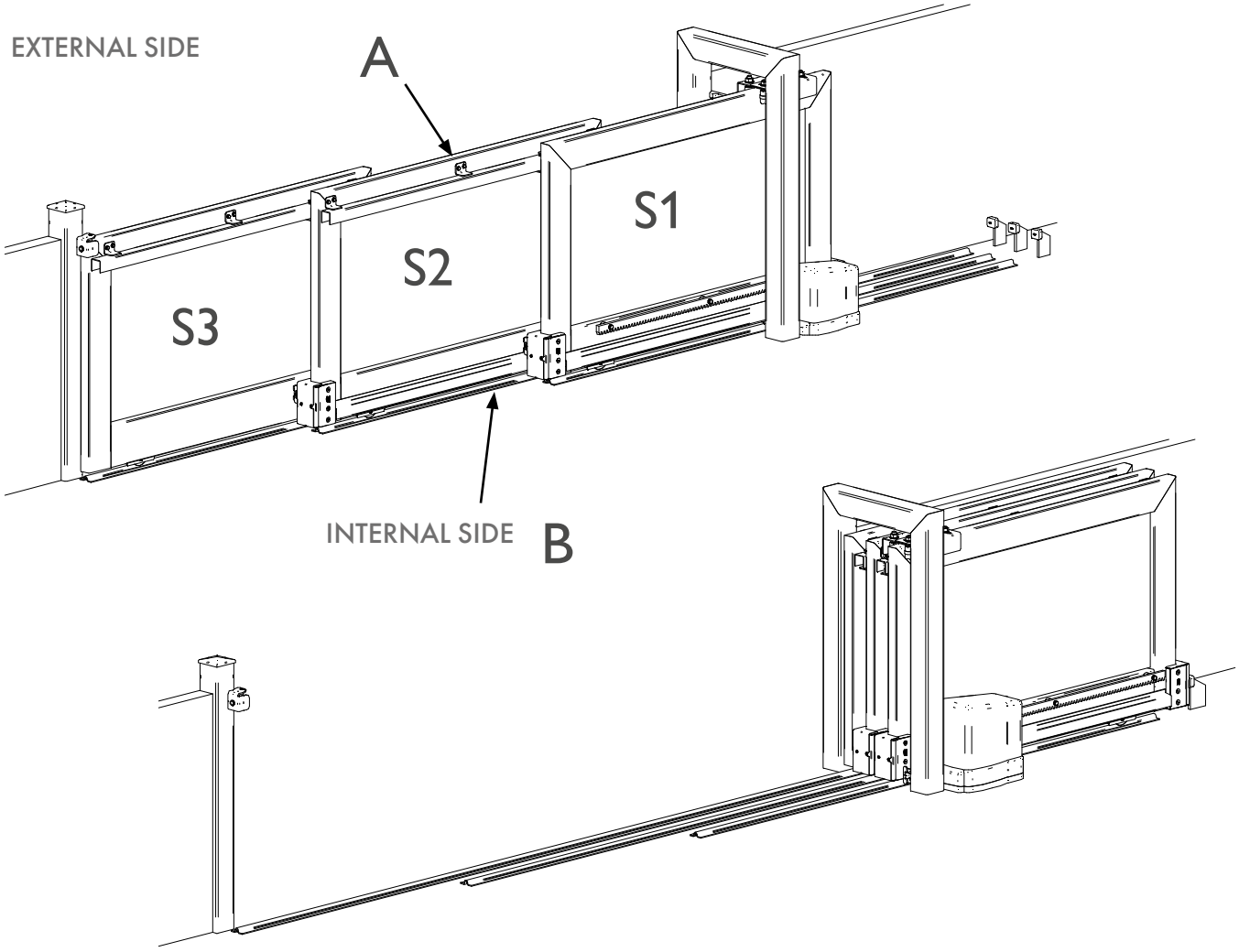
MULTI-LEAF TELESCOPIC KIT

Galvanized accessories Kit for the installation of a 3 leaves telescopic gate. A gear motor may be required to control the operating speed and the load on the motor. The kit is designed to be mounted on the right side (for the left side version see p9)

RIGHT VERSION (FOR THE LEFT VERSION SEE PAGE 9)



OPENING UP TO 12m		
KA5102.412	**D.100 half-round groove wheels 20mm**	M
		M

COMPONENTI
COMPONENTS

x2

VA5102

x4

VA5203

x2

VA3502

x1

VA3204

A max		12m
n° pz		14

VA5302

x4

VA4101

x6

VA1104/VA1404

A max		12m
n° pz		20

VA5411

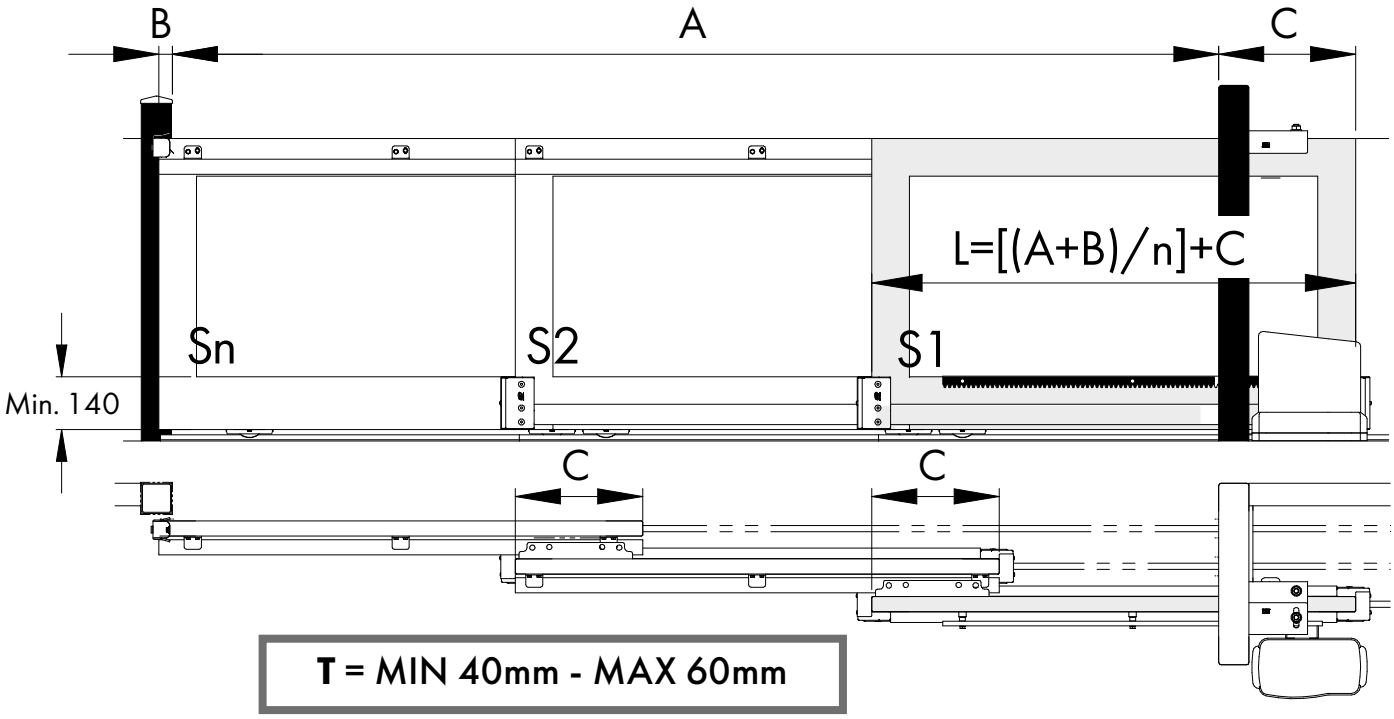
RELATED ARTICLES

SCAN ME

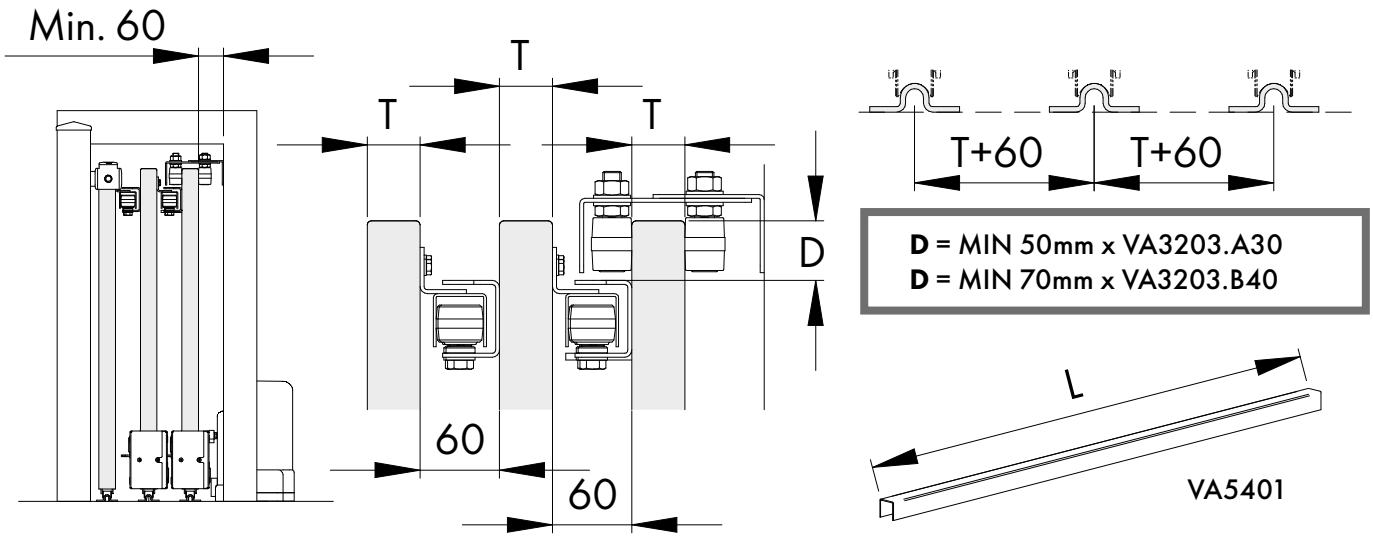
VA5401

VA2102
VA2402

VA4203



T = MIN 40mm - MAX 60mm



D = MIN 50mm x VA3203.A30
D = MIN 70mm x VA3203.B40

KA5102.412

LEAVES DIMENSIONING

Max gate weight = 600 Kg

OPENING (A)	C min	L (m) with B=0,1 m
3	0,35	1,39
4	0,35	1,72
5	0,35	2,05
6	0,35	2,39
7	0,35	2,72
8	0,35	3,05
9	0,35	3,39
10	0,35	3,72
11	0,35	4,05
12	0,35	4,39

EXAMPLE OF OUT-OF-TABLE MEASUREMENTS

n = 3 (leaves number)

A = 9,6 m

B = 0,06 m (selected by the customer)

C = 0,35 m (see table)

L = [(A+B)/n] + C

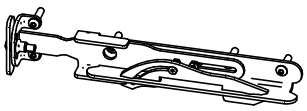
L = [(9,6+0,06)/3] + 0,35 = 3,57

TECHNICAL INFO

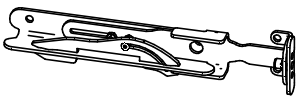
1. The use of limit stops and the installation of safety screws is compulsory.
2. For the motor choice = you have to consider the weight that the motor has to support, unlike the normal cases. To calculate the gate weight, you need to add the weight of the first leaf to twice the weight of the second leaf, to the triple weight of the third leaf, and so on...
Weight S1 + (2x weight S2) + (3x weight S3).
3. Recommended motor: 24-volt DC
4. Optimal tension of the cable: the ideal traction is the one necessary to keep the wire in a horizontal position. A lower or higher tension of the cable can shorten its duration.
5. Second and third leaf maximum closing speed = 0,18m/s
6. Abrupt variations in speed can cause elastic effects between the leaves.
7. Accelerations, decelerations and high-speed variations can shorten the system duration and can cause malfunctions and disruptions.

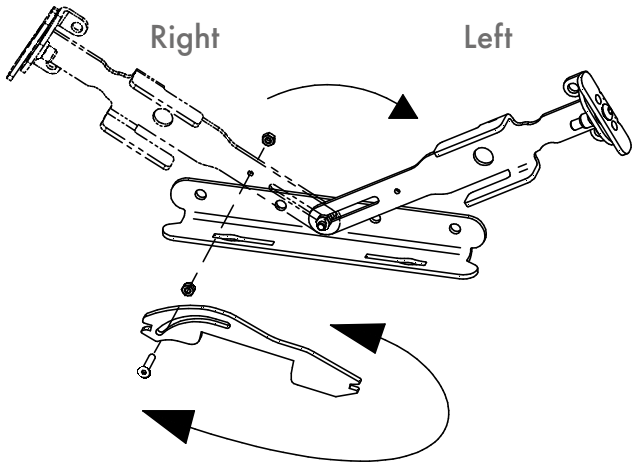
PREPARE THE RIGHT AND LEFT HITCHES IN THE INDICATED QUANTITIES:

3x Right

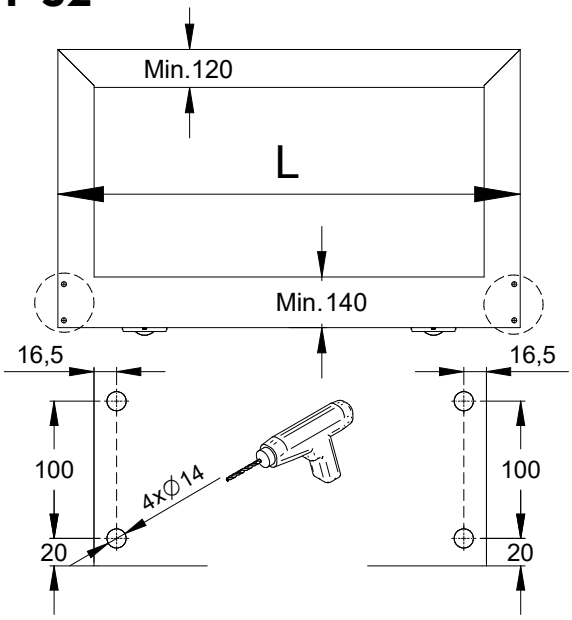


1x Left

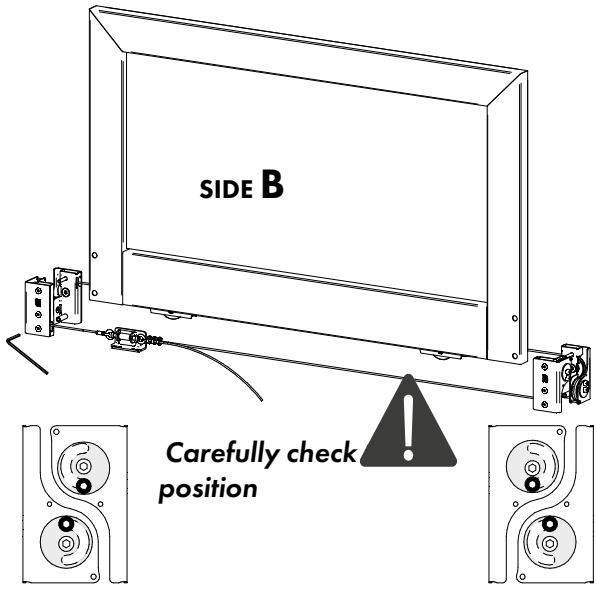




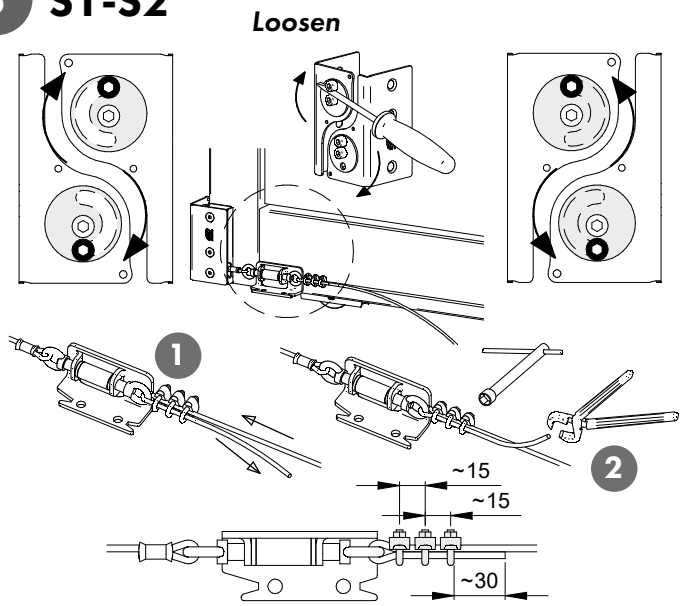
1 S1-S2



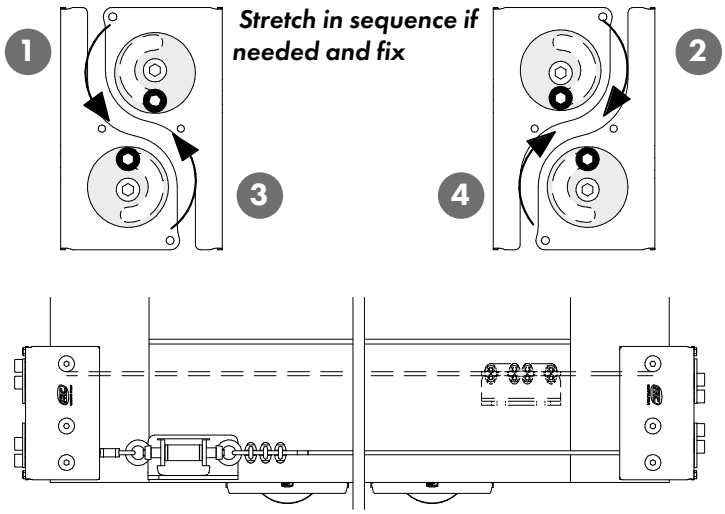
2 S1-S2



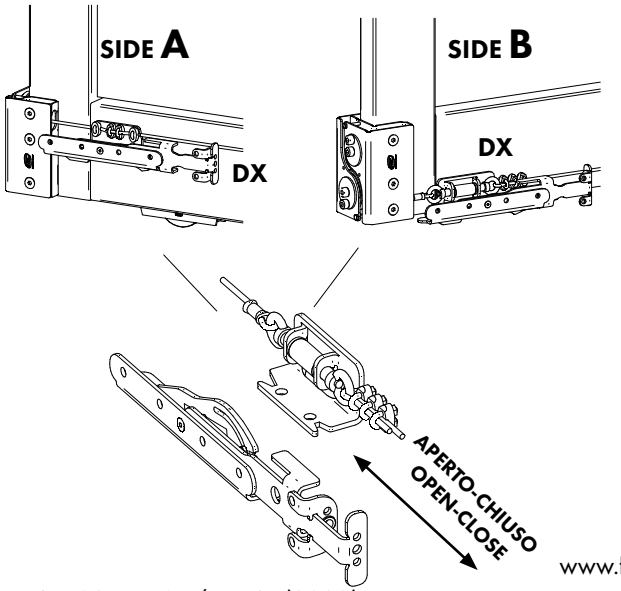
3 S1-S2



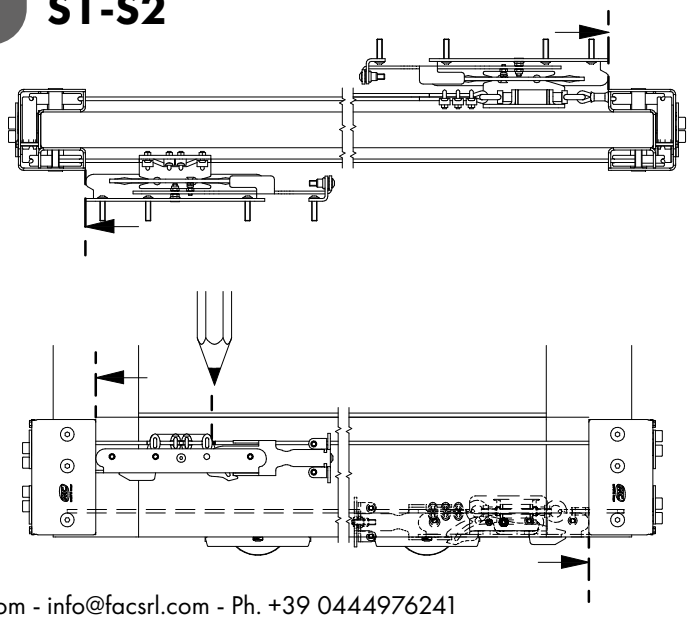
4 S1-S2



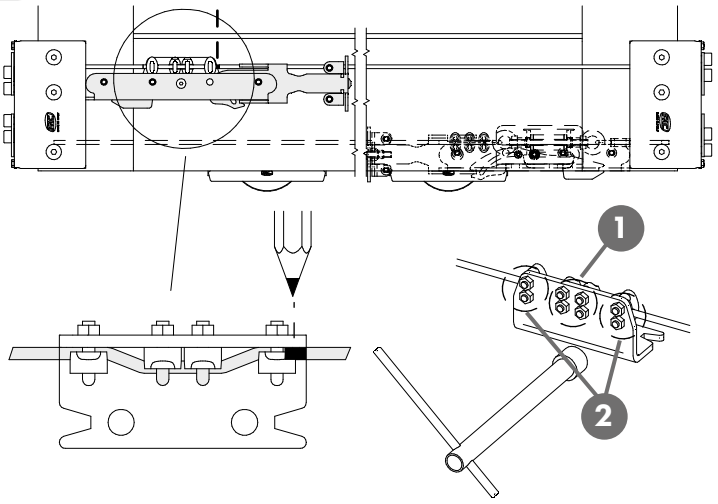
5 S1-S2



6 S1-S2

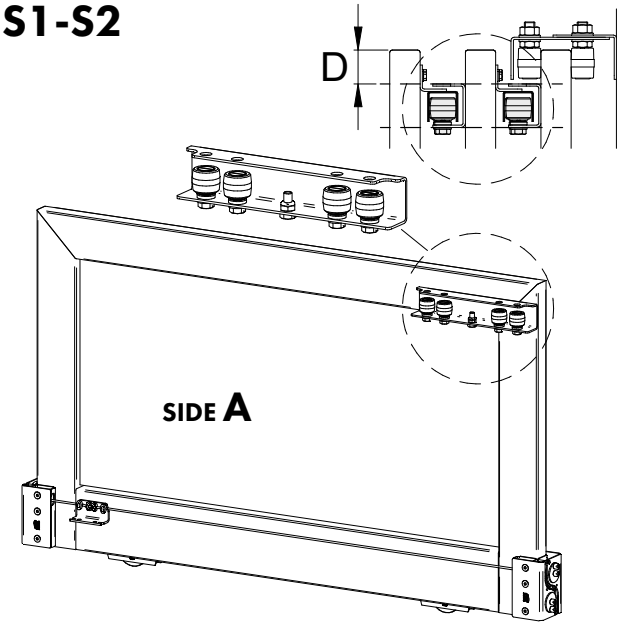


7 S1-S2

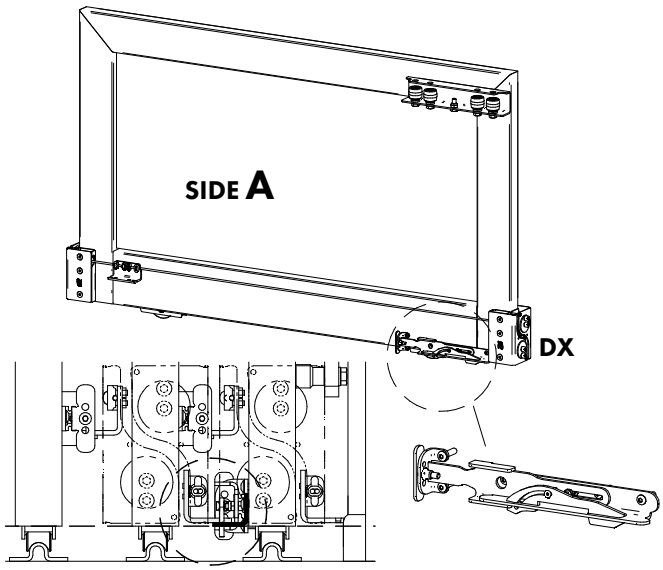


Tighten in the correct sequence

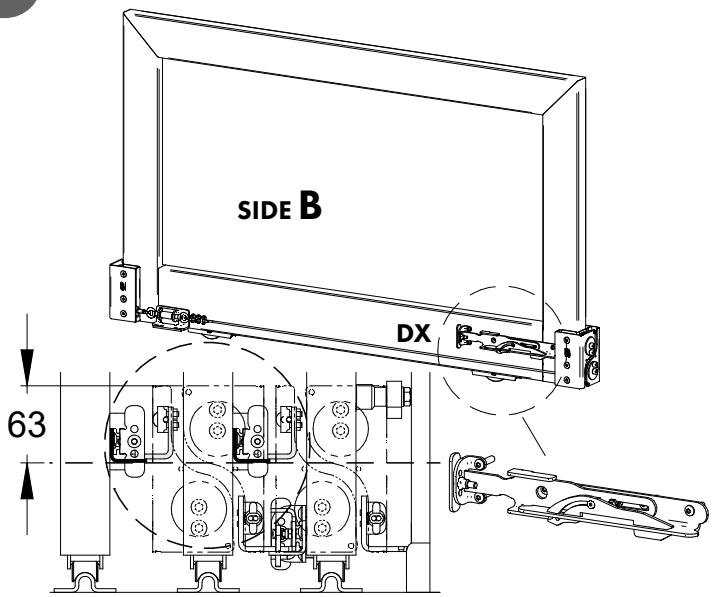
8 S1-S2



9 S1



10 S2-S3



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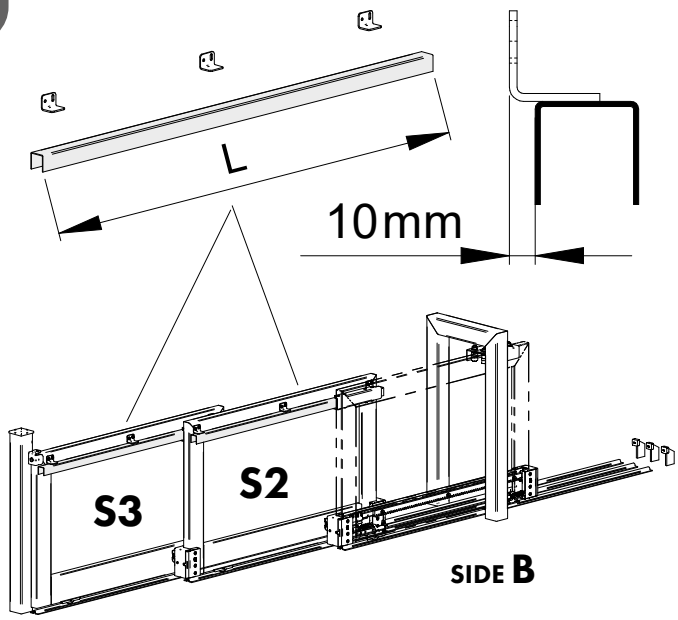
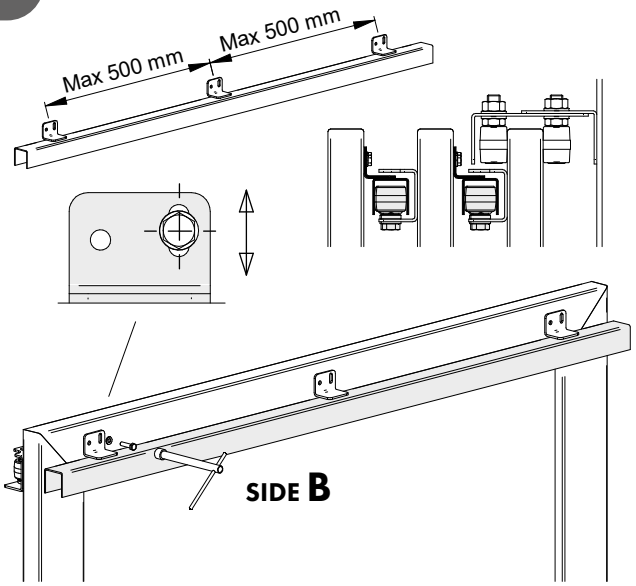


12 S2-S3



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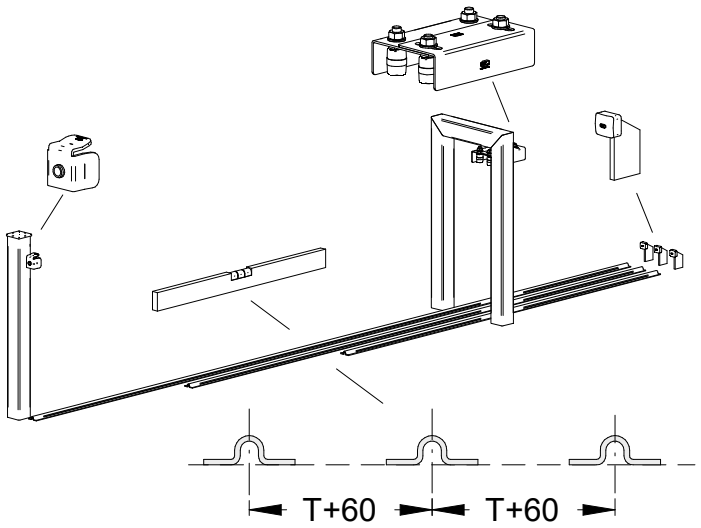

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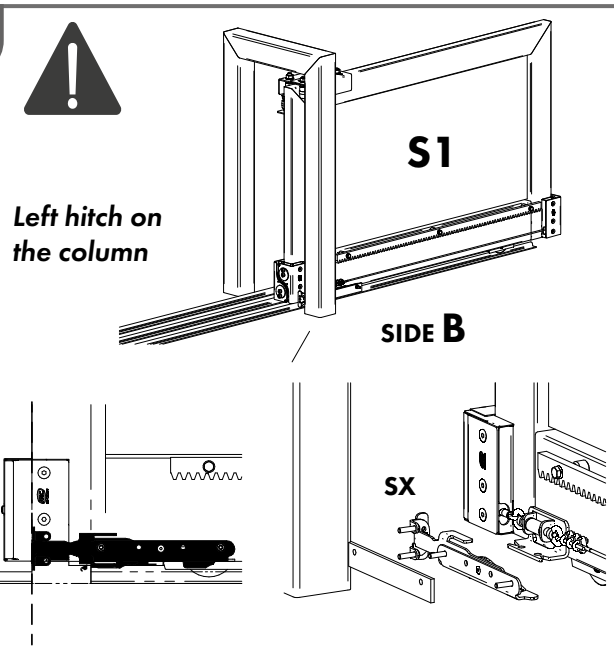

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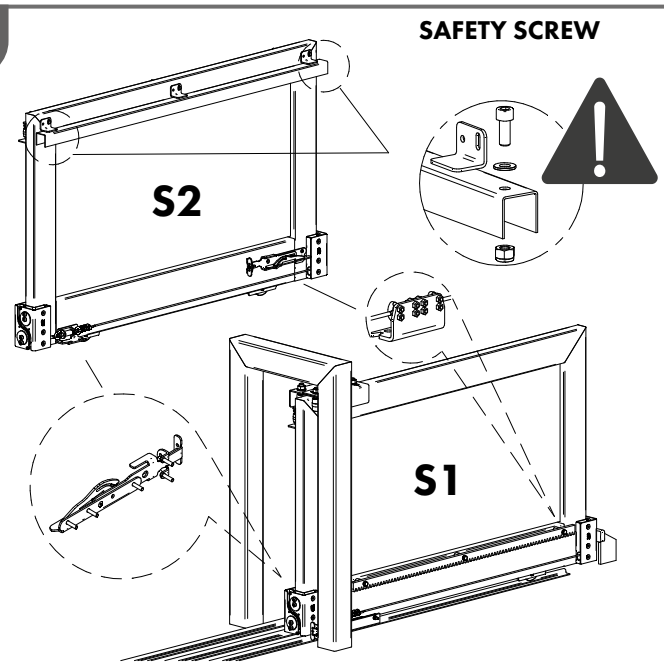

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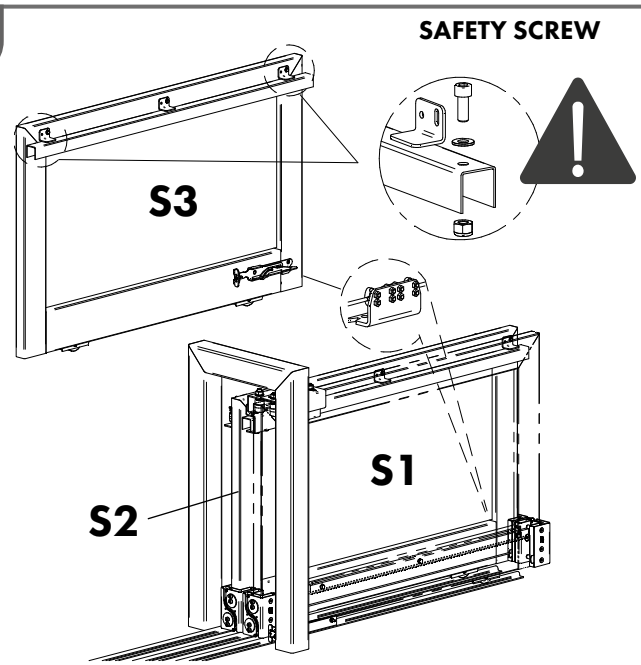

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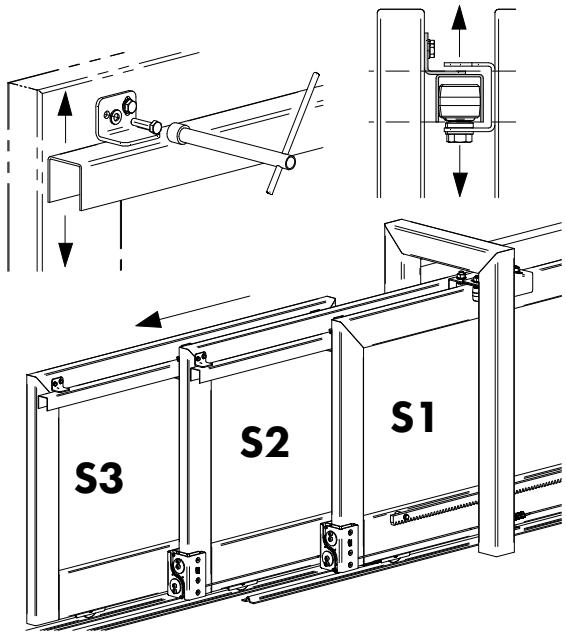

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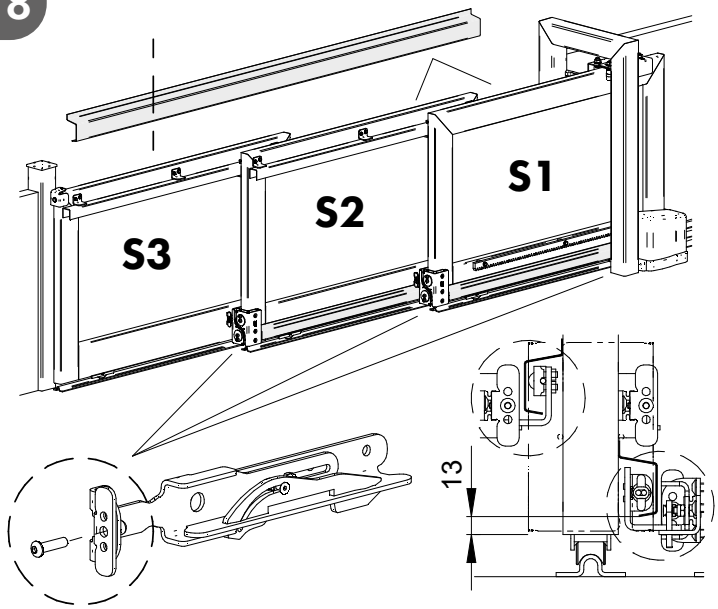

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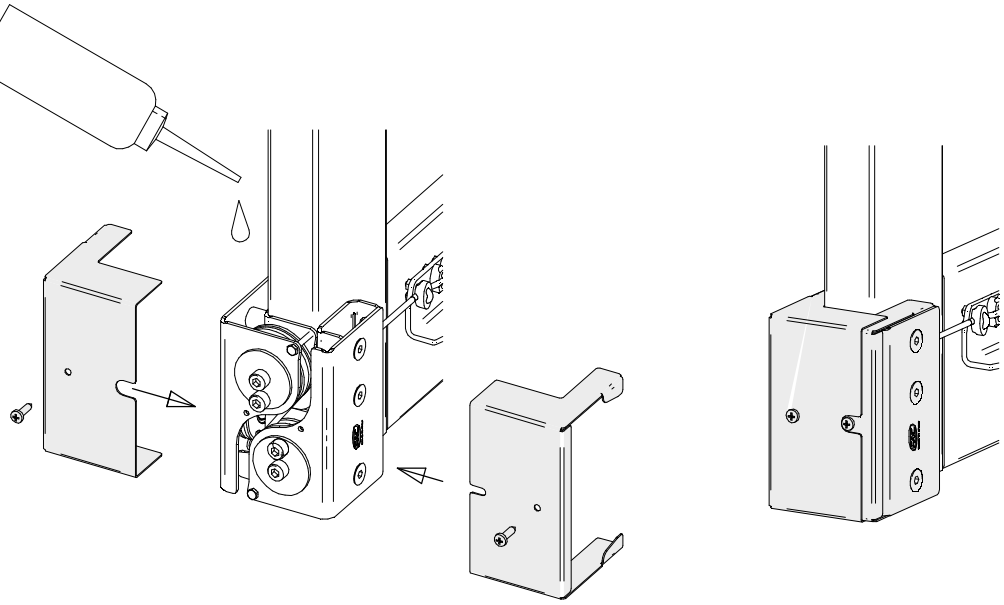


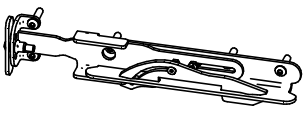
LEFT VERSION

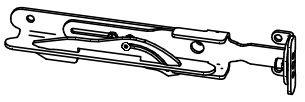
For the assembly of the left version, follow the same instructions but interpreting in the opposite direction.
Pay attention to the points given below:

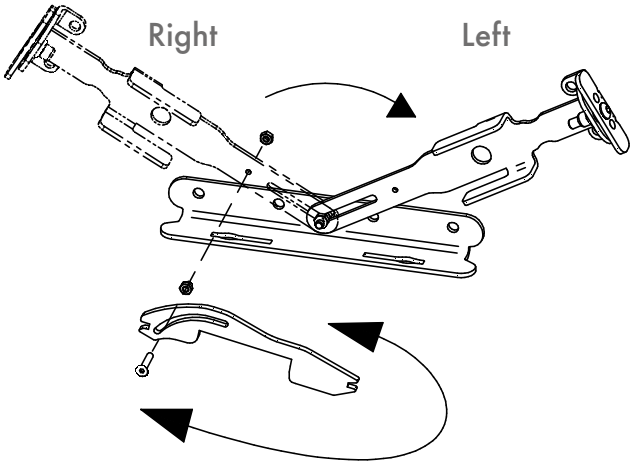
PREPARE THE RIGHT AND LEFT HITCHES IN THE INDICATED QUANTITIES:

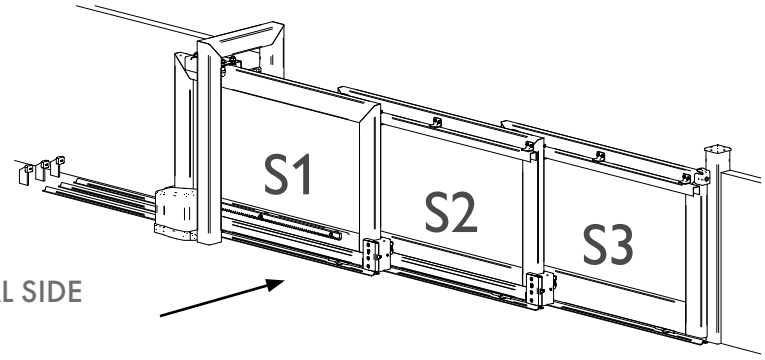
1x Right

3x Left









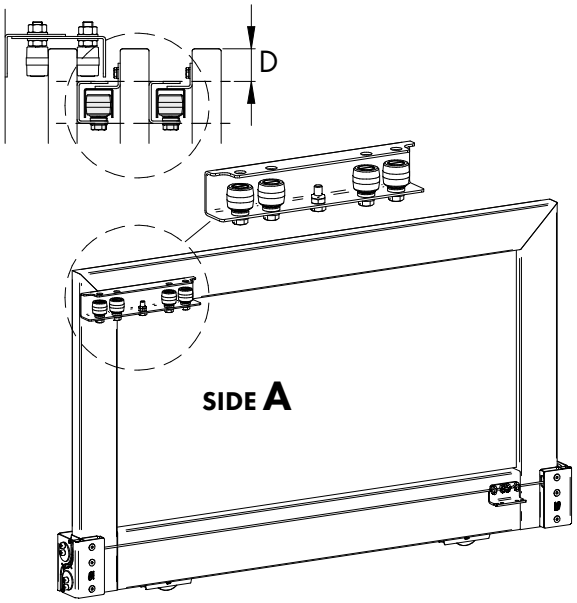
INTERNAL SIDE

B

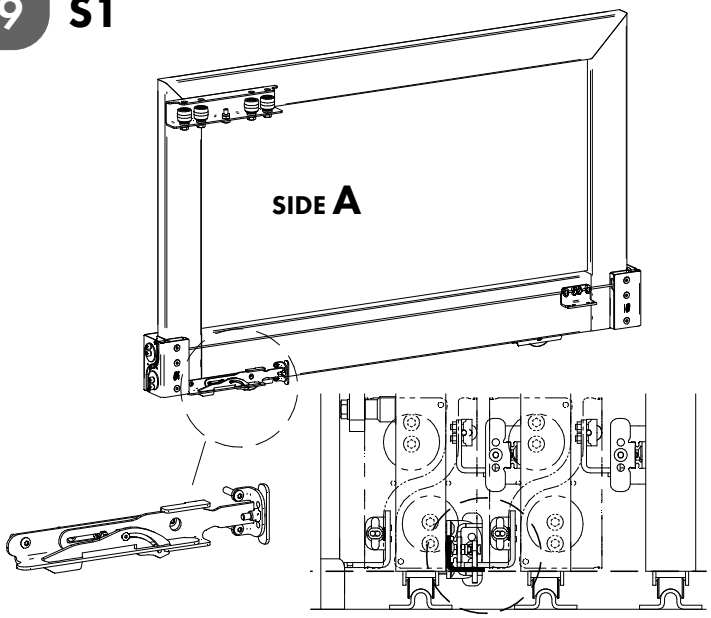
EXTERNAL SIDE

A

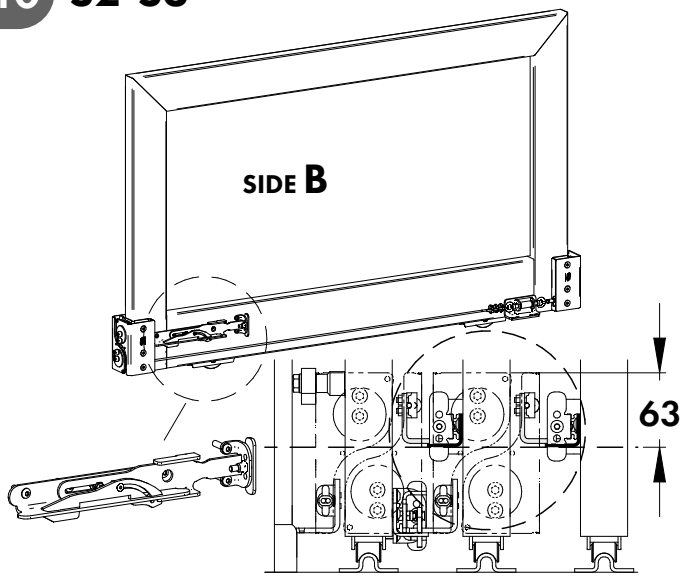
8 S1-S2



9 S1



10 S2-S3



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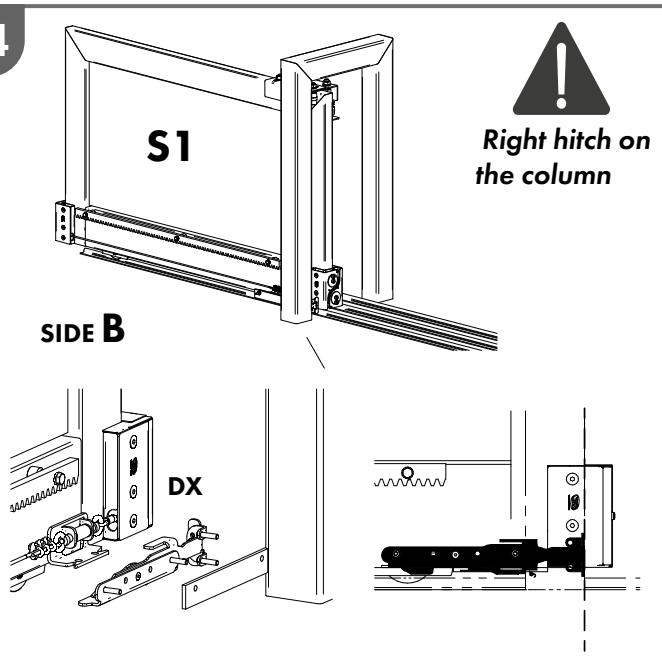

MAINTENANCE

1. Perform all functioning inspections manually at the end of the installation; periodically check that the system is functioning, that it is well lubricated and does not have any loosening (we suggest a full examination every 3 months or after 8000 cycles). If necessary, adjust the tensioning of the cable and/or lubricate it.
2. If the cable is loose repeat the tensioning procedure.
3. In case of malfunctions due to wear or accidental impacts, make sure that all components apt to support the gate and its maintenance are intact. If necessary, proceed with substitution.
4. The use of these items in harsh ambient conditions, such as: high humidity; high temperatures, salty, acid or dusty environments, etc. significantly reduce the duration of the bearings and other parts.
5. FAC ensures the system correct functioning only using original spare parts.

Attention: FAC does not assume any responsibility in the event of incorrect installation or use of non-original and unsuitable accessories/spare parts.
The kit included accessories and the proposed installation make reference to a standard example. An installation not in accordance with the illustrated procedure and the omission of the correct maintenance might compromise nearby things and people's security. Make sure that all accessories suit the specific work and make sure to use the necessary safety devices provided by current regulations.
For more information: info@facsrl.com