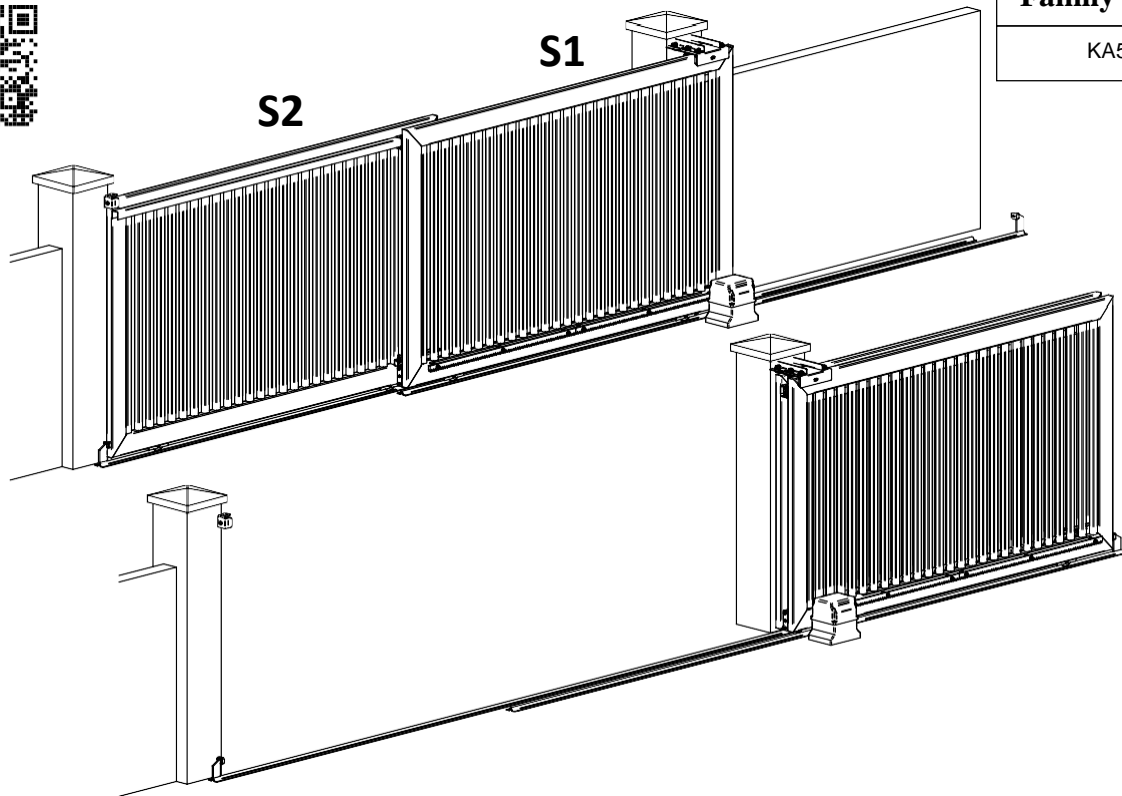


## KIT TELESCOPIC 2 LEAFS

### Description

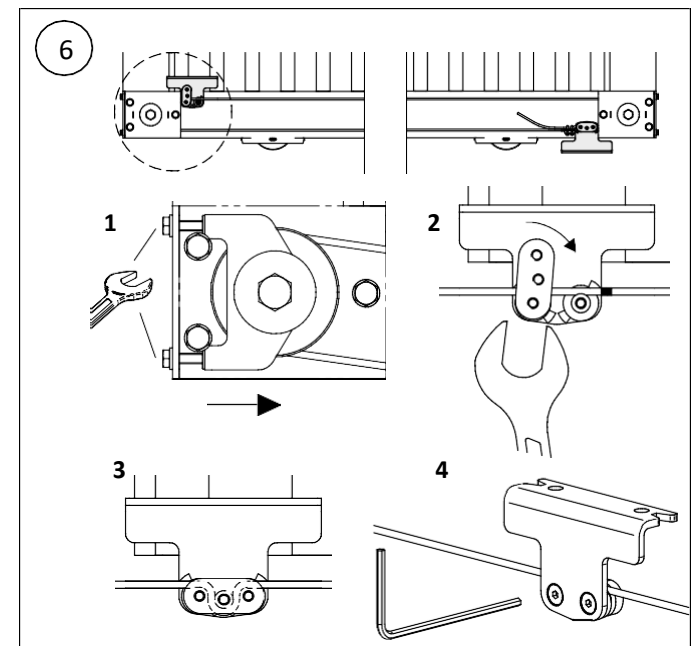
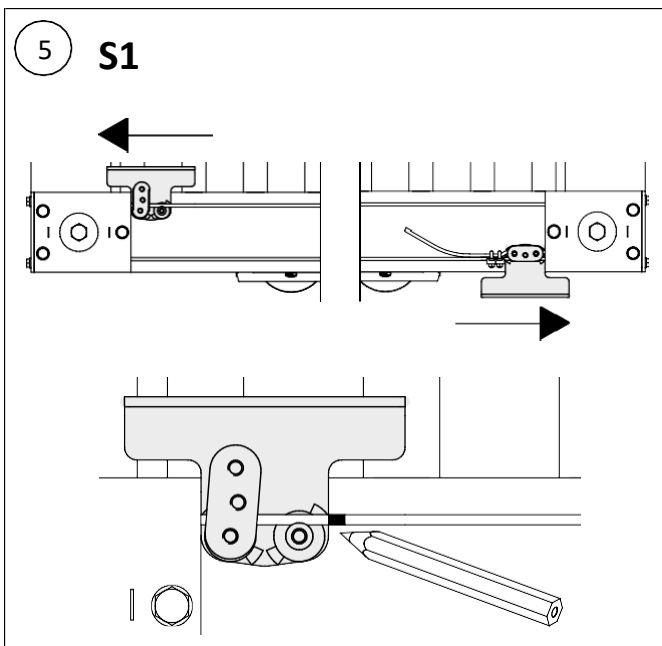
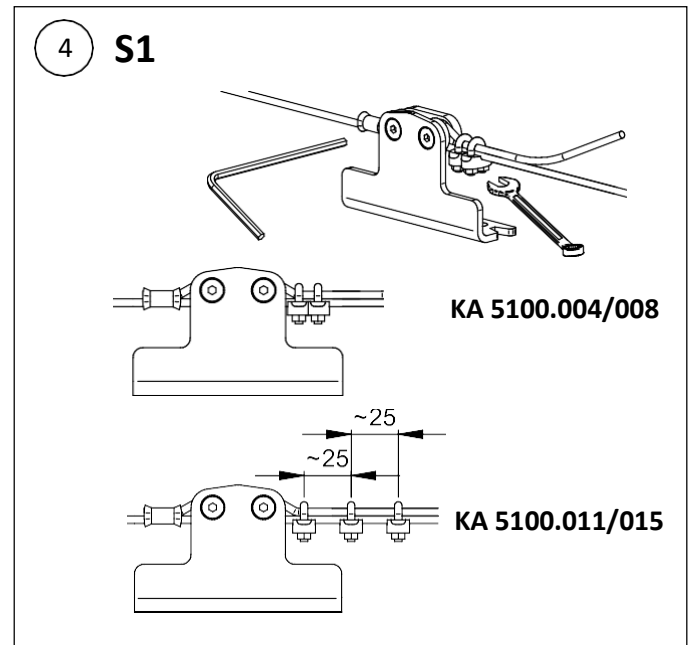
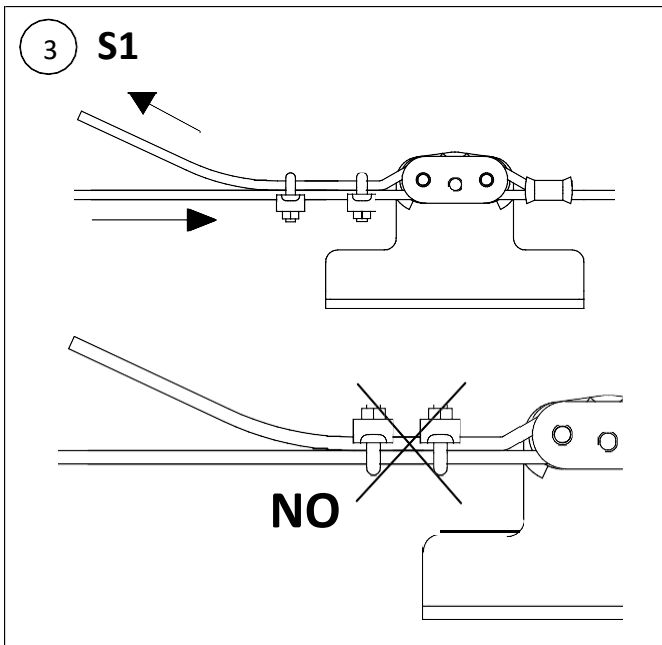
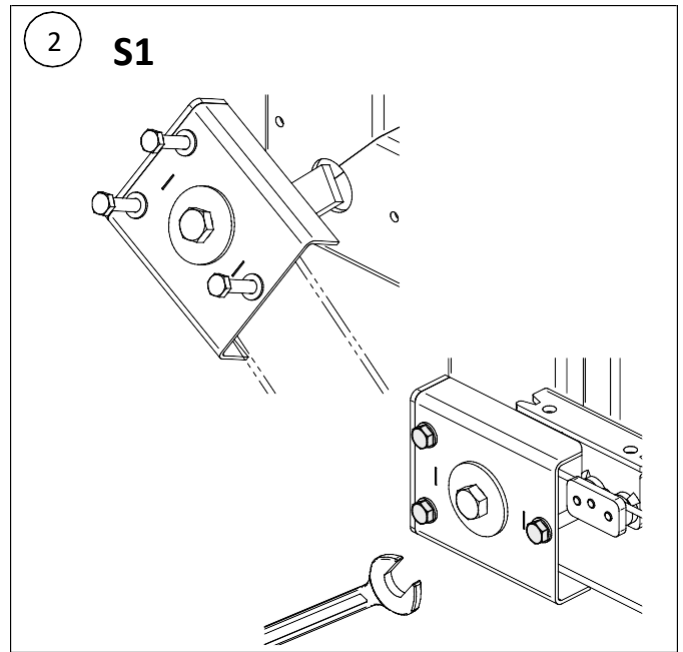
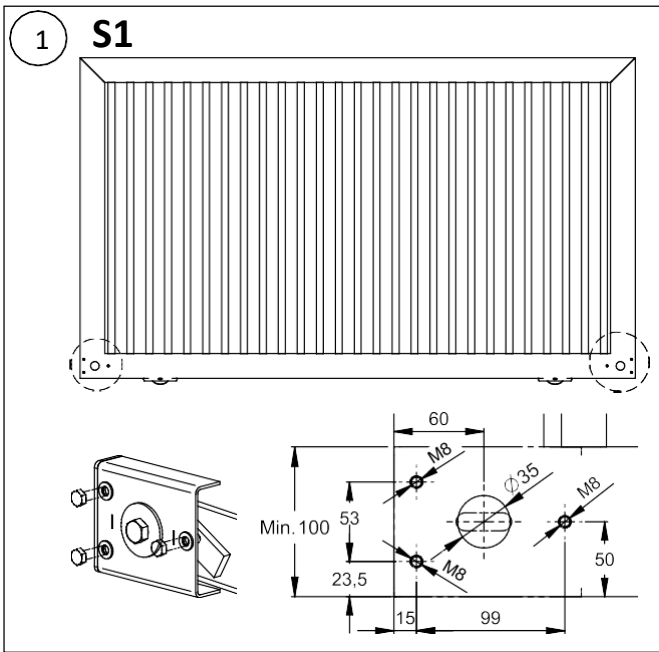
This kit is made of galvanized steel ideal for installation on cantilever gates. A stainless steel wire is used to transfer the telescopic motion. A gate with this system can be motorized. The leaves moves simultaneously sliding on ground rails and have the advantage of taking less space compared to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



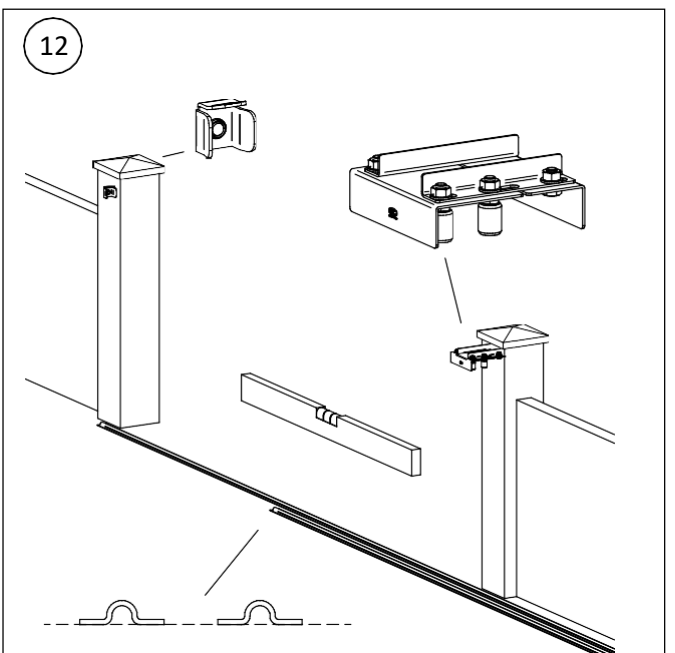
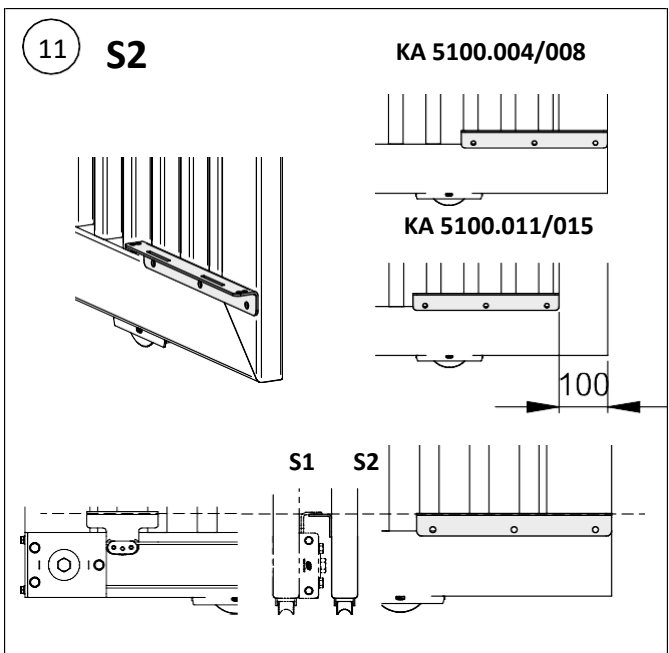
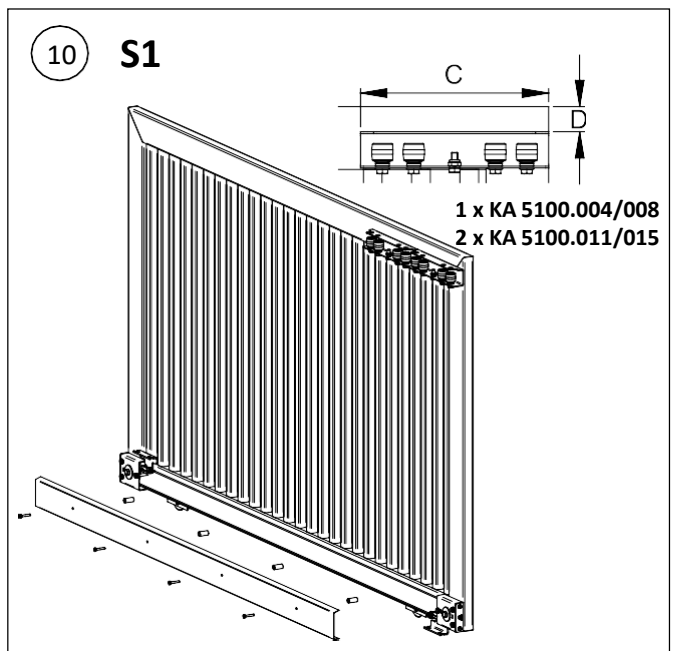
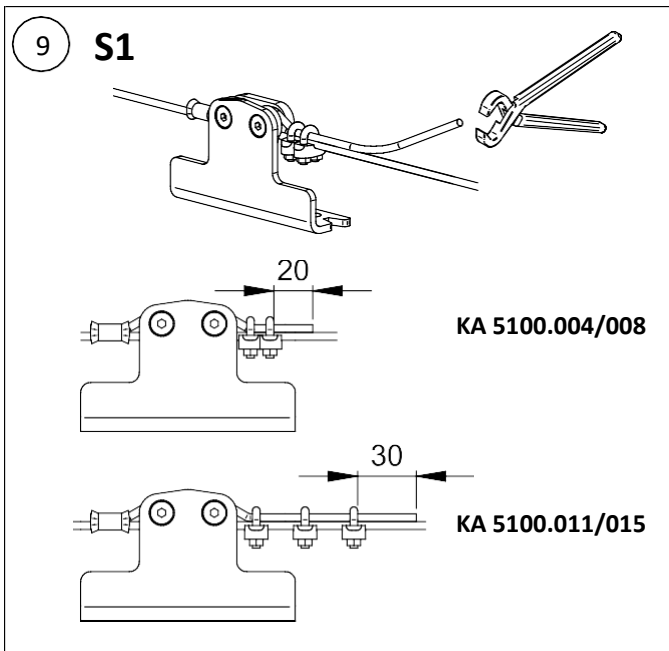
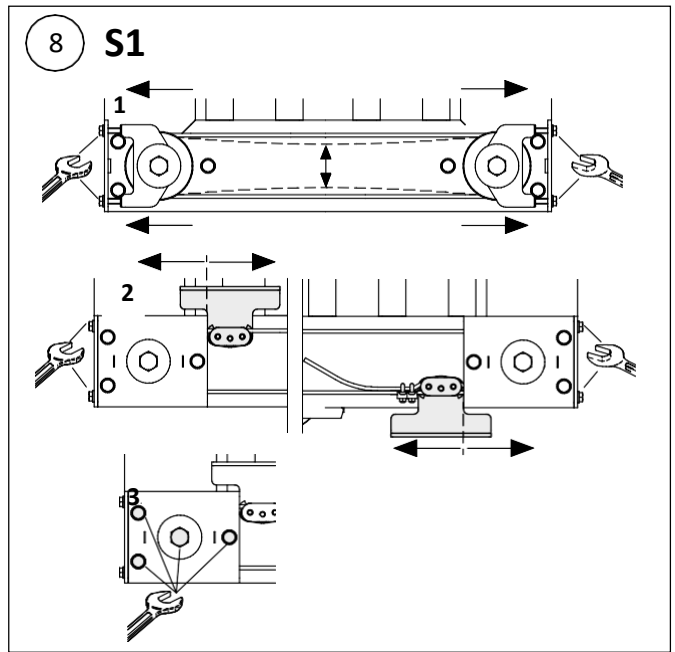
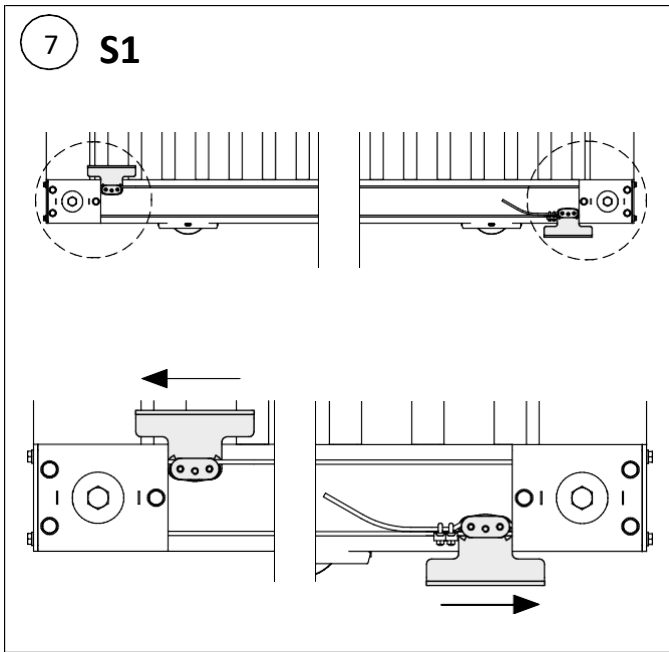
<b>Family of parts</b>
KA5100

### Component list

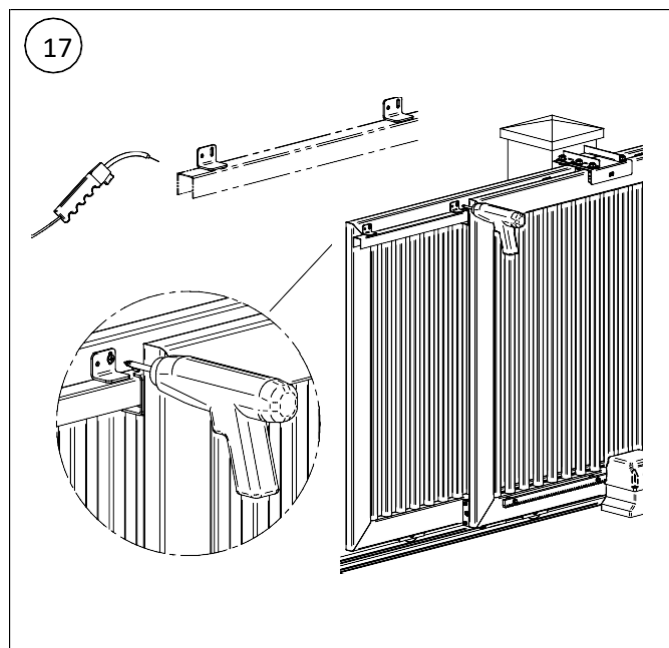
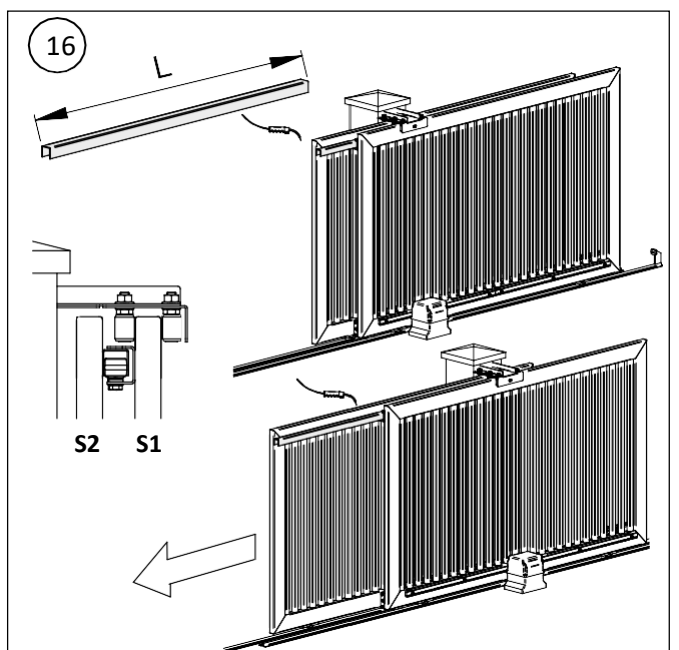
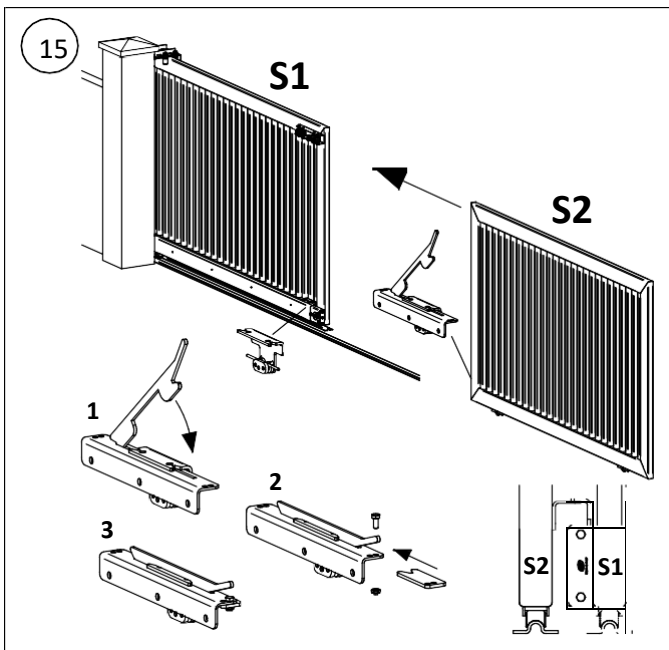
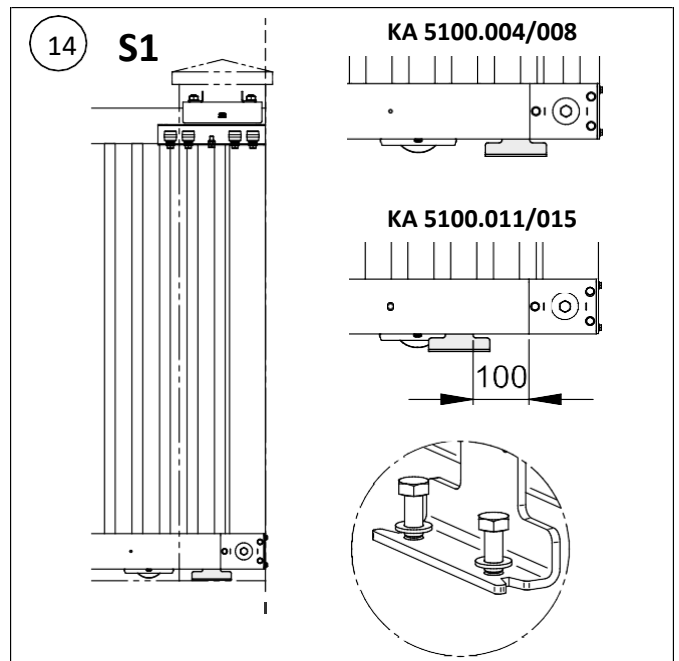
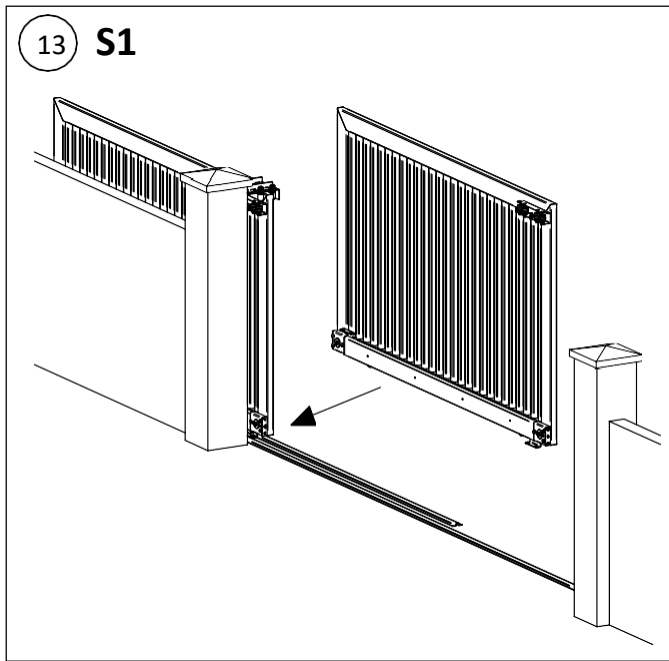
1xVA5101.004/008/011/015	1xVA5201.004	1 x VA3501.A30/B40	1-2xVA3502.N34
1-2-3-4xVA5301.001	VA5401.003/006 40x40x2 Optional	VA5411.001 Optional	Complementary articles



**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

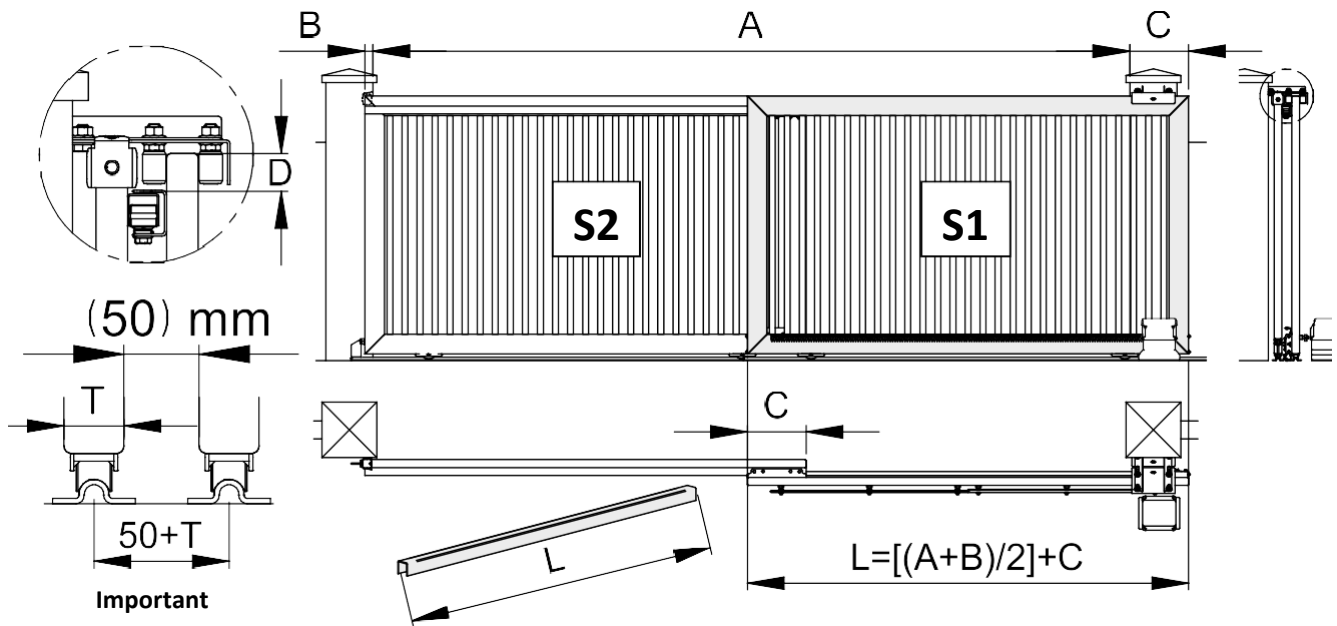


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## DIMENSIONING TABLE



### DIMENSION TABLE

Codice/ Code	A max [m]	C [mt]	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

Apertura Opening [A]	Codice kit Kit Code	L [mt] con/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 dimensions not in table

**A**=3,5mt

**B**=0,06mt (*that you choose*)

**C**=0,3mt (*from above table*)

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

$$L = [(3,5+0,06)/2] + 0,3$$

$$L = [(3,56)/2] + 0,3$$

$$L = 1,78 + 0,3$$

$$L = 2,08$$



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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
  - The calculate mass = WeightS1 + (2 x WeightS2)
3. The raccomanded automation: 24Volt DC
4. The ideal tension of the wire is just enough to keep the wire stright. Excessive tensione 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 loose parts. Maximim every 3 months check the system to make sure there are no loose parts and to lubricate.
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 in presence of 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.



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