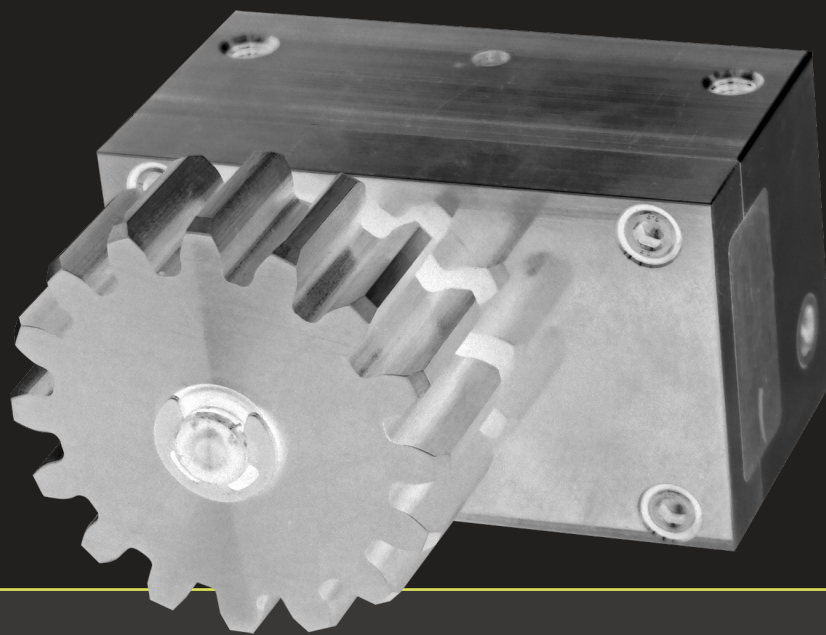


D SPEC



SPECIALISED HARDWARE



RD 241013 and RD 241029 Radial Dampers

For continuous damping of inclined gates with running rack

The DICTATOR radial dampers with gearwheel, model 4 (16 teeth) and model 6 (12 teeth) have especially been designed for sliding gates being usually opened and closed by a door drive unit with the help of a rack. For safety reasons a RD 241013 or 241029 radial damper should be fitted on all ascending gates to control the closing speed over the complete distance in the event of power failure.

As these radial dampers are mainly used at the outside they are rust resistant.

Installation and Operating Instructions

The radial damper is fixed to the door post or near the drive unit. The geared wheel must be in mesh with the rack transmitting the power from the drive unit.

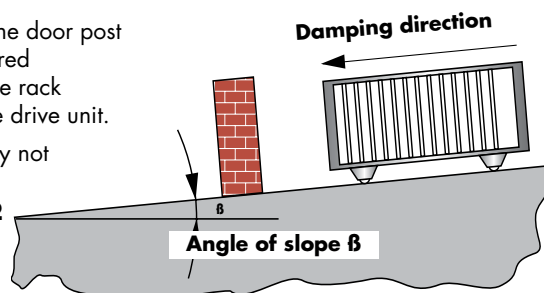
The load on the damper M may not exceed 7 Nm:

$$M \text{ [Nm]} = G \times \sin \beta \times 0.032$$

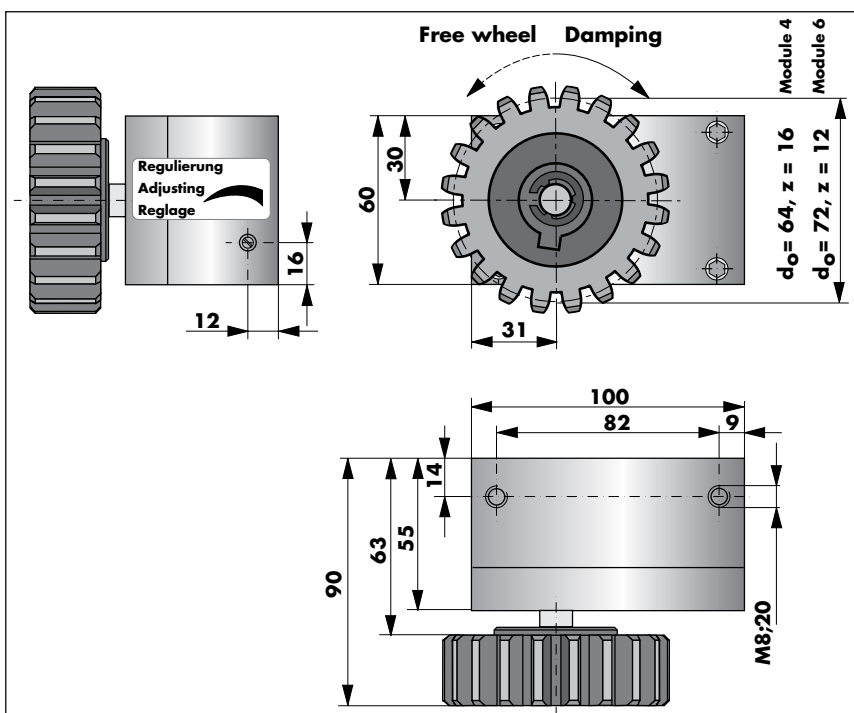
{ G = weight of the gate in N
 β = ascent in degrees }

The diagram below shows the direction in which the toothed wheel usually rotates. You can change the damping direction by removing the lock washer from the axle and taking off the toothed wheel. Now it is put back on the axle the other way round and secured again. Take care not to damage the inner shaft seals which protect the free wheel.

The closing speed can continuously be varied by the adjustment screw.



Dimensions



Order Information

Radial damper with toothed wheel module 4 (Ø 64, 16 teeth) part no. 241013

Radial damper with toothed wheel module 6 (Ø 72, 12 teeth) part no. 241029



Double Radial Dampers RD 241024 and RD 241030

To slow down high forces

The DICTATOR double radial dampers offer higher damping forces than the normal radial dampers (the damping moment is 12.2 Nm). The total dimensions change but slightly: only the height increases by 19 mm.

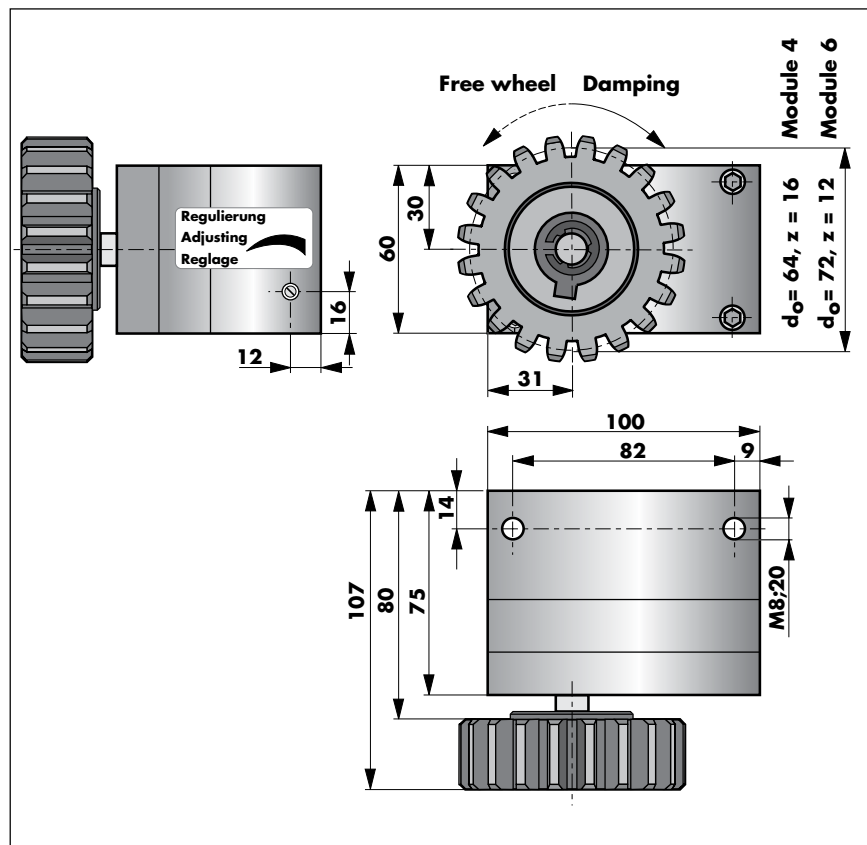
On demand the double radial damper is also available with a pulley for steel rope or with a normal toothed wheel.

Installation and Operating Instructions

The diagram below shows the direction in which the gearwheel usually rotates. You can change the damping direction by removing the lock washer, taking off the wheel and then placing it back on the axle the other way round. Make sure you put the lock washer back on again.

The closing speed can continuously be varied by the adjustment screw.

Dimensions



Order Information

Double radial damper with gearwheel module 4 ($\varnothing$ 64, 16 teeth) part no. 241024

Double radial damper with gearwheel module 6 ($\varnothing$ 72, 12 teeth) part no. 241030



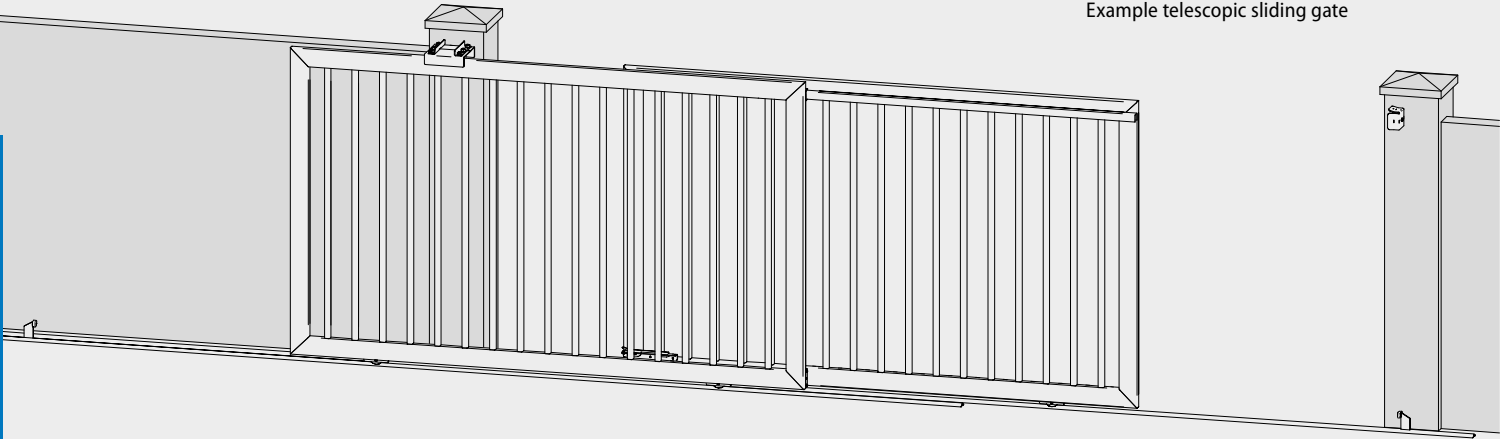
TELESCOPIC GATE

Hardware for sliding gates

Tutte le misure sono espresse in mm dove non diversamente specificato.
All measurements are in mm unless otherwise specified.



Esempio cancello telescopico
Example telescopic sliding gate



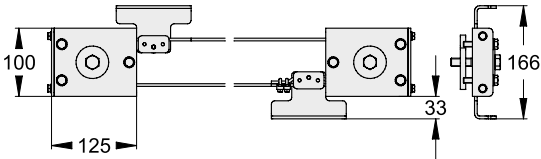
VA3502 + VA5401



Vista sezione profilo guida kit telescopico
Sectional view telescopic kit guide profile

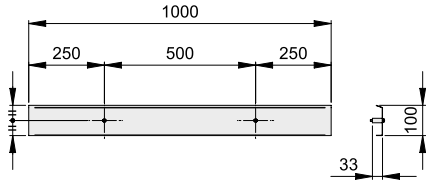
VA5101

Gruppo trasmissione telescopico completo
Complete telescopic transmission set



VA5301

Carter protettivo per gruppo trasmissione telescopico con distanziali e viti
Protective carter for telescopic transmission set with spacers and screws



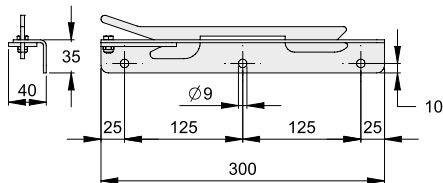
COD.	MAX OPENING		FINITURA
VA5101.004	4	1	zinc./galv.
VA5101.008	8	1	zinc./galv.
VA5101.011	11.4	1	zinc./galv.
VA5101.015	15.4	1	zinc./galv.

COD.		FINITURA
VA5301.001	1	lucido/black

Gruppo aggancio rapido per cancelli telescopici
Quick on coupling for telescopic gates

VA5201

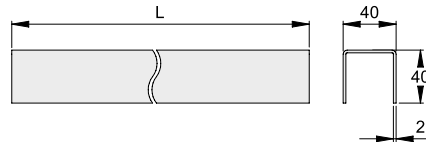
Aggancio rapido
Quick on coupling



Profilo guida superiore
Upper guide profile

VA5401

Profilo guida superiore gruppo telescopico
Telescopic upper guide profile

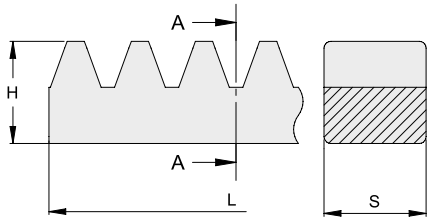


COD.		FINITURA
VA5201.004	1	zinc./galv.

COD.	L		FINITURA
VA5401.003	3	1	lucido/black
VA5401.006	6	1	lucido/black

VA6101

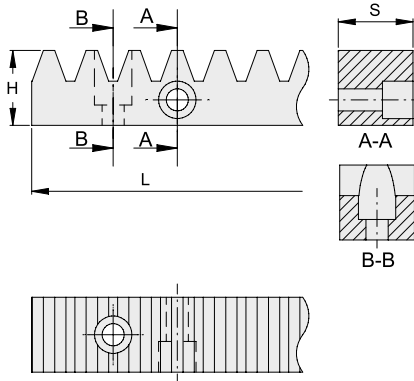
Cremagliera profilo quadro
Square profile rack



COD.	ART.	L	H	S	Modulo		FINITURA
VA6101.401	622/Z1	1000	22	22	4	1	zinc./galv.
VA6101.402	622/Z2	2000	22	22	4	1	zinc./galv.
VA6101.602	640/Z2	2000	30	30	6	1	zinc./galv.
VA6101.401.L	622/N1	1000	22	22	4	1	lucido/black
VA6101.402.L	622/N2	2000	22	22	4	1	lucido/black

VA6102

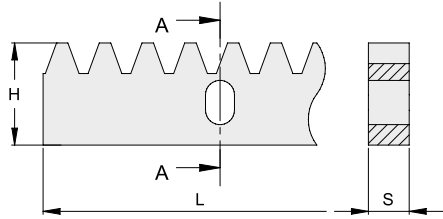
Cremagliera profilo quadro forata
Square profile drilled rack



COD.	ART.	L	H	S		FINITURA
VA6102.001	622/ZF	1000	22	22	1	zinc./galv.
VA6102.002	622/ZF2	2000	22	22	1	lucido/black

VA6200

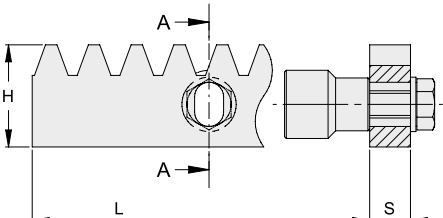
Cremagliera rettangolare 30x12 asolata
Rectangular profile rack 30x12 slotted



COD.	ART.	L	H	S		FINITURA
VA6200.001	630/ZF	1000	30	12	1	zinc./galv.
VA6200.002	630/ZF2	2000	30	12	1	zinc./galv.
VA6200.001.i	1630	1000	30	12	1	inox

VA6201

Cremagliera rettangolare 30x12 con distanziali a saldare
Rectangular profile rack 30x12 with weld on spacers



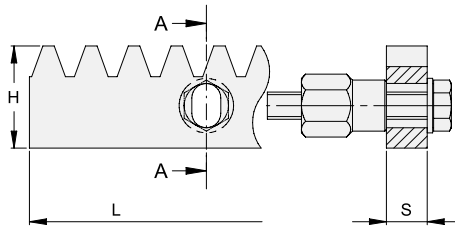
COD.	ART.	L	H	S		FINITURA
VA6201.001	630/ZS	1000	30	12	1	zinc./galv.
VA6201.002	630/ZS2	2000	30	12	1	zinc./galv.



VA6202



Cremagliera rettangolare 30x12 con distanziali da avvitare
Rectangular profile rack 30x12 with bolt on spacers

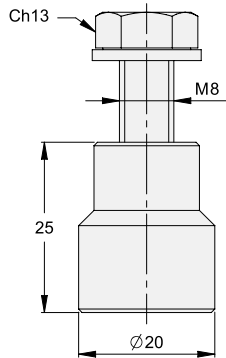


COD.	ART.	L	H	S		FINITURA
VA6202.001	630/ZA	1000	30	12	1	zinc./galv.
VA6202.002	630/ZA2	2000	30	12	1	zinc./galv.

VA6211



Distanziale a saldare completo
Weld on spacer

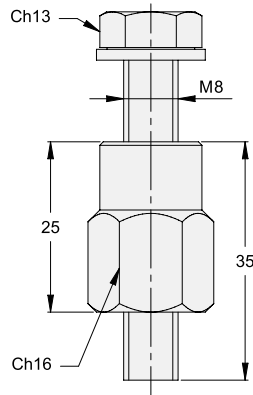


COD.	ART.		FINITURA
VA6211.025	635/S	30	zinc./galv.
VA6211.025.i	1635	30	inox

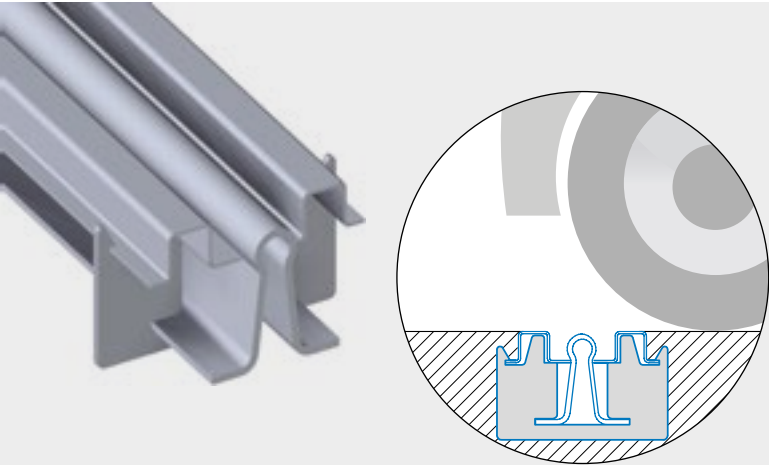
VA6212



Distanziale da avvitare completo
Bolt on spacer



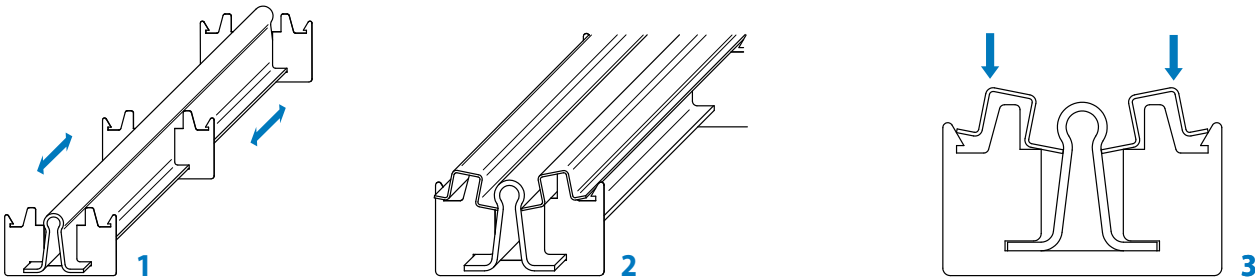
COD.	ART.		FINITURA
VA6212.025	635/A	30	zinc./galv.



VA2404 + VA2903 + VA2801

Il Kit rotaia a pavimento permette un agevole transito dei veicoli, eliminando il salto causato dalla sporgenza della rotaia tradizionale e garantisce l'integrità del profilo.
The ground guide rail kit provides easy passage of vehicles removing the leap caused by the protrusion of traditional rail and ensures the integrity of the profile.

Sequenza di montaggio
Sequence assembly



Kit rotaie zincate per portoni scorrevoli con fissaggio a livello stradale
tramite annegamento nel cemento.

1. Inserire i supporti lungo la rotaia.
2. Posizionare i due profili inserendoli tra i supporti e la rotaia lasciandoli quindi sollevati esternamente.
3. Fissare i profili ad incastro esercitandovi una pressione nei punti indicati in figura in corrispondenza di ciascun supporto.

Galvanized cement ground fixing Rail Kit for sliding gates.

1. Insert the supports throughout the rail's length.
2. Position the two profiles between the supports and the rail, keep the profiles raised externally.
3. Fix the profiles by pressing on the areas indicated in the figure in correspondence to each support.

KA2404.003
820K3

Kit rotaia a pavimento 3 m / Ground guide rail kit 3 m

COD.	ART.	DESCRIZIONE - DESCRIPTION	
VA2404.003	820/Z3	Rotaia sagomata zincata 3 m / Ground guide rail half-round profile 3 m	1
VA2801.003	830Z3	Profilo aperto a omega 3 m / Lateral profile guide rail 3 m	2
VA2903.020	835	Piastra per incastro zincata / Coupling plate	3

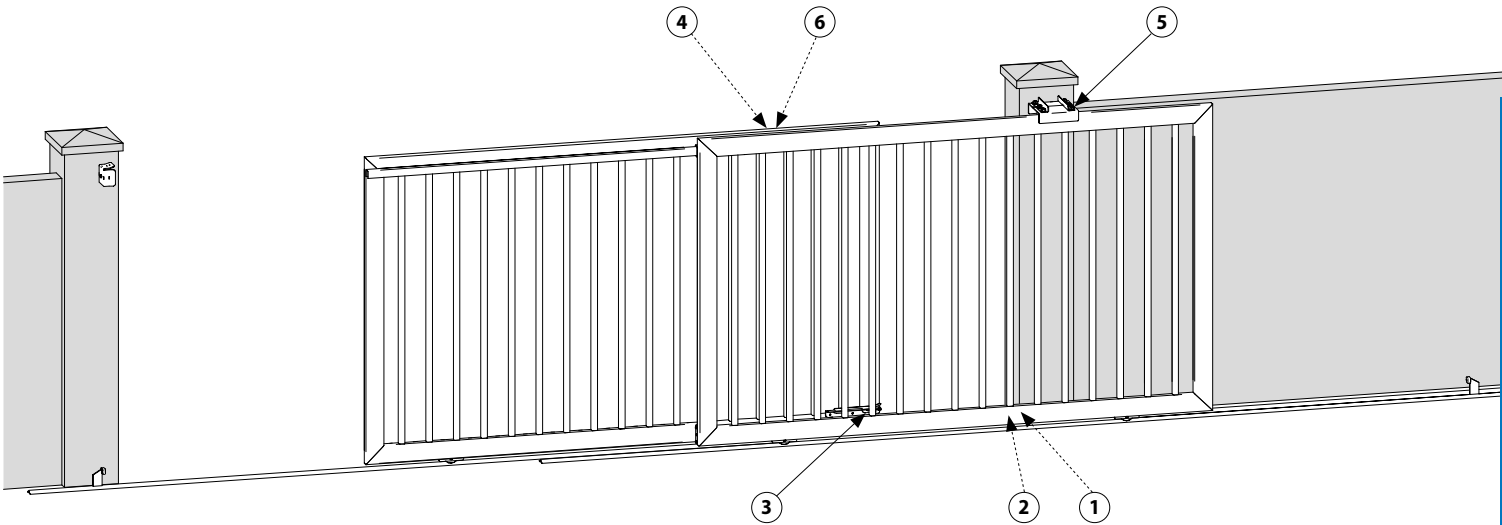
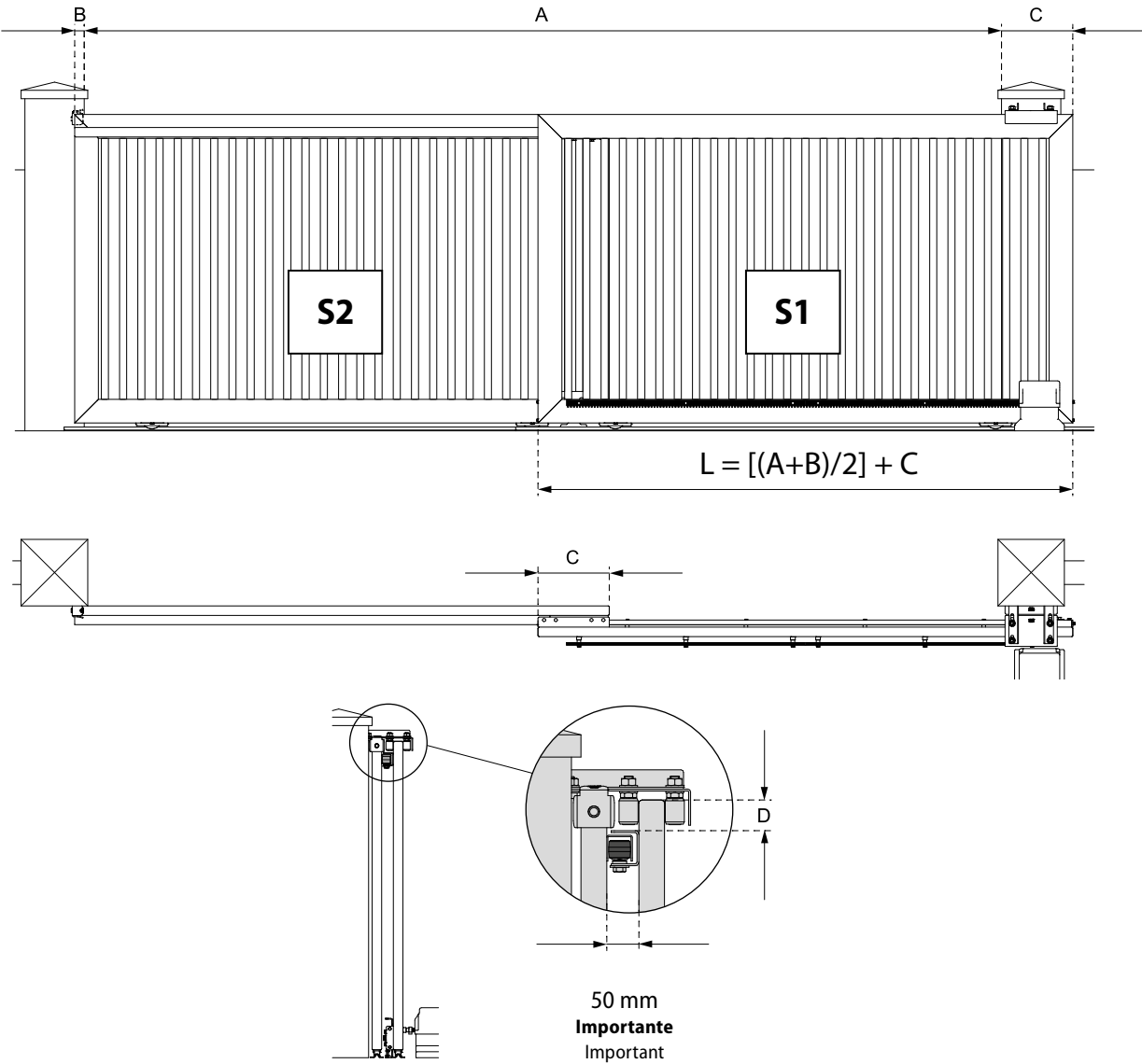
KA2404.006
820K

Kit rotaia a pavimento 6 m / Ground guide rail kit 6 m

COD.	ART.	DESCRIZIONE - DESCRIPTION	
VA2404.006	820/Z	Rotaia sagomata zincata, gola tonda 6 m / Ground guide rail half-round profile 6 m	1
VA2801.006	830Z	Profilo aperto a omega 6 m / Lateral profile guide rail 6 m	2
VA2903.020	835	Piastra per incastro zincata / Coupling plate	5



CANCELLI SCORREVOLI SLIDING GATES



CANCELLI SCORREVOLI SLIDING GATES

Elenco parti Component list

Opzionale Optional

1	2	3	4	5	6
VA5101	VA5301.001	VA5201.004	VA3502.N34	VA3501	VA5401

KA5100.004

Kit telescopico apertura 4 m / Telescopic kit opening up to 4 m

COD.	DESCRIZIONE - DESCRIPTION	
VA3501.A30	Piastra con olive d. 30x40 / Plate with guide rollers d. 30x40	1
VA3502.N34	Supporto olive di collegamento due ante / Connection rollers support	1
VA5101.004	Ruote con fune e attacchi-luce max 4 m / Wheels with cable and fittings-max opening 4 m	1
VA5201.004	Aggancio rapido ante / Quick on coupling	1
VA5301.001	Carter protezione cavo / Cable protection carter	2

KA5100.008

Kit telescopico apertura 8 m / Telescopic kit opening up to 8 m

COD.	DESCRIZIONE - DESCRIPTION	
VA3501.A30	Piastra con olive d. 30x40 / Plate with guide rollers d. 30x40	1
VA3502.N34	Supporto olive di collegamento due ante / Connection rollers support	1
VA5101.008	Ruote con fune e attacchi-luce max 8 m / Wheels with cable and fittings-max opening 8 m	1
VA5201.004	Aggancio rapido ante / Quick on coupling	1
VA5301.001	Carter protezione cavo / Cable protection carter	4

KA5100.011

Kit telescopico apertura 11,4 m / Telescopic kit opening up to 11,4 m

COD.	DESCRIZIONE - DESCRIPTION	
VA3501.B40	Piastra con olive d. 40x60 / Plate with guide rollers d. 40x60	1
VA3502.N34	Supporto olive di collegamento due ante / Connection rollers support	2
VA5101.011	Ruote con fune e attacchi-luce max 11,4 m / Wheels with cable and fittings-max opening 11,4 m	1
VA5201.004	Aggancio rapido ante / Quick on coupling	1
VA5301.001	Carter protezione cavo / Cable protection carter	6

KA5100.015

Kit telescopico apertura 15,4 m / Telescopic kit opening up to 15,4 m

COD.	DESCRIZIONE - DESCRIPTION	
VA3501.B40	Piastra con olive d. 40x60 / Plate with guide rollers d. 40x60	1
VA3502.N34	Supporto olive di collegamento due ante / Connection rollers support	2
VA5101.015	Ruote con fune e attacchi-luce max 15,4 m / Wheels with cable and fittings-max opening 15,4 m	1
VA5201.004	Aggancio rapido ante / Quick on coupling	1
VA5301.001	Carter protezione cavo / Cable protection carter	8

Tabella dimensioni
Dimension table

COD.	A max (m)	C (m)	D min (mm)	S2 max (kg)
KA5100.004	4	0,3	50	300
KA5100.008	8	0,3	50	300
KA5100.011	11,4	0,6	70	400
KA5100.015	15,4	0,6	70	400

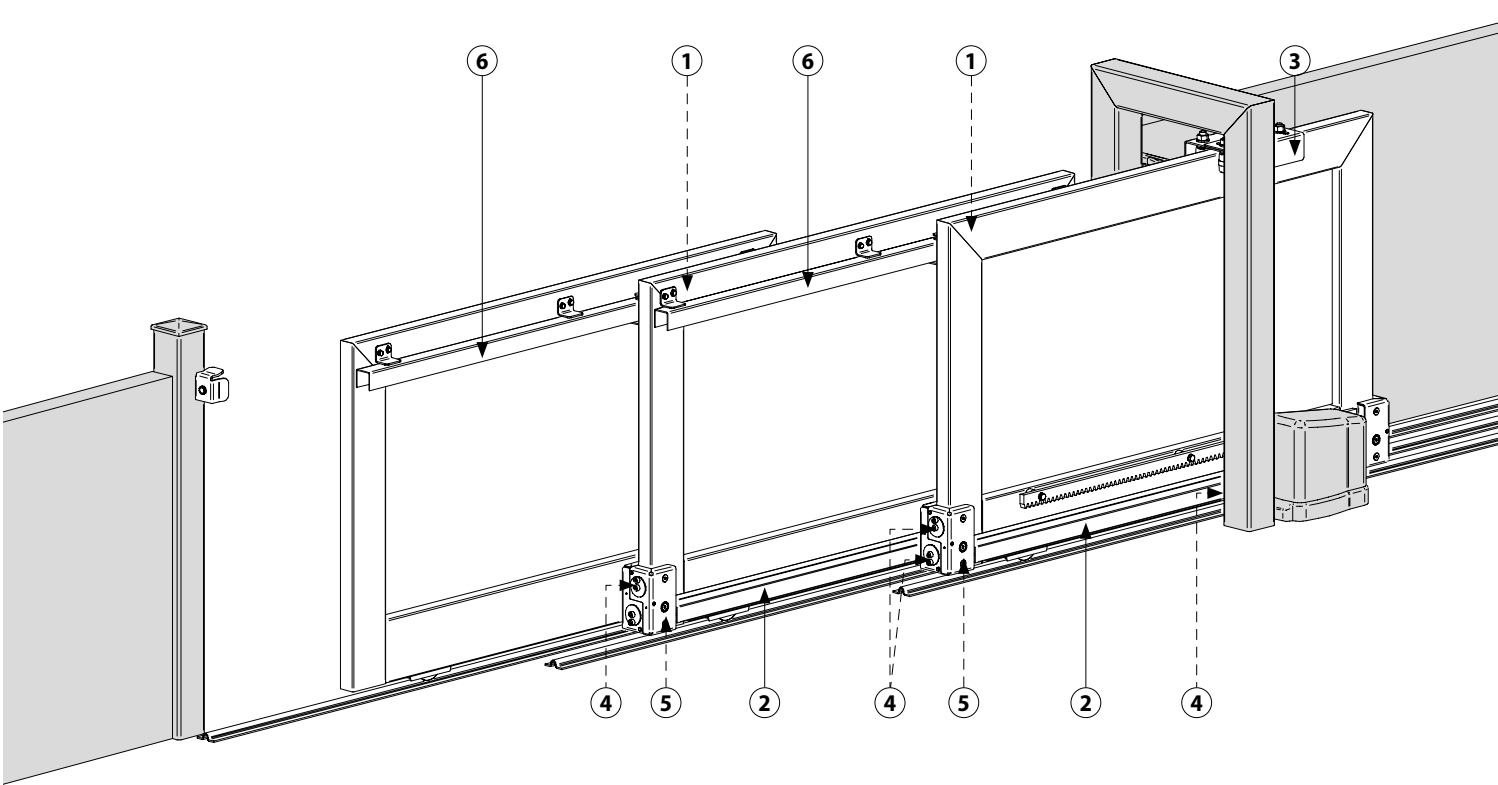
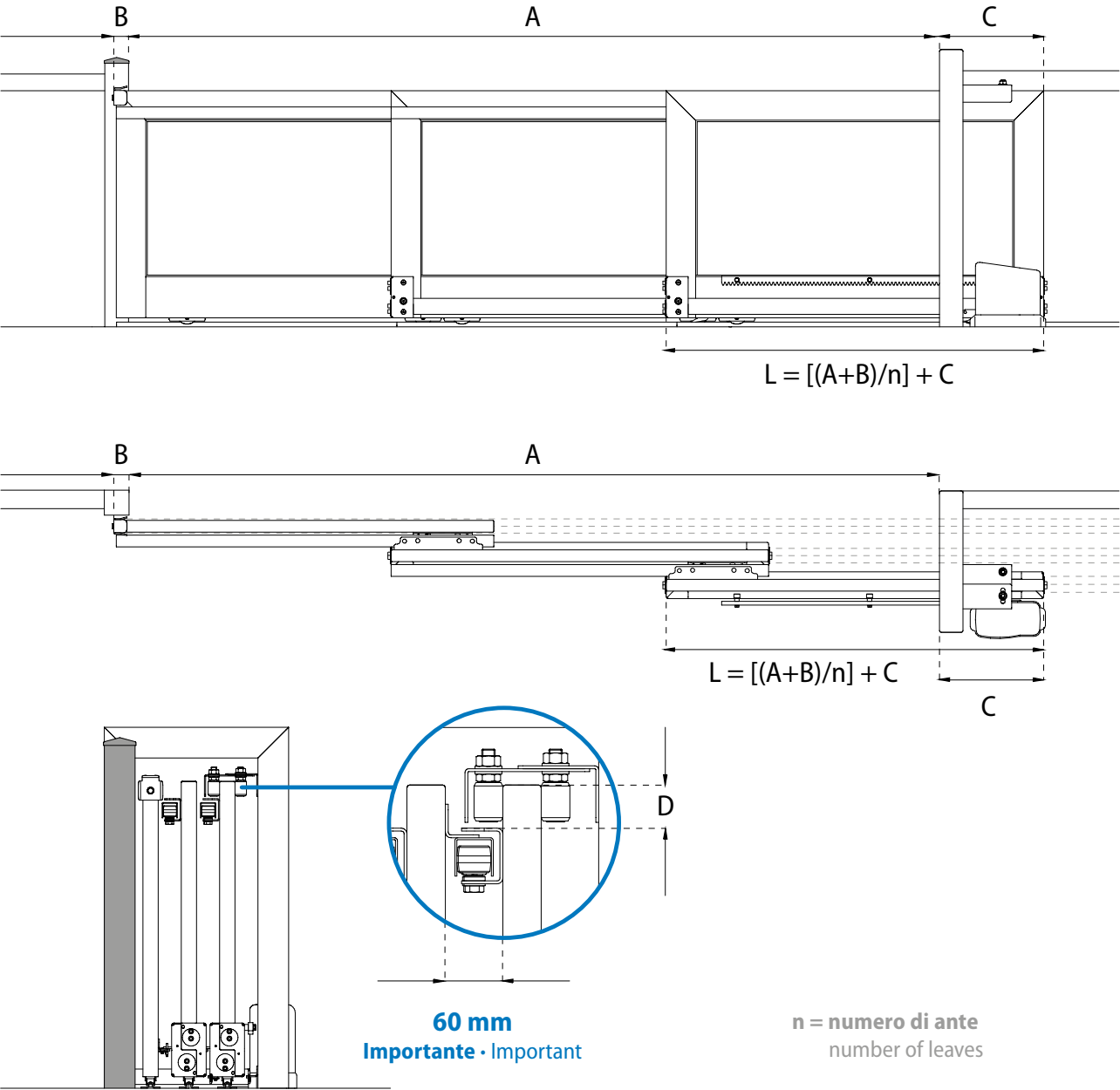
Dimensionamento ante
Sections dimensioning

COD.	APERTURA / OPENING (A)	L (m) con/with B=0,08
KA5100.004	3	1,84
KA5100.004	4	2,34
KA5100.008	5	2,84
KA5100.008	6	3,34
KA5100.008	7	3,84
KA5100.008	8	4,34
KA5100.011	9	5,14
KA5100.011	10	5,64
KA5100.011	11	6,14
KA5100.015	12	6,64
KA5100.015	13	7,14
KA5100.015	14	7,64
KA5100.015	15	8,14

Esempio misure fuori tabella
Example dimensions not in table

A = 3,5 m
B = 0,06 m (che scegliete voi/that you choose)
C = 0,3 m (da tabella sopra/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

Attenzione: velocità ultima anta = velocità doppia motorizzata.
Attention: last wing speed = double wing automated speed.



Elenco parti Component list

1 VA3502.N34

2 VA5302.001

4 VA5202.004

5 VA5102

Opzionale Optional

3 VA3203.A30

6 VA5401

Dimensionamento ante
Leaves dimensioning

Apertura Opening A (m)	L (m) dipende dal numero di ante con B = 0,08 L (m) depending on the number of leaves with B = 0,08					
	n=2 Ante - Leaves			n=3 Ante - Leaves		
	C (m) min	L (mm)	Kit	C (m) min	L (mm)	Kit
3	0,35	1,89	1xKA5102.002	0,35	1,38	2xKA5102.002
4	0,35	2,39	1xKA5102.002	0,35	1,71	2xKA5102.002
5	0,35	2,89	1xKA5102.004	0,35	2,04	2xKA5102.002
6	0,35	3,39	1xKA5102.004	0,35	2,38	2xKA5102.002
7	0,35	3,89	1xKA5102.004	0,35	2,71	2xKA5102.004
8	0,35	4,39	1xKA5102.004	0,35	3,04	2xKA5102.004
9	0,35		-	0,35	3,38	2xKA5102.004
10	0,35		-	0,35	3,71	2xKA5102.004
11	0,35		-	0,35	4,04	2xKA5102.004
12	0,35		-	0,35	4,38	2xKA5102.004
Peso massimo per ante (kg) - Maximum leaf weight (kg)						
400			200			

Esempio misure fuori tabella
Example dimensions not in table

A = 6,6 m
B = 0,06 m
C = 0,35 m
n = 3 numero di ante / number of leaves
 $L = [(A+B)/n] + C = [(6,6 + 0,06)/3] + 0,35 = 2,57$

Attenzione: velocità ultima ante = velocità ante motorizzata x numero di ante.
Peso totale massimo ante trascinata = 400 kg.

Attention: velocity of the leading leaf = velocity of the motorized leaf x the number of leaves used.
Total maximum weight of the dragged leaves = 400 kg.

KA5102.002 **NEW**

Kit copertura luce anta fino a 2 m / Kit for leaf opening up to 2 m

COD.	DESCRIZIONE - DESCRIPTION	
VA3502.N34	Supporto olive di collegamento 2 ante / Connection rollers support	1
VA5102.002	Ruote con fune e attacchi-luce / Wheels with cable and fittings	1
VA5202.004	Aggancio rapido ante / Quick on coupling	2
VA5302.001	Carter protezione cavo / Cable protection carter	4

KA5102.004 **NEW**

Kit copertura luce anta fino a 4 m / Kit for leaf opening up to 4 m

COD.	DESCRIZIONE - DESCRIPTION	
VA3502.N34	Supporto olive di collegamento 2 ante / Connection rollers support	1
VA5102.004	Ruote con fune e attacchi-luce / Wheels with cable and fittings	1
VA5202.004	Aggancio rapido ante / Quick on coupling	2
VA5302.001	Carter protezione cavo / Cable protection carter	7

D SPEC



team@d-spec.com.au

- 03 9300 5105 National
d-spec.com.au