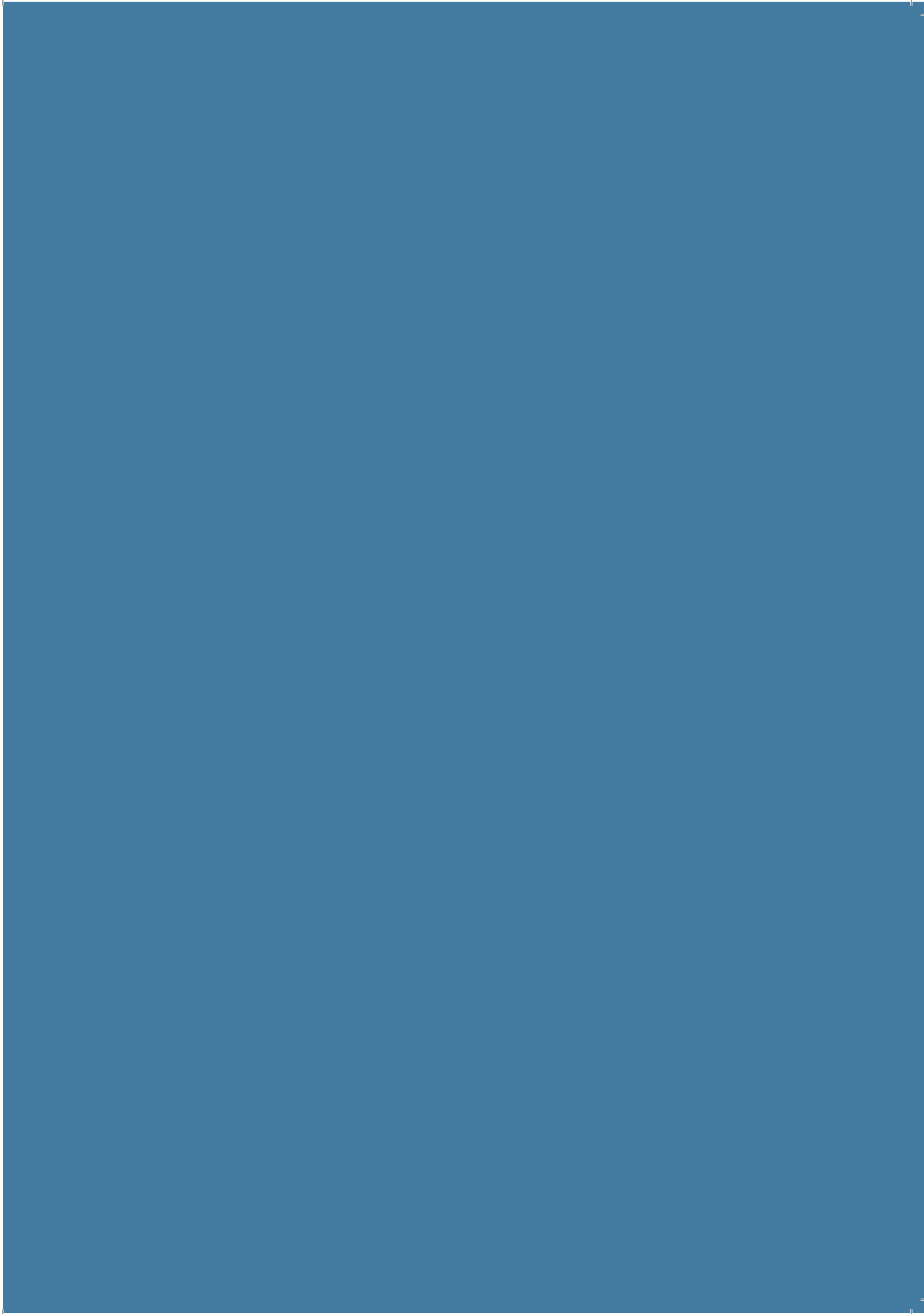
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