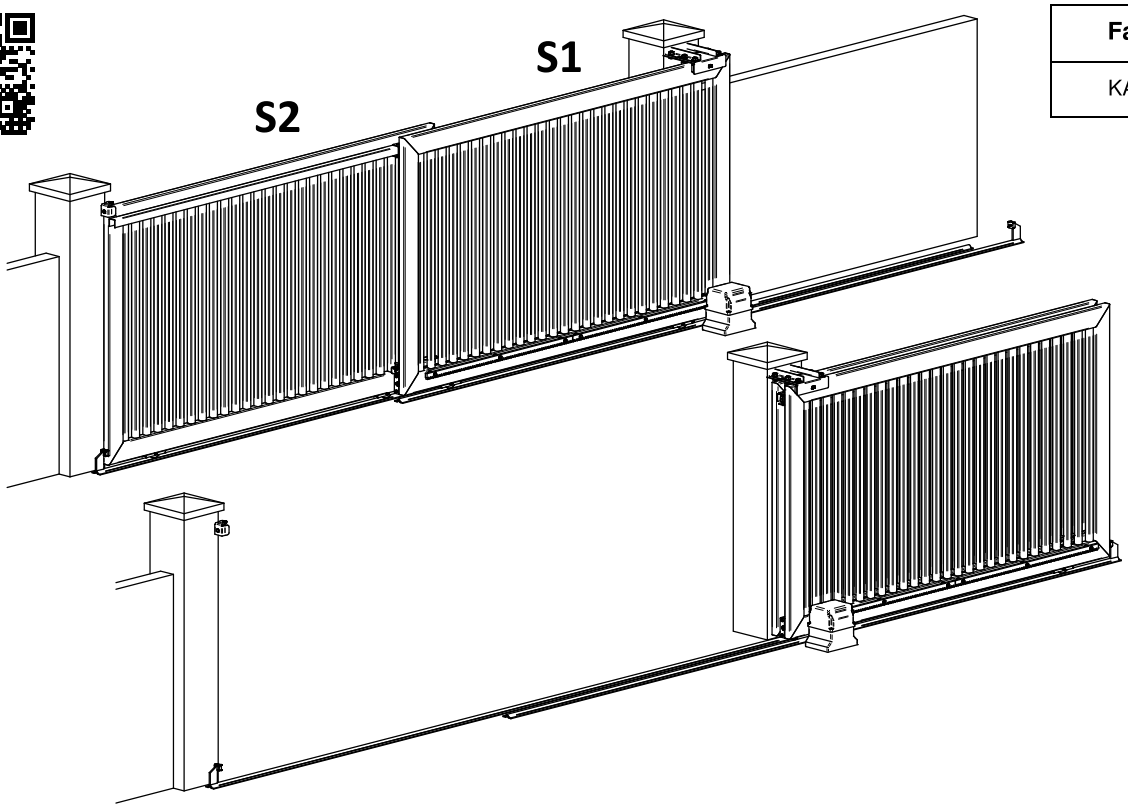
KIT TELESCOPIC 2 LEAVES

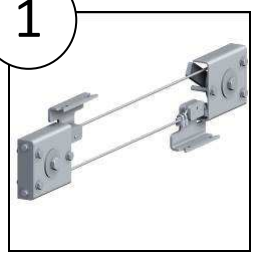
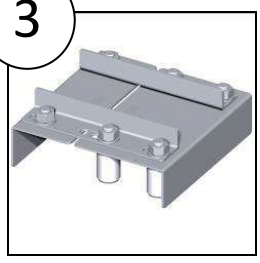
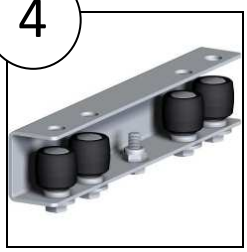
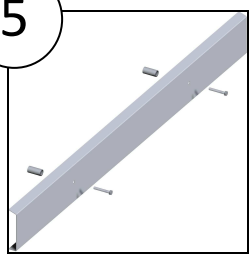
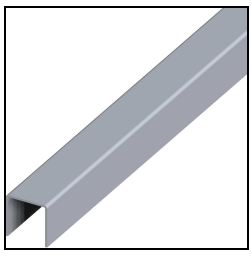
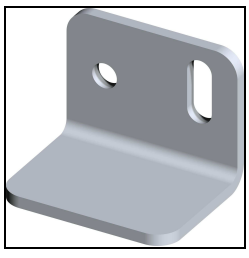
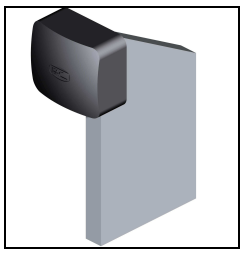
Description

This kit is made of galvanized steel components ideal for installation on sliding gates. A steel wire is used to transfer the telescopic motion. A gate with this system can be motorized. The leaves move simultaneously sliding on ground rails and have the advantage of taking less space compared to a single ground track sliding gate when the gate is in the open position. This feature makes the product ideal for sites where space is limited.

Family
KA5100

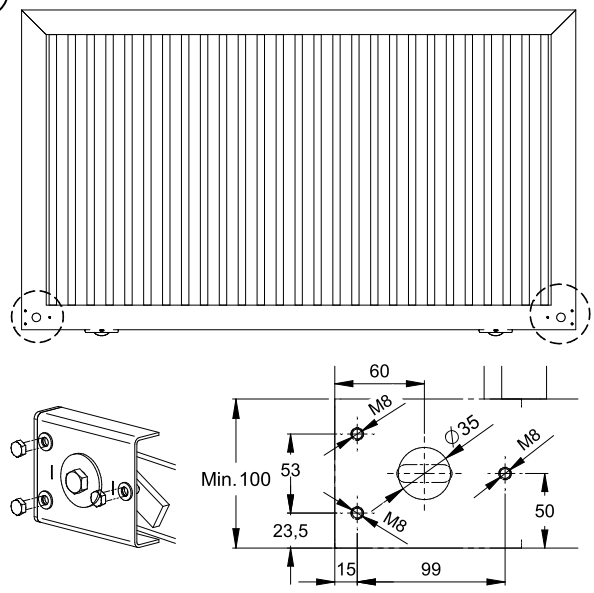


Components list

1 x **VA5101.004/008/011/015**	1 x **VA5201.004**	1 x **VA3501.A30/B40**	1-2 x **VA3502.N34**
1 	2 	3 	4 
2-4-6-8 x **VA5301.001**	**VA5401.003/006 40x40x2** Optional	**VA5411.001** Optional	Complementary articles
5 			

Attention: installations that do not comply with the illustrated procedure or failure to carry out correct maintenance operations can cause the gate to fail and endanger the safety of persons and property.

1 **S1**



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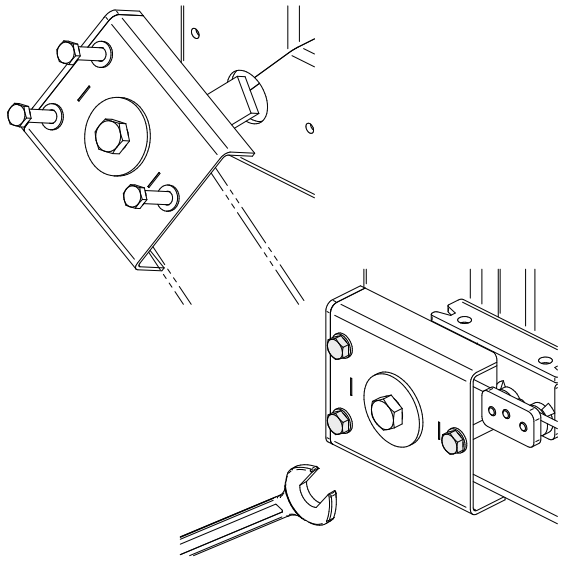

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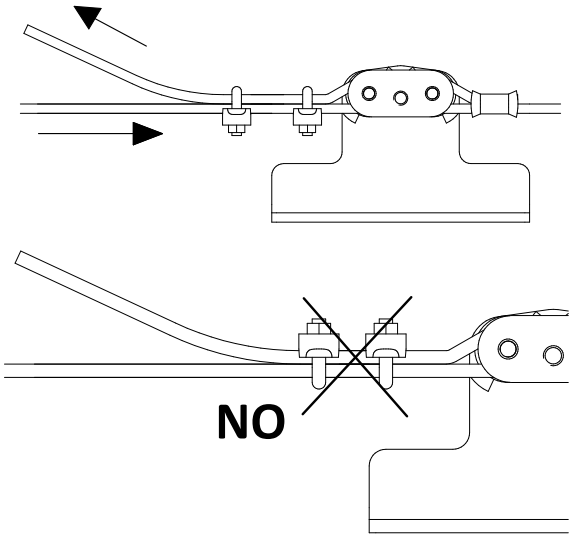

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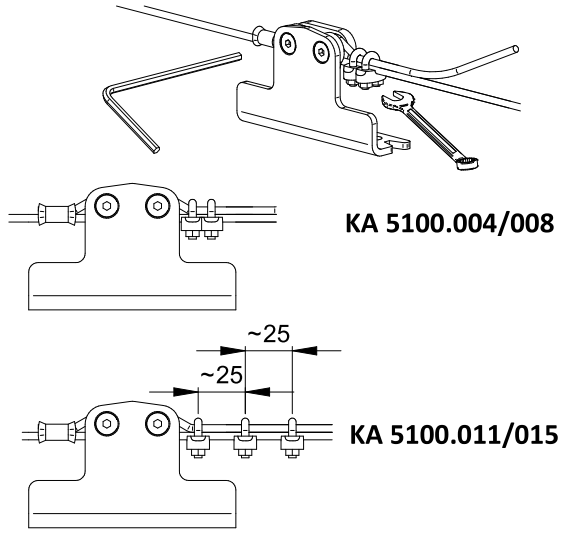

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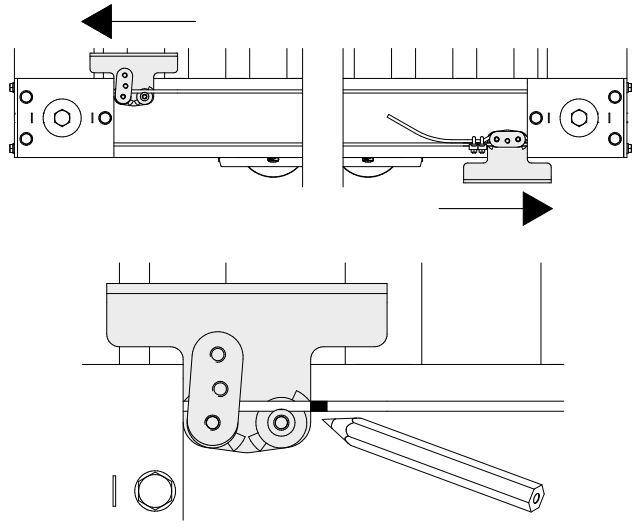

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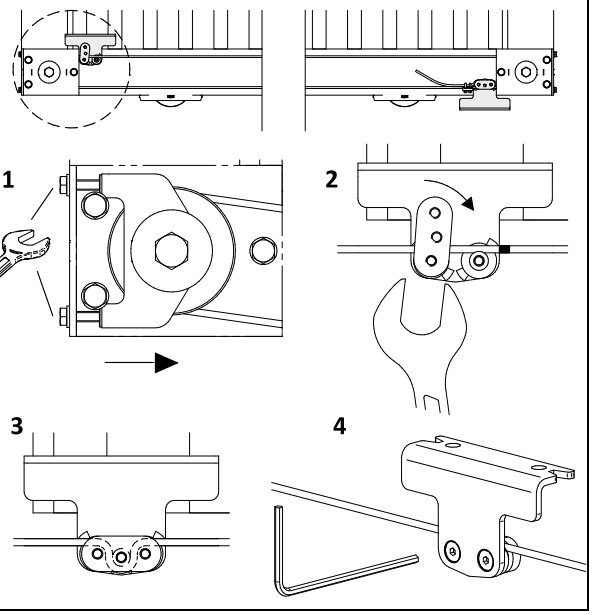

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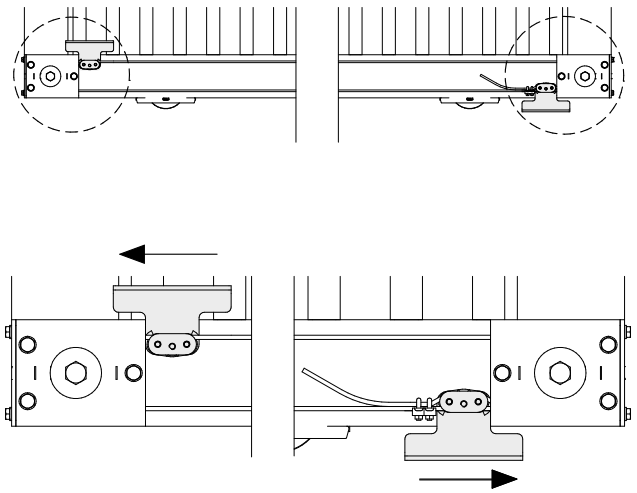

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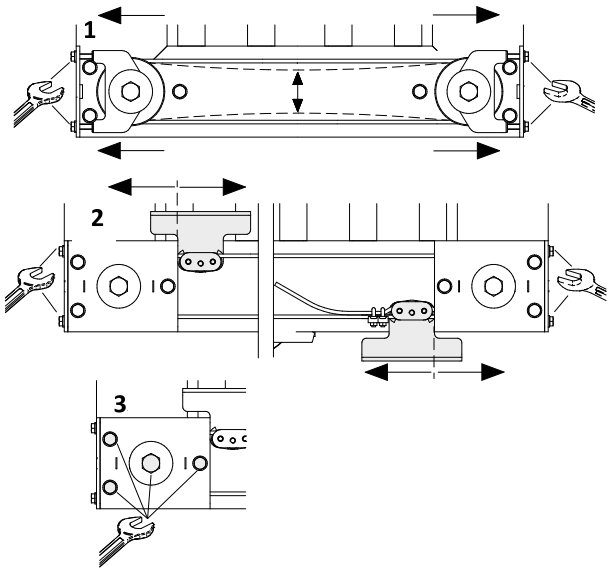

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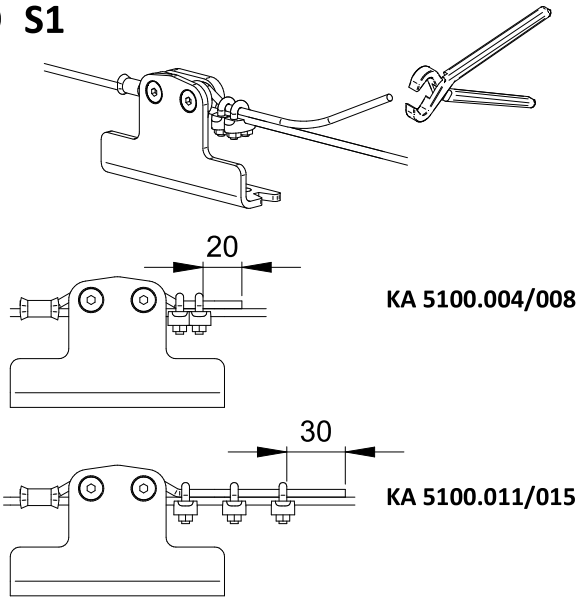

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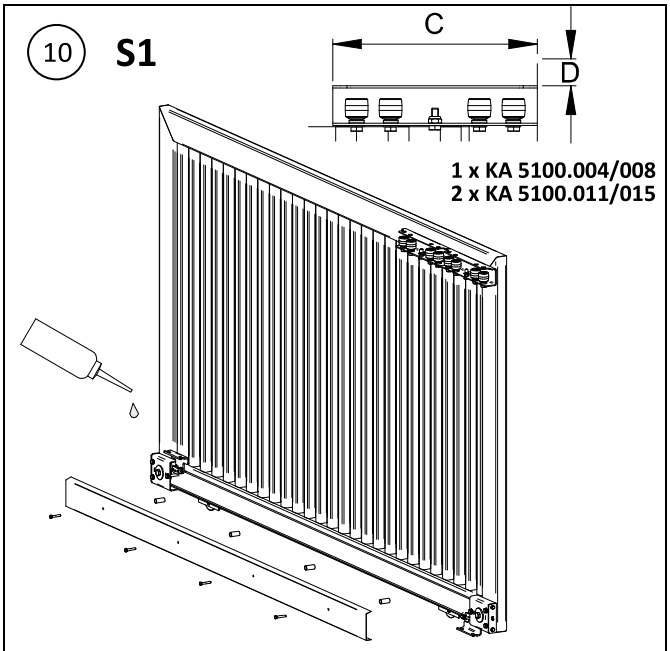

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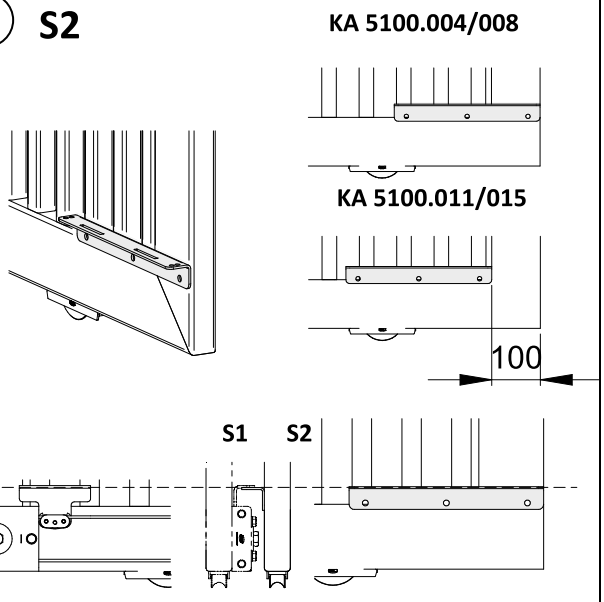

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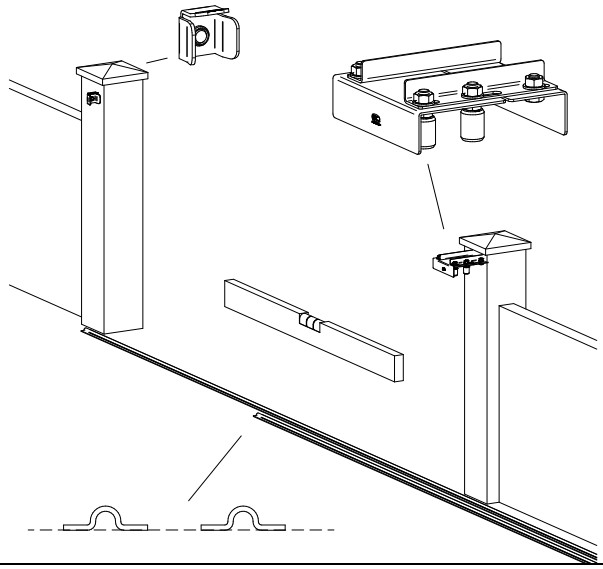

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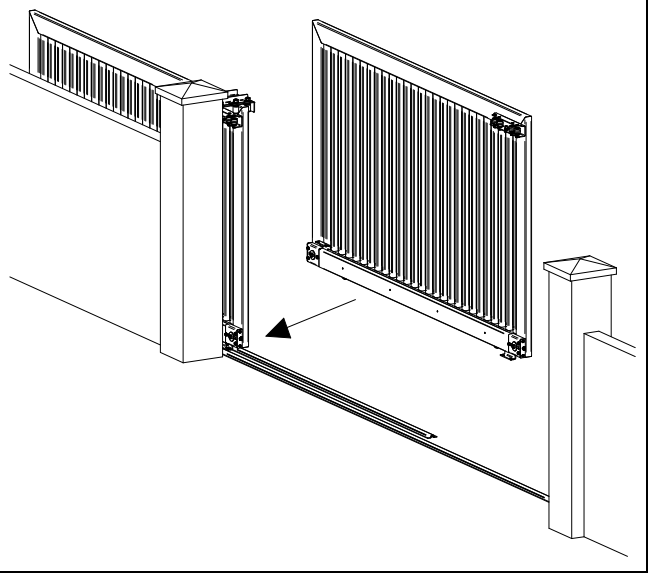
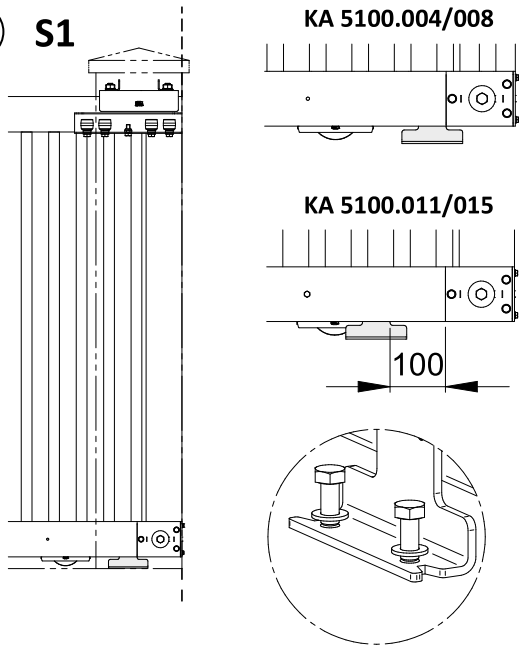
13 S1



14 S1



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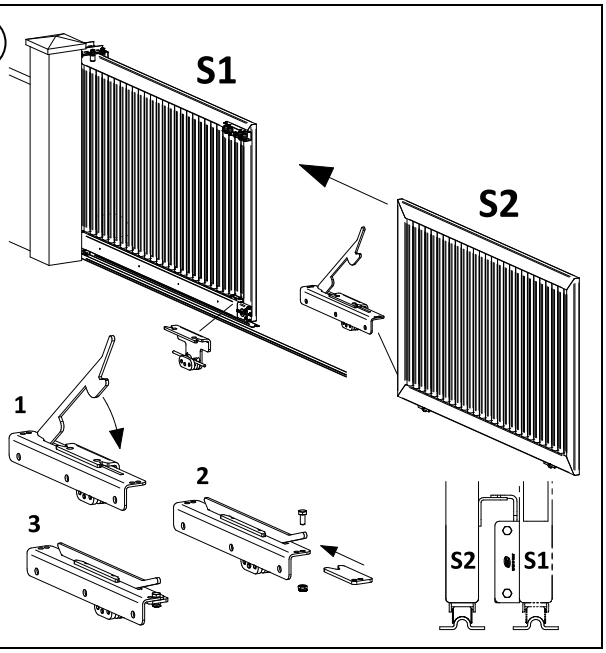

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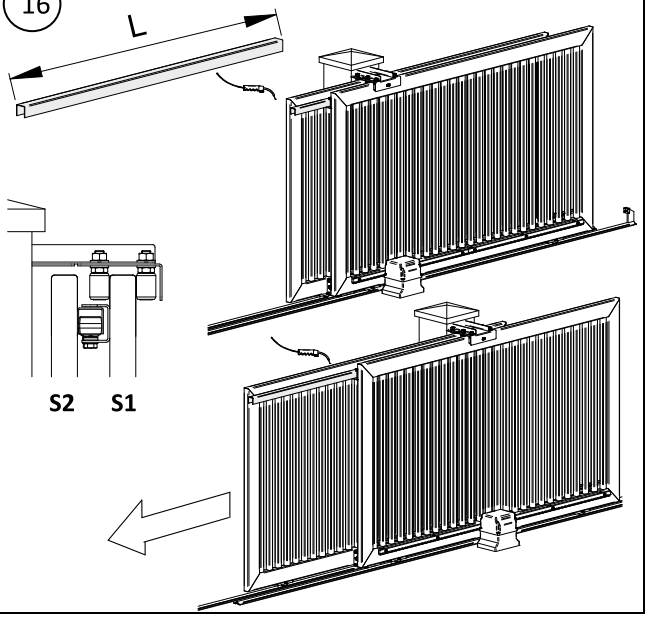

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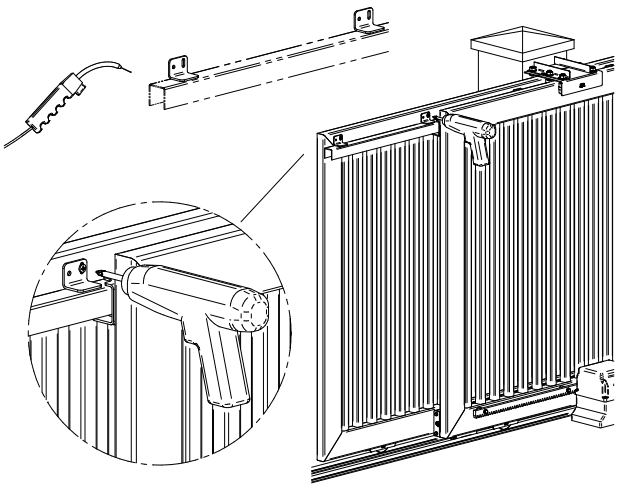

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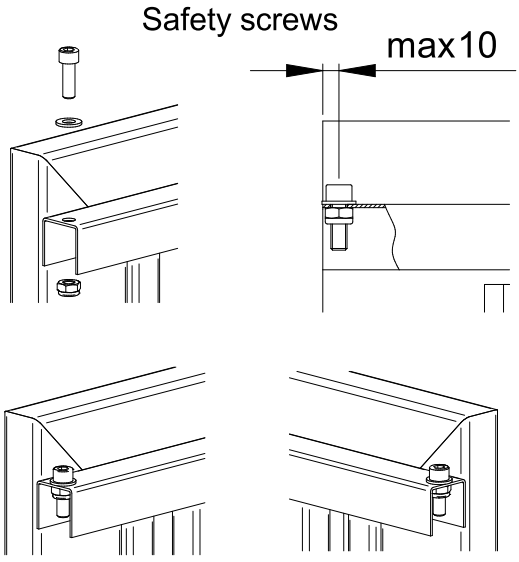

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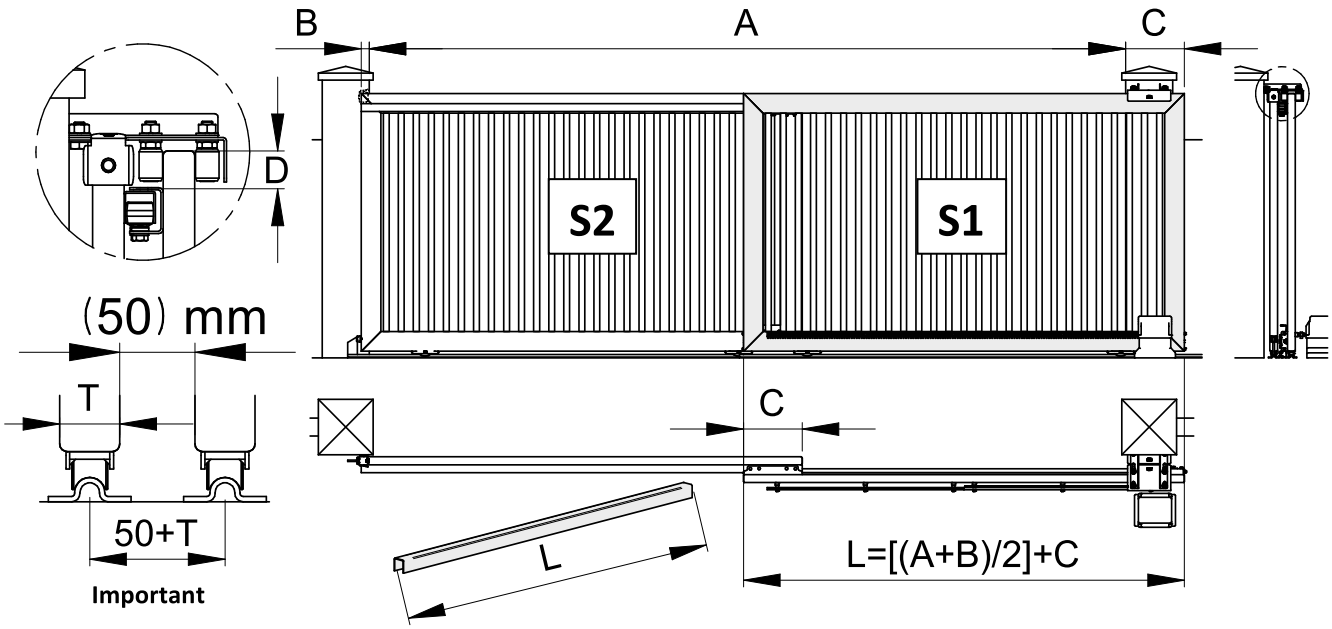
DIMENSIONING TABLE



DIMENSIONING TABLE

Code	A max [m]	C [m]	D min[mm]	S2 max [kg]
KA 5100.004	4	0,3	50	300
KA 5100.008	8	0,3	50	300
KA 5100.011	11,4	0,6	70	400
KA 5100.015	15,4	0,6	70	400

SECTIONS DIMENSIONING

Opening [A]	Kit Code	L [m] with **B**=0,08
3	KA 5100.004	1,84
4	KA 5100.004	2,34
5	KA 5100.008	2,84
6	KA 5100.008	3,34
7	KA 5100.008	3,84
8	KA 5100.008	4,34
9	KA 5100.011	5,14
10	KA 5100.011	5,64
11	KA 5100.011	6,14
12	KA 5100.015	6,64
13	KA 5100.015	7,14
14	KA 5100.015	7,64
15	KA 5100.015	8,14

Example for dimensions not in table

A= 3,5 m
B= 0,06 m *(your choice)*
C= 0,3 m *(see table above)*

L= [(A+B)/2]+C

L=[(3,5+0,06)/2]+0,3
L=[(3,56)/2]+0,3
L=1,78+0,3
L=2,08

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Technical specifications

1. The installation of safety strikes and safety screws(fig.18) is compulsory
2. To select the right automation, is necessary to calculate the weight of the gate by adding twice the weight of the second leaf S2 to the weight of the first leaf S1
   - Calculate mass = WeightS1 + (2 x WeightS2)
3. The raccomanded automation: 24Volt DC
4. The ideal traction is that one just enough to keep the wire stretched. An excessive traction of the wire will shortens its work life
5. Maximum S2 closing speed = 0.18m/s
   - Fast and hard start and stops will result in system failure
   - Accelerations, decelerations and high speed variations could cause an elastic effect between the leaves during movement.

Maintenance

To maintain these parts in good and safe working conditions it is necessary to follow these steps:

1. After gate assembly is completed, perform a few manual opening and closing cycles, make sure there are no loosen parts and ensure that the cable is lubricated along its entire length with specific grease included in the package (pic.10). Check the system maximum every 8000 cycles and periodically every 3 months to make sure there are no loosen parts and and to verify that the system is properly lubricaded.
2. In case of loosen wire check alla clamps and follow the tensioning procedure
3. In case of accidental shock caused by moving vehicles or other external factors, check parts for external damages. In case of irreparable damage, replace with a new part. Always check the gate by manually opening a few opening and closing cycles. All maintenance procedures must be performed by trained technicians.
4. If the gate has any difficulty of movement or shows abnormal oscillations, the gate must be checked for worn parts and must be replaced if necessary. Gates working in harsh ambient conditions, such as hight humidity, salt, acids, dust or temperatures above 120°C will require special attention and frequent maintenance.