

Short manual

Facade awnings

2021





All short manuals for download



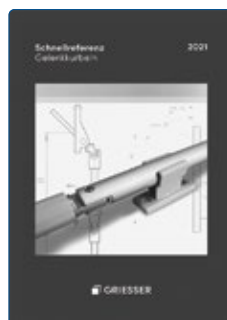
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↓ [Facade awnings](#)



↓ [Articulated cranks](#)



↓ [Window shutters](#)



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Facade awnings

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The information and values given refer to our products in their standard version according to the brochure and intended use/application.

Solozip® II

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Limit dimensions Solozip® II Intro 95

Single awning

Operation	Width min. (bk)	Width max. (bk)	Height min. (gh)	Height max. (gh)	Surface* max. [m²]
Motor drive	800	3500	500	3000	10.5

Limit dimensions Solozip® II Intro 100 | Solozip® II Box 100

Single awning

Operation	Width min. (bk)	Width max. (bk)	Height min. (gh)	Height max. (gh)	Surface* max. [m²]
Motor drive	800	4000	500	3000	12

Limit dimensions Solozip® II Intro 130 | Solozip® II Box 130

Single awning

Operation	Width min. (bk)	Width max. (bk)	Height min. (gh)	Height max. (gh)	Surface* max. [m²]
Motor drive	800	6000 ¹ 4500 ² 4000 ³	500	6000 ¹ 5000 ^{2,3}	18 ¹ 15 ^{2,3}

¹ Classic Satiné 5500 | Satiné 21154

² Soltis 86 | 92 | Acrylic

³ Soltis B92 | B702

* The height-width ratio may not exceed 5 ($gh/bk \leq 5$).



Use a spirit level to plumb tubes and guide rails!



Parallel alignment of the guide rails:

Standard guide rails: $bk \pm 2 \text{ mm}$

Recessed guide rails: $bk \pm 3 \text{ mm}$

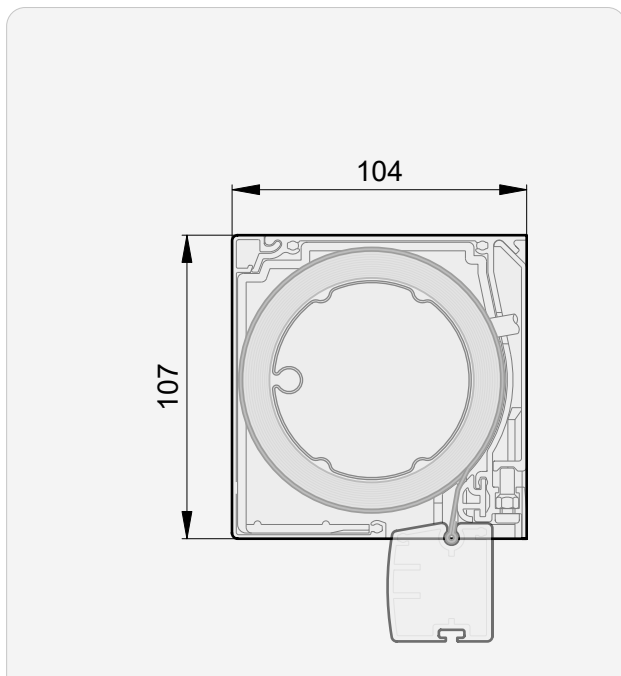


Balcony shutters require separate clarifications!

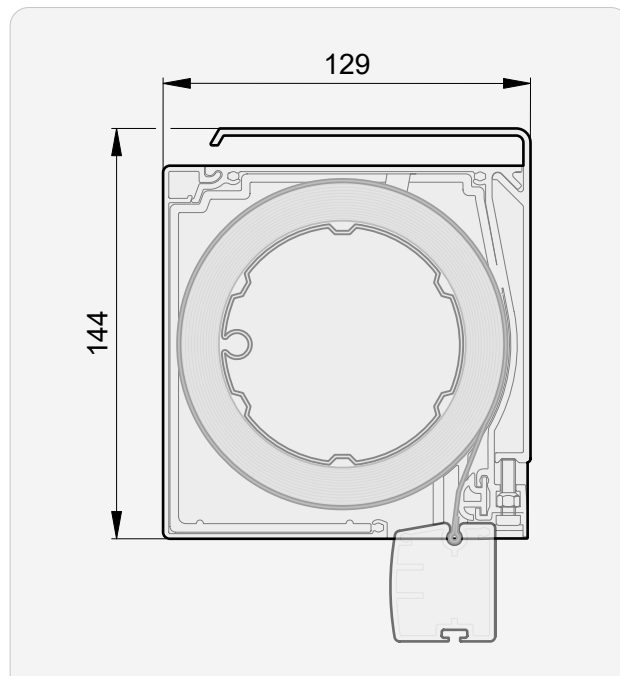
Box versions

Box square

Solozip® II Box 100

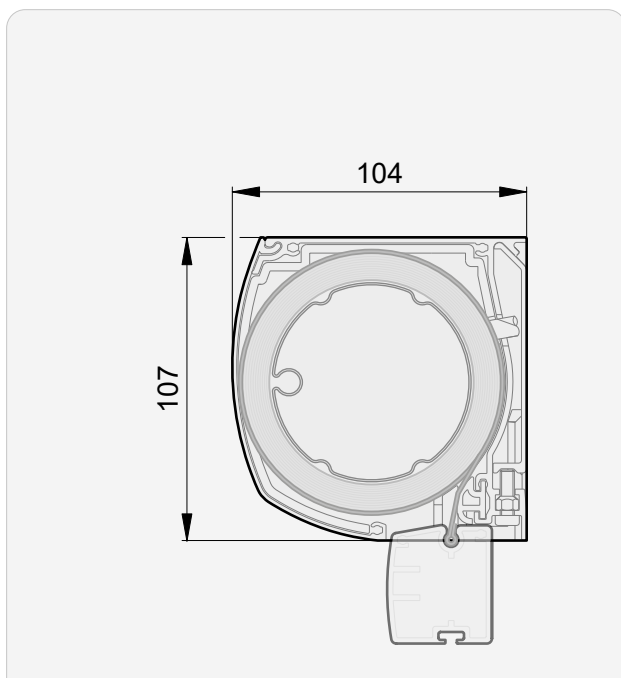


Solozip® II Box 130

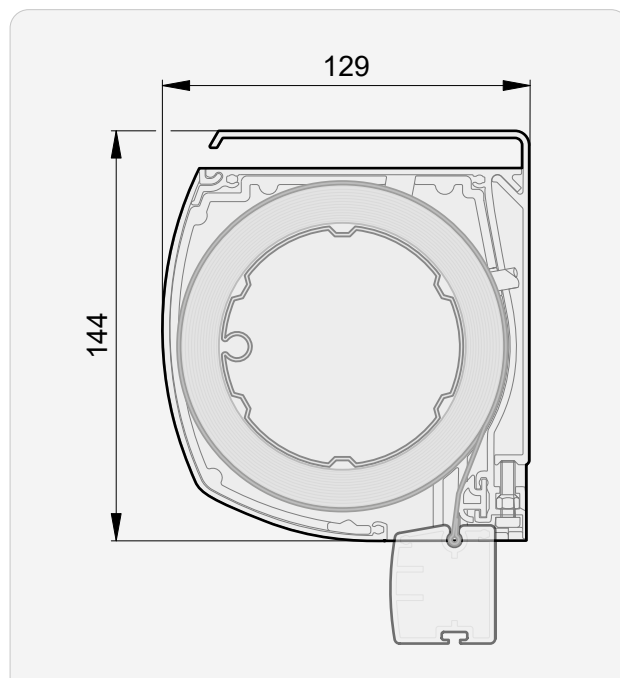


Box Design

Solozip® II Box 100



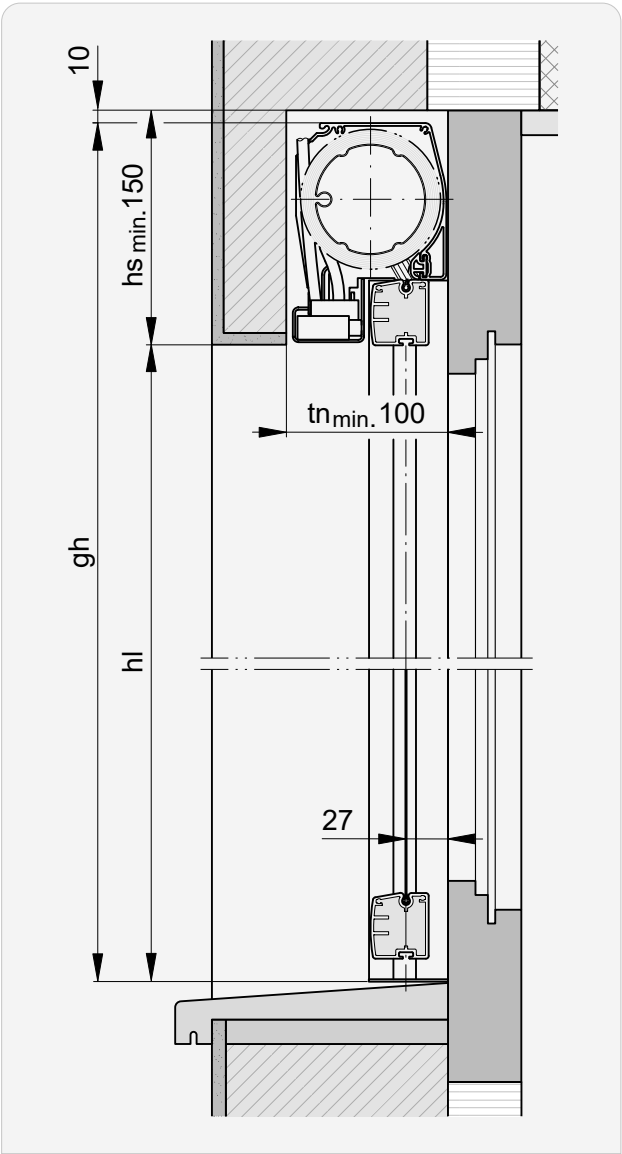
Solozip® II Box 130



Built-in system

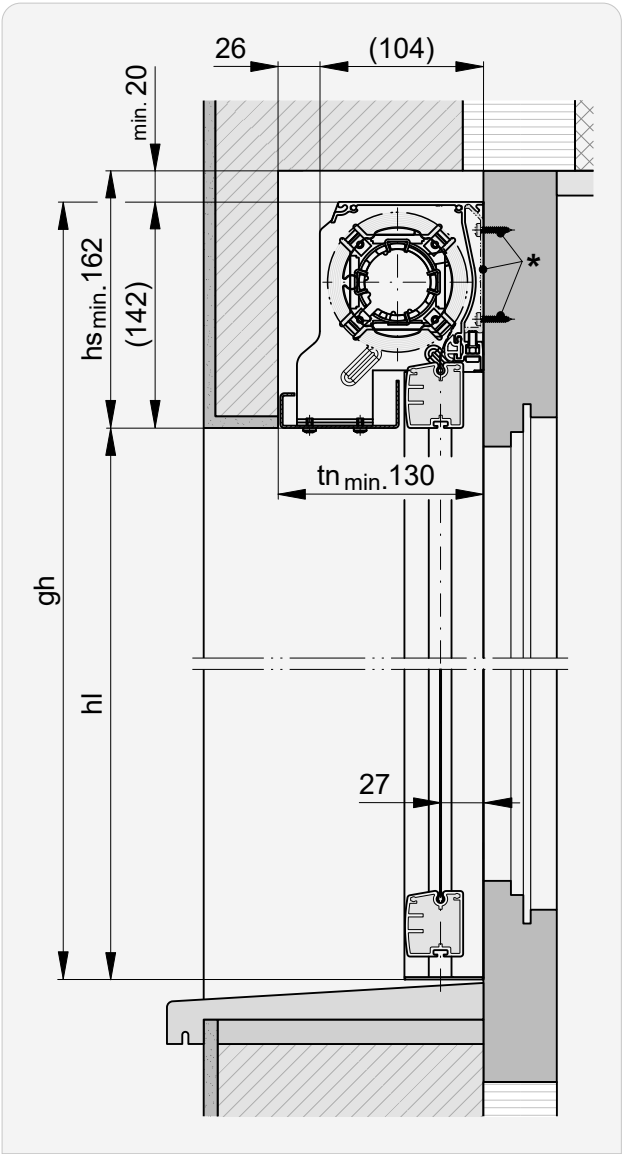
Vertical section: Solozip® II Intro 95

CS



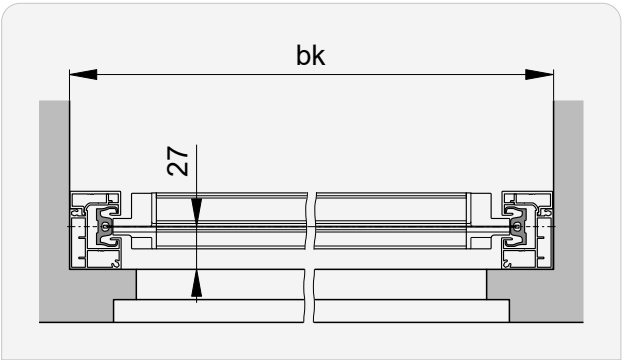
Vertical section: Solozip® II Intro 100

CS

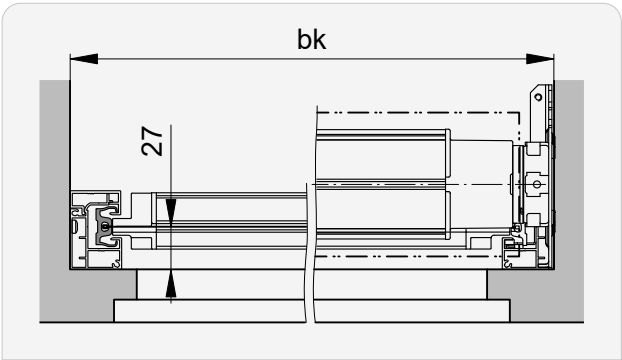


* an **additional holder** is required when **bk > 3500**

Horizontal section: Solozip® II Intro 95



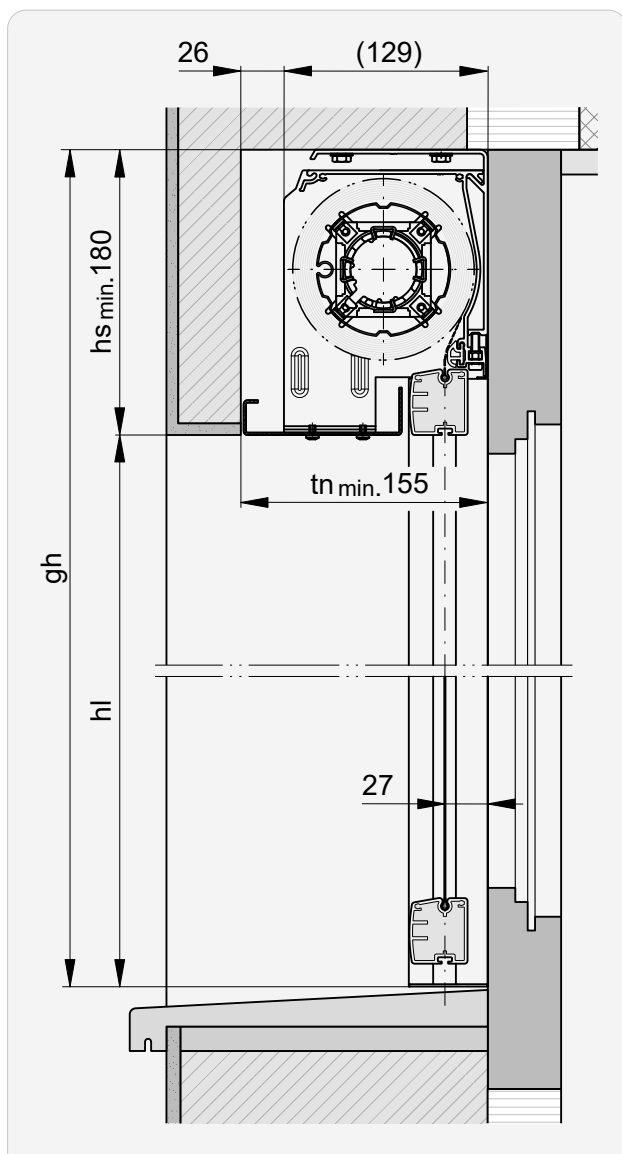
Horizontal section: Solozip® II Intro 100



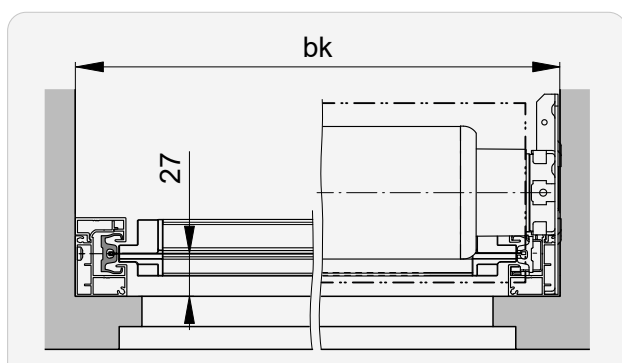
►► Built-in system

Vertical section: Solozip® II Intro 130

CS



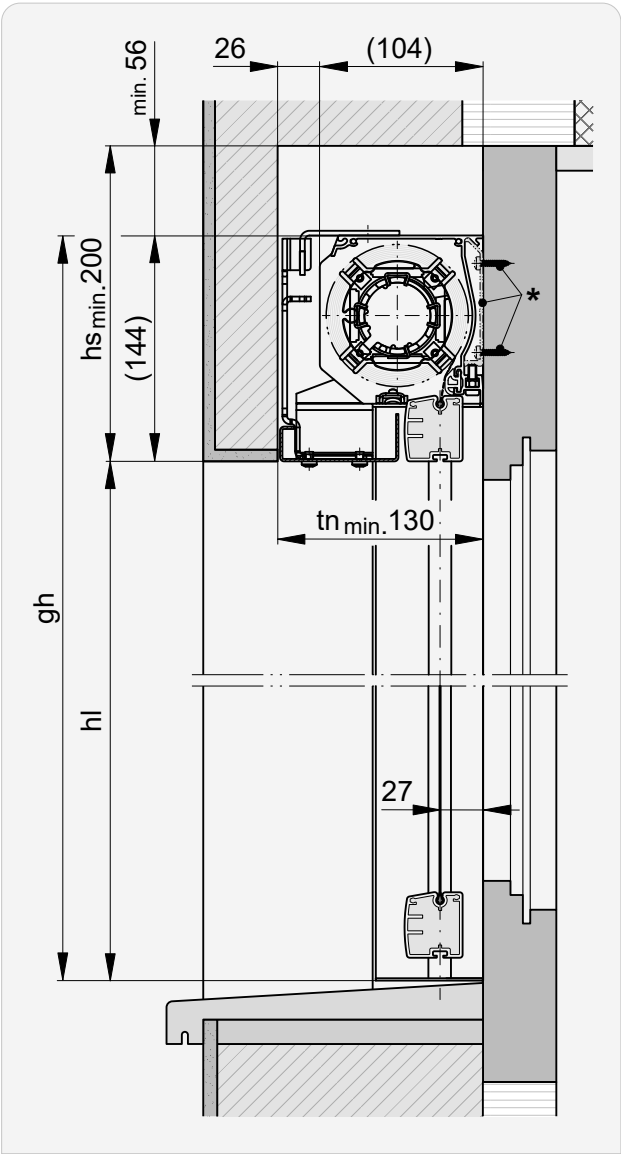
Horizontal section: Solozip® II Intro 130



Built-in system with recessed guide rails

Vertical section: Solozip® II Intro 100

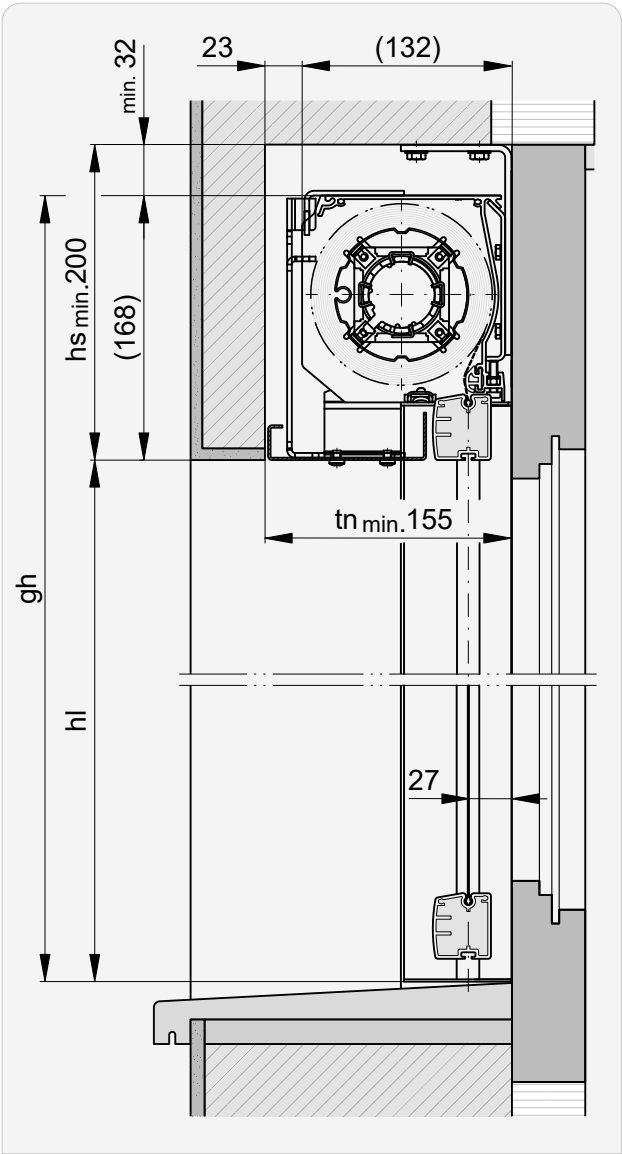
CE



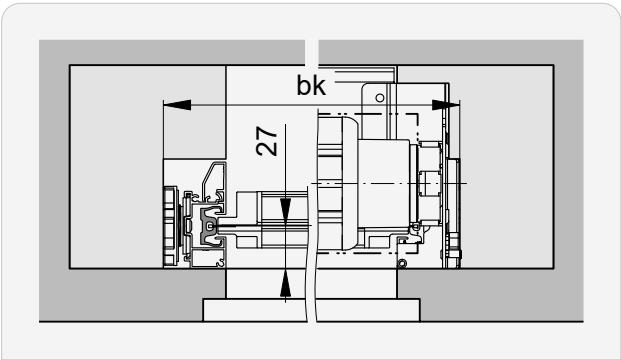
* an **additional holder** is required when **bk** > 3500

Vertical section: Solozip® II Intro 130

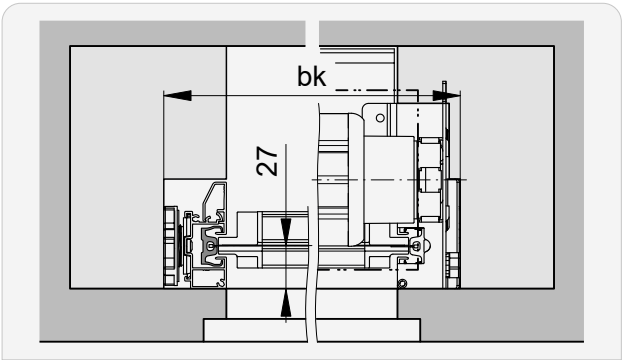
CE



Horizontal section: Solozip® II Intro 100



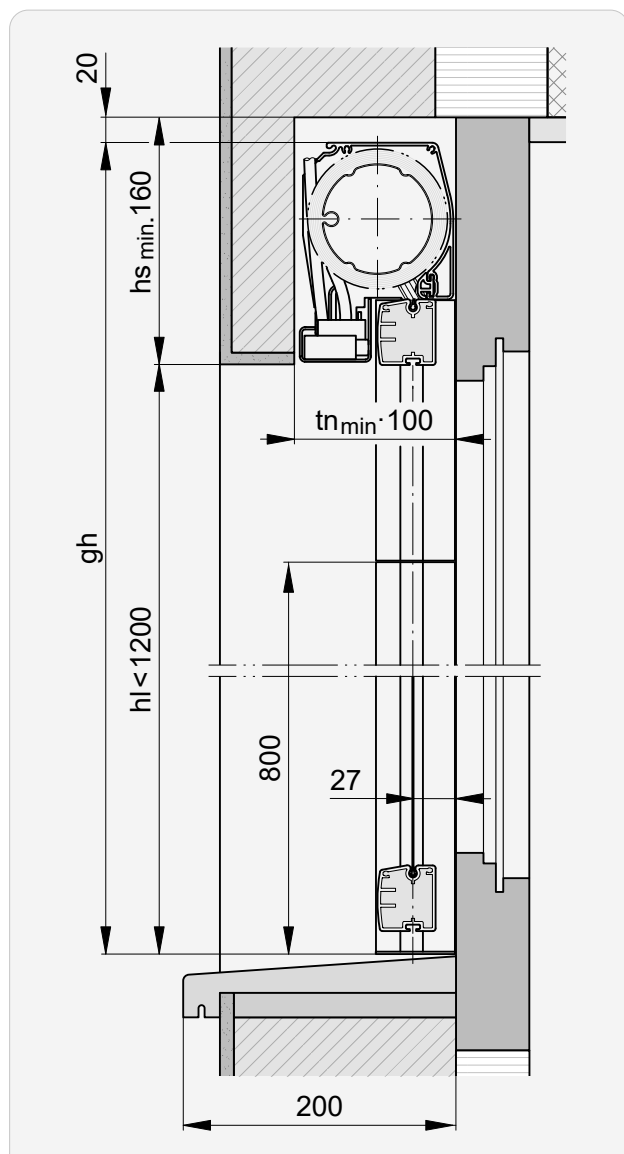
Horizontal section: Solozip® II Intro 130



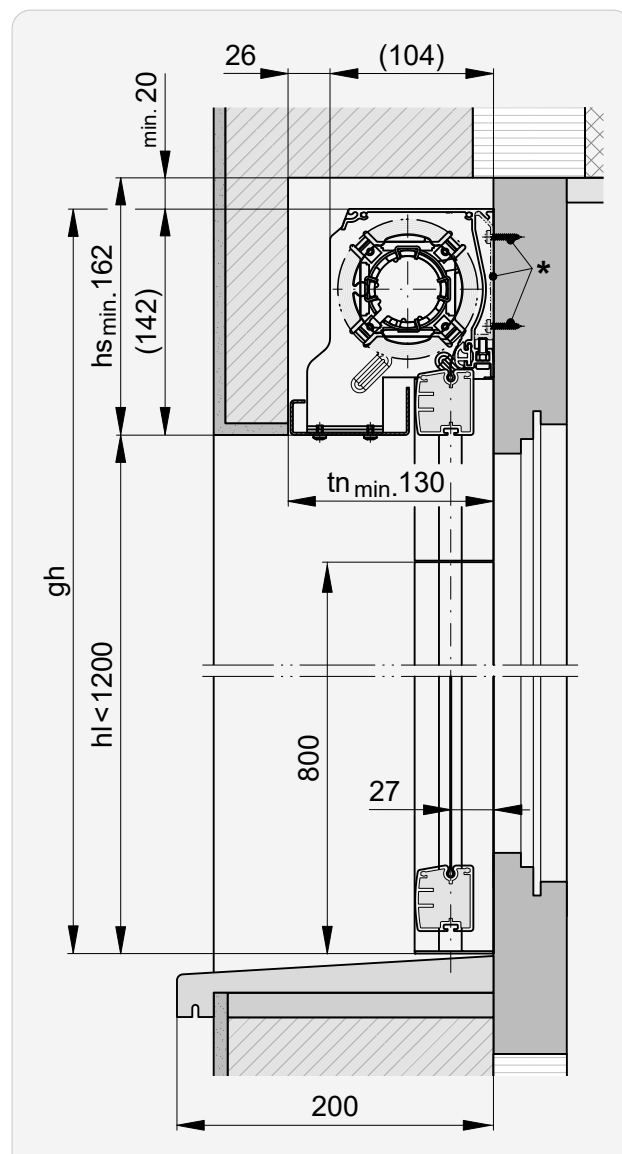
Built-in system with two-part guide rails

Vertical section: Solozip® II Intro 95

CS



Vertical section: Solozip® II Intro 100



* an **additional holder** is required when **bk > 3500**

Overview

Solozip® II	Type of guide rail	hl < 1200
Intro 95	CS	●
Intro 100	CS	○
Intro 130	—	—

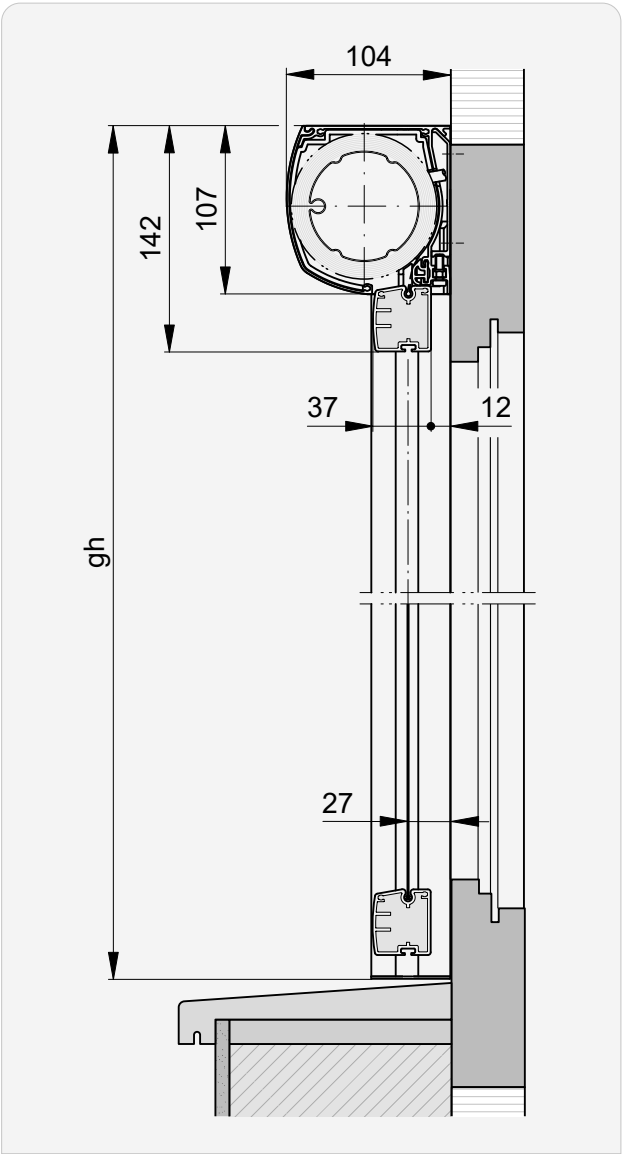
● required

○ optional

Installation system with box

Vertical section: Solozip® II Box 100

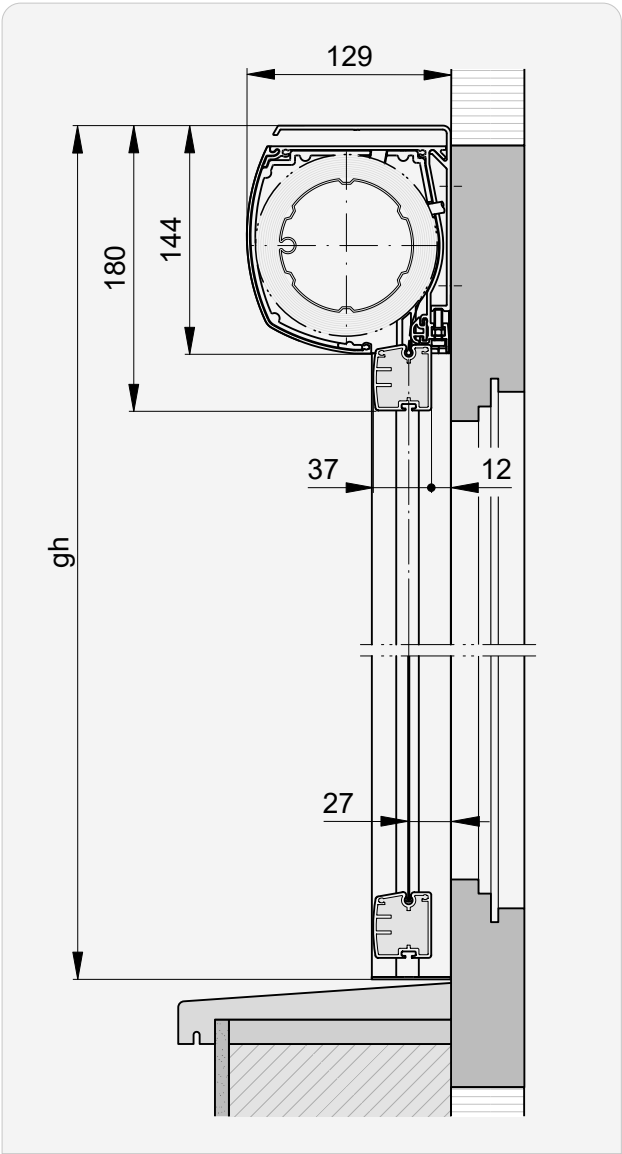
CS



Solozip® II Box 100 Design

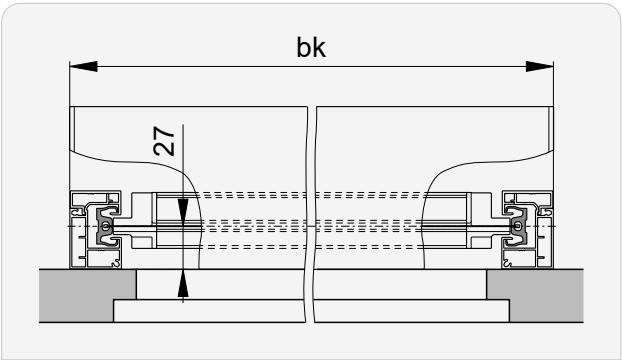
Vertical section: Solozip® II Box 130

CS

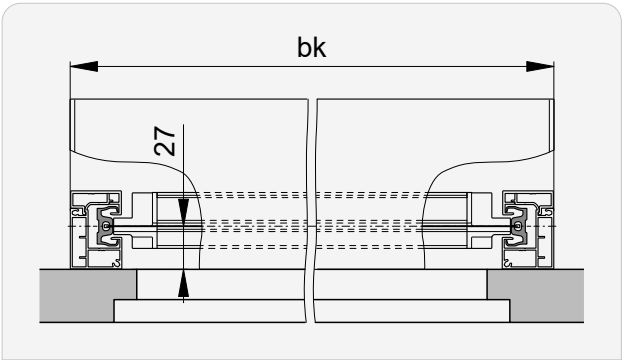


Solozip® II Box 130 Design

Horizontal section: Solozip® II Box 100



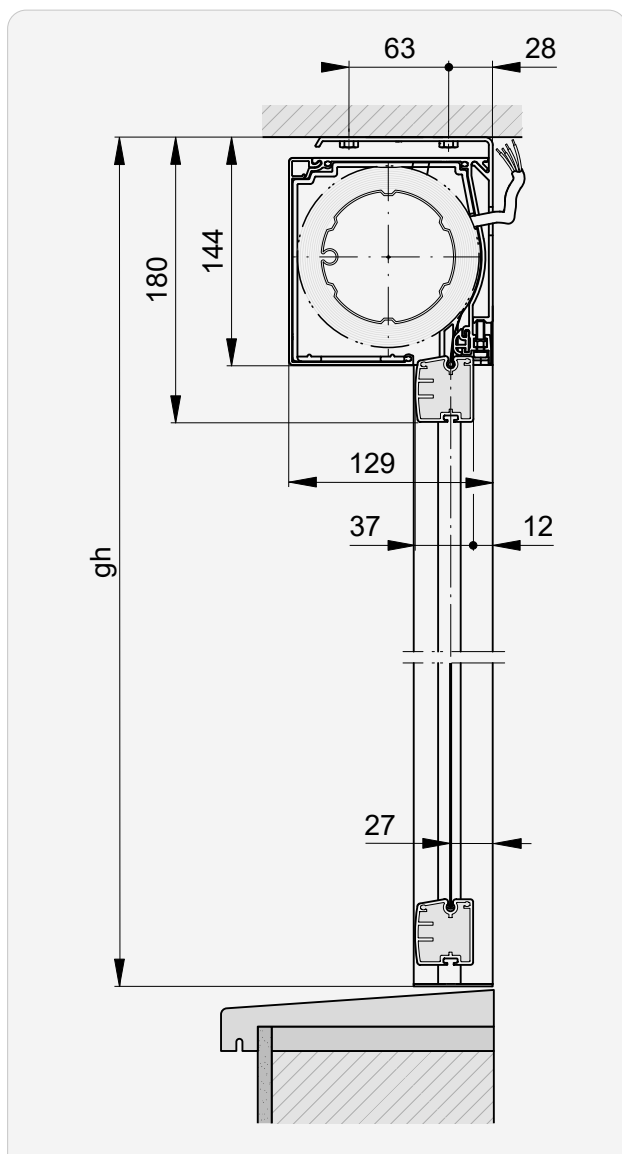
Horizontal section: Solozip® II Box 130



►► Installation system with box

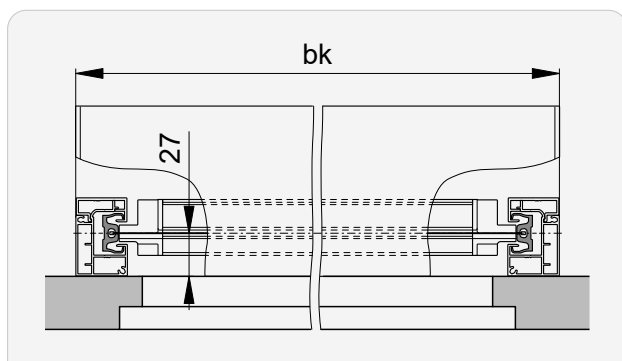
Vertical section: Solozip® II Box 130

CS

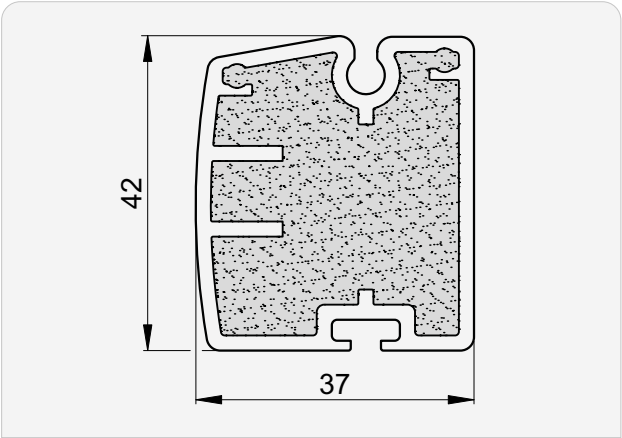


Ceiling installation

Horizontal section: Solozip® II Box 130

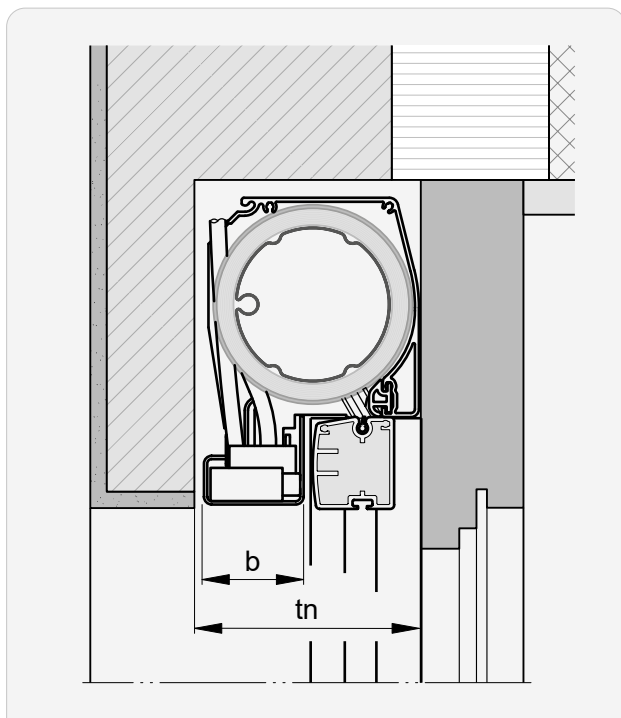


Bottom rail

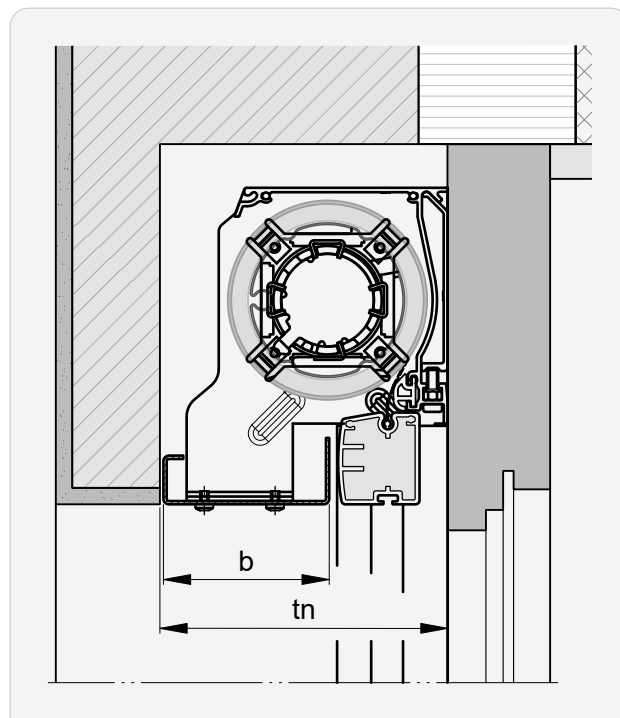


Soffit covers

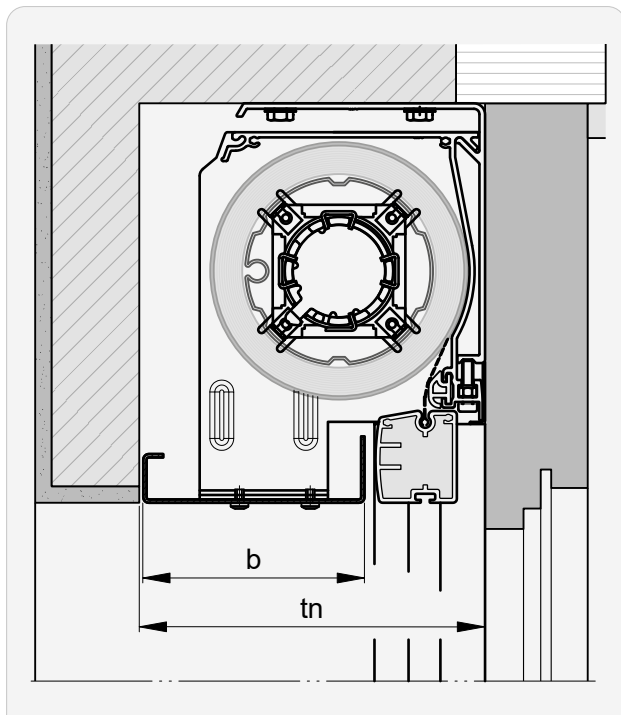
Solozip® II Intro 95



Solozip® II Intro 100



Solozip® II Intro 130



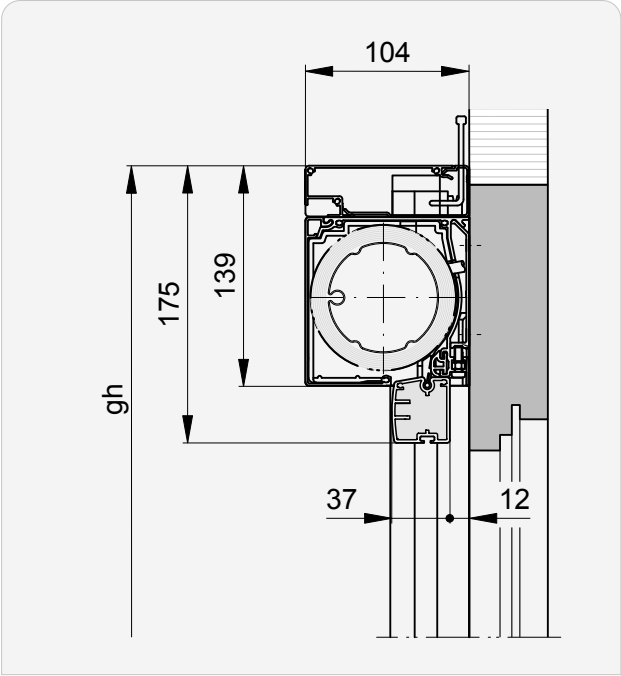
Solozip® II	Soffit cover (b)	for headers (tn)
Intro 95	45	100
	55	110
	65	120
	75	130
Intro 100	85	140
	95	150
	100	155
Intro 130	110	165
	120	175

Width (bk)	Number of parts soffit cover
≤3500	1
>3500	2

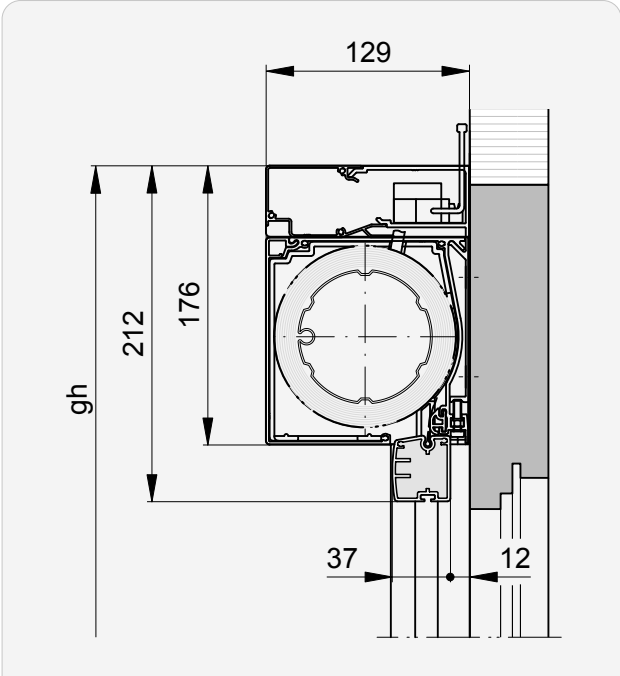
Profile Hirschmann

Box square

Solozip® II Box 100

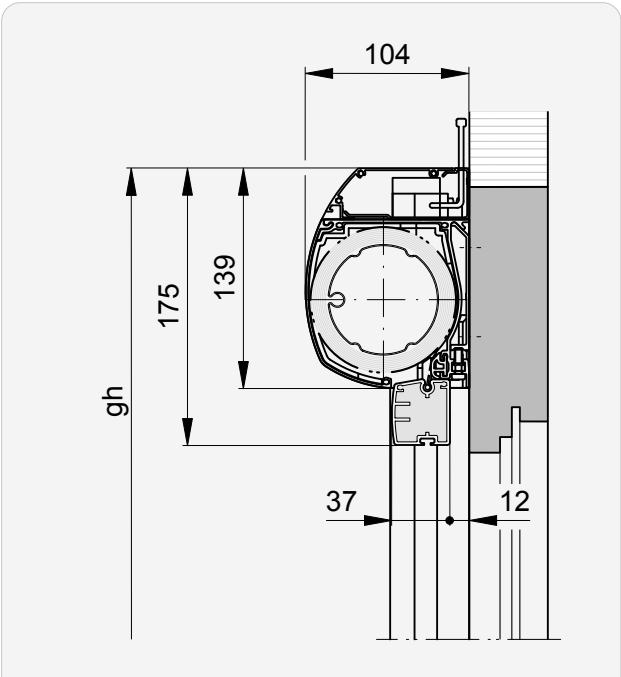


Solozip® II Box 130

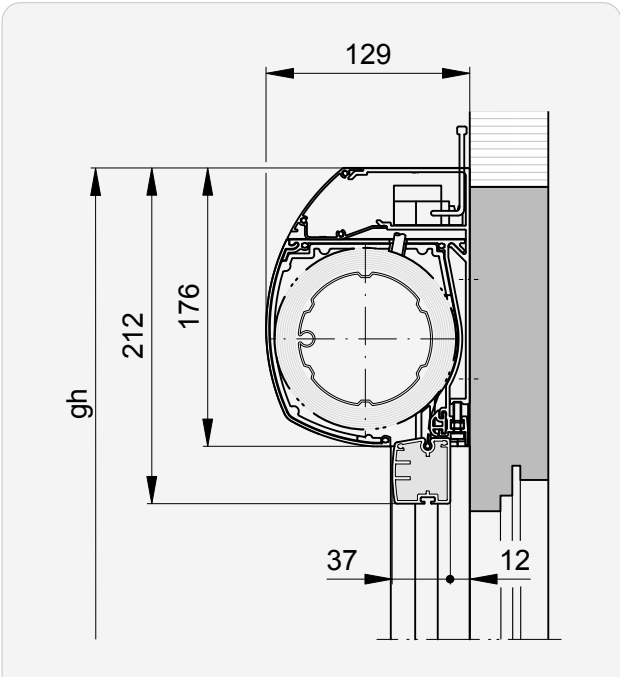


Box Design

Solozip® II Box 100



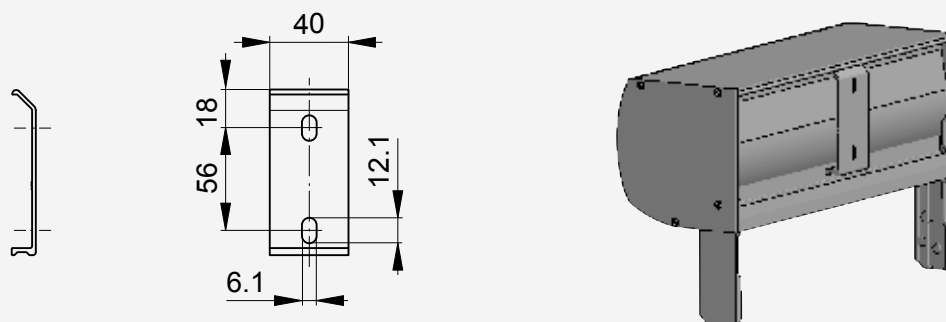
Solozip® II Box 130



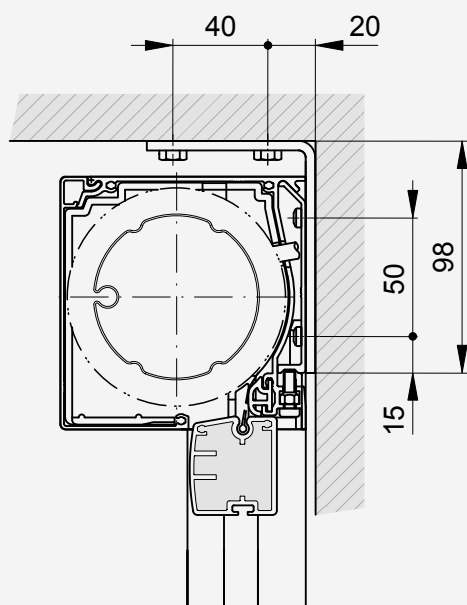
Housing fastening

Solozip® II Intro 100 | Solozip® II Box 100

i The box 100 is mounted on the self-supporting guides.
An **additional holder** is required if **bk > 3500**.



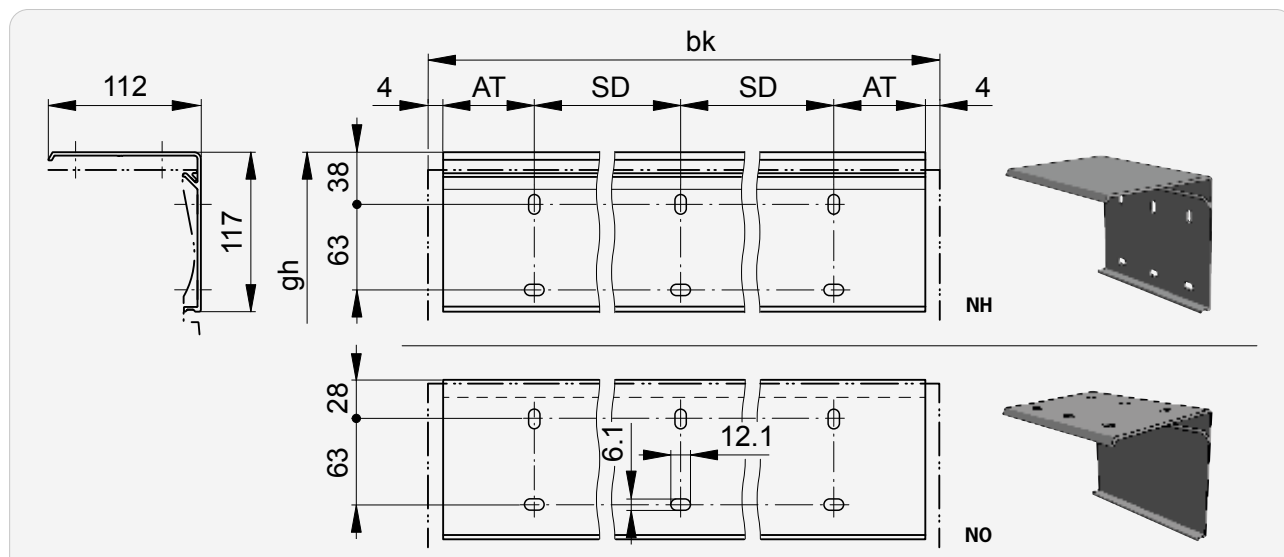
Detail



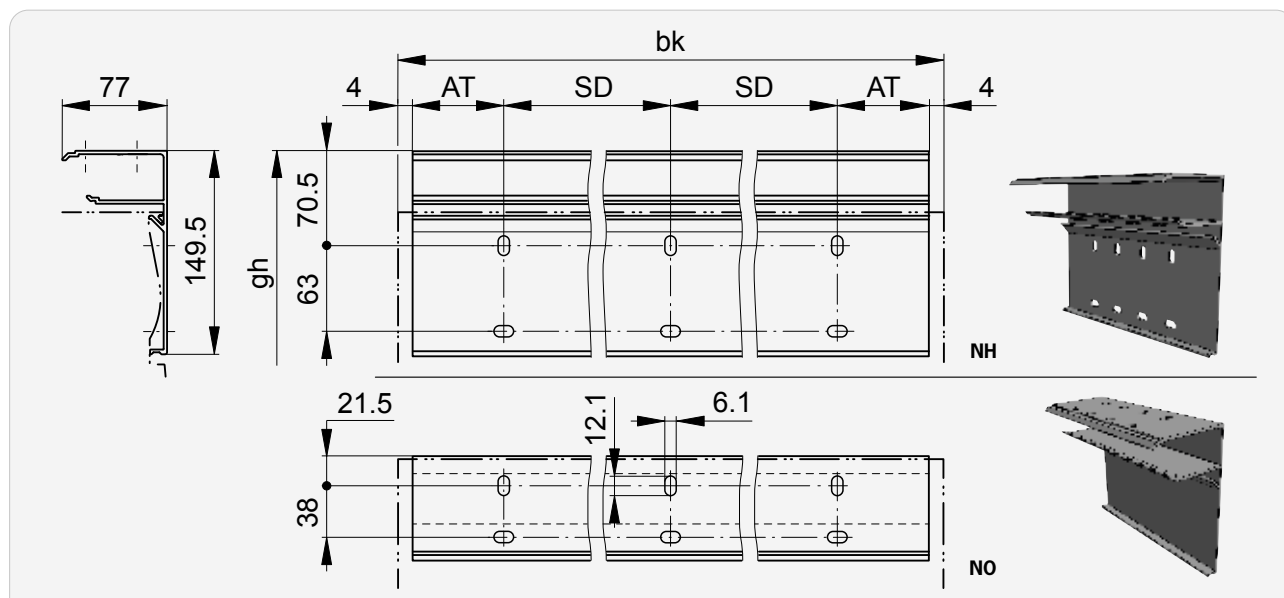
►► Housing fastening

Solozip® II Box 130

without Hirschmann profile



with Hirschmann profile



bk	SD [Number]	AT
≤2000	1	
2001...4000	2	50
4001...6000	3	

AT Beginning distance

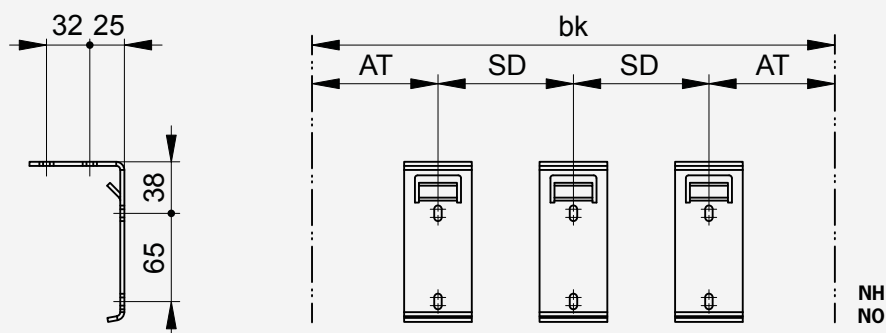
SD Slot spacing

Housing fastening

Solozip® II Intro 130

Standard guide rail

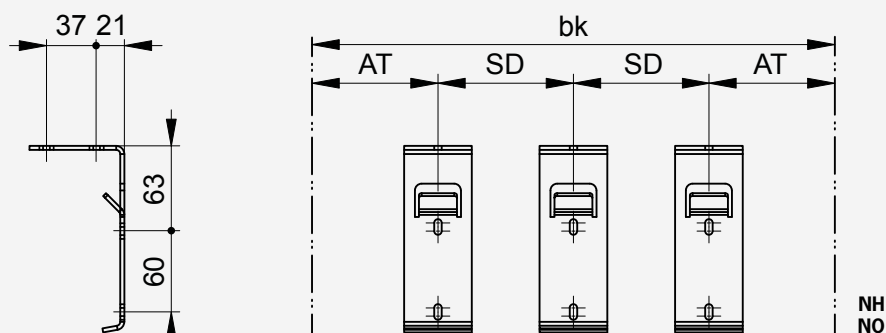
CS


NH
NO

bk	SD [Number]	Support [Number]	AT
≤2000	1	2	
2001...4000	2	3	85
4001...6000	3	4	

Recessed guide rail

CE


NH
NO

bk	SD [Number]	Support [Number]	AT
≤2000	1	2	
2001...4000	2	3	93
4001...6000	3	4	

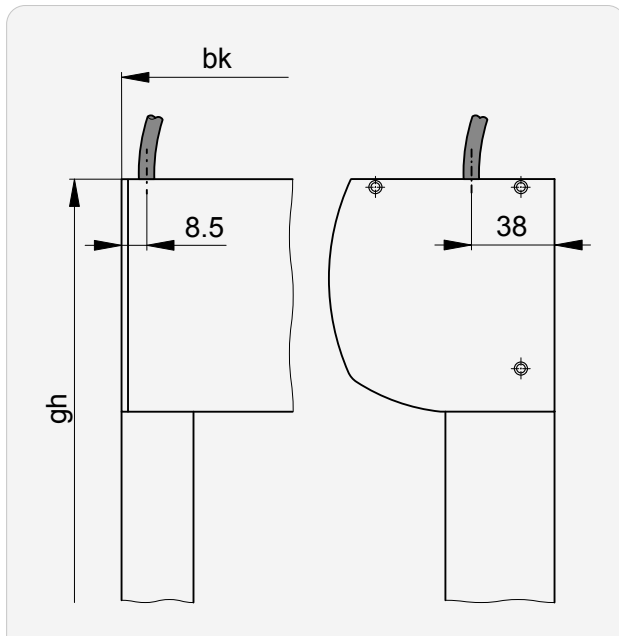
AT Beginning distance

SD Slot spacing

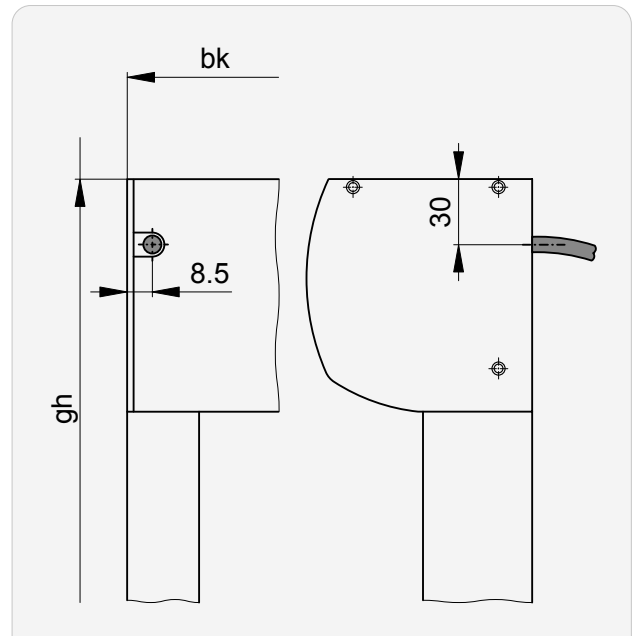
Motor cable outlet

Solozip® II Box 100

Type 1

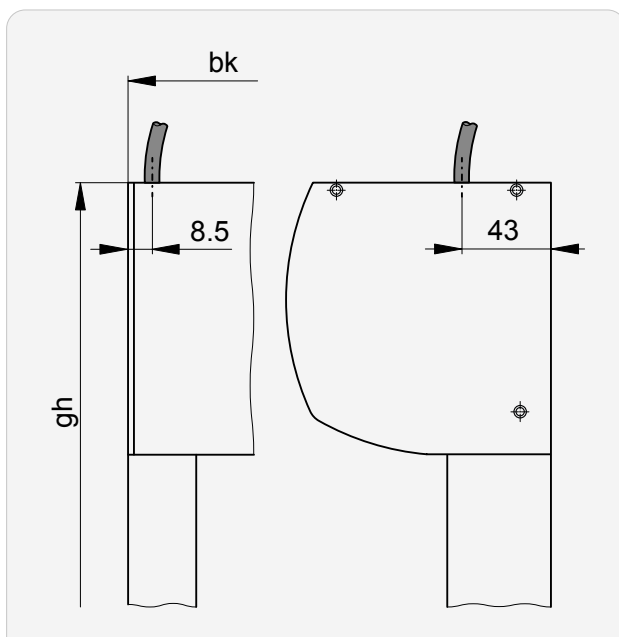


Type 2

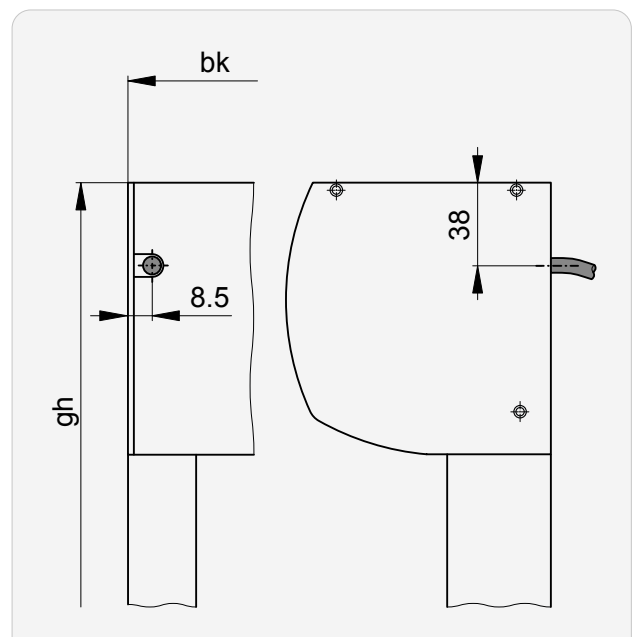


Solozip® II Box 130

Type 1



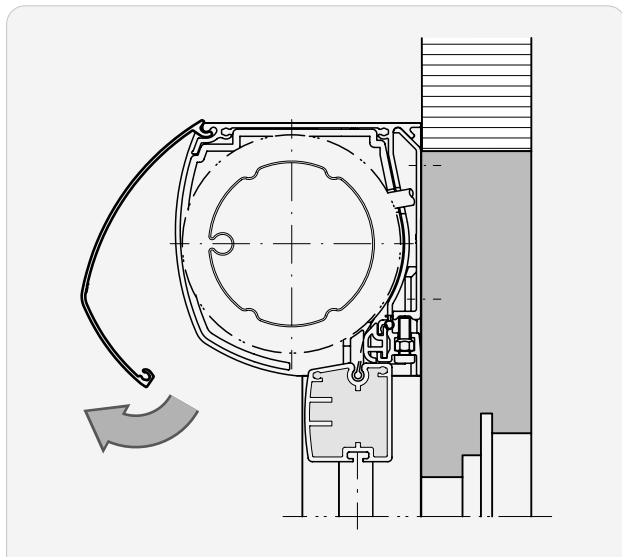
Type 2



i If the box is **fitted as built-in system**, the cable outlet is only possible **in upper direction (type 1)**.
With the **option Hirschmann profile**, the hole for the cable outlet is **drilled on site**.

Front cover of the box

With the versions Solozip® II Box 100 and Solozip® II Box 130 the front cover of the box can be opened to allow adjustments of the motor limit switches on-site.



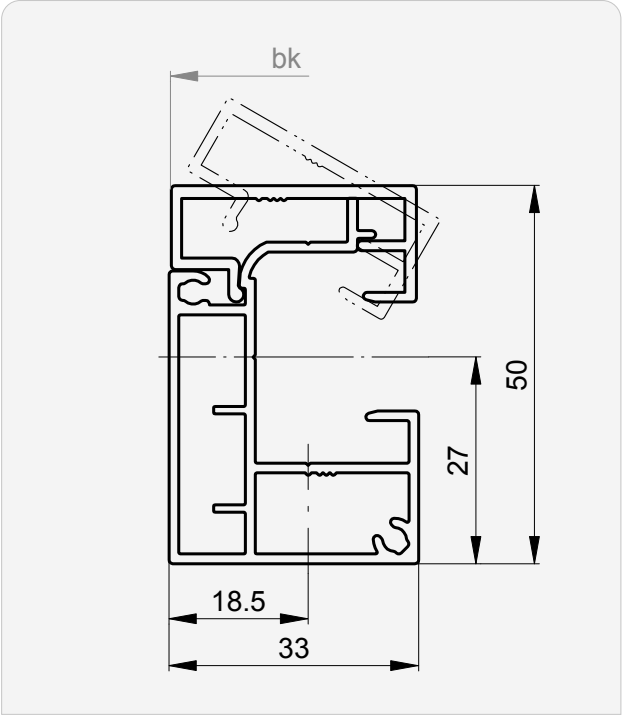
Through-holes in the box sheet metal allow adjustments to the limit switches without having to remove the soffit cover.

The limit switches are preset at the factory.

Guide rails

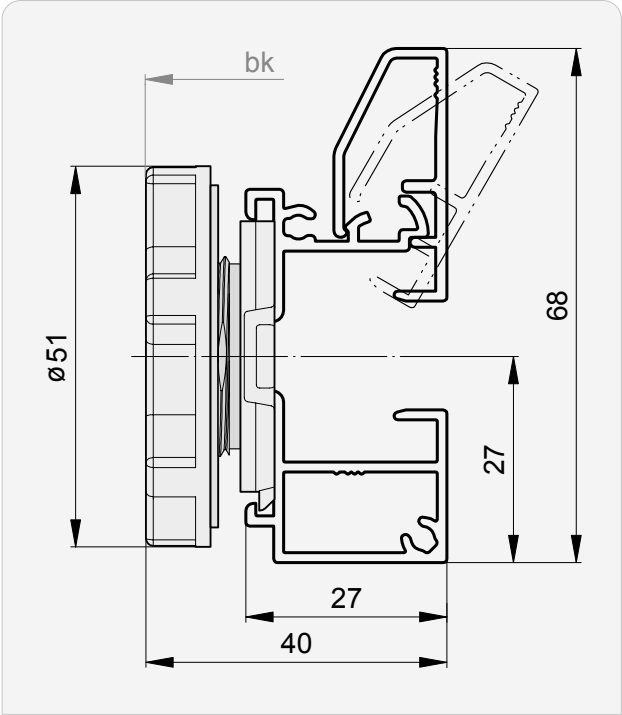
i Guide with retaining strip for clipping during installation.

Standard guide rail **CS**



Intro 95	Intro 100	Intro 130	Box 100	Box 130
●	●	●	●	●

Recessed guide rail **CE**



Intro 95	Intro 100	Intro 130	Box 100	Box 130
—	●	●	—	—

i Parallel alignment of the guide rails: **bk ±2 mm**

i Parallel alignment of the guide rails: **bk ±3 mm**

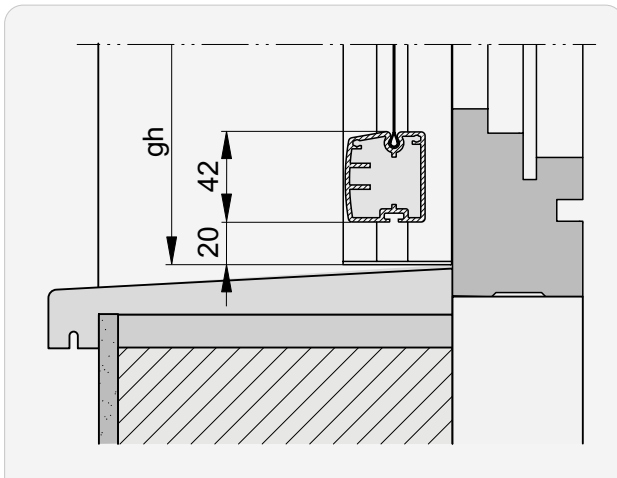
i Use a spirit level to plumb tubes and guide rails!

➔ Fastening points.....	34
➔ Guide extension and facet	33

➔ Guide rail fastenings.....	29
➔ Integrated guides.....	28

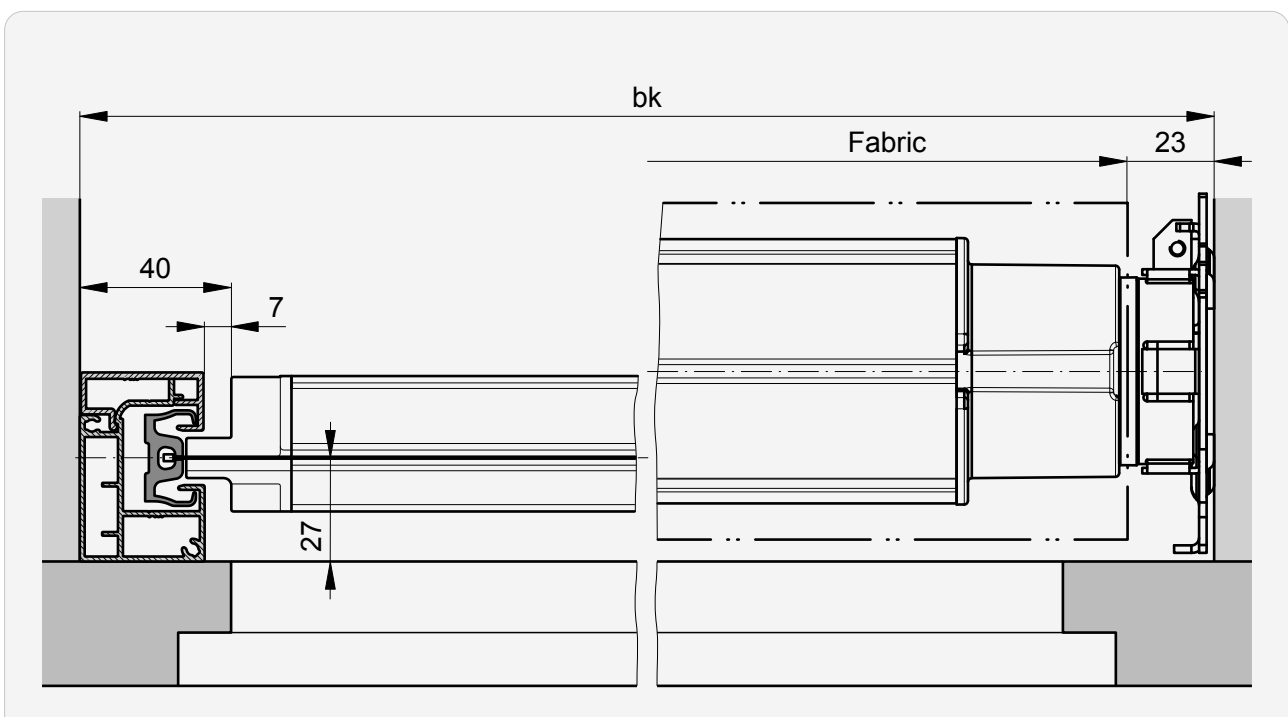
Sections | Details

Vertical section: Detail for bottom



Horizontal section: Solozip® II Intro 95

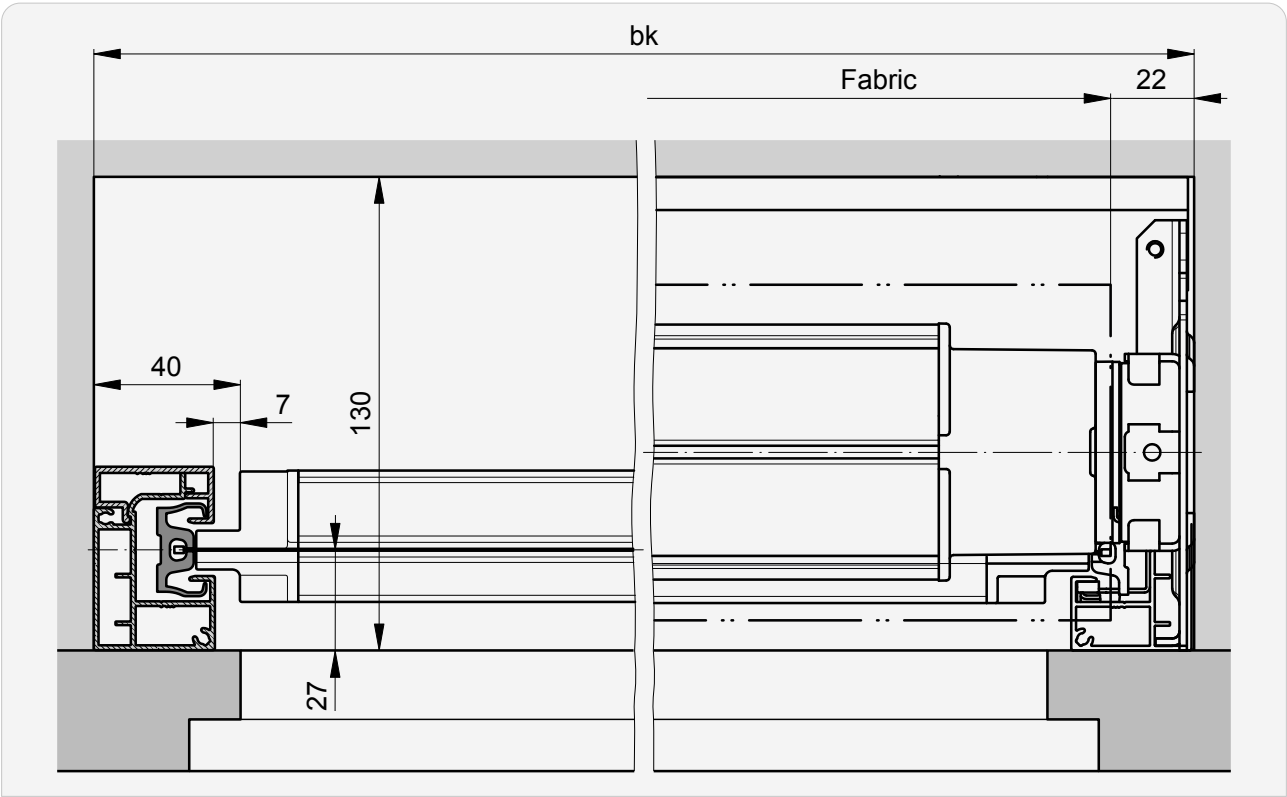
CS



►► Sections | Details

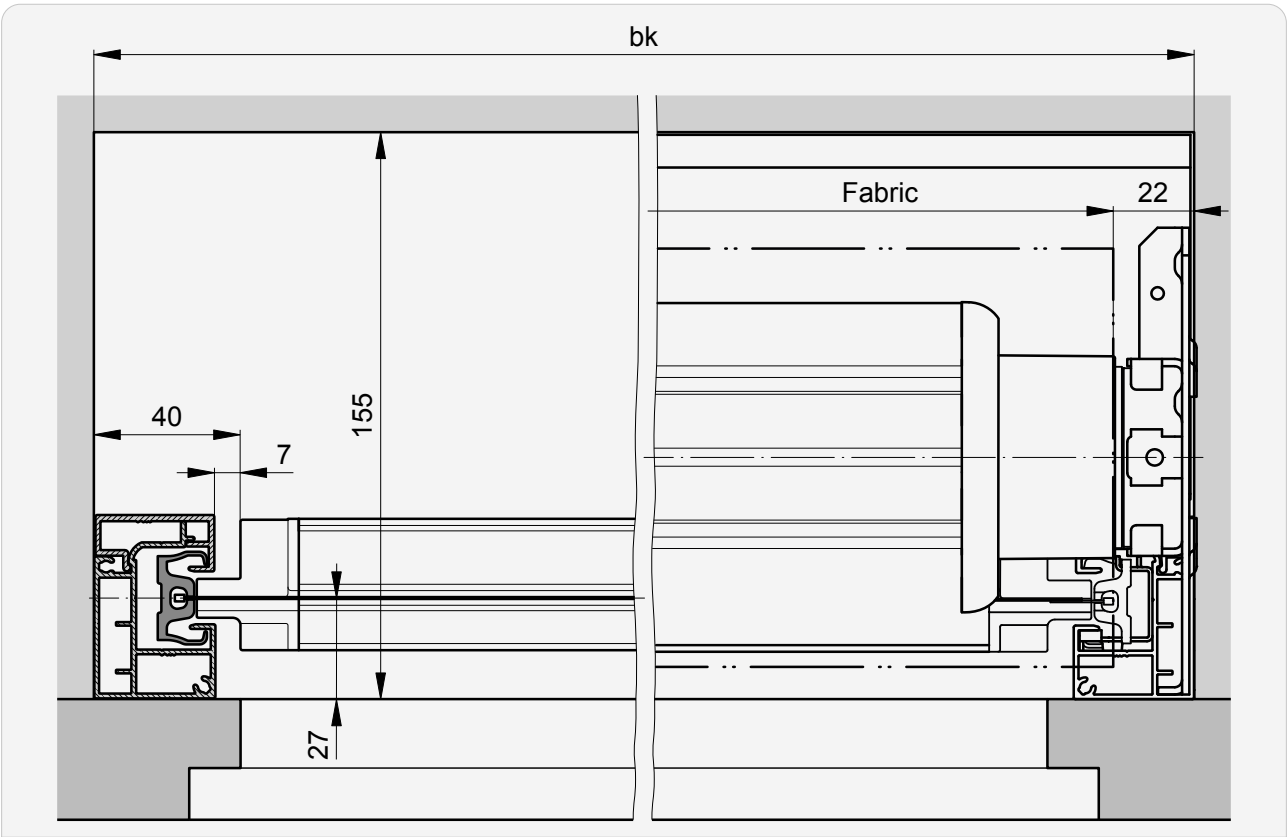
Horizontal section: Solozip® II Intro 100

CS



Horizontal section: Solozip® II Intro 130

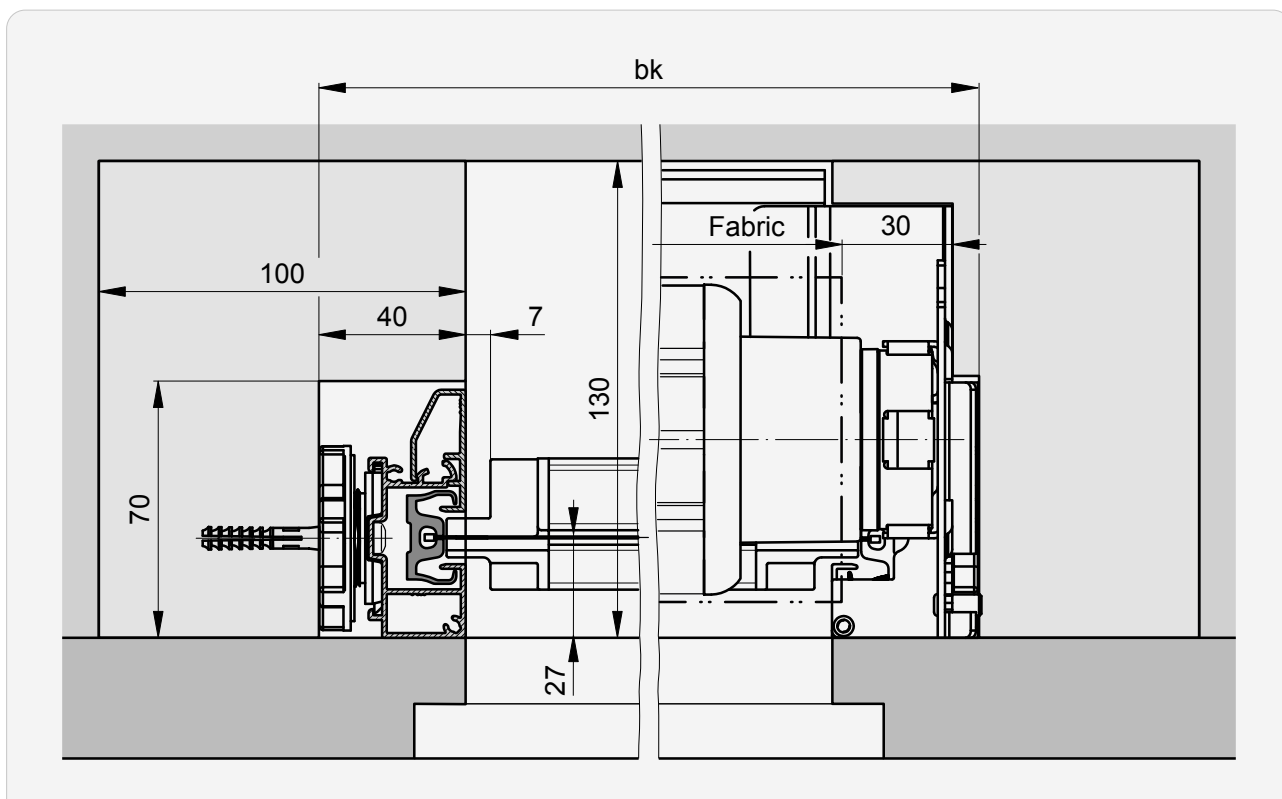
CS



►► Sections | Details

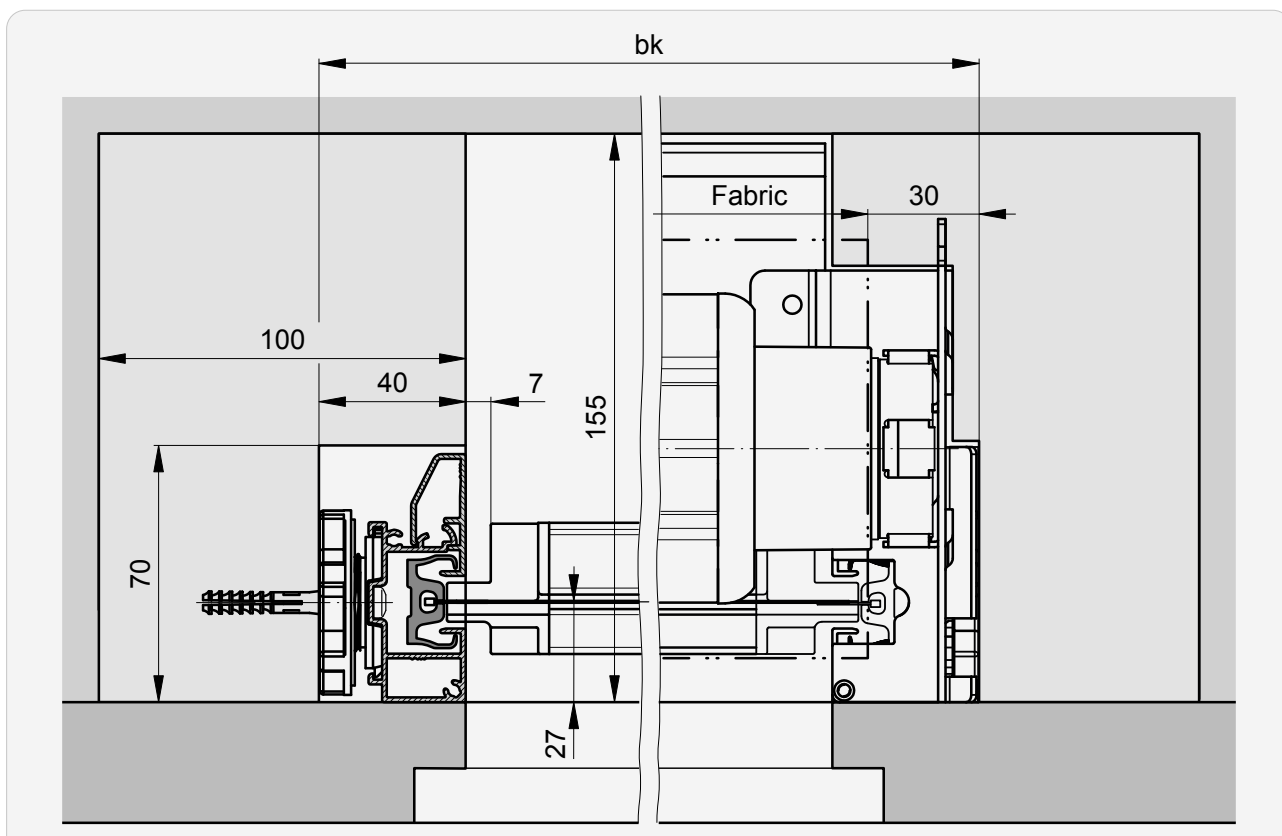
Horizontal section: Solozip® II Intro 100 with recessed guide rails

CE



Horizontal section: Solozip® II Intro 130 with recessed guide rails

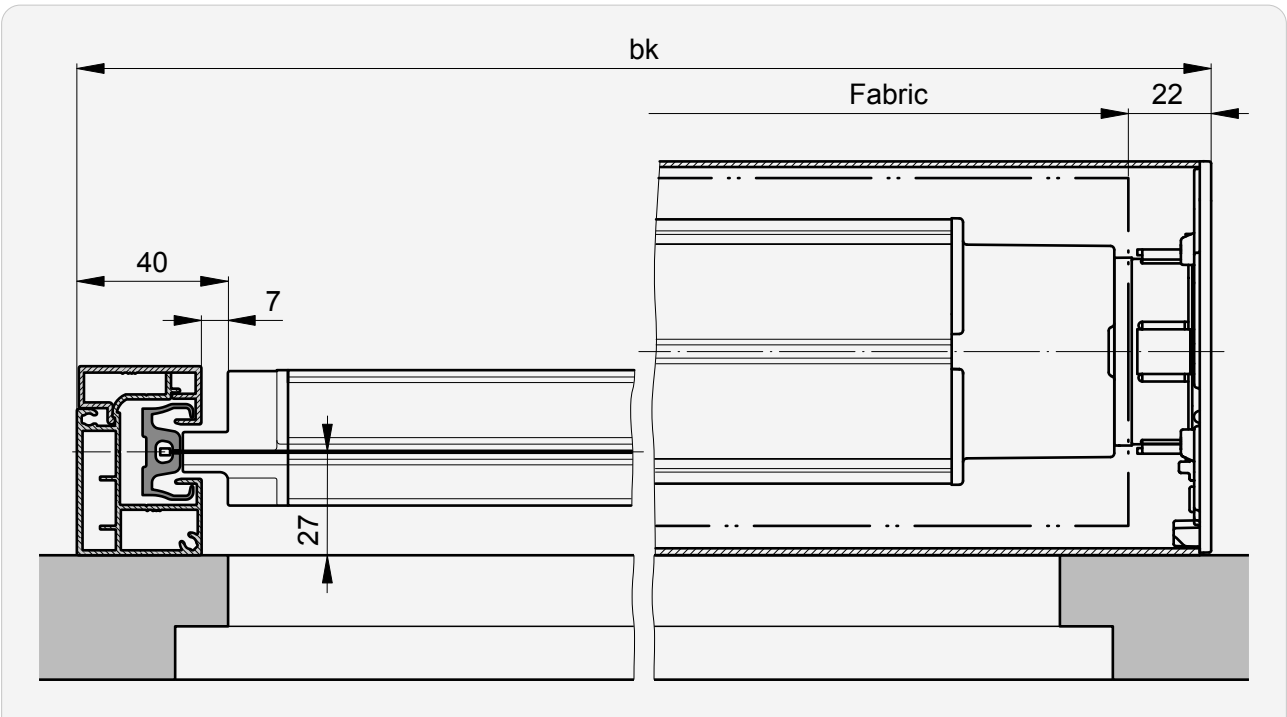
CE



►► Sections | Details

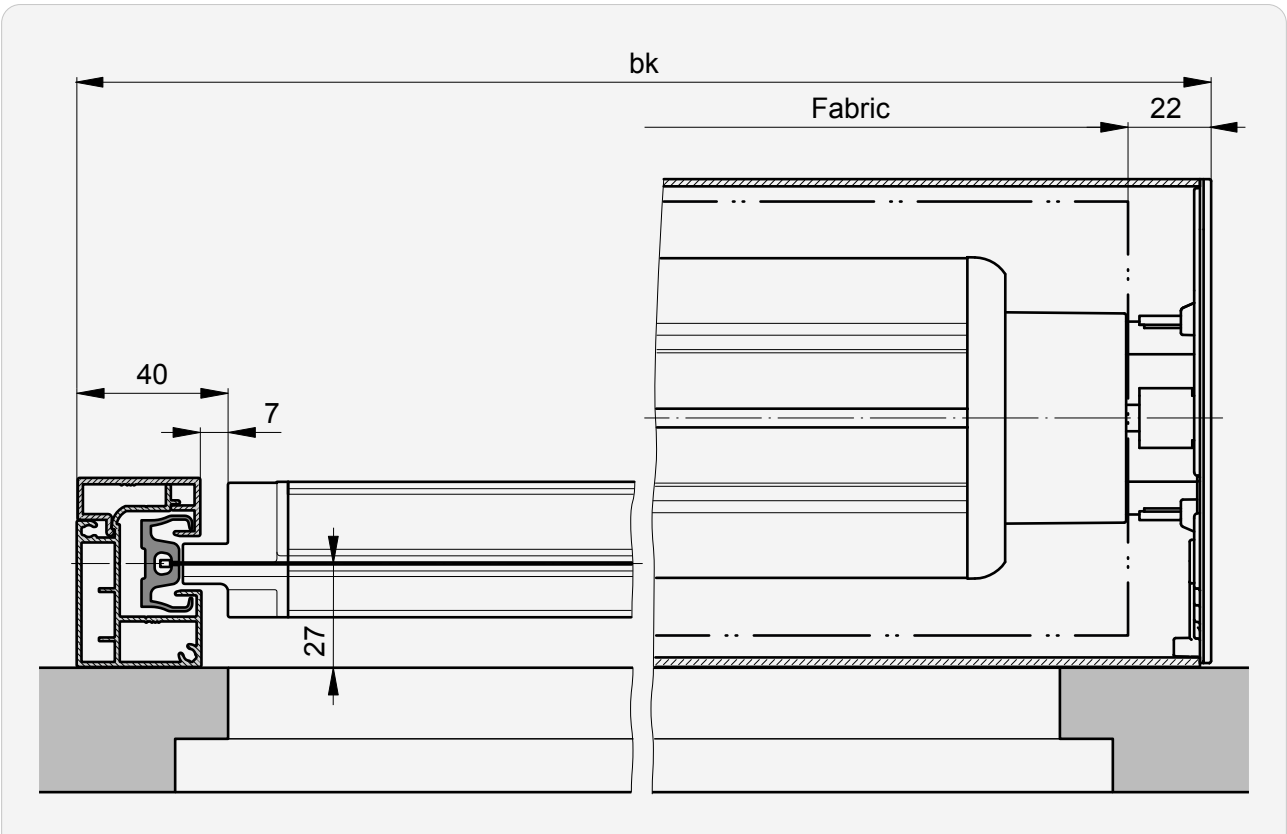
Horizontal section: Solozip® II Box 100

CS



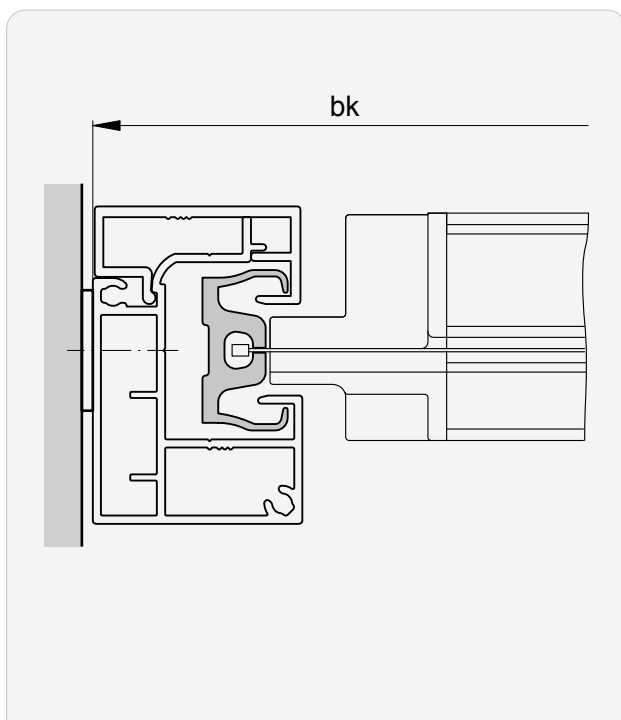
Horizontal section: Solozip® II Box 130

CS

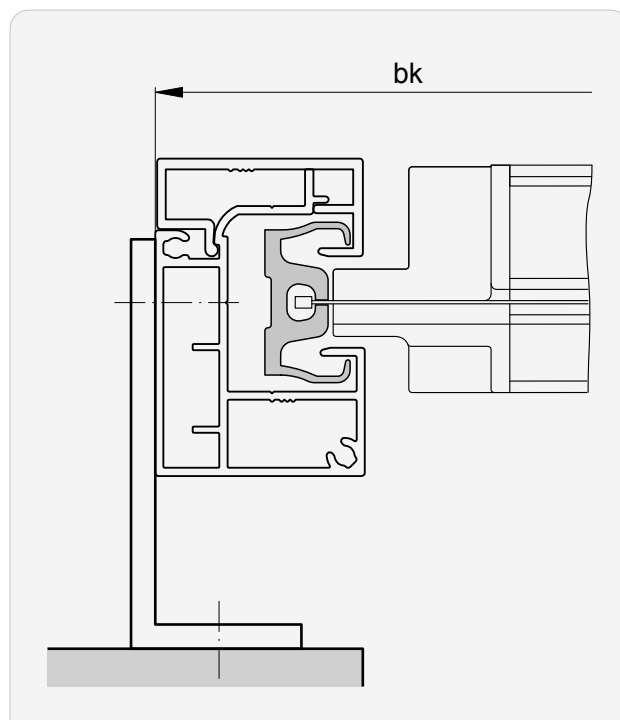


Guide rail installation (principle)

Guides attached (to soffit) | Type A



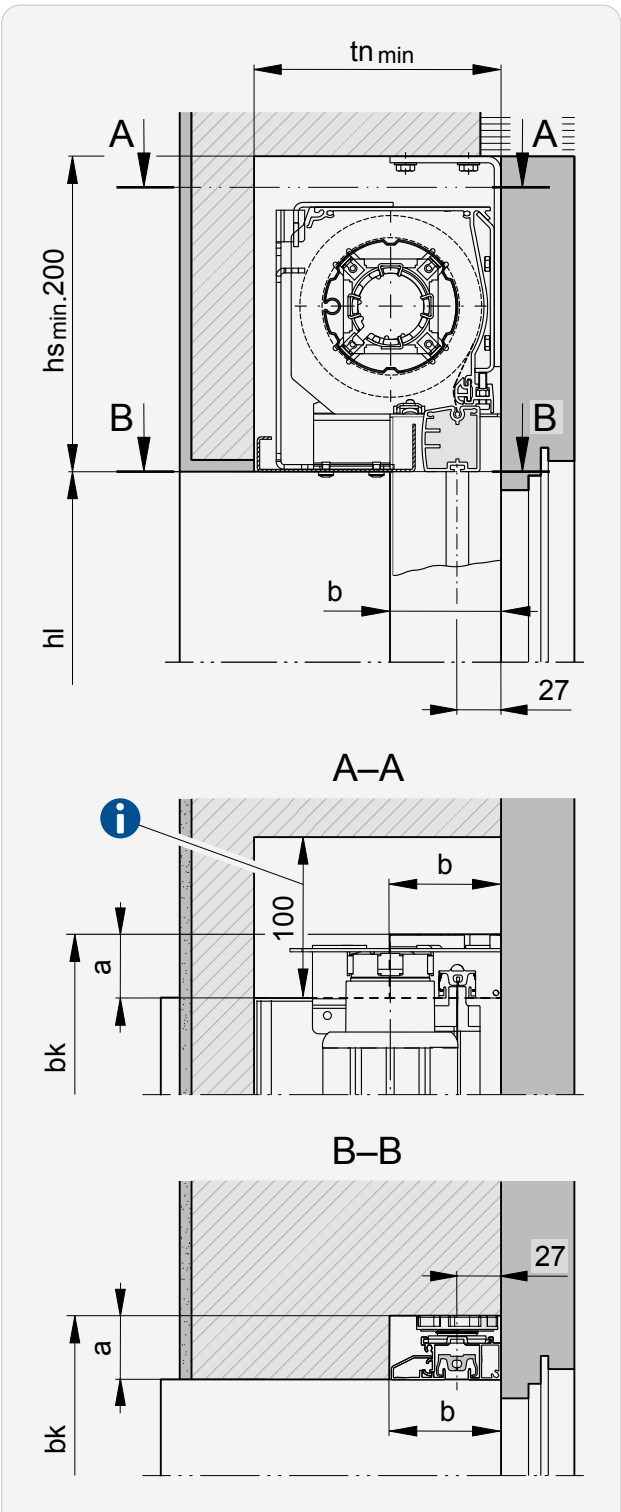
Guides suspended



i Observe possible guide rail spacer for **bk**.
Standard: 2 mm

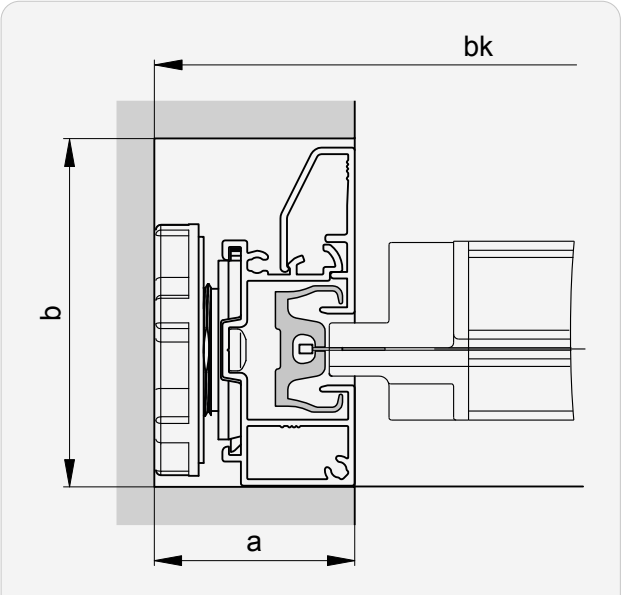
►► Guide rail installation (principle)

Guides recessed



! The recess of the niche must be made on both sides of the window frame!

i Height recess = hs_{min} .



Represented version: Solozip® II Intro 130

Version	tn_{min} .
Solozip® II Intro 100	130
Solozip® II Intro 130	155

a	b
40	70

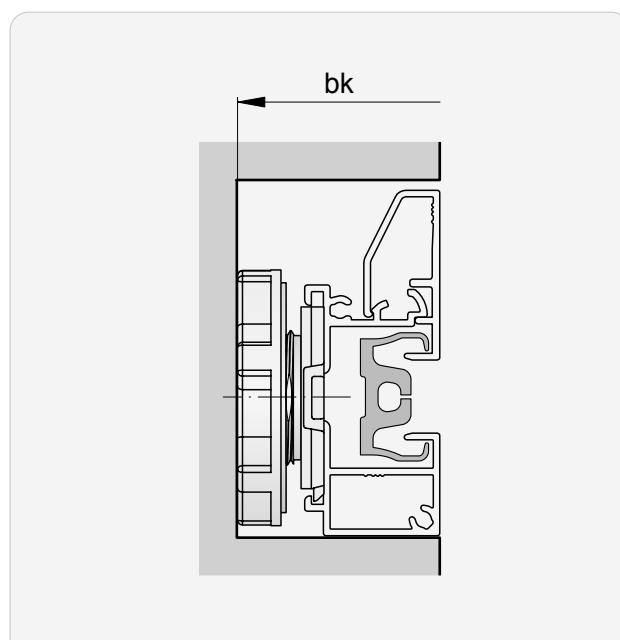
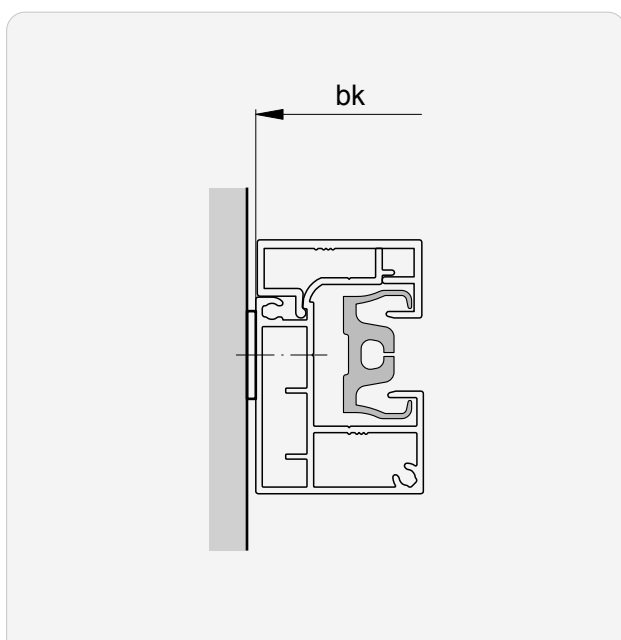
Guide rail fastenings (principle)

Overview

Type											
A	B	Bd	C	Cd	E	F	G	H	I	T	V
●	●	●	●	●	●	●	—	—	—	—	—

- applicable without restrictions

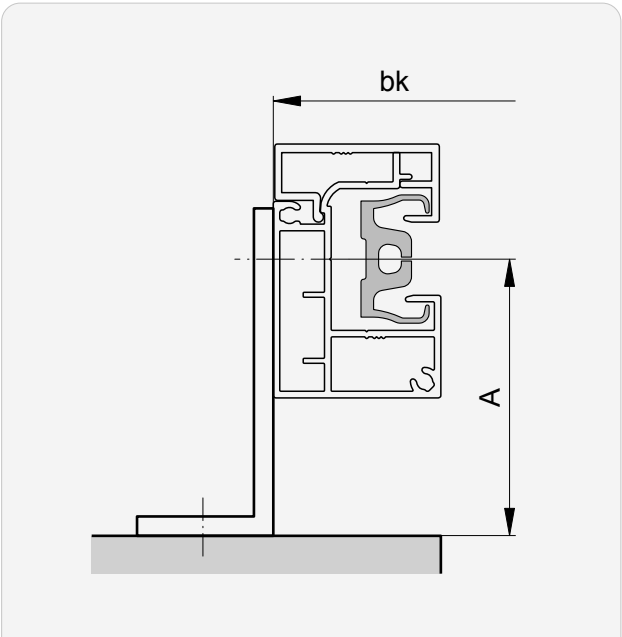
A Soffit installation



i Observe possible guide rail spacer for **bk**.
Standard: 2 mm

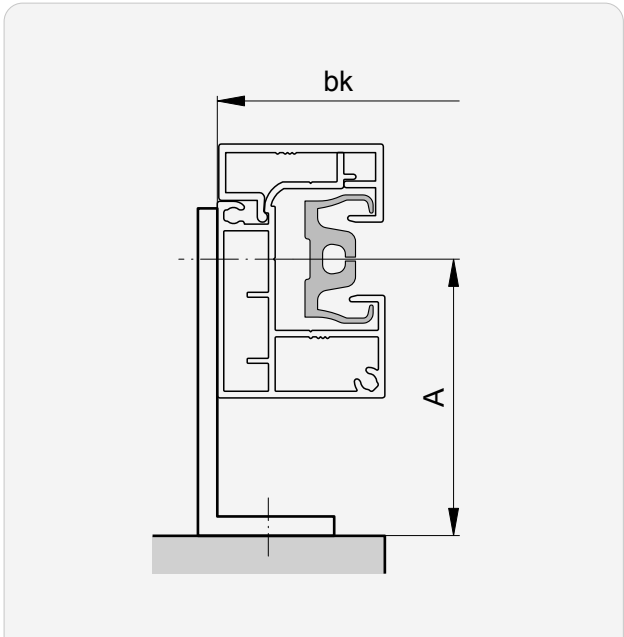
►► Guide rail fastenings (principle)

B Installation with fastening bracket



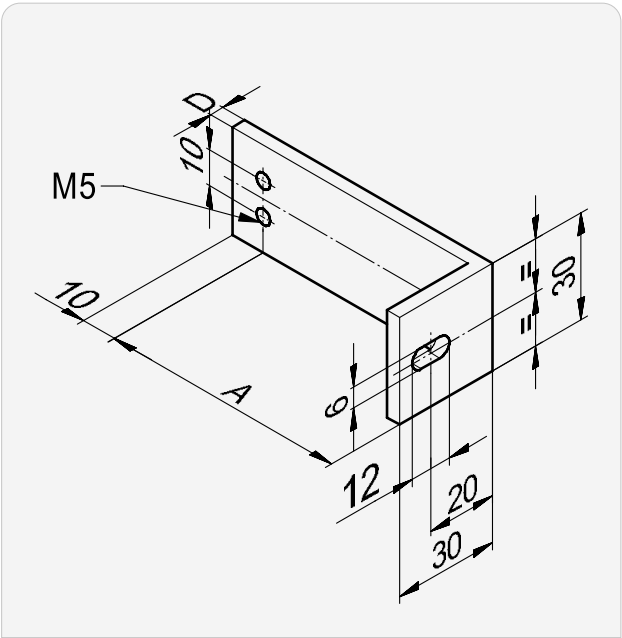
Bracket outwards

C Installation with fastening bracket



Bracket inwards

Fastening bracket for types B and C

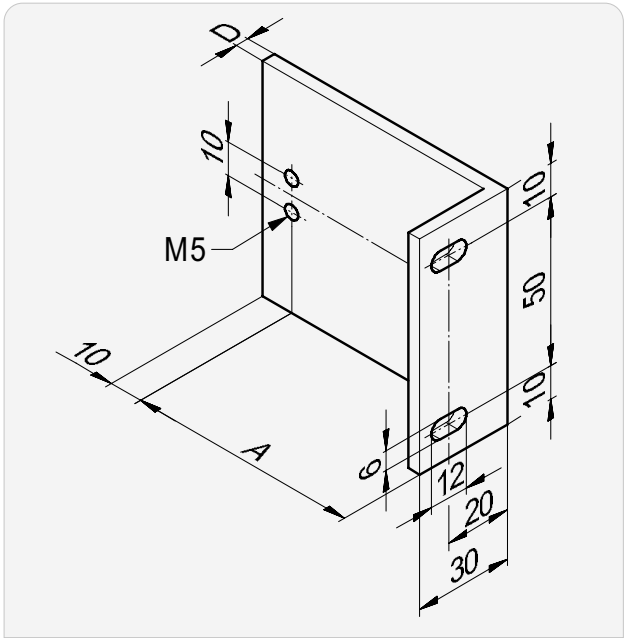


A*	D
20 ... 115	4

i For suspended guide rails always with **brackets 70 mm**.

* in 5 mm steps

Fastening bracket 70 mm for types B and C

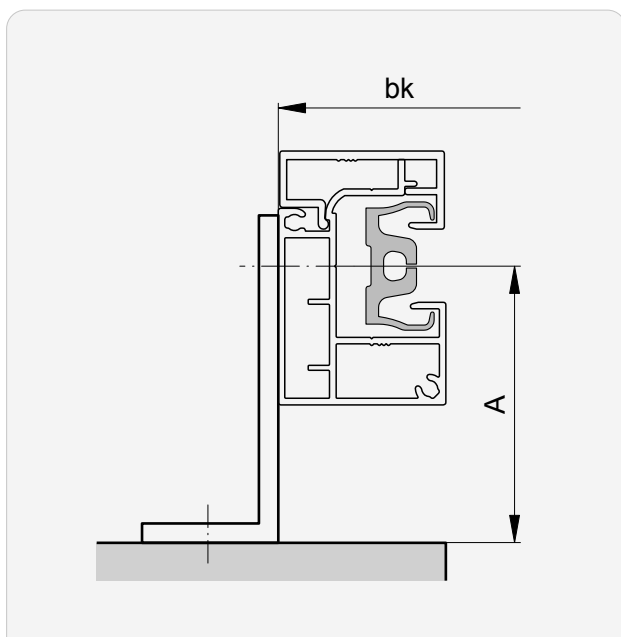


A*	D
20 ... 115	4
120 ... 215	5

i If the **projection is ≥ 120** , all products are fastened with a **70 mm bracket**.

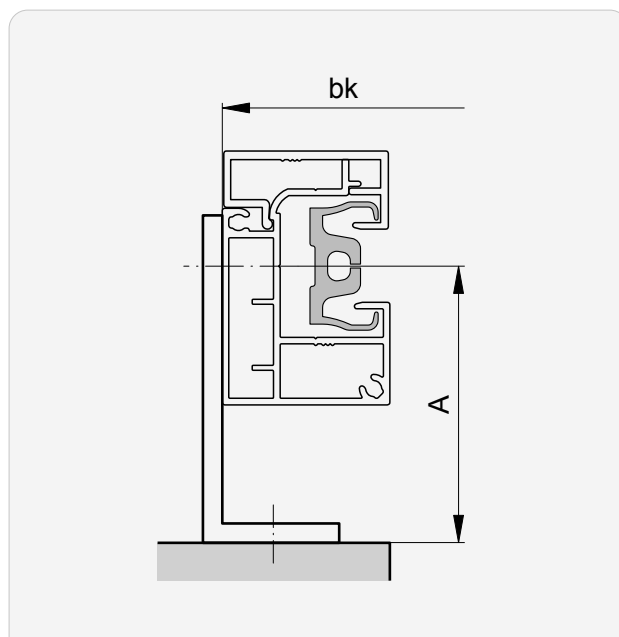
►► Guide rail fastenings (principle)

Bd Installation with continuous fastening bracket



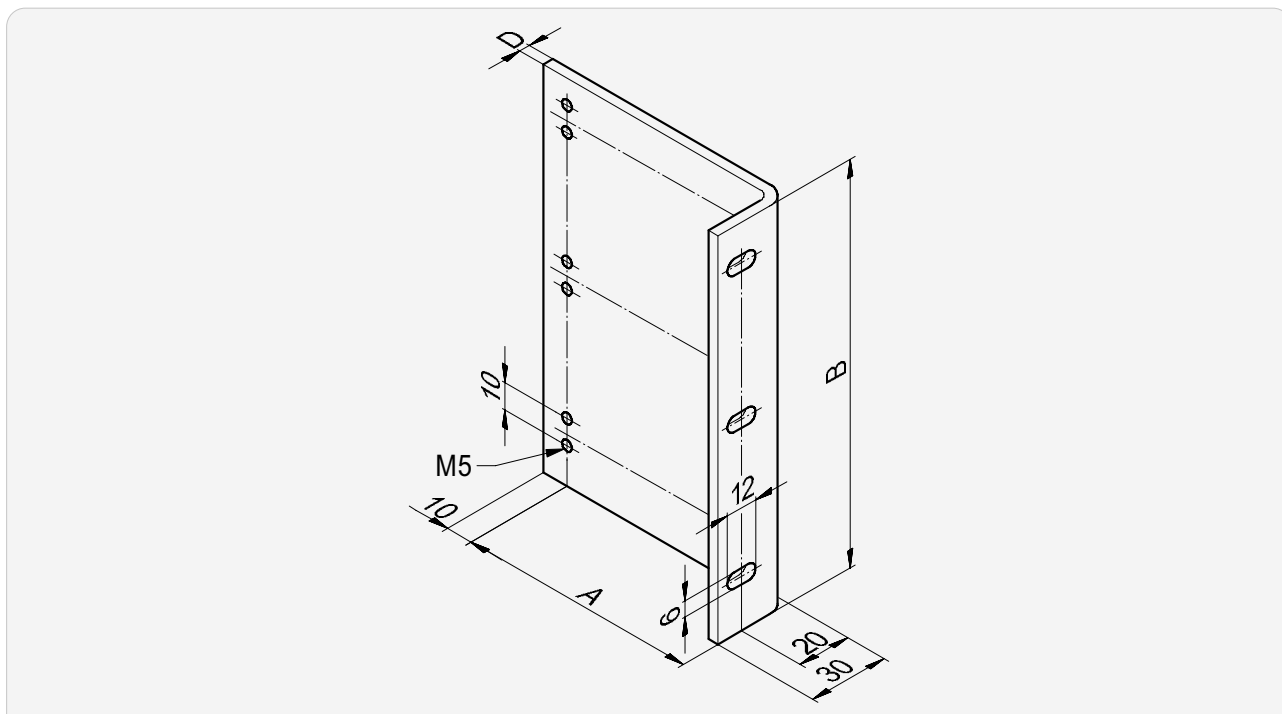
Bracket outwards

Cd Installation with continuous fastening bracket



Bracket inwards

Continuous fastening bracket for types Bd and Cd



A*

20...300

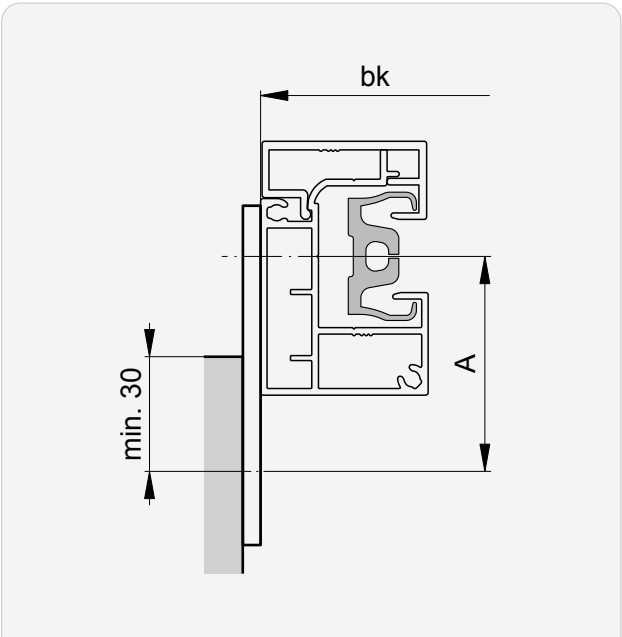
D

always 4

* in 5 mm steps

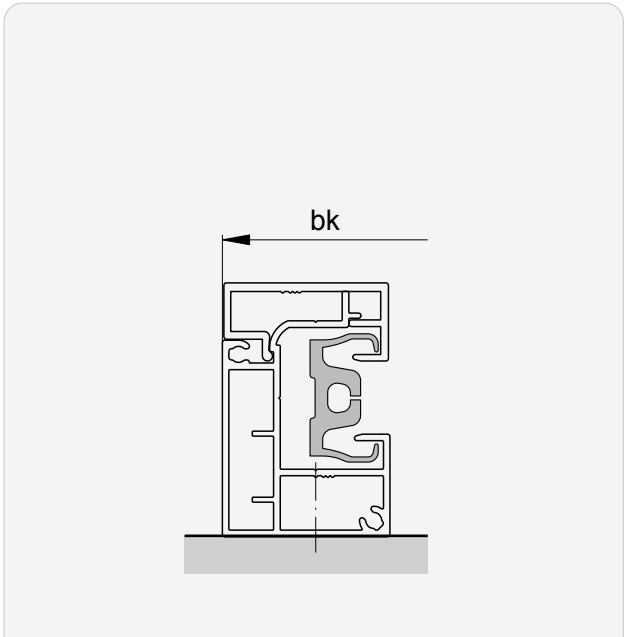
►► Guide rail fastenings (principle)

E Installation with fastening lug

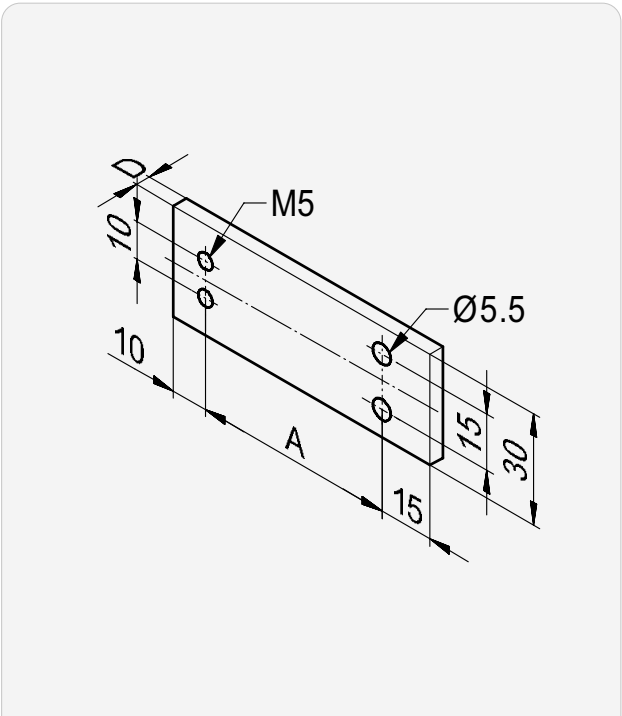


inwards / outwards

F Facade installation



Fastening lug for type E



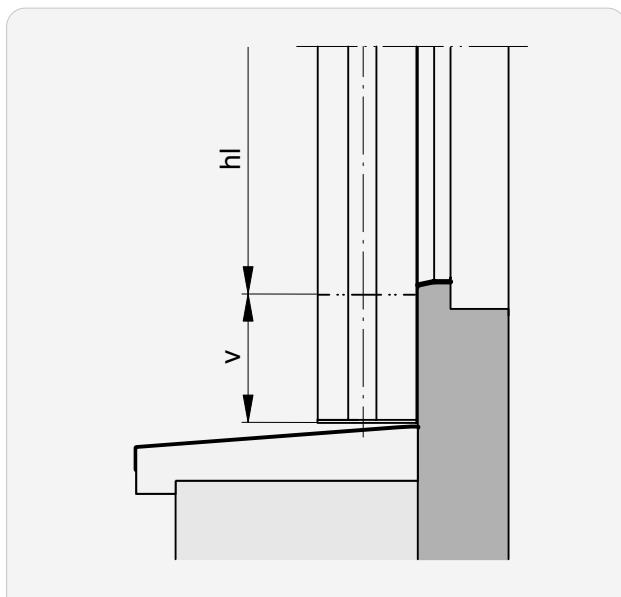
A*	D
50 ... 115	4
120 ... 125	5

* in 5 mm steps

Guide extension and facet

CS

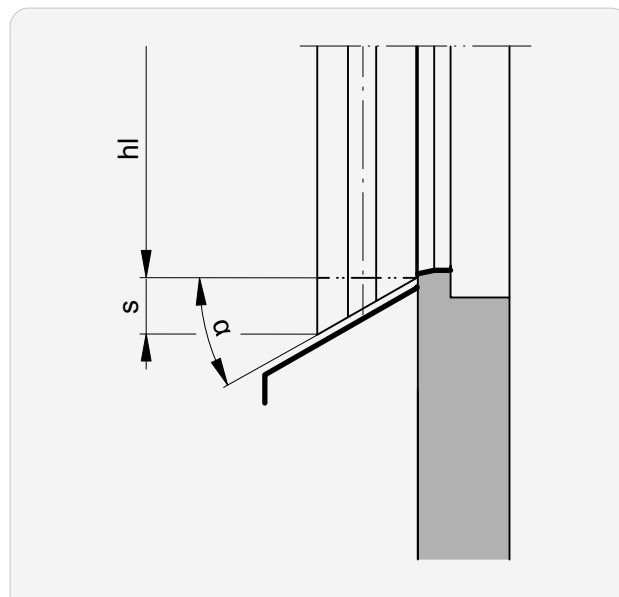
Extension



v

0...1000

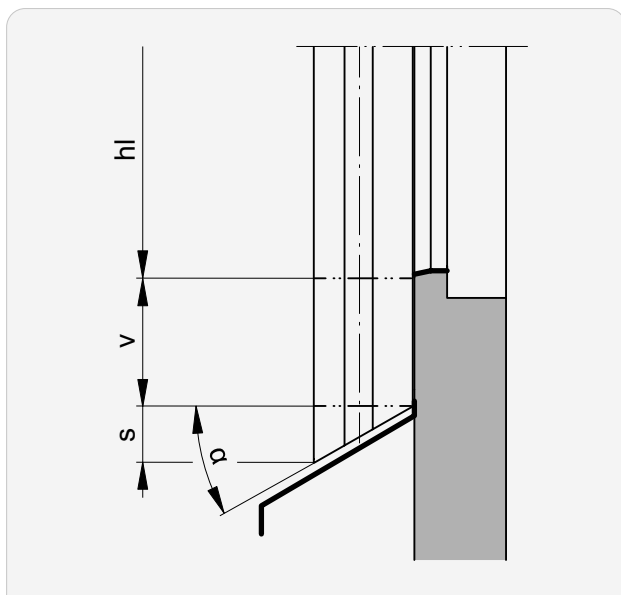
Facet



α

1...60°

Extension and facet



v

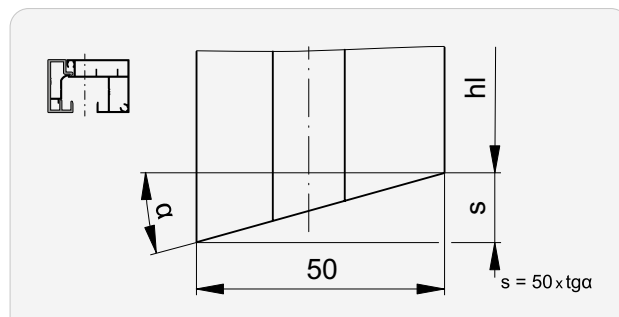
0...1000

α

1...60°

Angling at the guides

CS



α	s	α	s	α	s	α	s	α	s	α	s
1	1	11	10	21	19	31	30	41	43	51	62
2	2	12	11	22	20	32	31	42	45	52	64
3	3	13	12	23	21	33	32	43	47	53	66
4	3	14	12	24	22	34	34	44	48	54	69
5	4	15	13	25	23	35	35	45	50	55	71
6	5	16	14	26	24	36	36	46	52	56	74
7	6	17	15	27	25	37	38	47	54	57	77
8	7	18	16	28	27	38	39	48	56	58	80
9	8	19	17	29	28	39	40	49	58	59	83
10	9	20	18	30	29	40	42	50	60	60	87

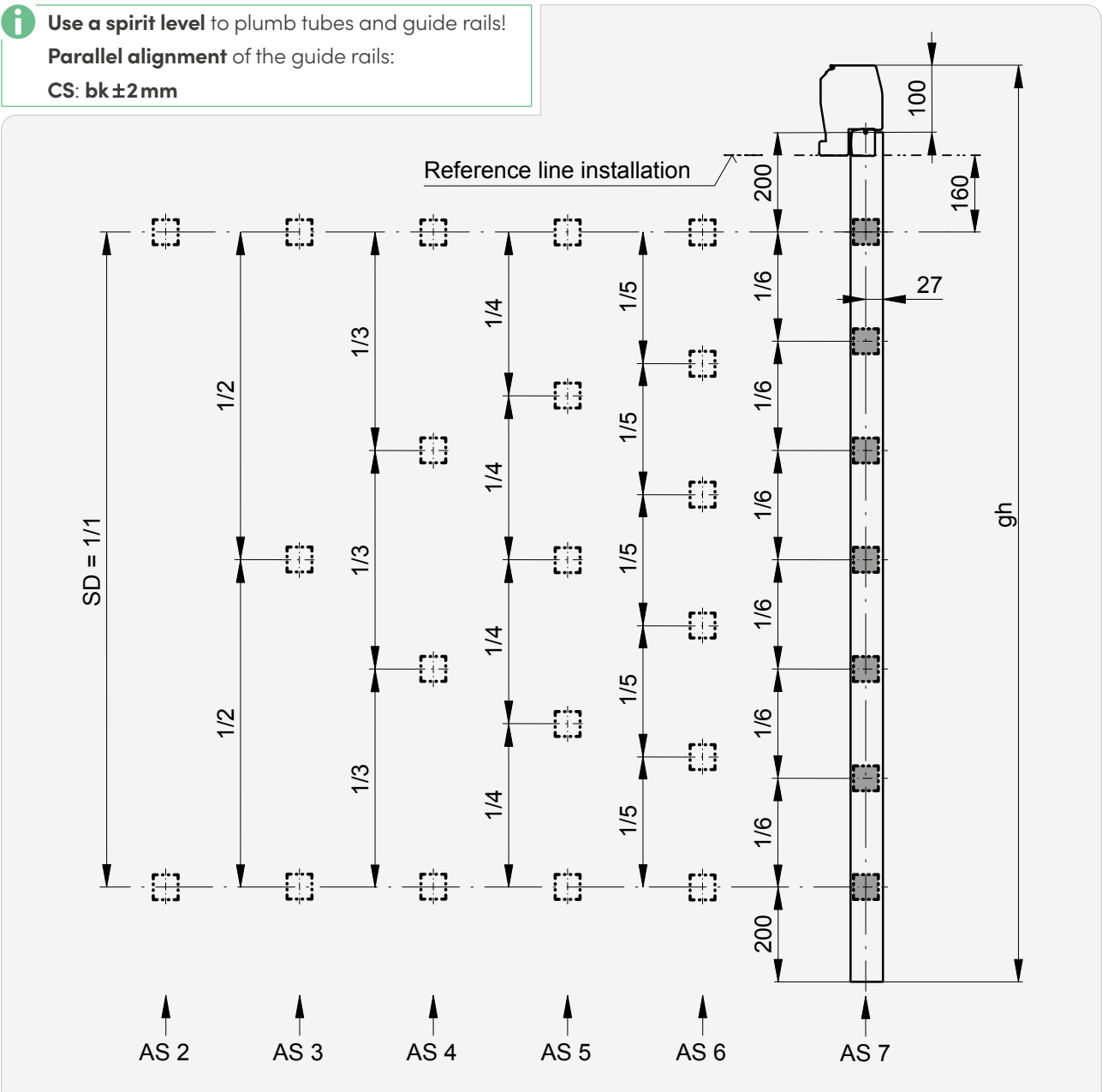
Fastening points Solozip® II Intro 95

Without facet

CS

bk	gh	AS	bk	gh	AS
800...4000	≤1200	2	4001...6000	≤1000	2
	1201...1900	3		1001...1500	3
	1901...2600	4		1501...2000	4
	2601...3300	5		2001...2500	5
	3301...5500	6		2501...3700	6
	5501...6000	7		3701...6000	7

i Use a spirit level to plumb tubes and guide rails!
Parallel alignment of the guide rails:
CS: bk±2mm



AS Number of slits

SD Slot spacing: max. 800

Fastening points Solozip® II Intro 95

With facet

CS

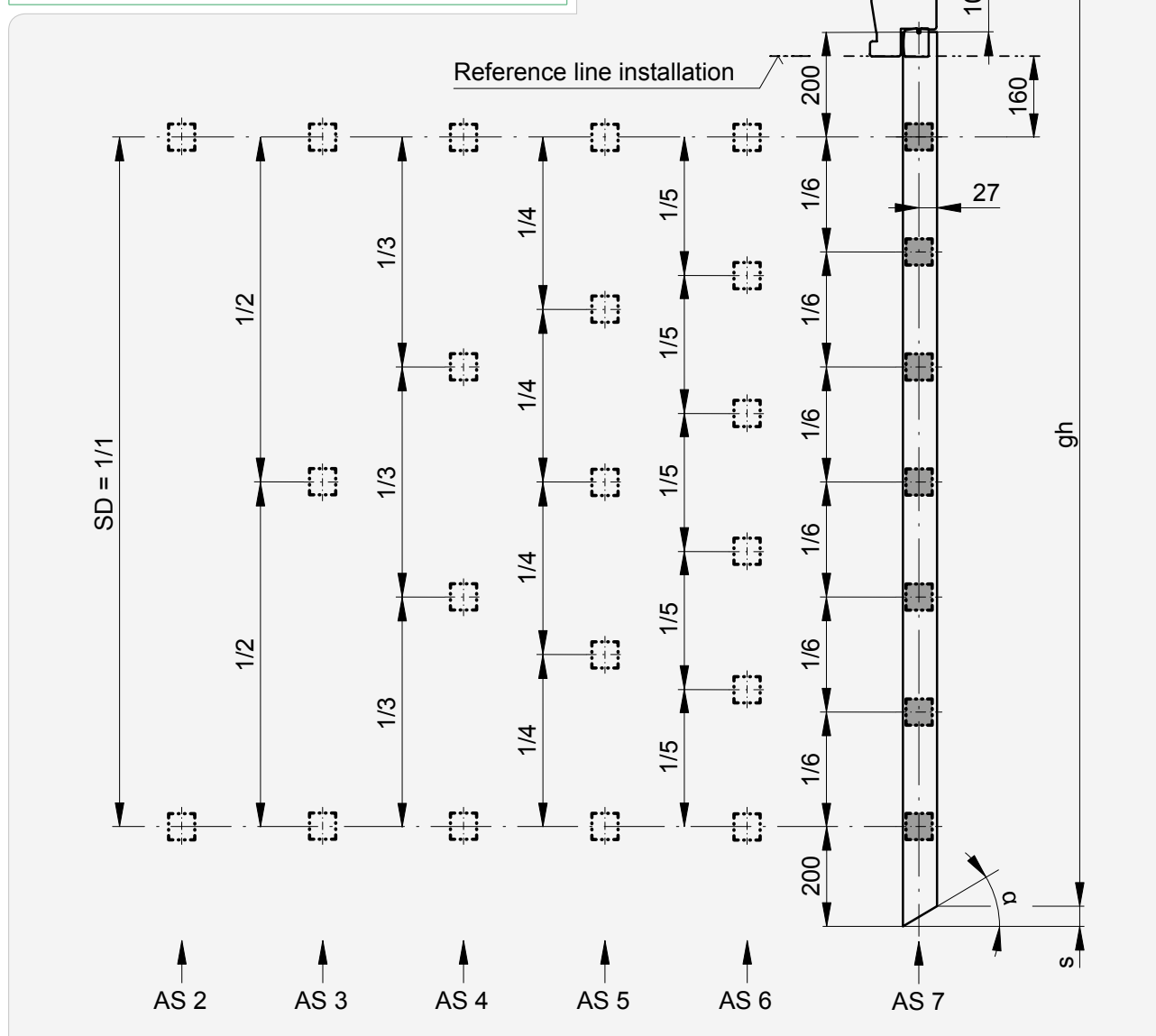
bk	gh	AS	bk	gh	AS
800...4000	≤1200	2	4001...6000	≤1000	2
	1201...1900	3		1001...1500	3
	1901...2600	4		1501...2000	4
	2601...3300	5		2001...2500	5
	3301...5500	6		2501...3700	6
	5501...6000	7		3701...6000	7



Use a spirit level to plumb tubes and guide rails!

Parallel alignment of the guide rails:

CS: $bk \pm 2\text{mm}$



AS Number of slits

SD Slot spacing: max. 800

s Faceting (guide rail width x $\tan \alpha$)

Angling at the guides.....33

Guide rail fastenings.....29

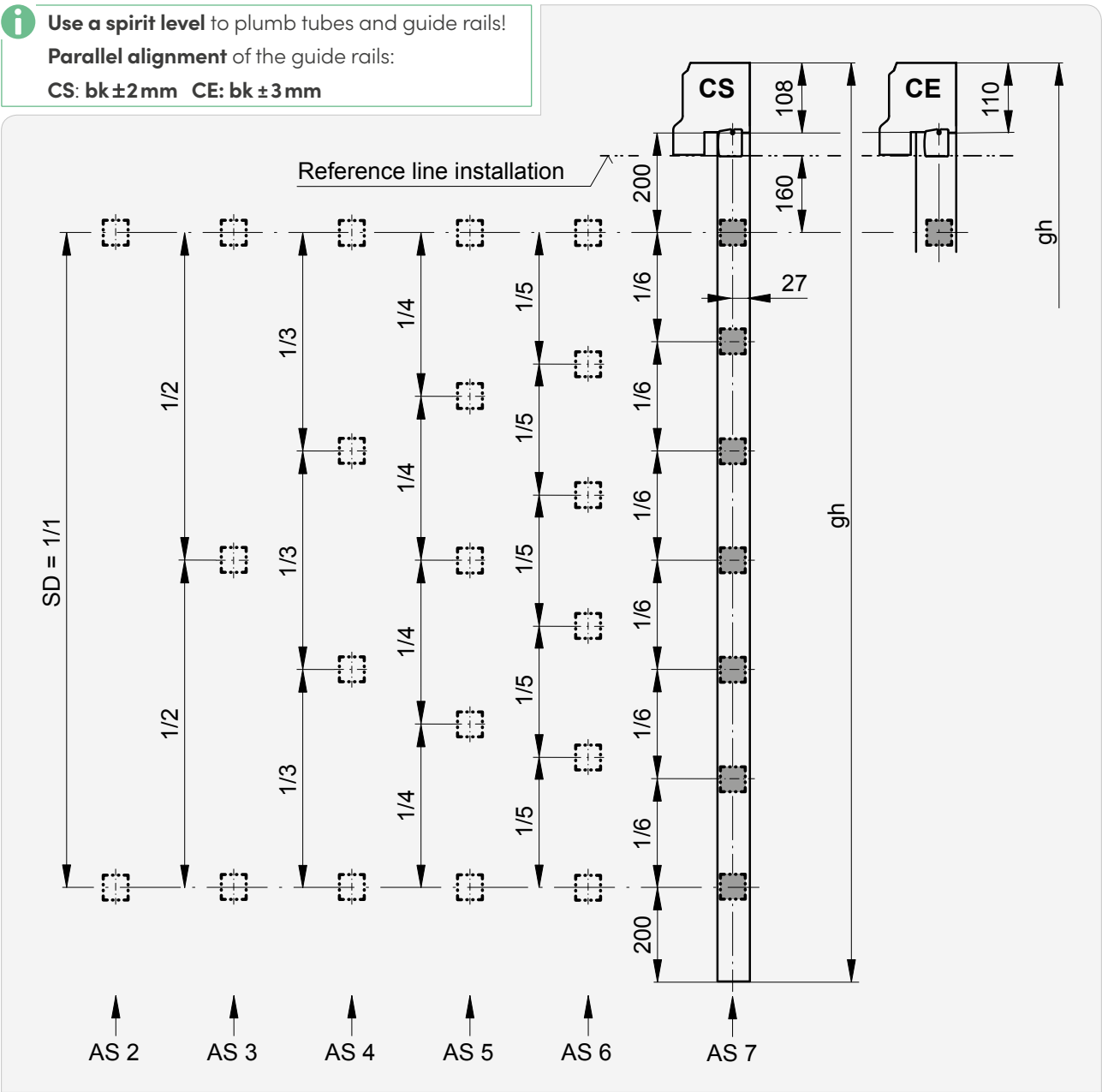
Fastening points Solozip® II Intro 100

Without facet

CS | CE

bk	gh	AS	bk	gh	AS
800...4000	≤1200	2	4001...6000	≤1000	2
	1201...1900	3		1001...1500	3
	1901...2600	4		1501...2000	4
	2601...3300	5		2001...2500	5
	3301...5500	6		2501...3700	6
	5501...6000	7		3701...6000	7

i Use a spirit level to plumb tubes and guide rails!
Parallel alignment of the guide rails:
CS: $bk \pm 2\text{mm}$ CE: $bk \pm 3\text{mm}$



Fastening points Solozip® II Intro 100

With facet

CS | CE

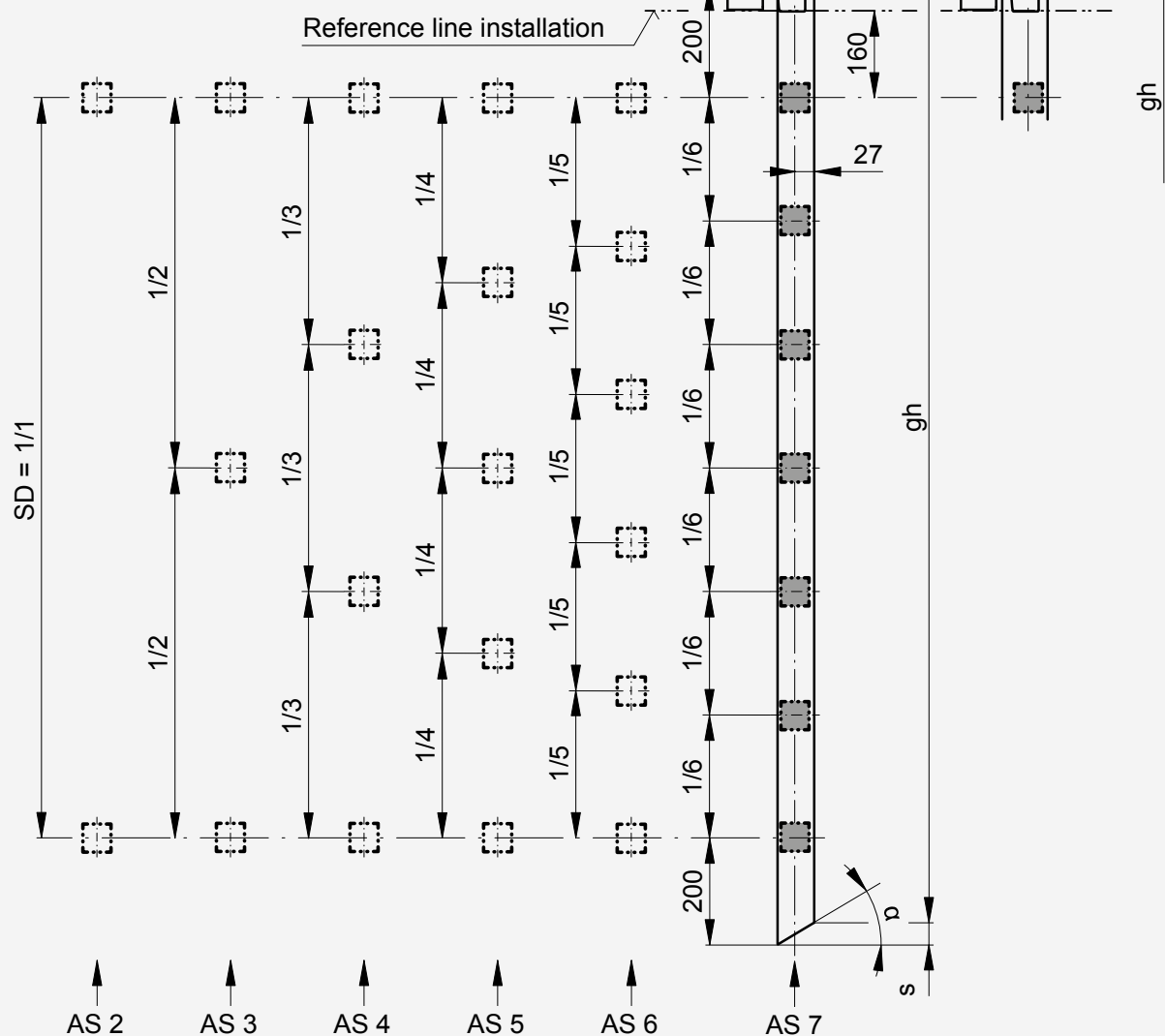
bk	gh	AS	bk	gh	AS
800...4000	≤1200	2	4001...6000	≤1000	2
	1201...1900	3		1001...1500	3
	1901...2600	4		1501...2000	4
	2601...3300	5		2001...2500	5
	3301...5500	6		2501...3700	6
	5501...6000	7		3701...6000	7



Use a spirit level to plumb tubes and guide rails!

Parallel alignment of the guide rails:

CS: $bk \pm 2\text{mm}$ CE: $bk \pm 3\text{mm}$



AS Number of slits

SD Slot spacing: max. 800

s Faceting (guide rail width x $\tan \alpha$)

Angling at the guides.....33

Guide rail fastenings.....29

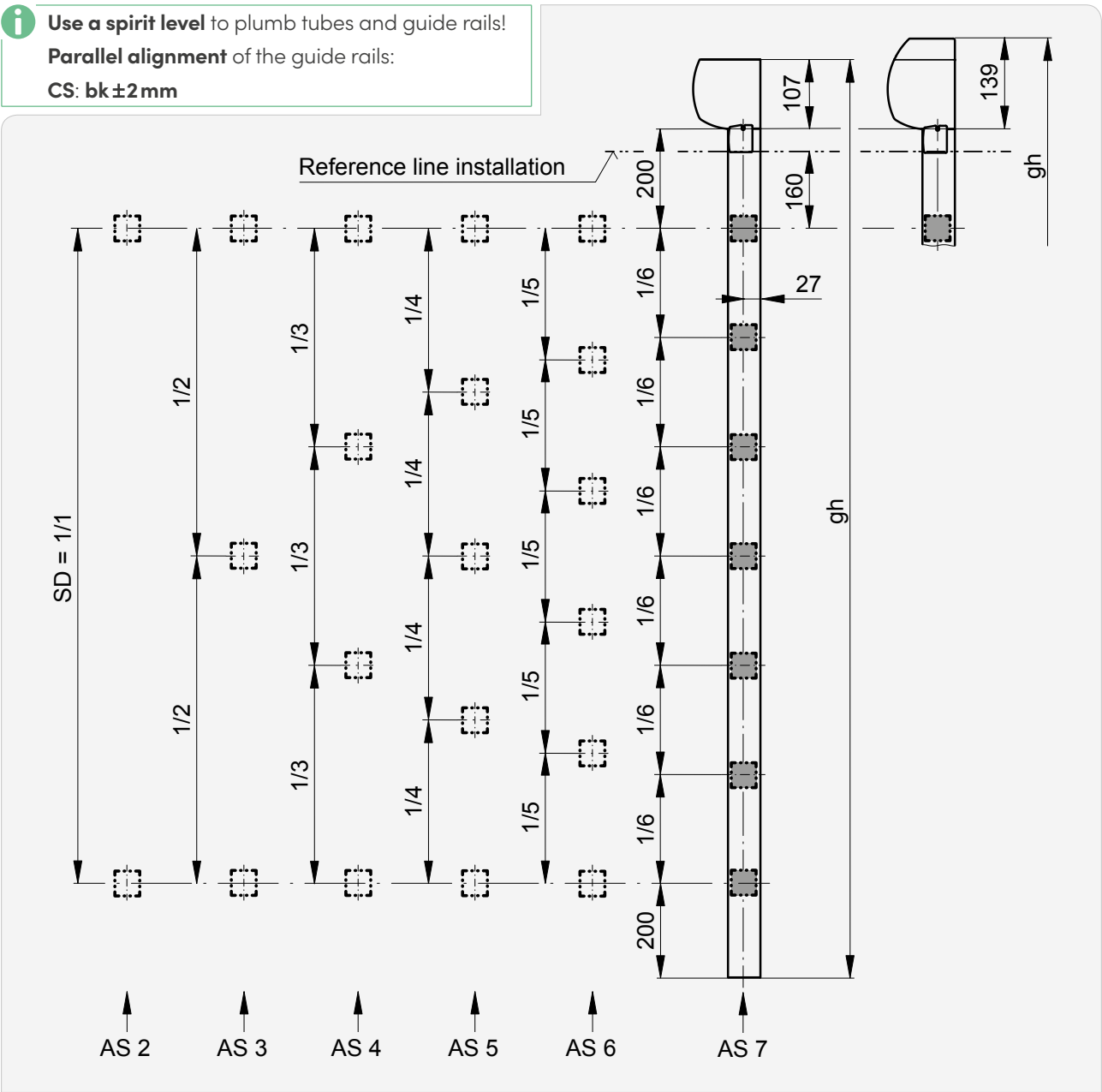
Fastening points Solozip® II Box 100

Without facet

CS

bk	gh	AS	bk	gh	AS
800...4000	≤1200	2	4001...6000	≤1000	2
	1201...1900	3		1001...1500	3
	1901...2600	4		1501...2000	4
	2601...3300	5		2001...2500	5
	3301...5500	6		2501...3700	6
	5501...6000	7		3701...6000	7

i Use a spirit level to plumb tubes and guide rails!
Parallel alignment of the guide rails:
CS: $bk \pm 2\text{ mm}$



CS

i Use a spirit level to plumb tubes and guide rails!
Parallel alignment of the guide rails:
CS: bk ±2mm



►► Fastening points Solozip® II Box 130

With facet

CS

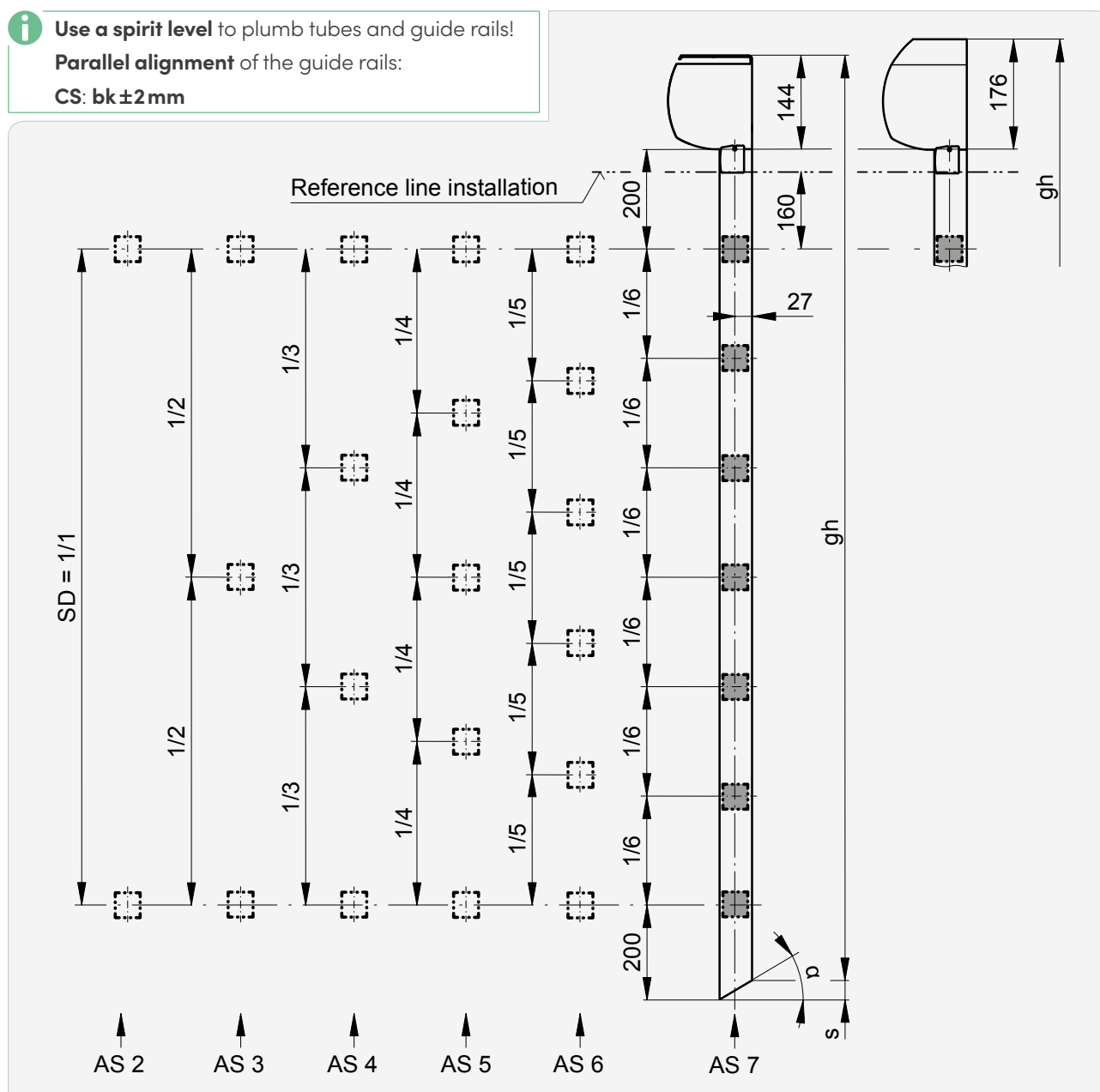
bk	gh	AS	bk	gh	AS
800...4000	≤1200	2	4001...6000	≤1000	2
	1201...1900	3		1001...1500	3
	1901...2600	4		1501...2000	4
	2601...3300	5		2001...2500	5
	3301...5500	6		2501...3700	6
	5501...6000	7		3701...6000	7



Use a spirit level to plumb tubes and guide rails!

Parallel alignment of the guide rails:

CS: $bk \pm 2\text{ mm}$



AS Number of slits

SD Slot spacing: max. 800

s Faceting (guide rail width x $\tan \alpha$)

► Angling at the guides.....33

► Guide rail fastenings.....29

Application limits of motors

Solozip® II Intro 95

Type of guide rail	Motor	Axis	bk min.	bk max.
CS	Geiger	70	640	3500
	SIMU		750	

Solozip® II Intro 100

Type of guide rail	Motor	Axis	bk min.	bk max.
CS	Geiger	70	650	4000
	SIMU		750	
CE	Geiger	70	800	4000
	SIMU			

Solozip® II Intro 130

Type of guide rail	Motor	Axis	bk min.	bk max.
CS	Geiger	85	700	5000
		100		6000
	SIMU	85	800	5000
CE	Geiger	85		5000
		100		6000
	SIMU	85		5000

Solozip® II Box 100

Type of guide rail	Motor	Axis	bk min.	bk max.
CS	Geiger	70	650	4000
	SIMU		750	

Solozip® II Box 130

Type of guide rail	Motor	Axis	bk min.	bk max.
CS	Geiger	85	700	5000
		100		6000
	SIMU	85	750	5000



Sigara®

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Limit dimensions Sigara® Box	48
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Limit dimensions Sigara®

Single awning

Operation	Width min. (bk)	Width max. (bk)	Height min. (hl)	Height max. (hl)	Surface* max. [m²]
Crank drive	400	3500 ¹ 4000 ²	230 ² 350 ¹	3330 ¹ 3830 ²	8 ¹ 10 ²
Motor drive	600 ² 650 ¹				

Connected systems

Operation	Width max. (bk)	Width max. (Σbk + FD)	Blinds max.	Surface* max. [m²]
Crank drive	3500 ^{1,3} 4000 ²	4000 ² 6000 ¹	3	8 ¹ 10 ²
Motor drive		7000 ³ 8000		18 ¹ 24 ²

Limit dimensions Sigara® Box

Single awning

Operation	Width min. (bk)	Width max. (bk)	Height min. (hl)	Height max. (hl)	Surface* max. [m²]
Crank drive	400	3500 ¹ 4000 ²	400 ² 520 ¹	3500 ¹ 4000 ²	8 ¹ 10 ²
Motor drive	600 ² 650 ¹				

Connected systems

Operation	Width max. (bk)	Width max. (Σbk + FD)	Blinds max.	Surface* max. [m²]
Crank drive	3500 ^{1,3} 4000 ²	4000 ² 6000 ¹	3	8 ¹ 10 ²
Motor drive		7000 ³ 8000		18 ¹ 24 ²

¹ Sigara® Guide rails

² Sigara® Guide cable or guide slat

³ Sigara® Guide cable or guide slat with Collection Soltis

* Width/height ratio ≥ 1/3

Fabric deduction

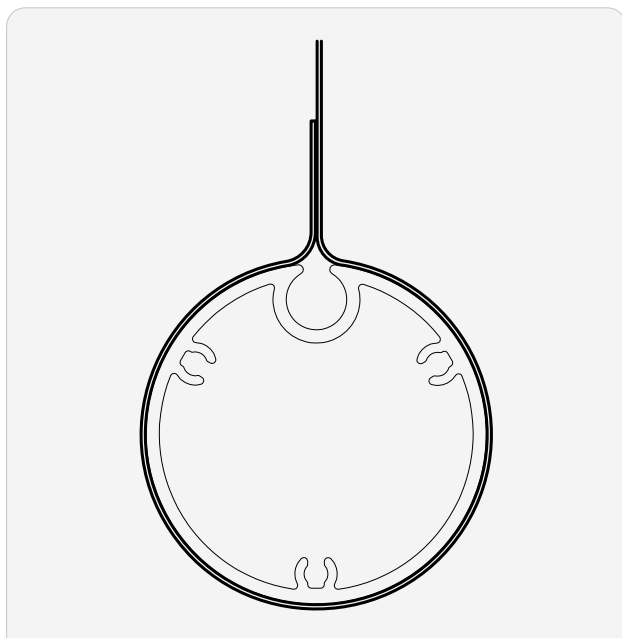
Operation	Guide rail		Guide cable / slot	
	Drive side	Counter side	Drive side	Counter side
Crank drive	bk – 45	bk – 45	bk – 38 ¹ bk – 45 ²	bk – 25
Motor drive			bk – 25	

¹ Articulated crank

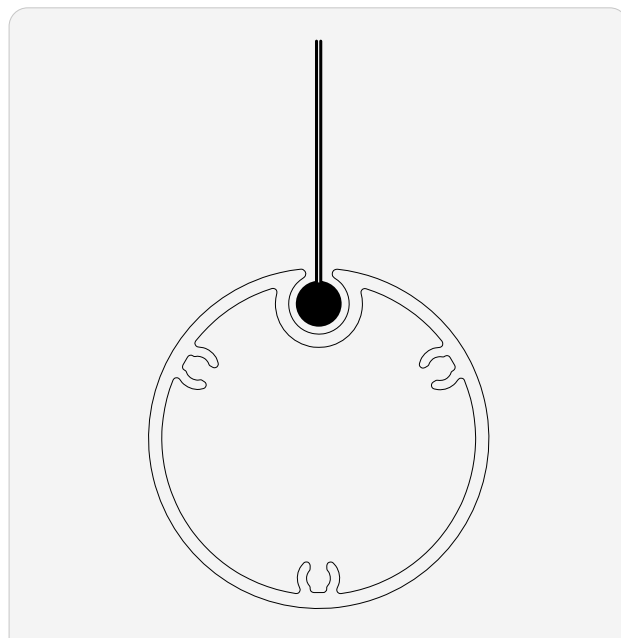
² Immersion crank

Fabric hems

Type H80 | Hemstitch

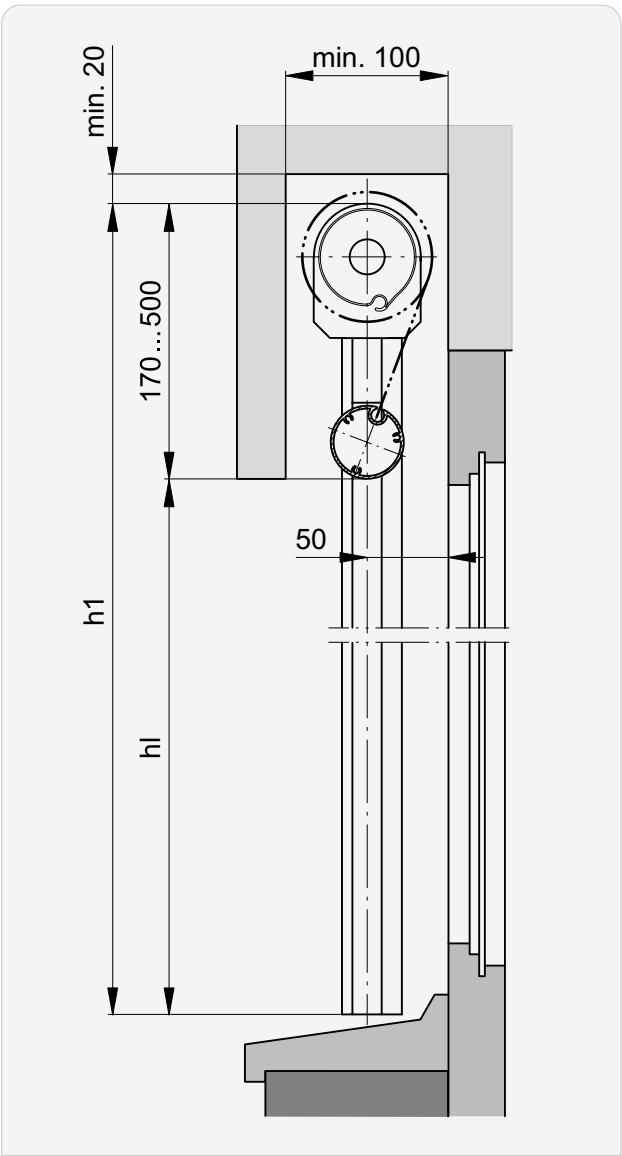


Type H25 | Hemstitch



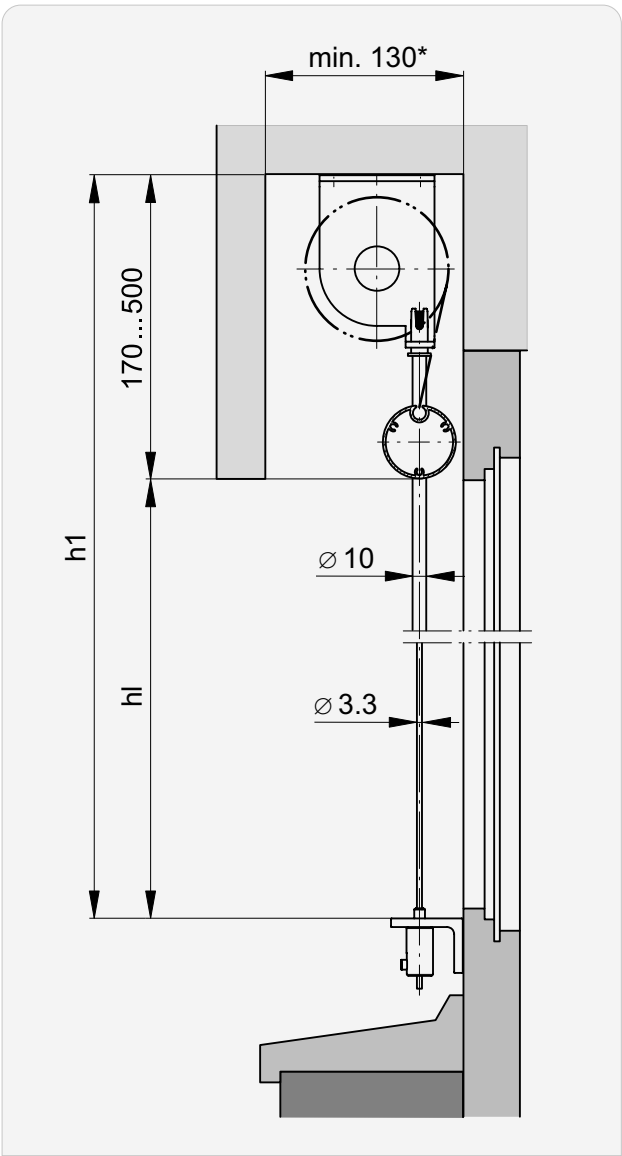
Built-in system

Vertical section: Guide rail



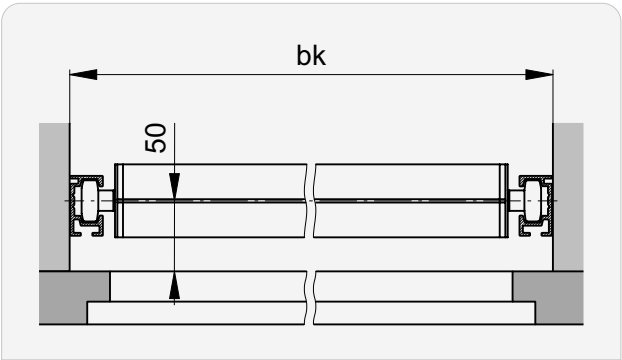
Symmetrical installation

Vertical section: Guide cable / slat

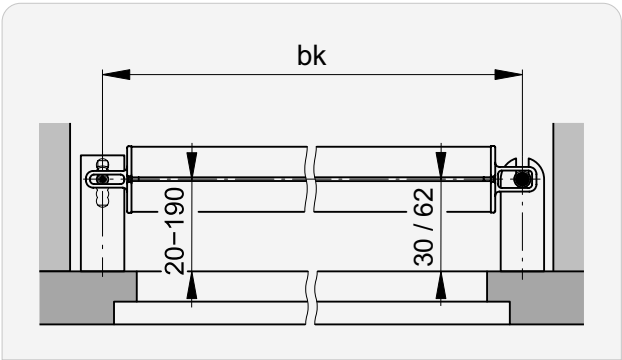


* Articulated crank drive min. 150 mm

Horizontal section: Guide rail

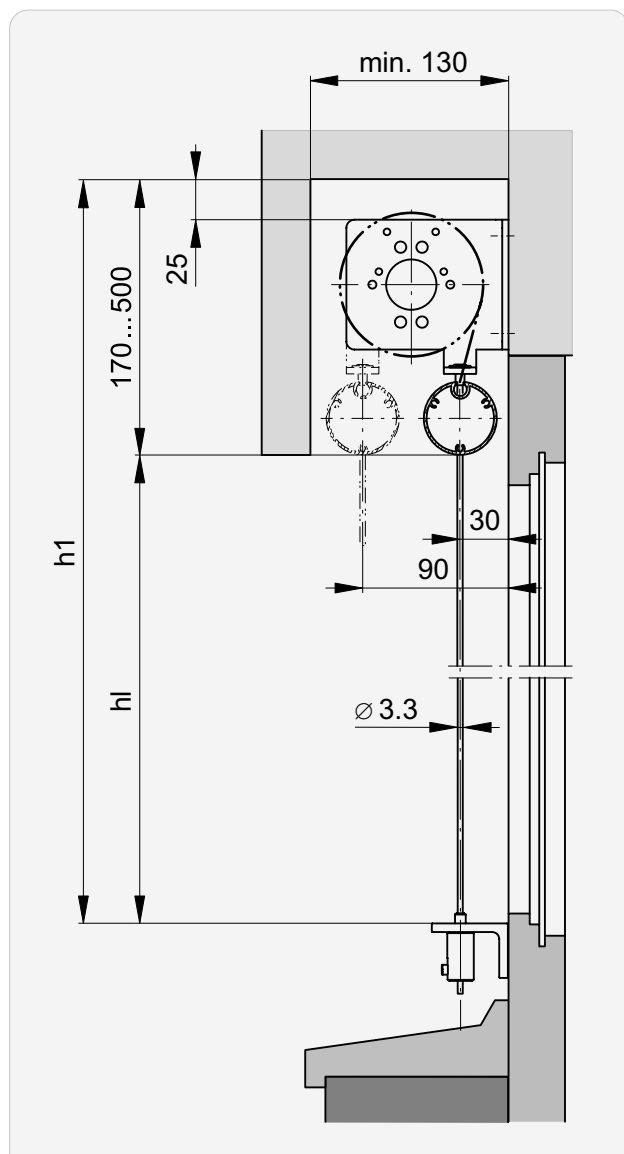


Horizontal section: Guide cable / slat



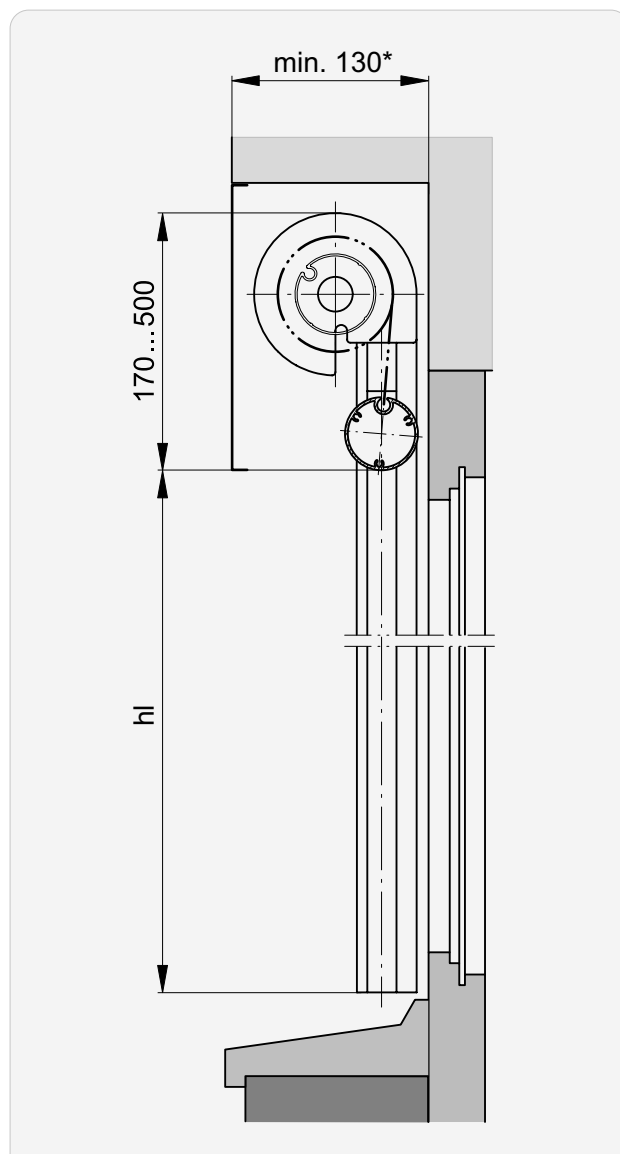
► Built-in system

Vertical section: Guide cable / slat



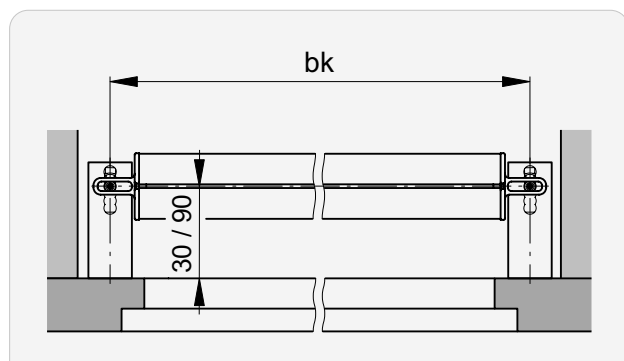
Built-in system with cover

Vertical section: Guide rail

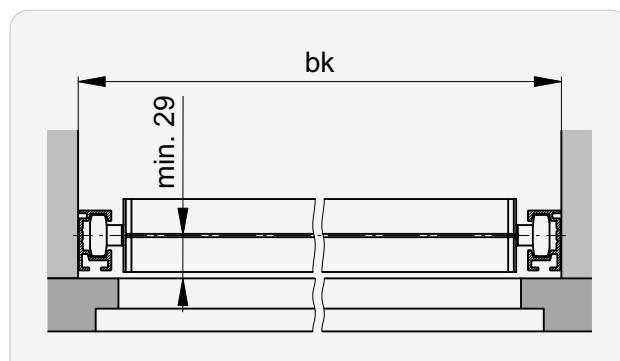


Asymmetrical installation

Horizontal section: Guide cable / slat

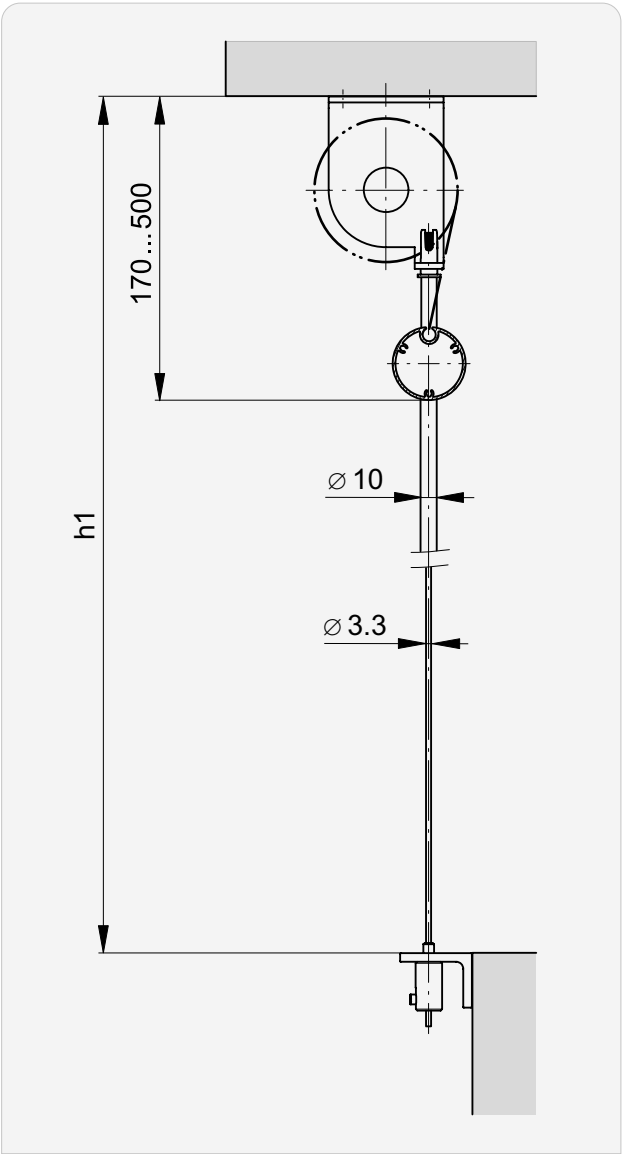


Horizontal section: Guide rail

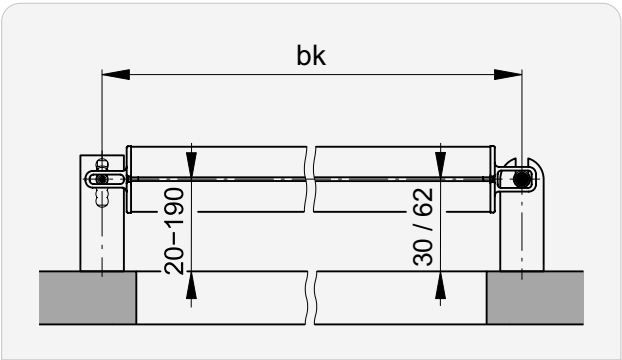


Built-in system under ceiling

Vertical section: Guide cable / slat

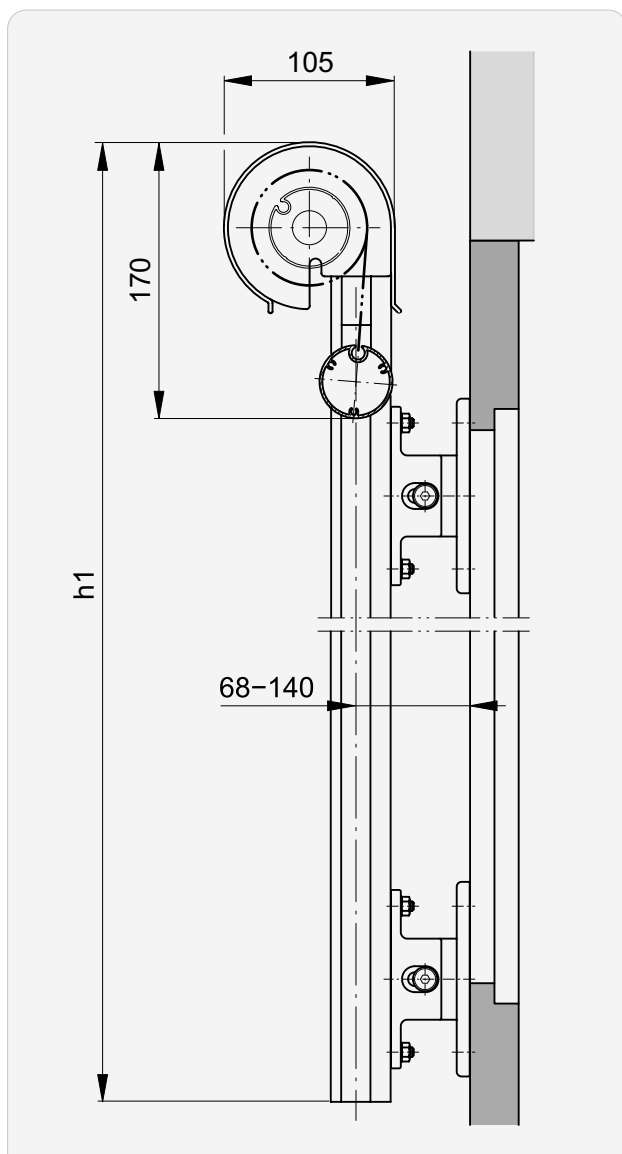


Horizontal section: Guide cable / slat



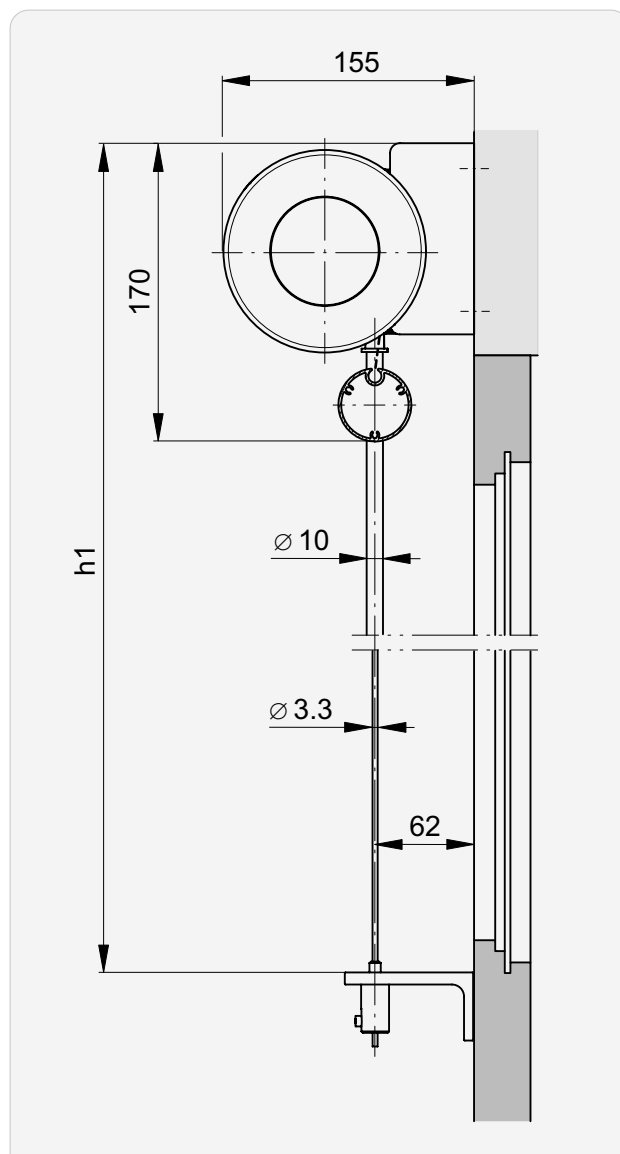
Installation system

Vertical section: Guide rail

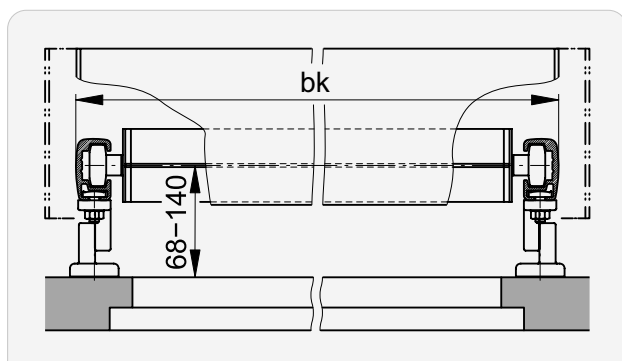


Fastening with spacer

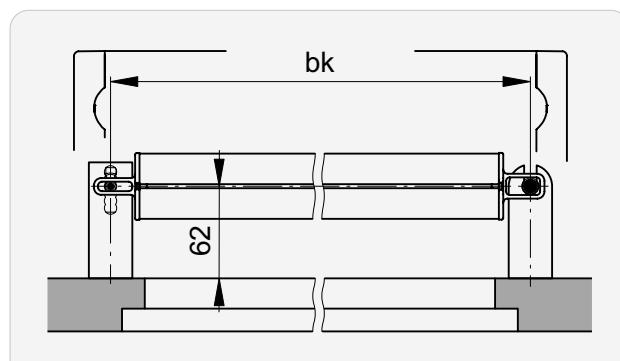
Vertical section: Guide cable / slat



Horizontal section: Guide rail

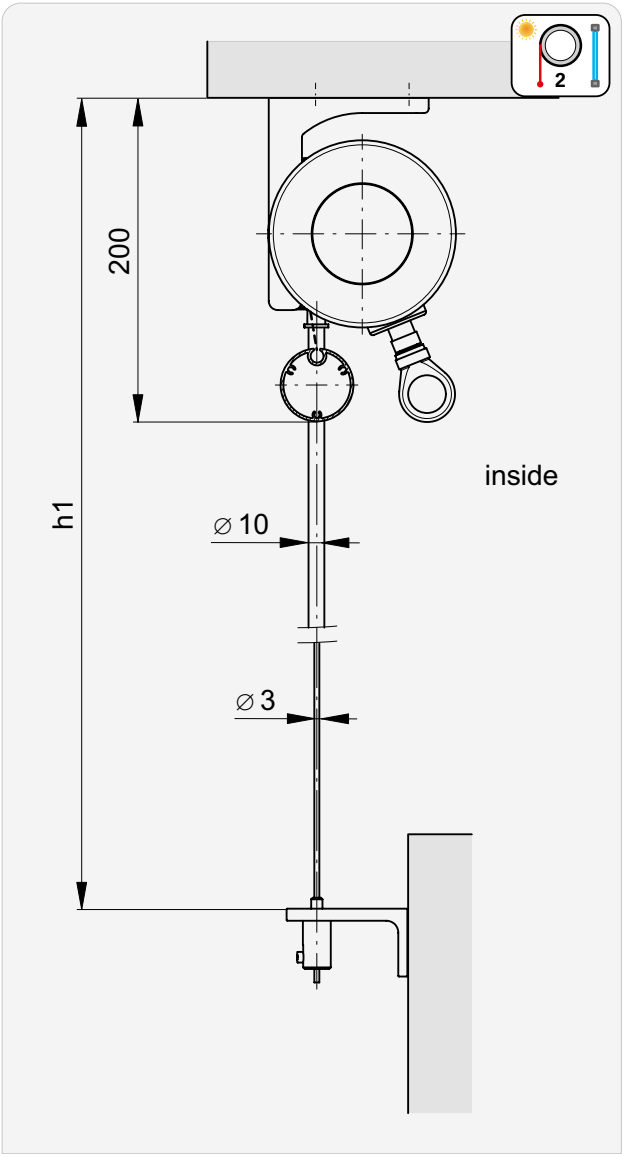
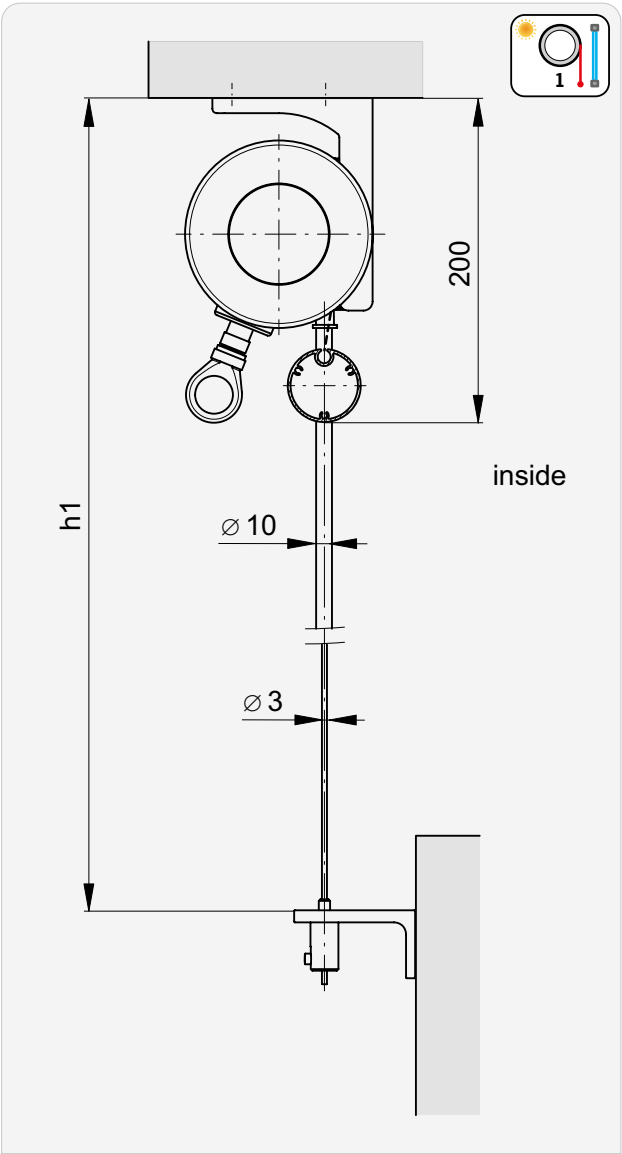


Horizontal section: Guide cable / slat

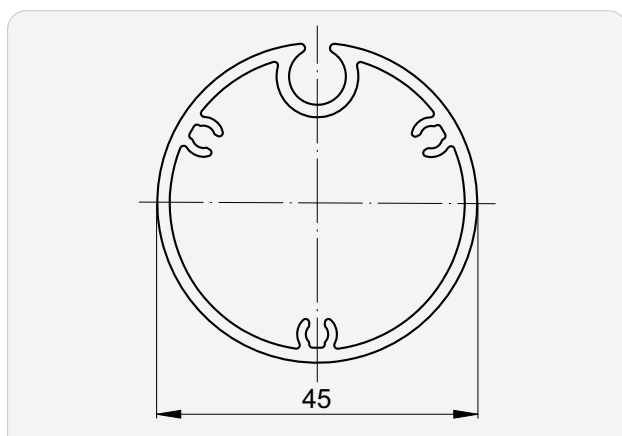


Installation system under ceiling

Vertical section: Guide cable / slat

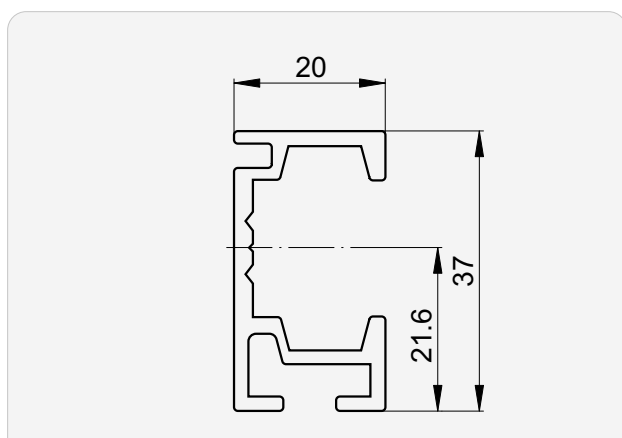


Bottom rail

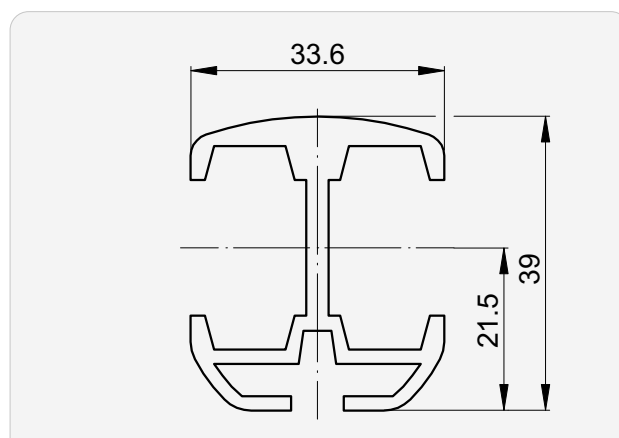


Guide rails

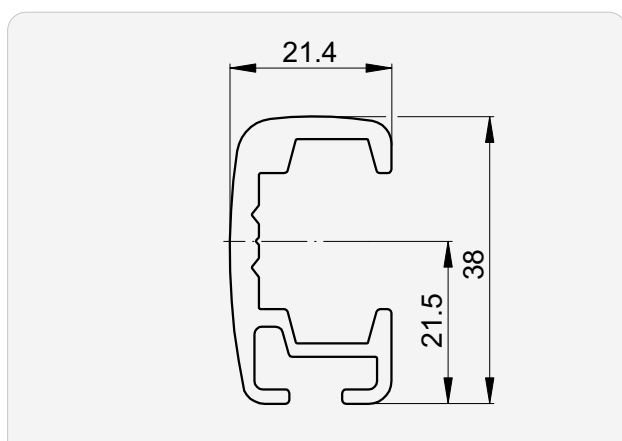
Type E | Square



Type D | Double guide



Type R | Circular

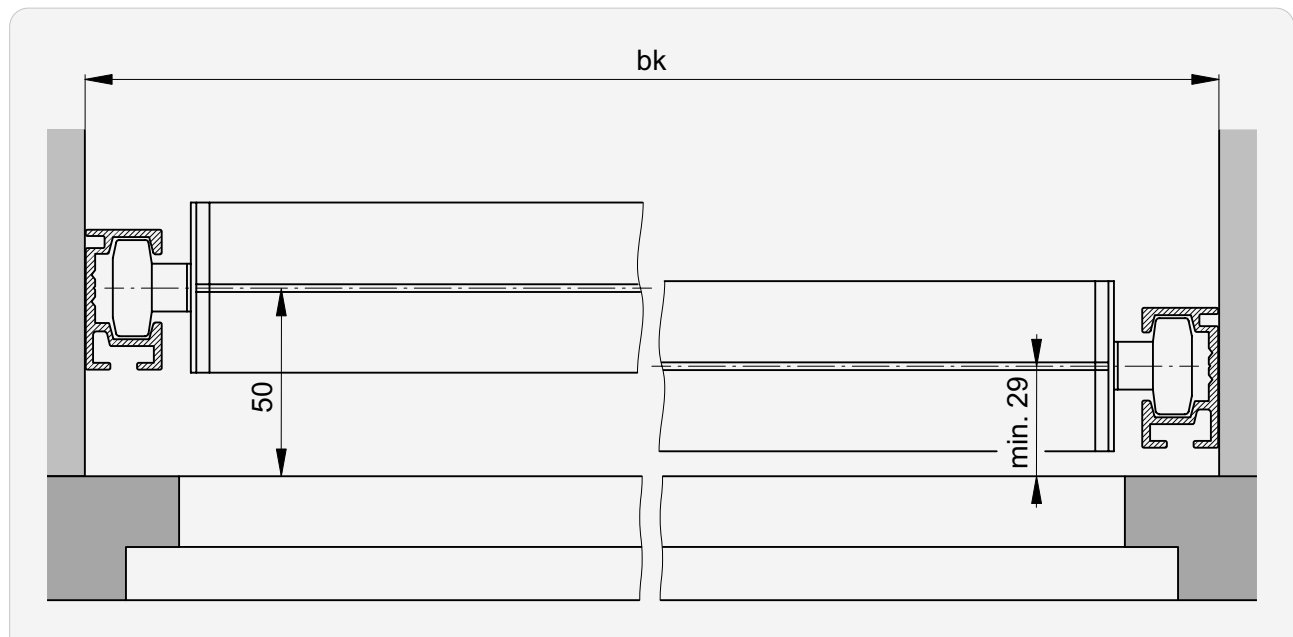


➤ Fastening points.....	66
➤ Guide extension and facet	64

➤ Guide rail fastenings.....	58
------------------------------	----

Sections | Details

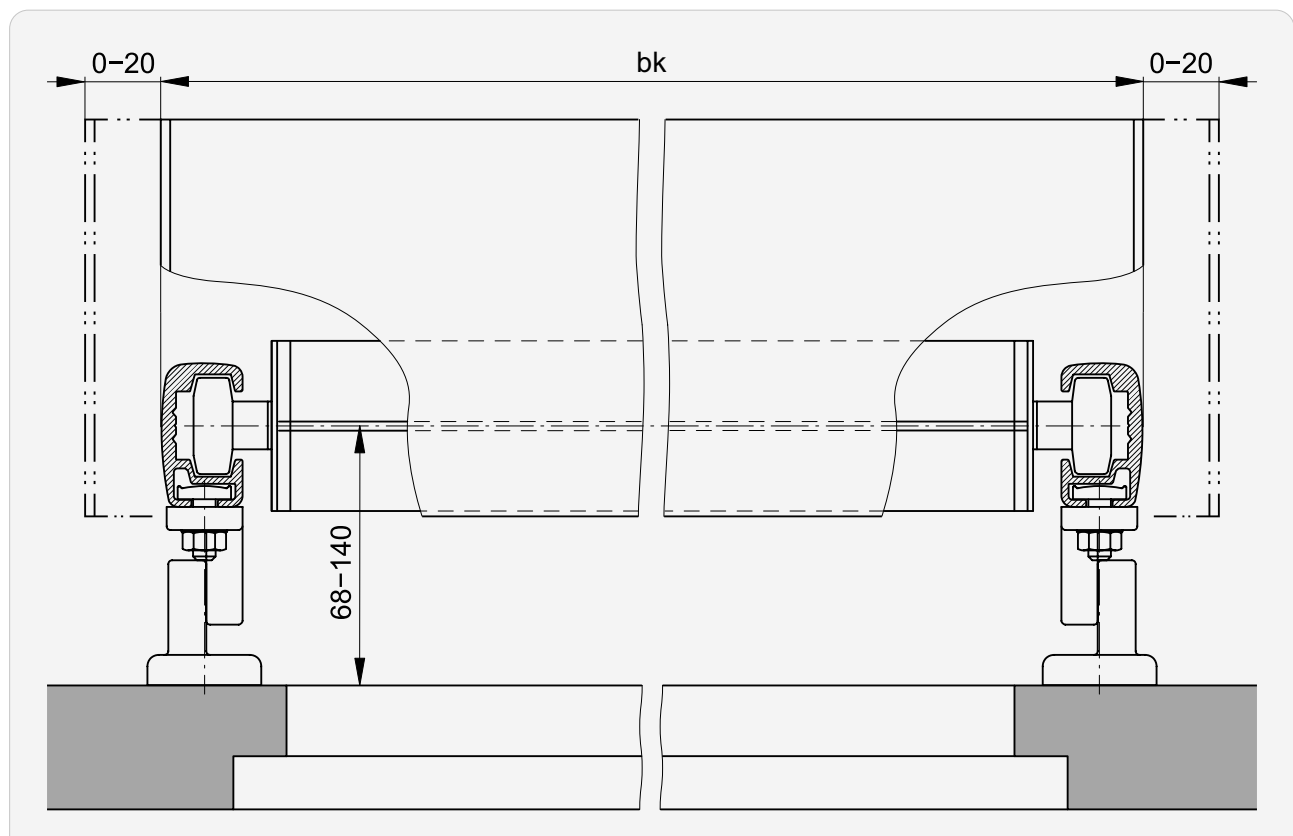
Horizontal section: Built-in system



Symmetrical installation

Asymmetrical installation

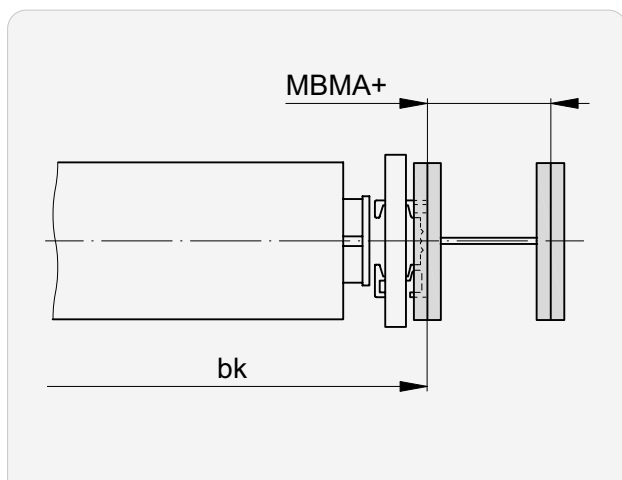
Horizontal section: Installation system



i Box overhang: 0 ... 20 mm per side, from rear edge of guide rail.

Sections for crank drive (MBMA)

outside bk

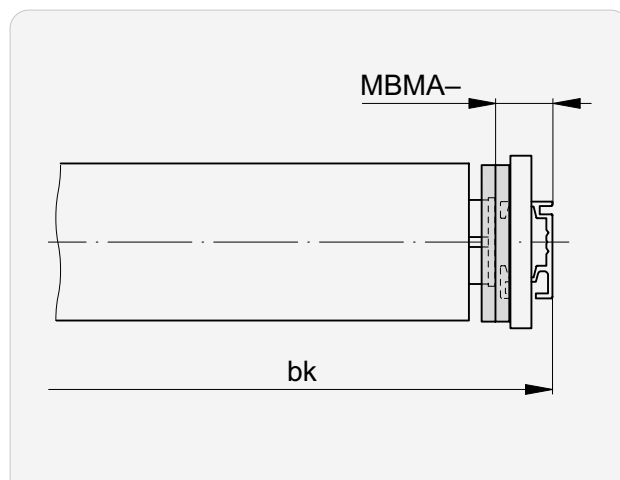


MBMA+¹

0 ... 120

¹ Provide required space

within bk



MBMA-

26

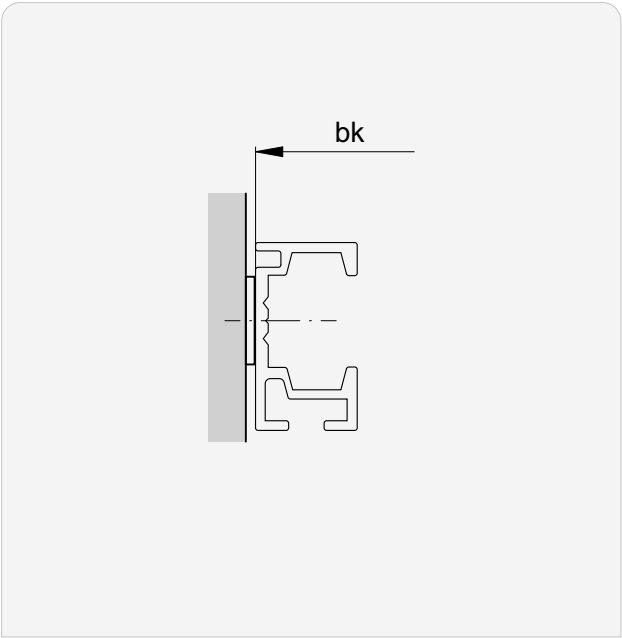
Guide rail fastenings (principle)

Overview

Type											
A	B	Bd	C	Cd	E	F	G	H	I	T	V
○ ¹	○ ¹	○ ¹	○ ¹	○ ¹	○ ¹	○ ¹	–	●	–	○ ¹	○ ¹

- applicable without restrictions
- applicable with restrictions
 - ¹only with guide **type E | Square**

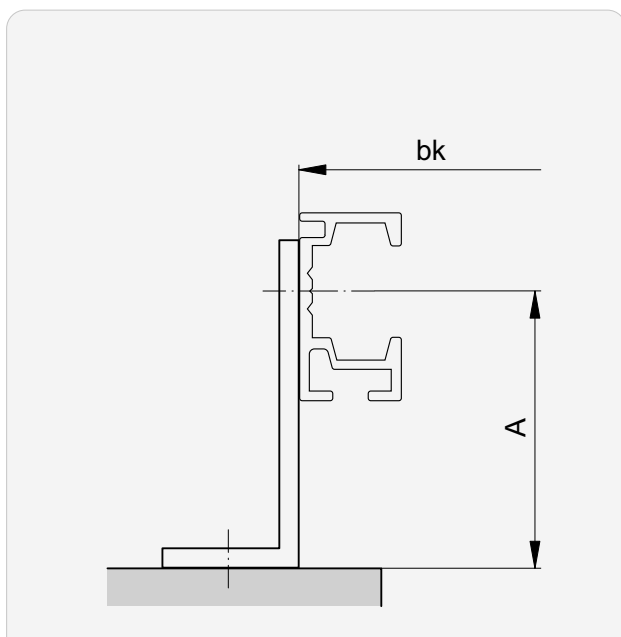
A Soffit installation



i Observe possible guide rail spacer for **bk**.
Standard: 2 mm

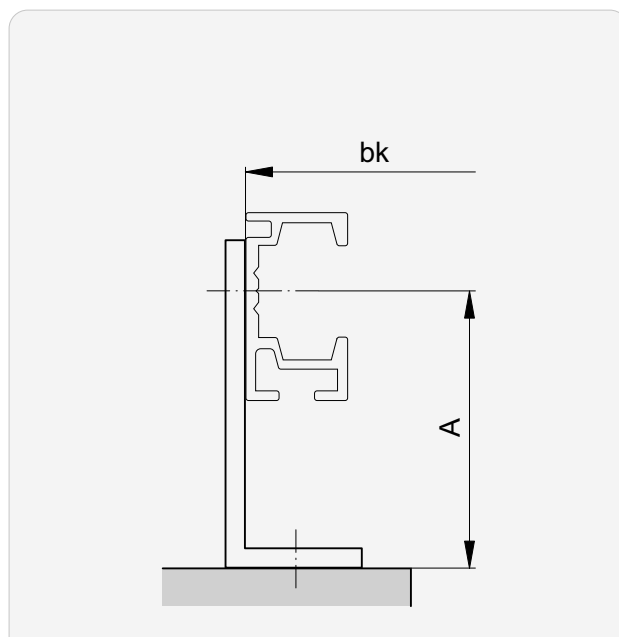
►► Guide rail fastenings (principle)

B Installation with fastening bracket



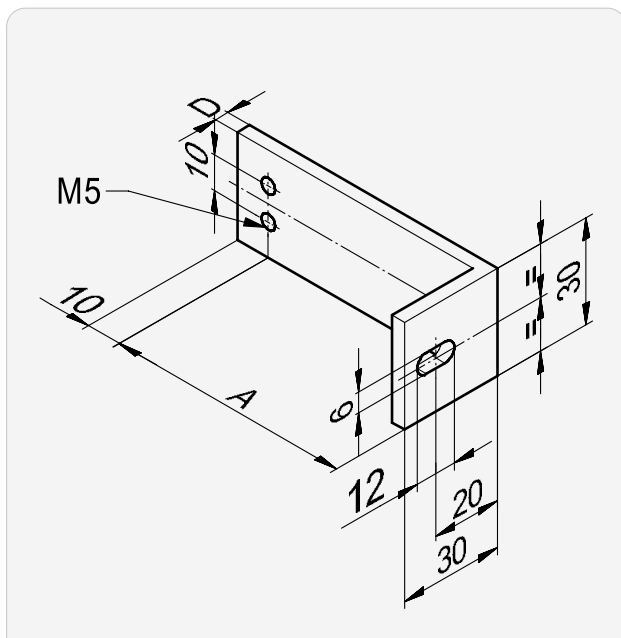
Bracket outwards

C Installation with fastening bracket



Bracket inwards

Fastening bracket for types B and C



A*

20 ... 115

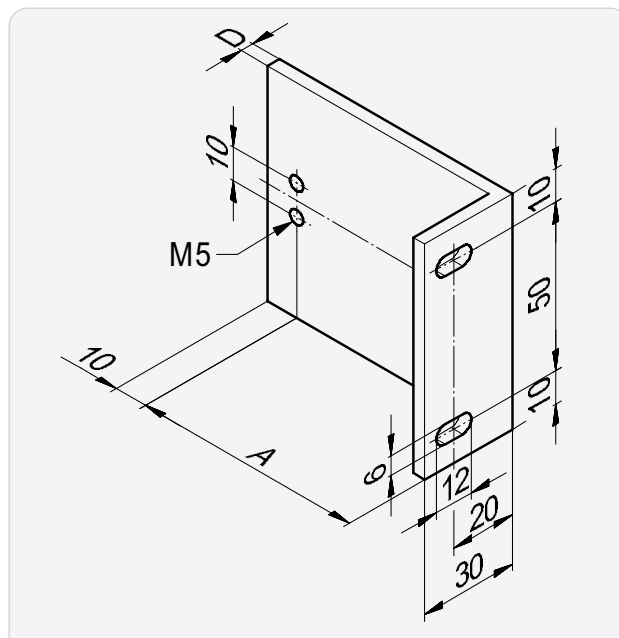
D

4

i For suspended guide rails always with **brackets 70 mm**.

* in 5 mm steps

Fastening bracket 70 mm for types B and C



A*

20 ... 115

120 ... 215

D

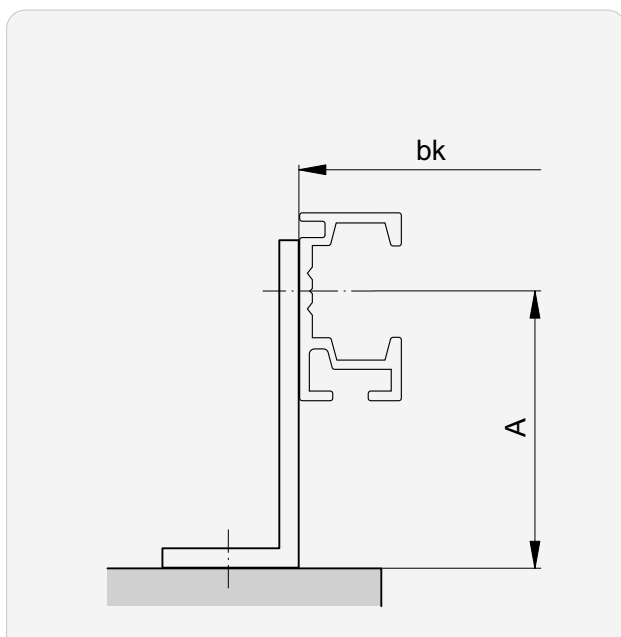
4

5

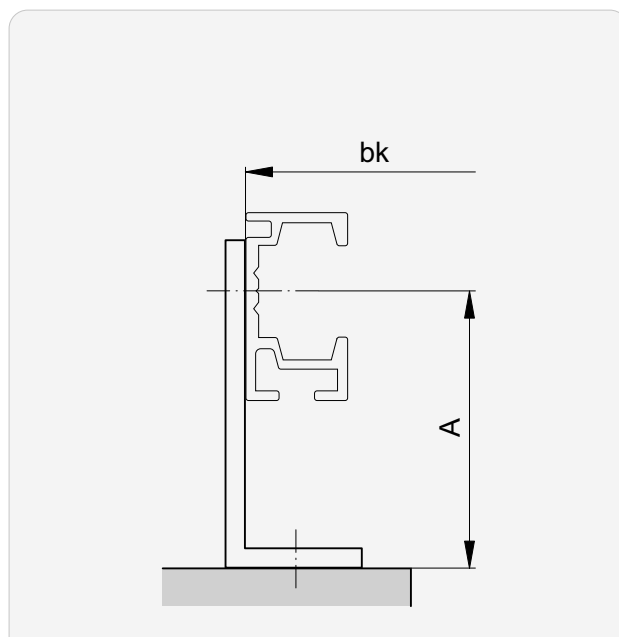
i If the **projection is ≥ 120** , all products are fastened with a **70 mm bracket**.

►► Guide rail fastenings (principle)

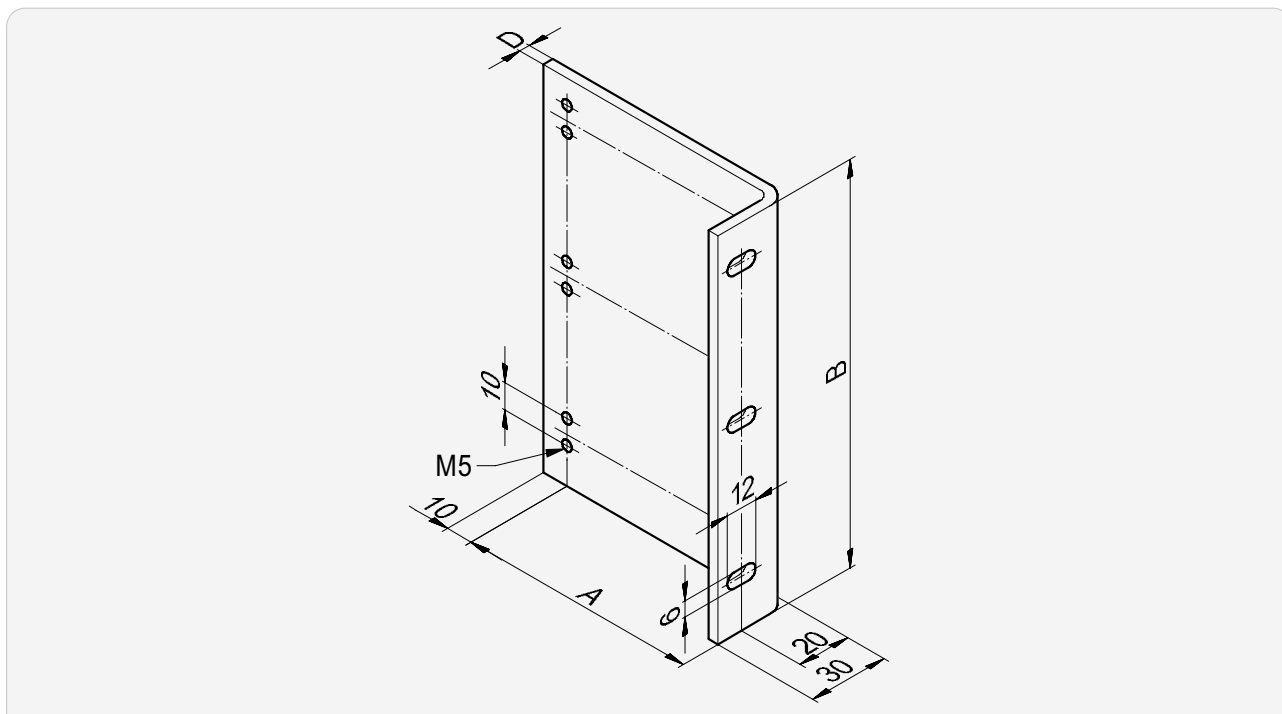
Bd Installation with continuous fastening bracket



Cd Installation with continuous fastening bracket



Continuous fastening bracket for types Bd and Cd

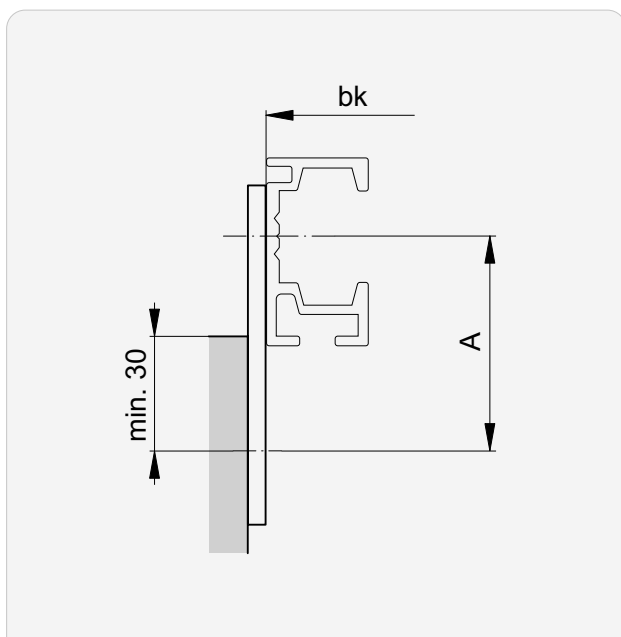


A*	D
20 ... 300	always 4

* in 5 mm steps

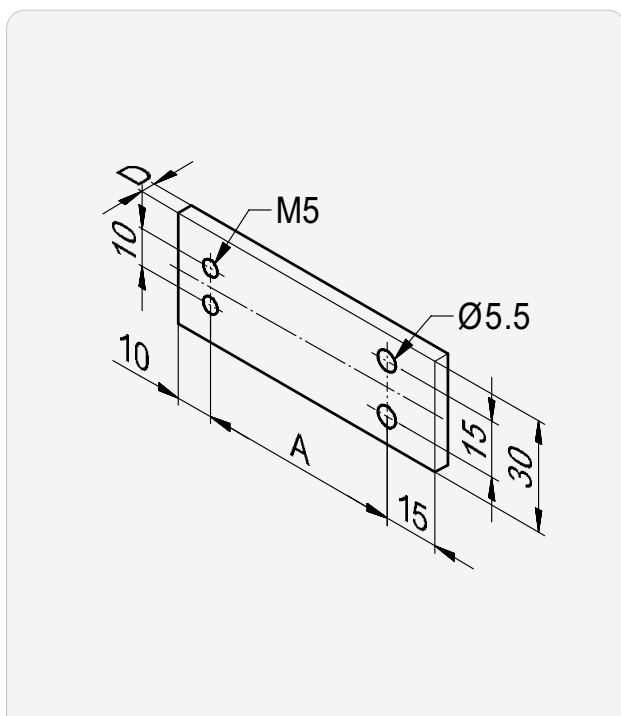
►► Guide rail fastenings (principle)

E | F Installation with fastening lug



inwards / outwards

Fastening lug for type E | F

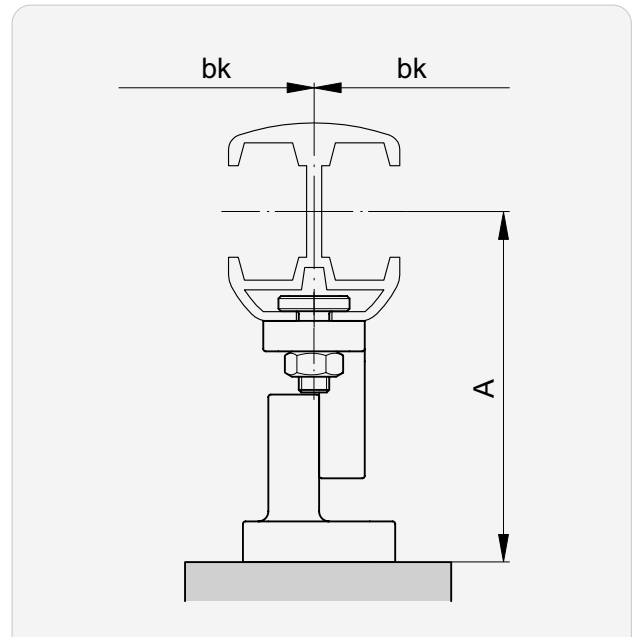
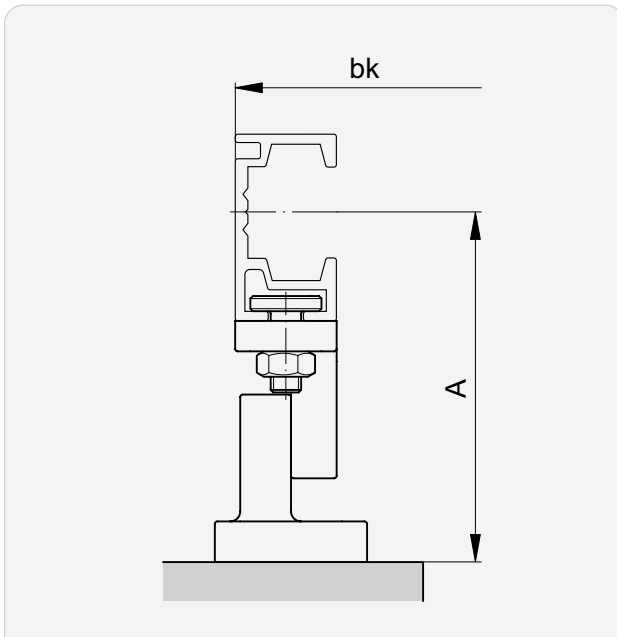


A*	D
50 ... 115	4
120 ... 125	5

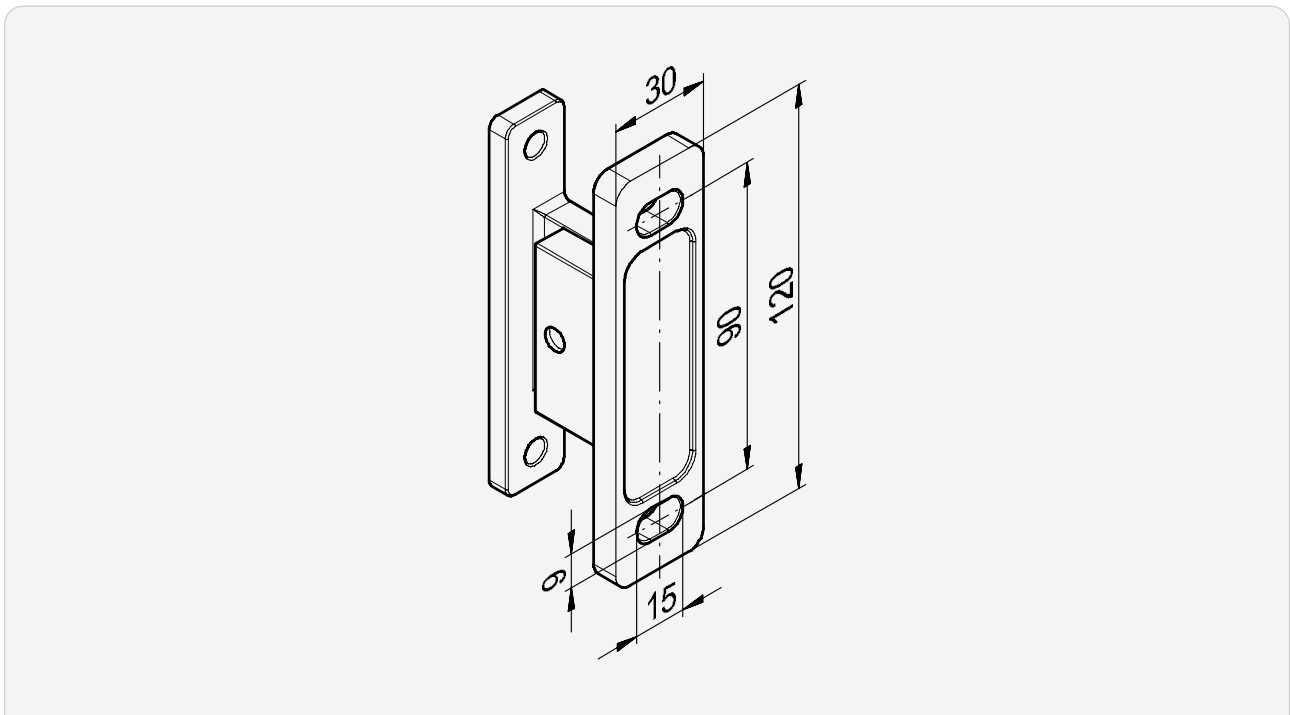
* in 5 mm steps

►► Guide rail fastenings (principle)

H Installation with spacer



Spacer for type H



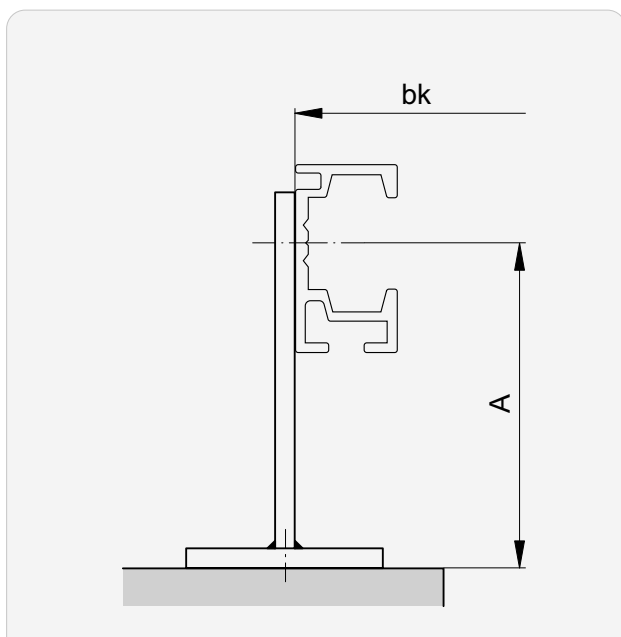
A

68...140

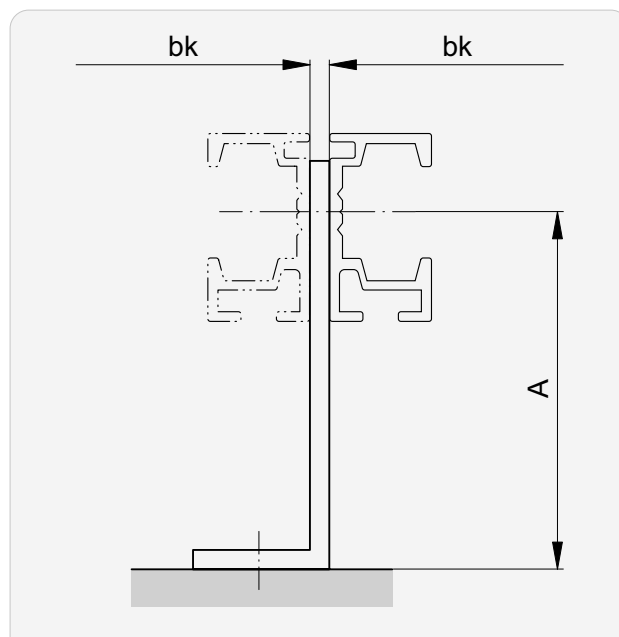
Standard: 70

►► Guide rail fastenings (principle)

T Installation with T-bracket

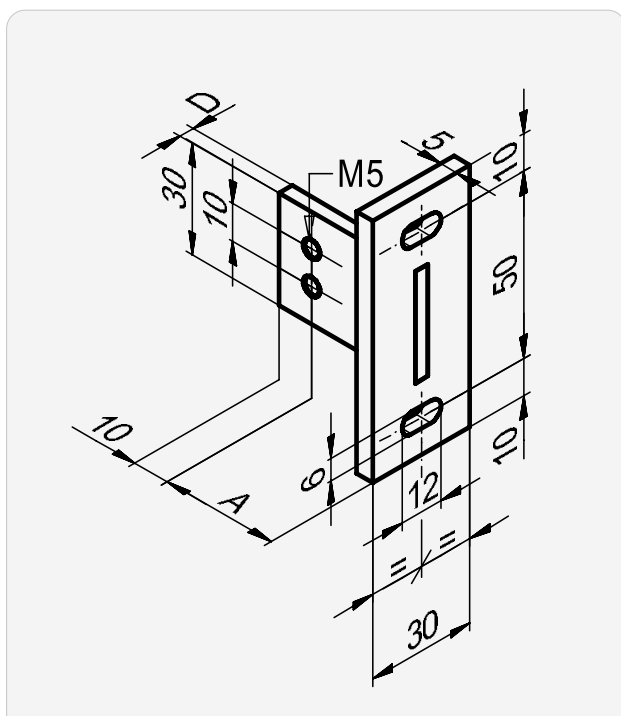


V Installation with one bracket



The blind on the right uses the fastening for the blind on the left.

T-bracket for type T

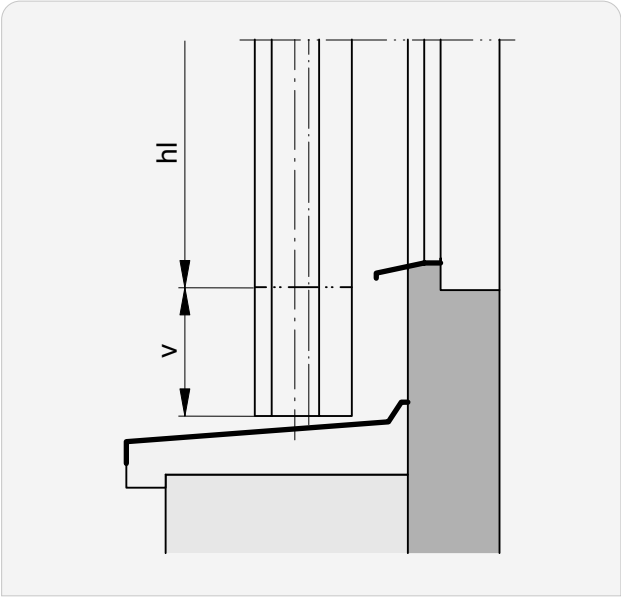


A*	D
20 ... 115	4
120 ... 215	5

* in 5 mm steps

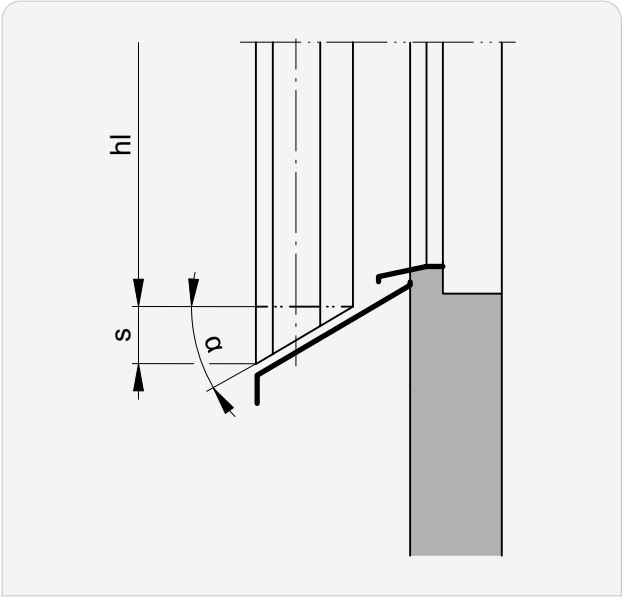
Guide extension and facet

Extension



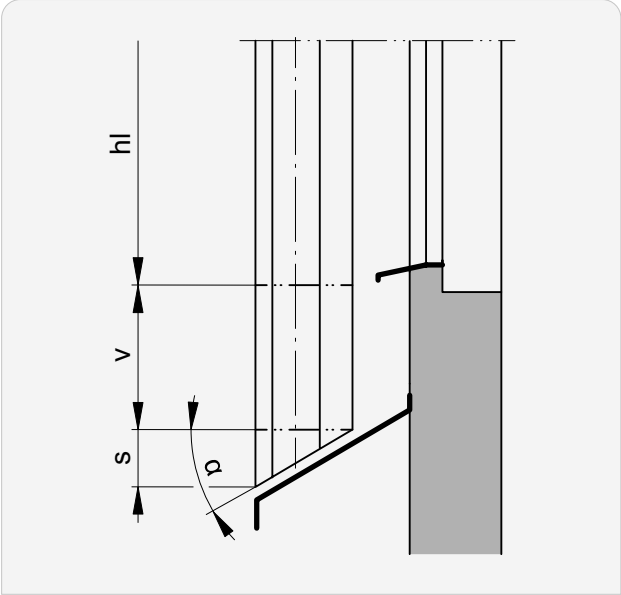
v
0...1000

Facet



α
2...66°

Extension and facet



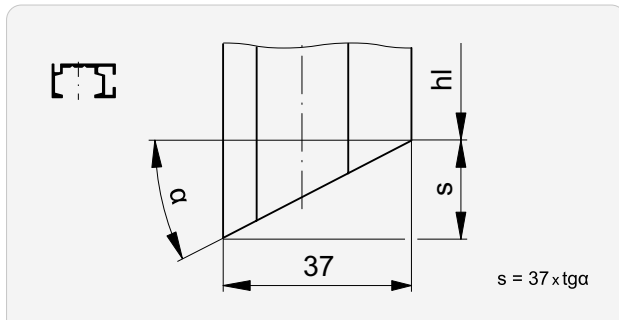
v
0...1000

α
2...66°

➡ Value for **s**.....65

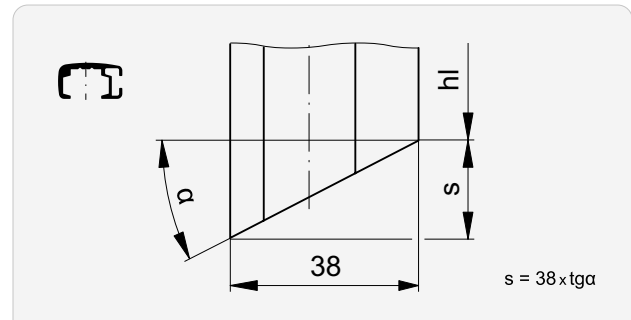
Angling at the guides

Square



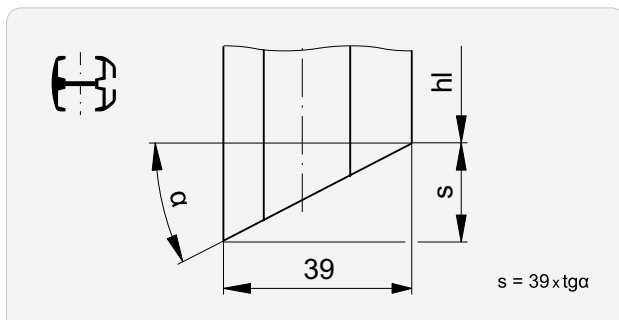
α	s	α	s	α	s	α	s	α	s	α	s	α	s
2	1	12	8	22	15	32	23	42	33	52	47		
3	2	13	9	23	16	33	24	43	35	53	49		
4	3	14	9	24	16	34	25	44	36	54	51		
5	3	15	10	25	17	35	26	45	37	55	53		
6	4	16	11	26	18	36	27	46	38	56	55		
7	5	17	11	27	19	37	28	47	40	57	57		
8	5	18	12	28	20	38	29	48	41	58	59		
9	6	19	13	29	21	39	30	49	43	59	62		
10	7	20	13	30	21	40	31	50	44	60	64		
11	7	21	14	31	22	41	32	51	46	61	67		

Circular



α	s	α	s	α	s	α	s	α	s	α	s	α	s
2	1	12	8	22	15	32	24	42	34	52	49		
3	2	13	9	23	16	33	25	43	35	53	50		
4	3	14	9	24	17	34	26	44	37	54	52		
5	3	15	10	25	18	35	27	45	38	55	54		
6	4	16	11	26	19	36	28	46	39	56	56		
7	5	17	12	27	19	37	29	47	41	57	59		
8	5	18	12	28	20	38	30	48	42	58	61		
9	6	19	13	29	21	39	31	49	44	59	63		
10	7	20	14	30	22	40	32	50	45	60	66		
11	7	21	15	31	23	41	33	51	47	61	69		

Double guide



α	s	α	s	α	s	α	s	α	s	α	s	α	s
2	1	12	8	22	16	32	24	42	35	52	50		
3	2	13	9	23	17	33	25	43	36	53	52		
4	3	14	10	24	17	34	26	44	38	54	54		
5	3	15	10	25	18	35	27	45	39	55	56		
6	4	16	11	26	19	36	28	46	40	56	58		
7	5	17	12	27	20	37	29	47	42	57	60		
8	5	18	13	28	21	38	30	48	43	58	62		
9	6	19	13	29	22	39	32	49	45	59	65		
10	7	20	14	30	23	40	33	50	46	60	68		
11	8	21	15	31	23	41	34	51	48	61	70		

Fastening points Sigara®

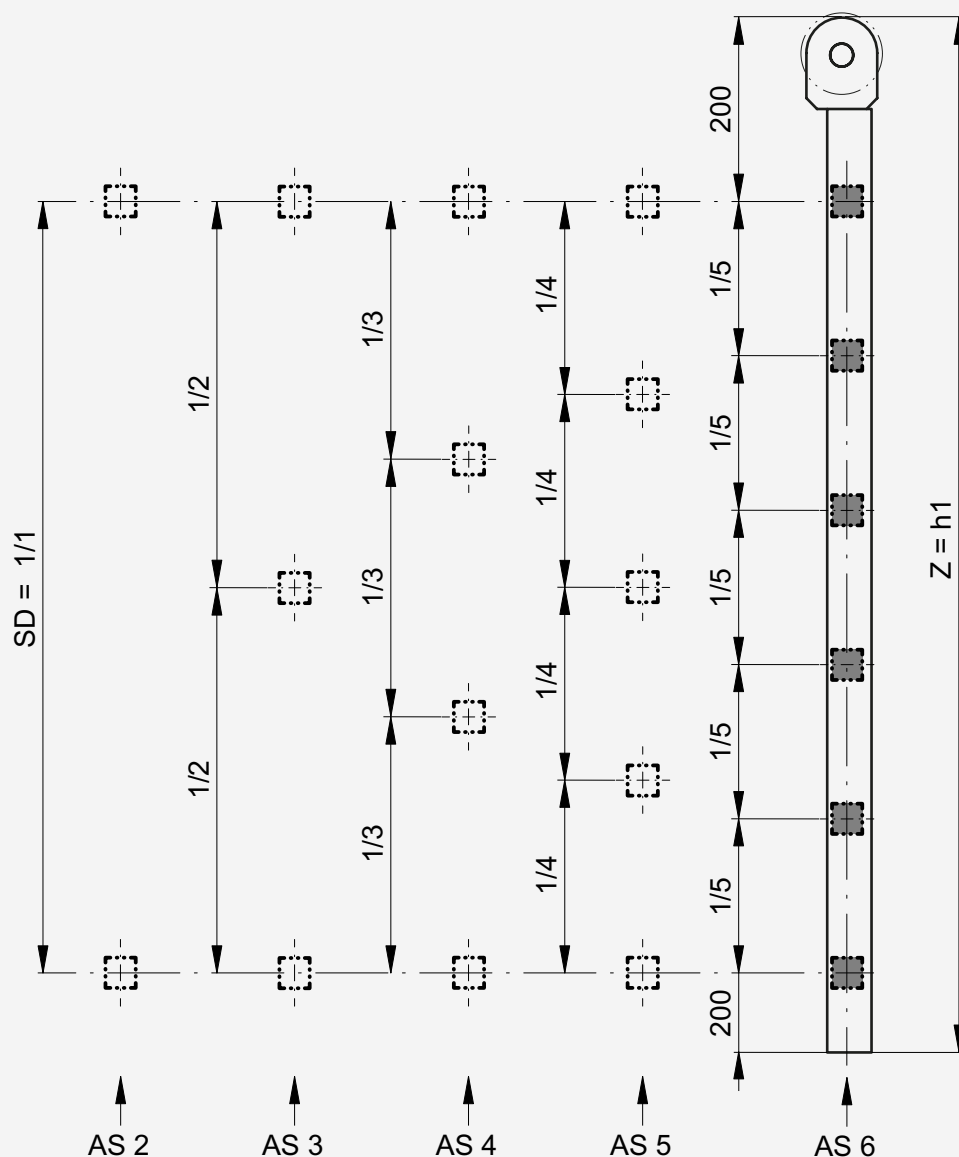
Without extension

Z	AS*
≤1400	2
1401... 2400	3
2401... 3400	4
3401... 4400	5
>4400	6



*For **AS≠3**:

Distribution of the dimension **h1 – 400** in **(AS – 1)** same pieces.



AS Number of slits

SD Slot spacing: max. 1000

►► Fastening points Sigara®

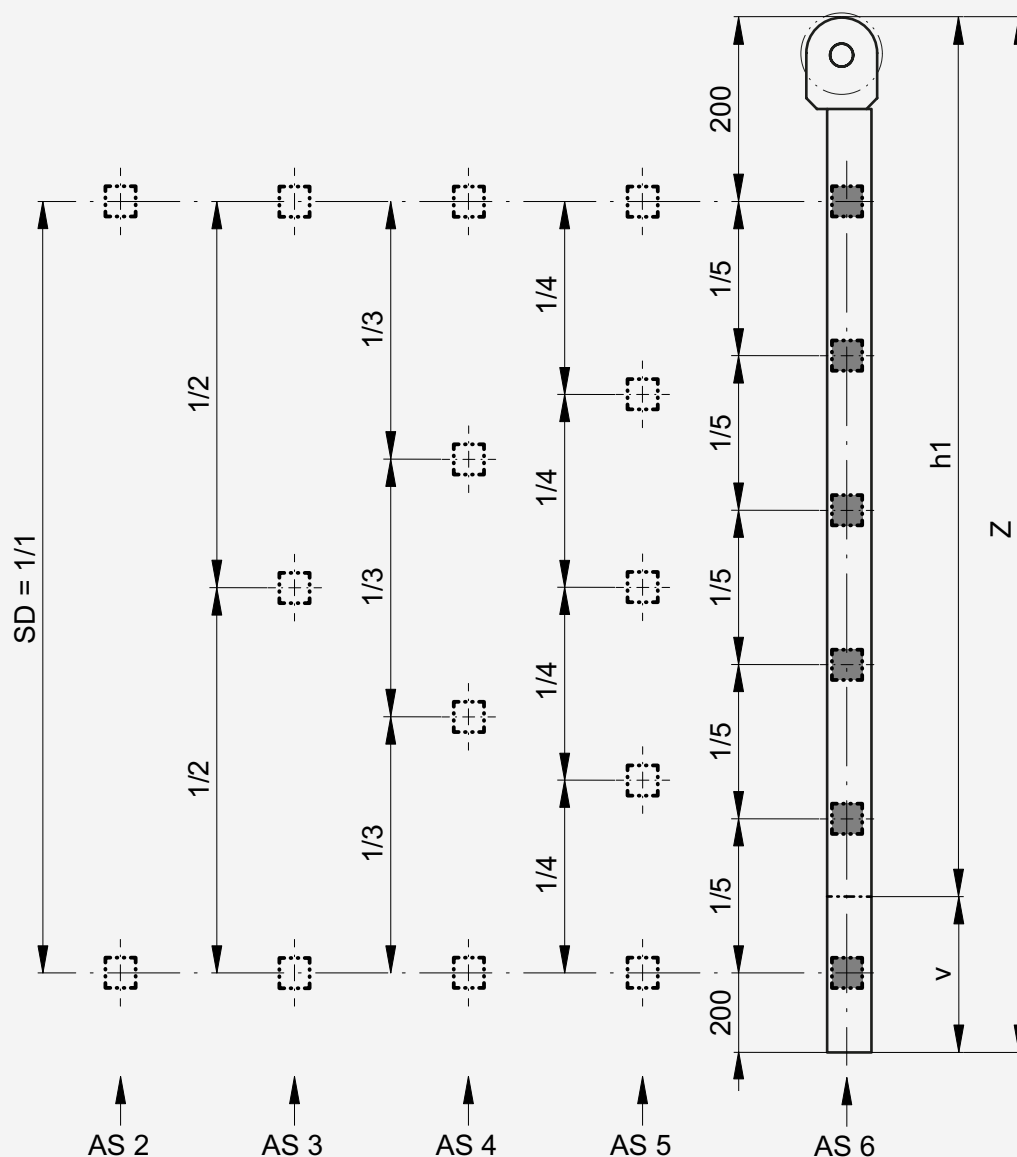
With guide rail extension

Z	AS*
≤1400	2
1401... 2400	3
2401... 3400	4
3401... 4400	5
> 4400	6



*For AS≠3:

Distribution of the dimension **h1 – 400** in (AS – 1) same pieces.



AS Number of slits

v Guide rail extension, max. 1000

SD Slot spacing: max. 1000

►► Fastening points Sigara®

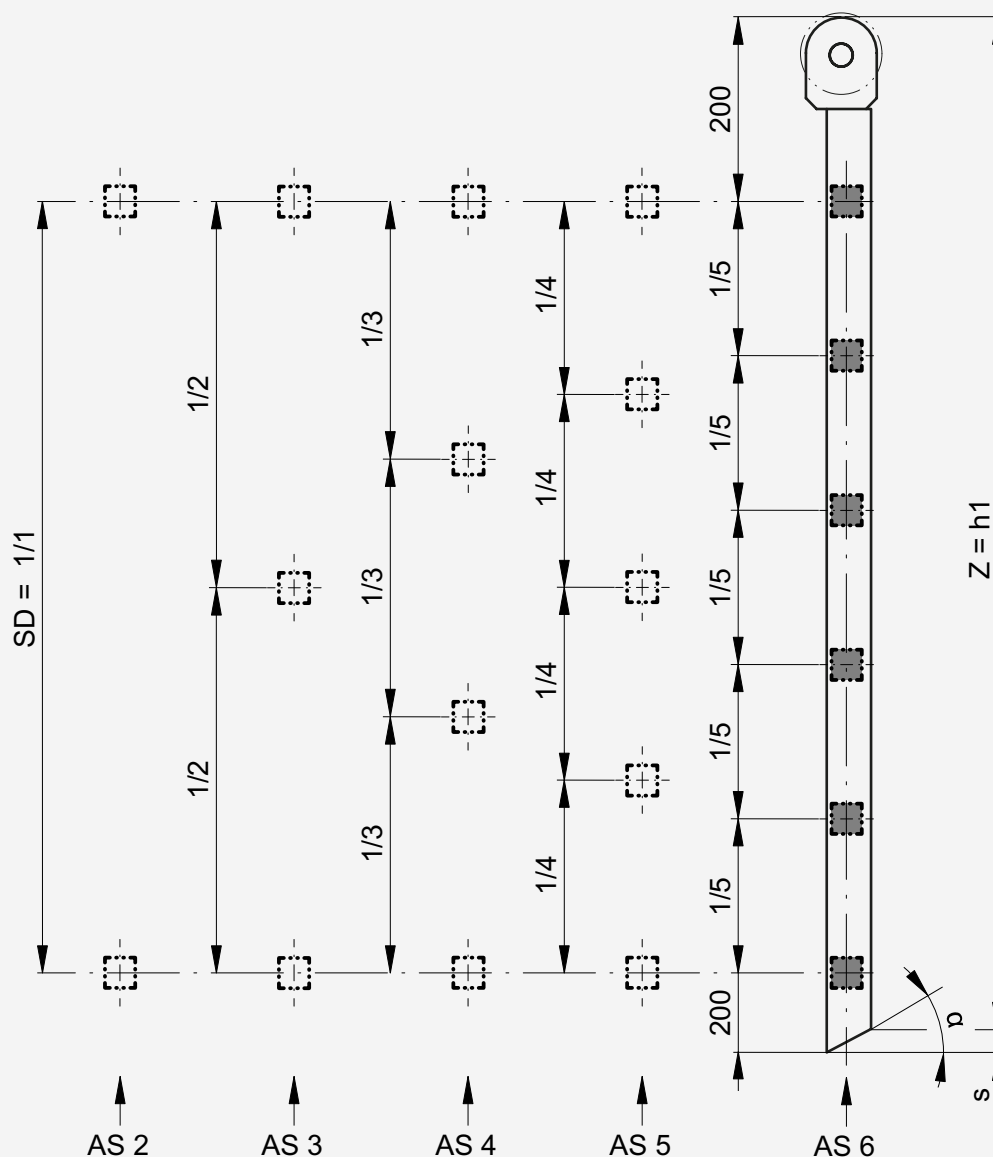
With facet

Z	AS*
≤1400	2
1401... 2400	3
2401... 3400	4
3401... 4400	5
>4400	6



*For AS≠3:

Distribution of the dimension **h1 – 400** in (AS – 1) same pieces.



AS Number of slits

SD Slot spacing: max. 1000

s Faceting (guide rail width x $\tan \alpha$)

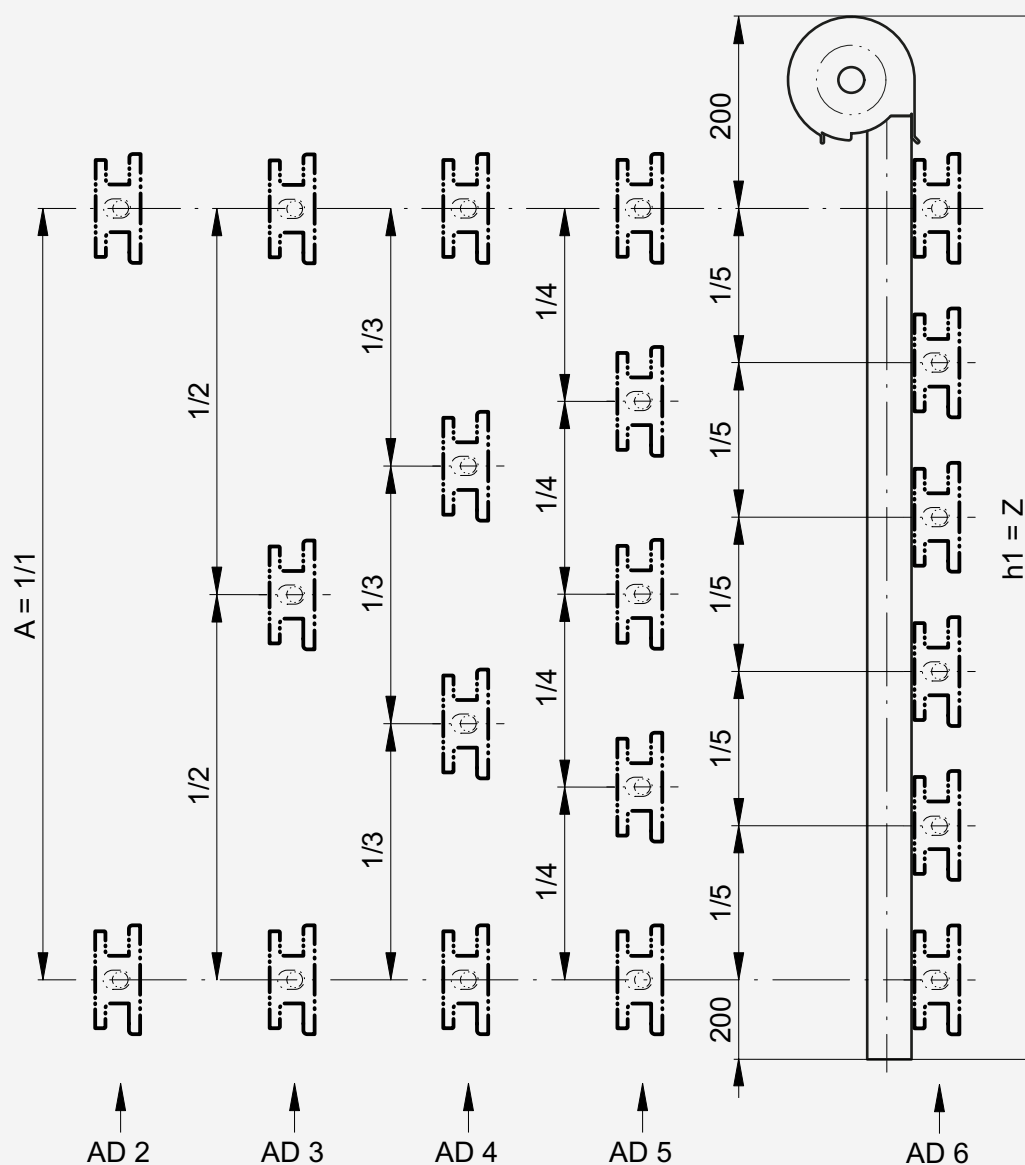
Fastening points Sigara® Box

Without extension

Z	AD*
≤1400	2
1401... 2400	3
2401... 3400	4
3401... 4400	5
> 4400	6



*For AD≠3:

Distribution of the dimension **h1 – 400** in (AD – 1) same pieces.

A Distance between spacers

AD Number of spacer

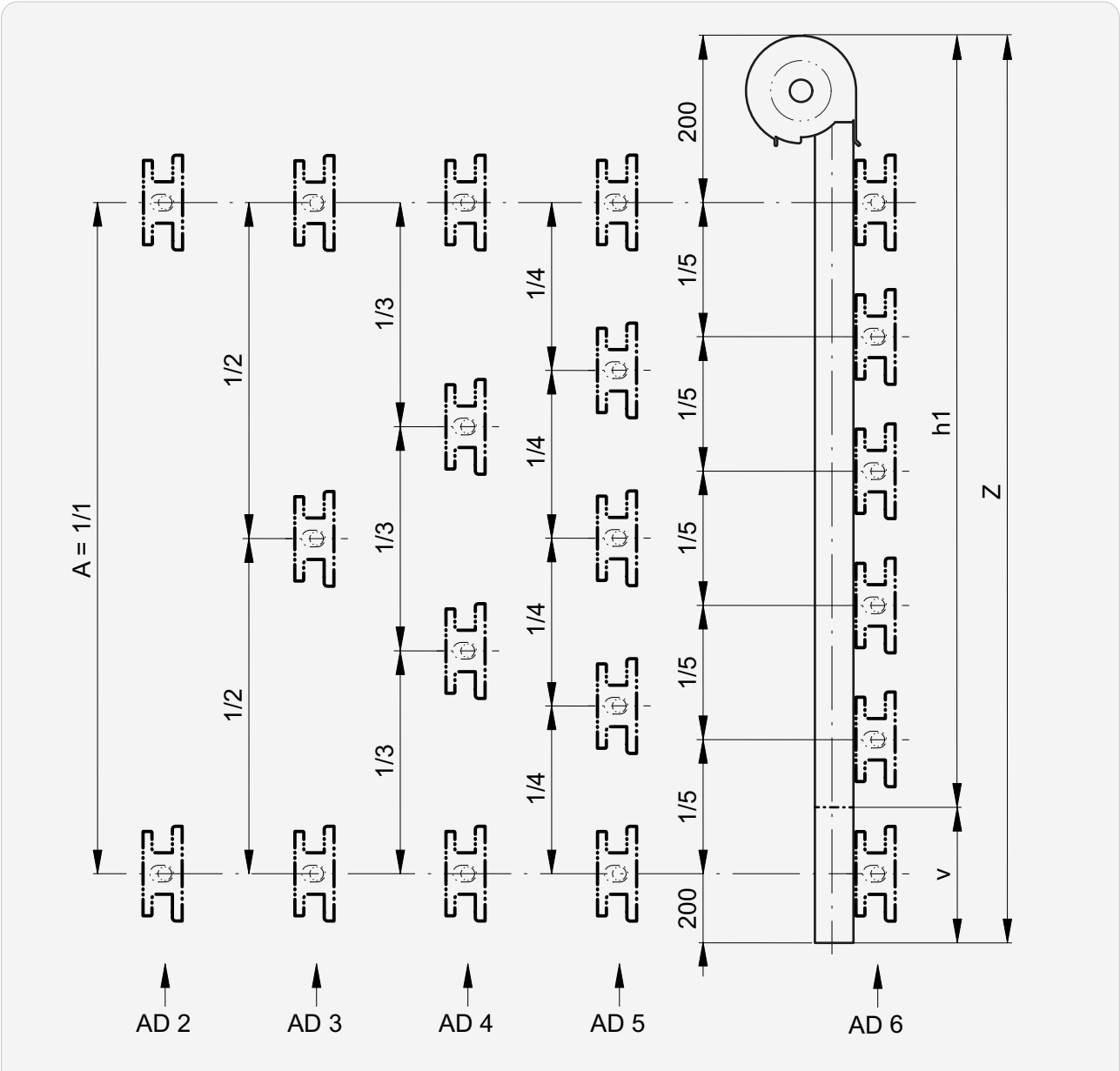
►► Fastening points Sigara® Box

With guide rail extension

Z	AD*
≤1400	2
1401... 2400	3
2401... 3400	4
3401... 4400	5
>4400	6



*For **AD**≠3:
Distribution of the dimension **h1 – 400** in **(AD – 1)** same pieces.



A Distance between spacers

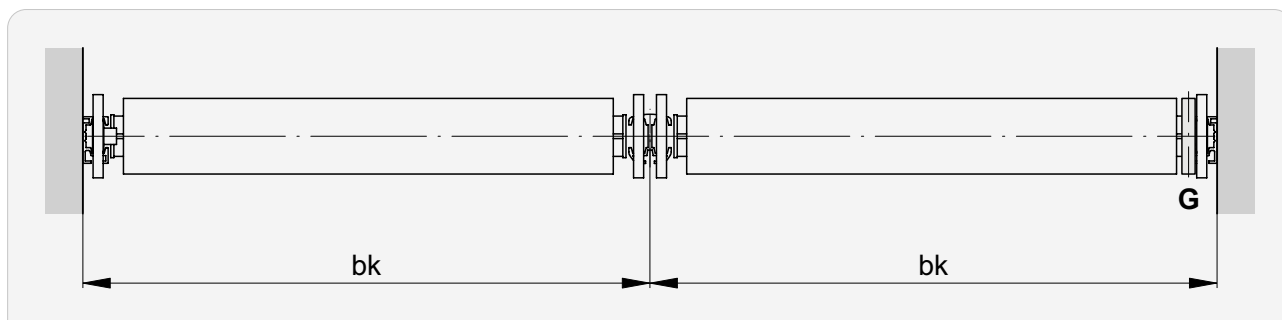
v Guide rail extension, max. 1000

AD Number of spacer

Connected systems

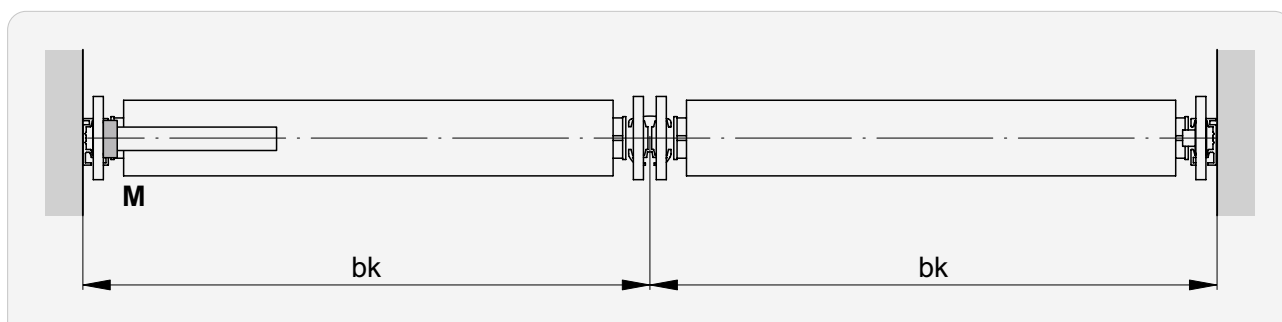
With crank drive

Fix

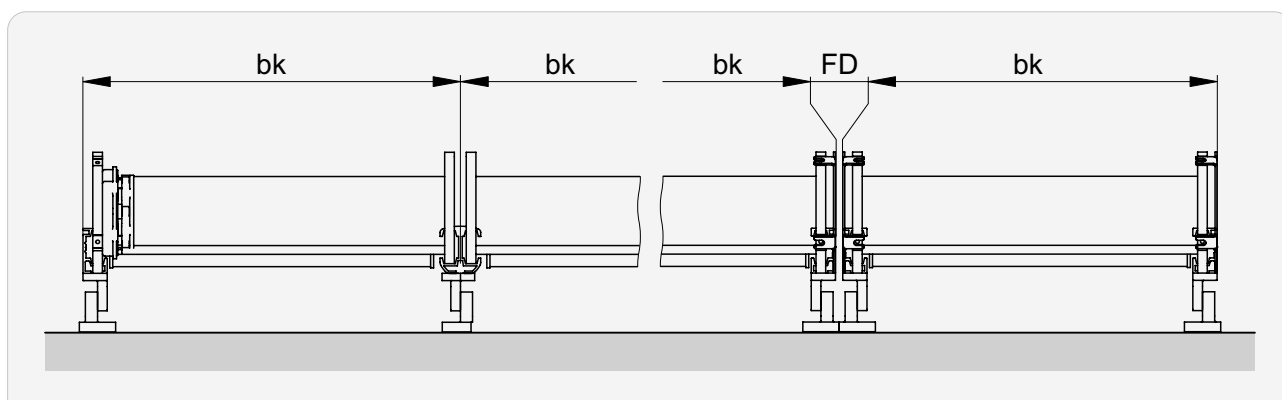


With motor drive

Fix



Box

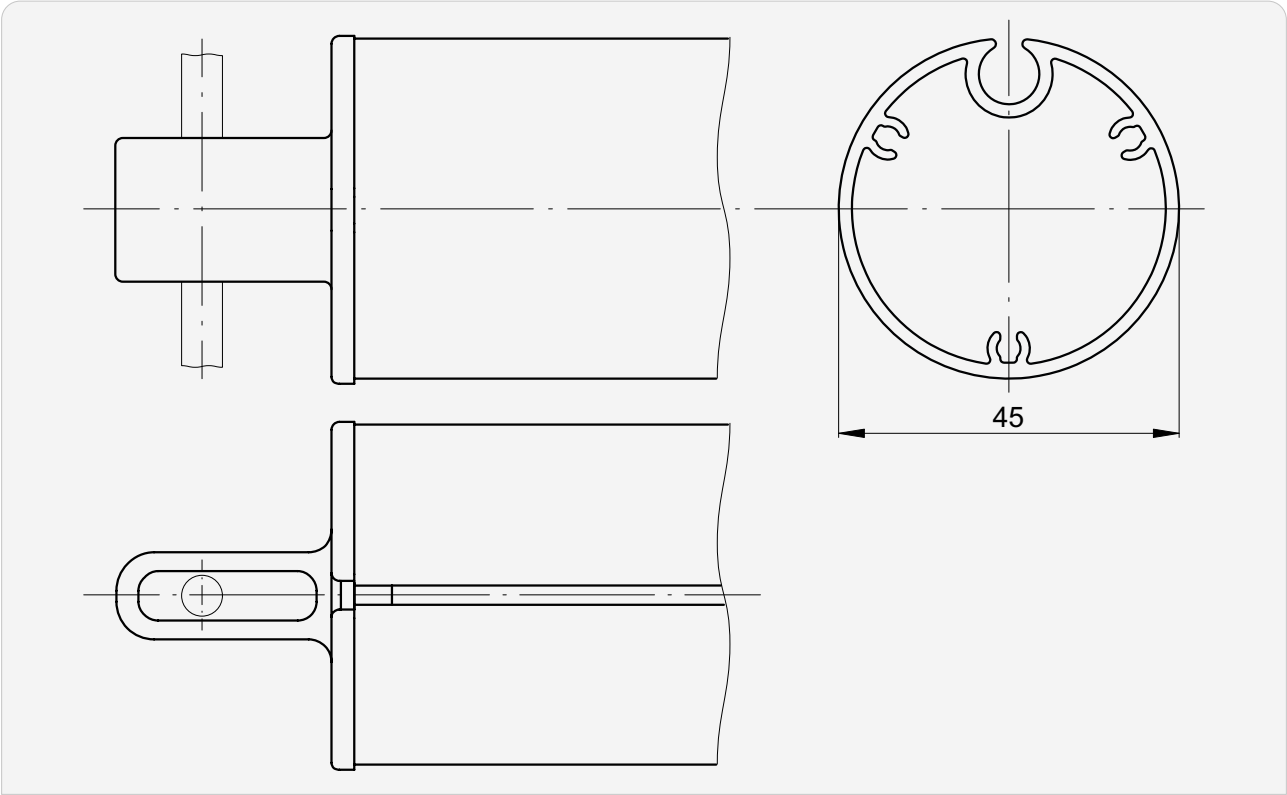


FD

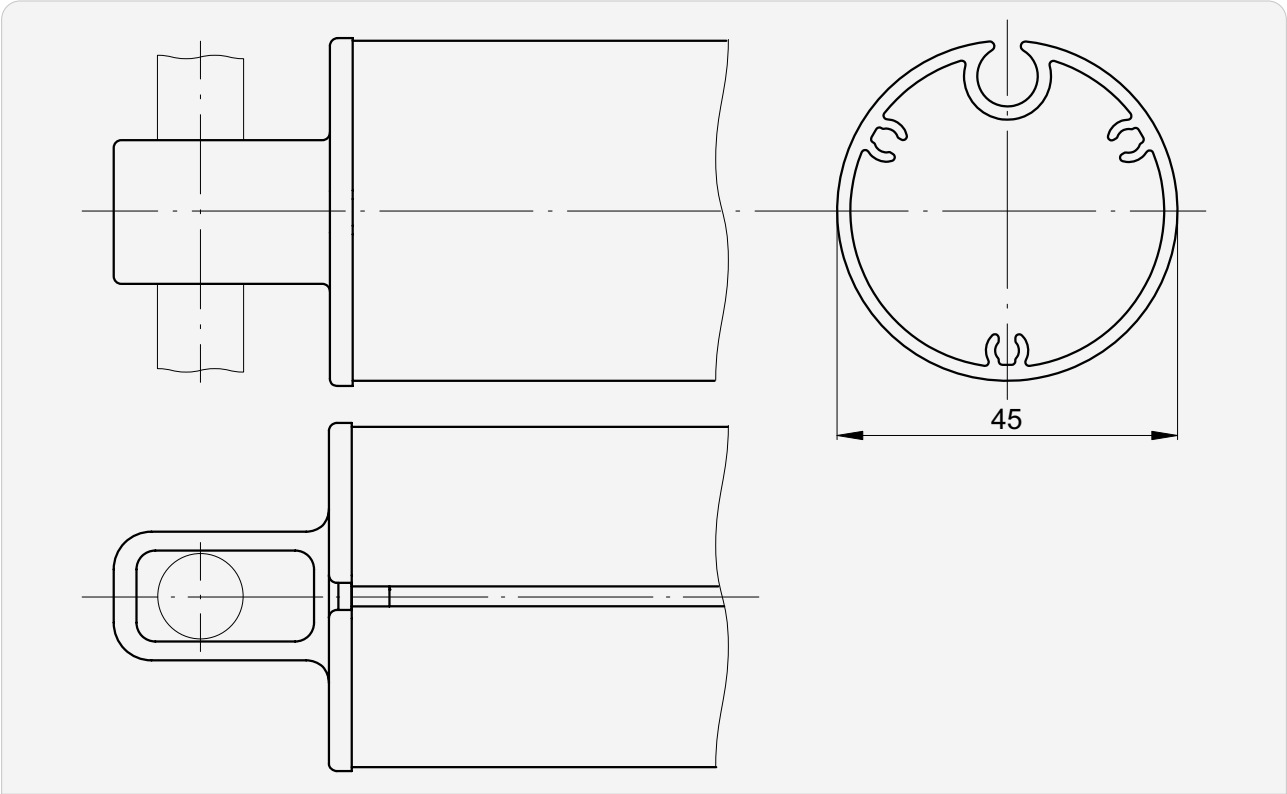
5...320

Bottom rails

Guide cable

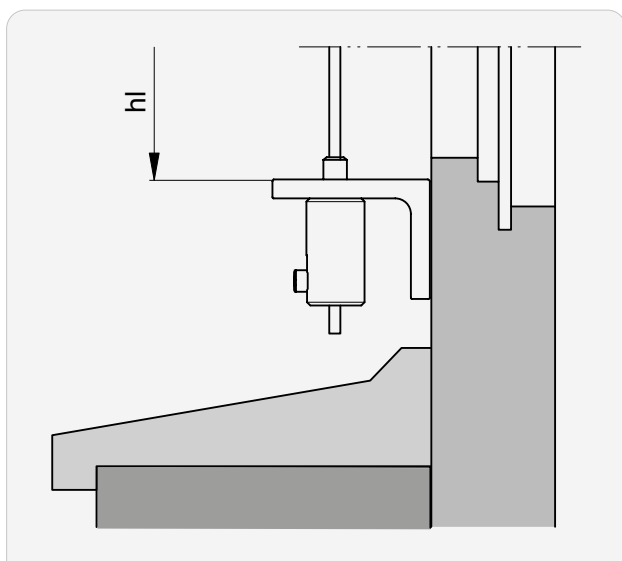


Guide slat



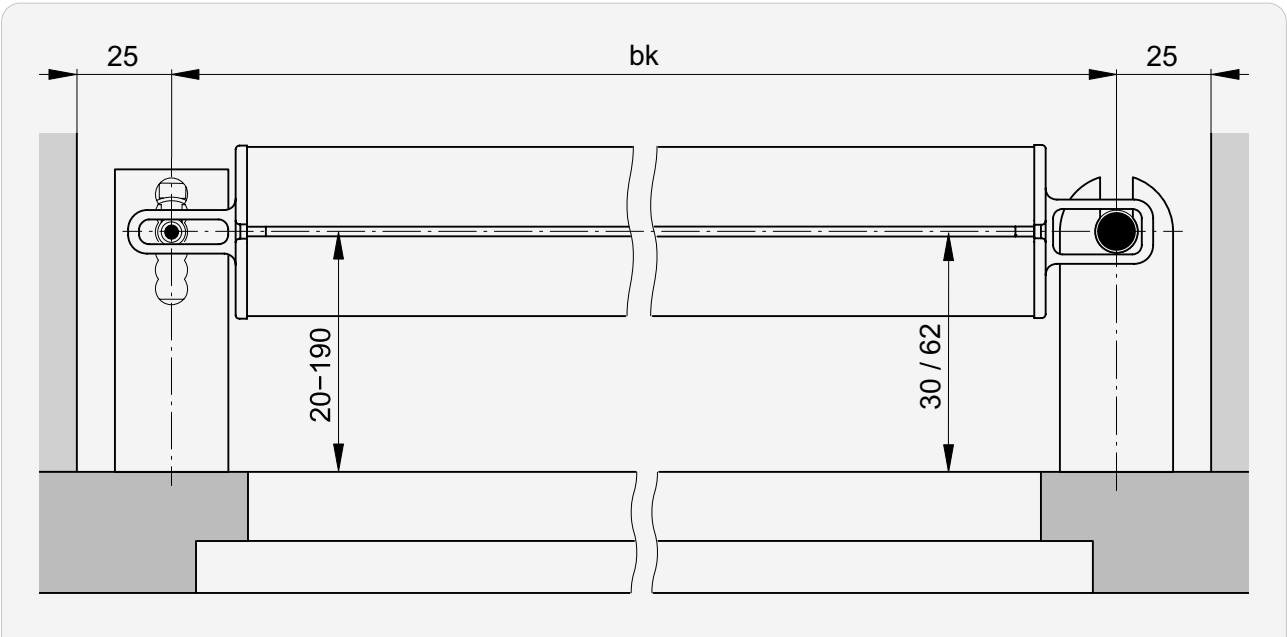
Guide cable / Guide slat

Soffit- / facade mounting

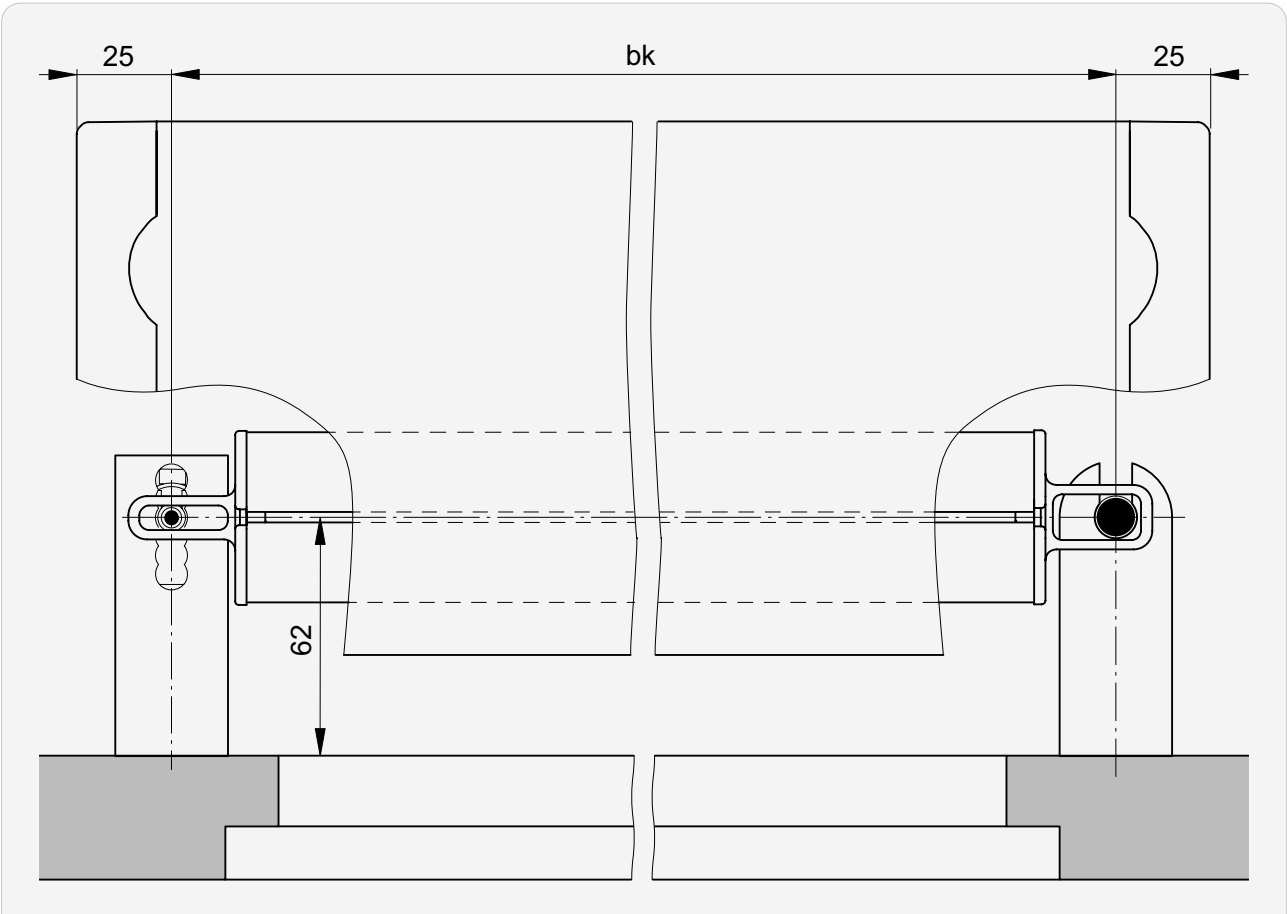


Sections | Details

Horizontal section: Built-in system

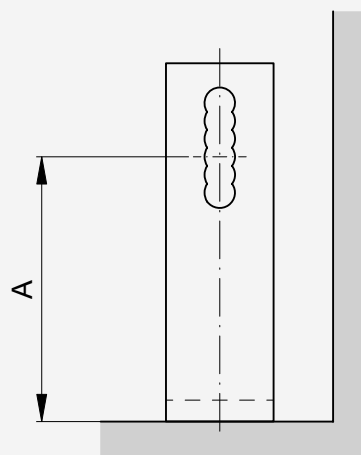
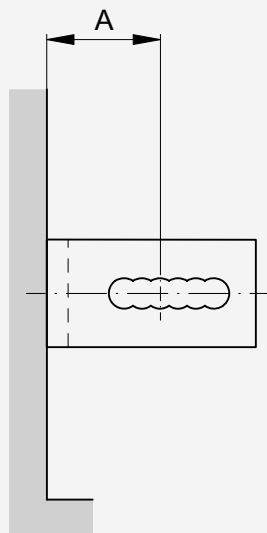


Horizontal section: Installation system

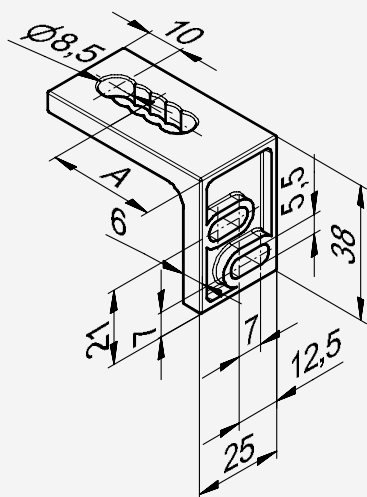


Guide cable fastenings

S Soffit or facade installation



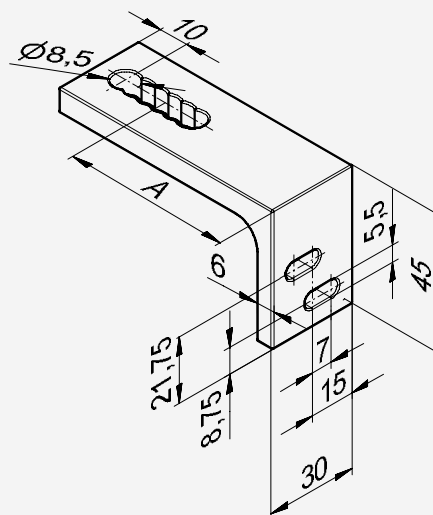
Tensioning bracket 20–40 for type S



A*

20 ... 40

Tensioning bracket 45–70 for type S



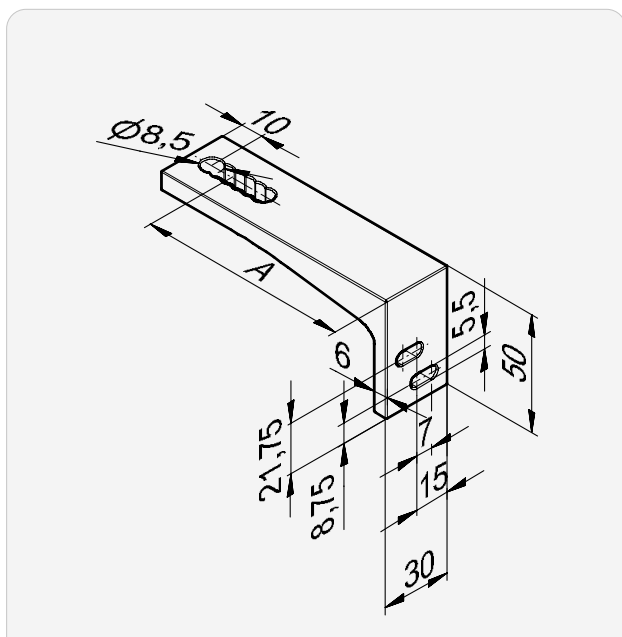
A*

45 ... 70

* in 5 mm steps

►► Guide cable fastenings

Tensioning bracket 75–130 for type S

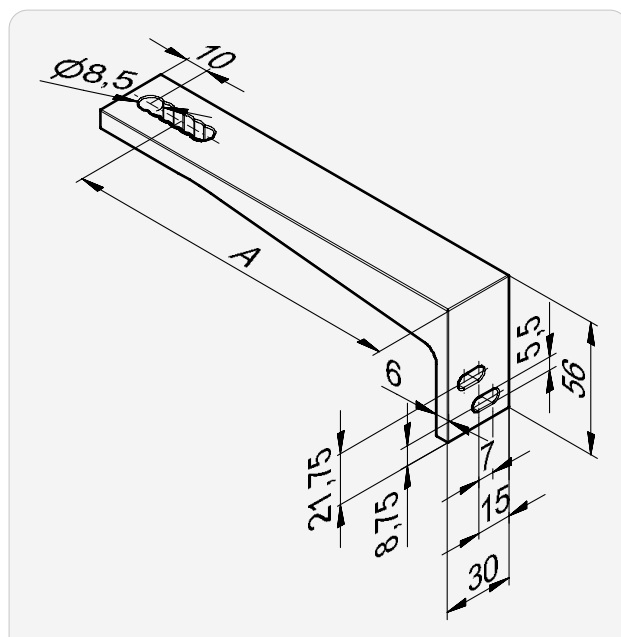


A*

75 ... 100

105 ... 130

Tensioning bracket 135–190 for type S



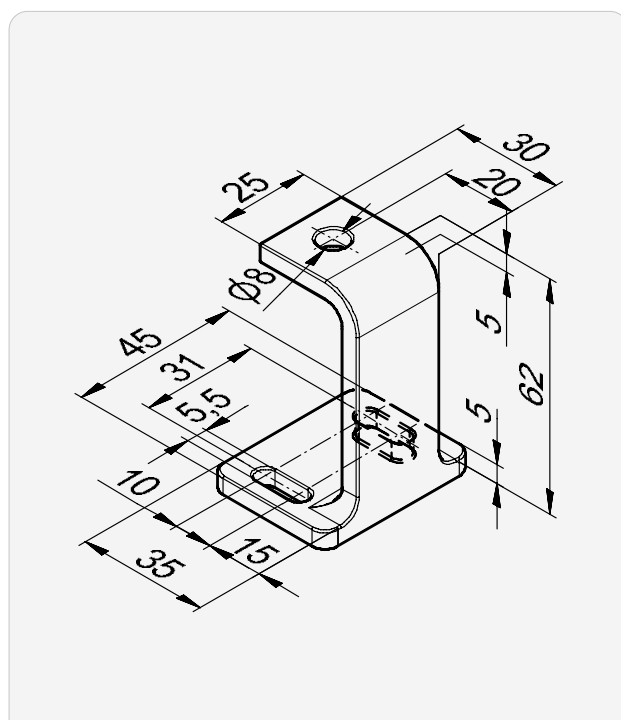
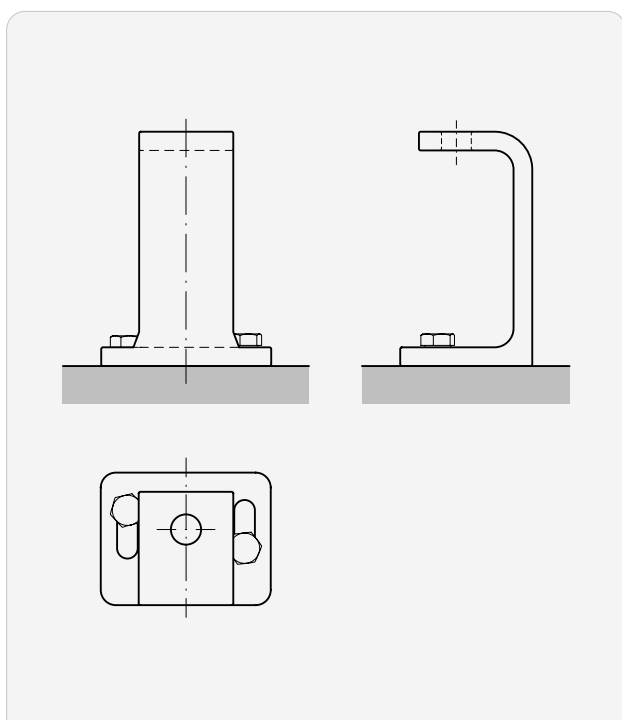
A*

135 ... 160

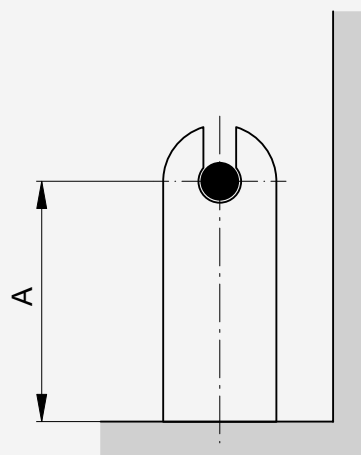
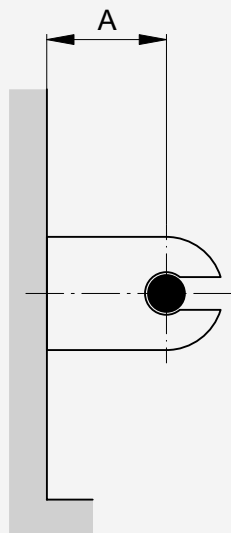
165 ... 190

* in 5mm steps

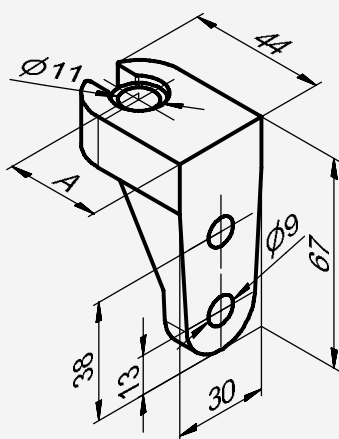
NU Windowsill installation



Guide slat fastenings

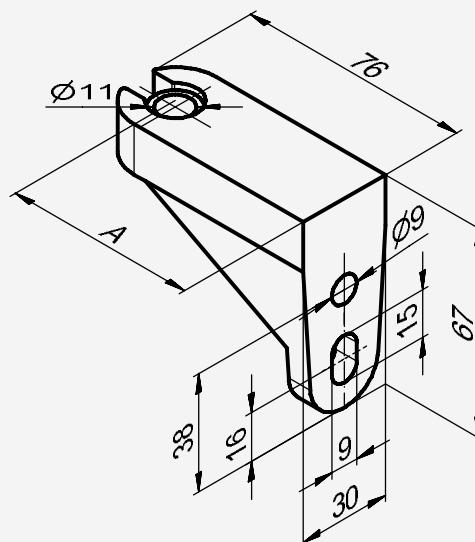
S Soffit or facade installation

Tensioning bracket for type S

**A**

30

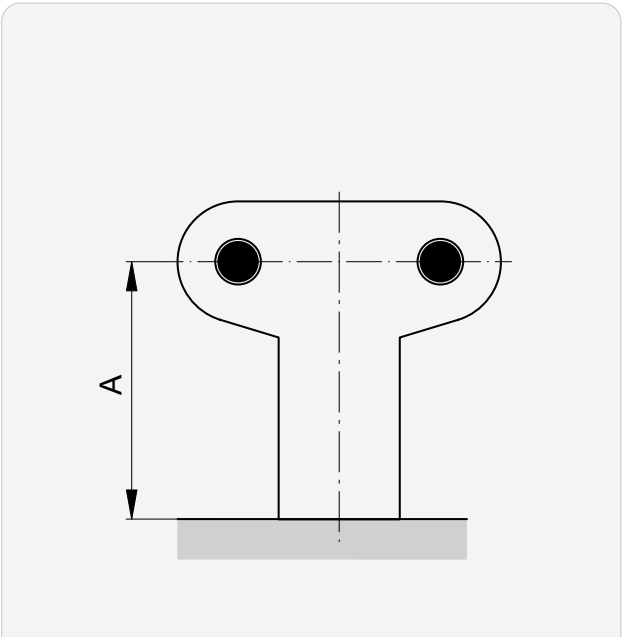
Tensioning bracket for type S

**A**

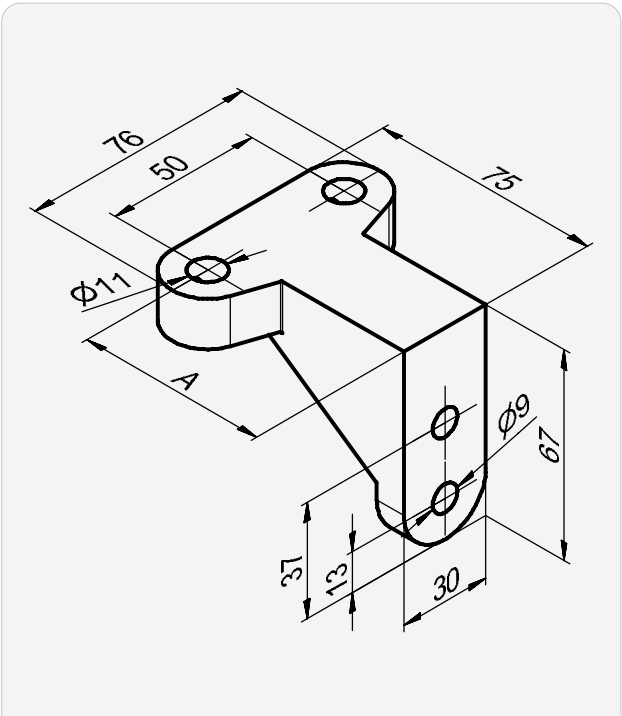
62

►► Guide cable fastenings

DS Facade installation



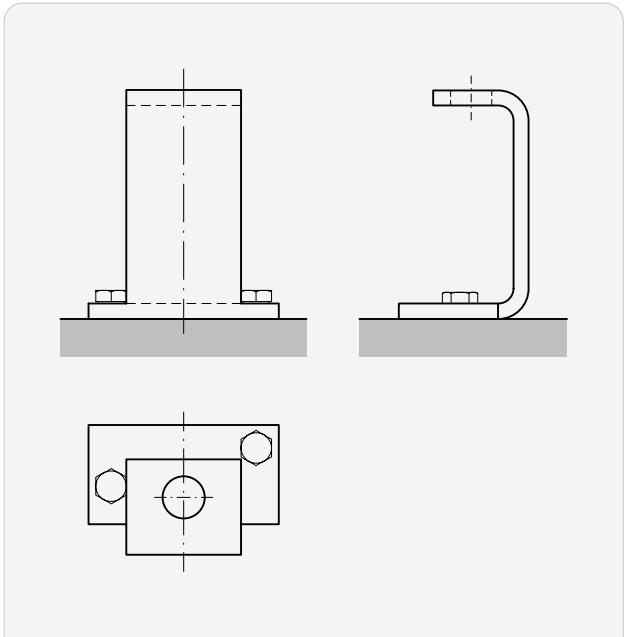
Double tensioning bracket for type DS



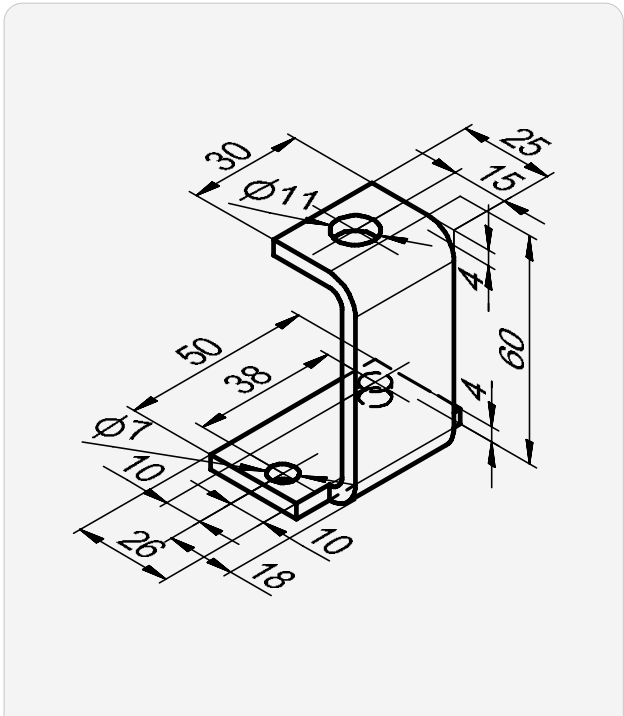
A

62

NU Windowsill installation



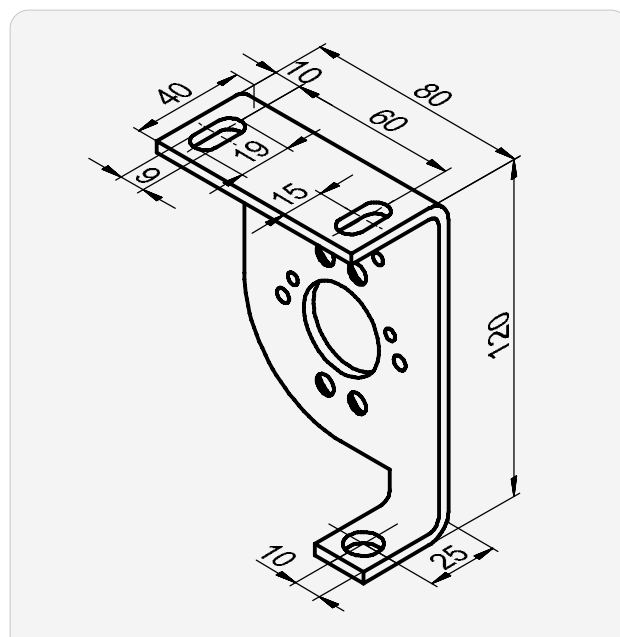
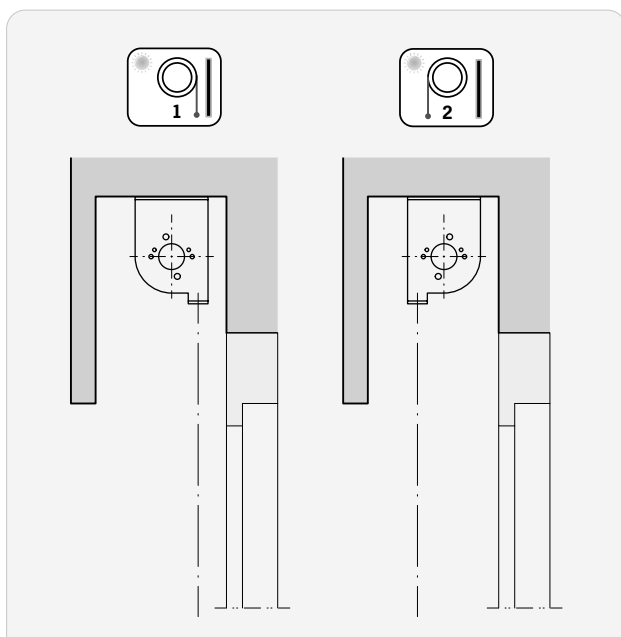
Tensioning bracket for type NU



Bearing fastenings

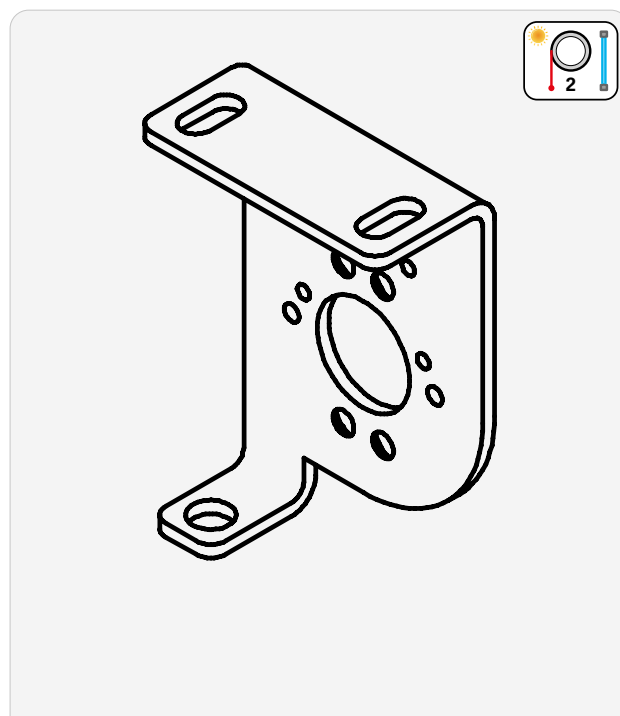
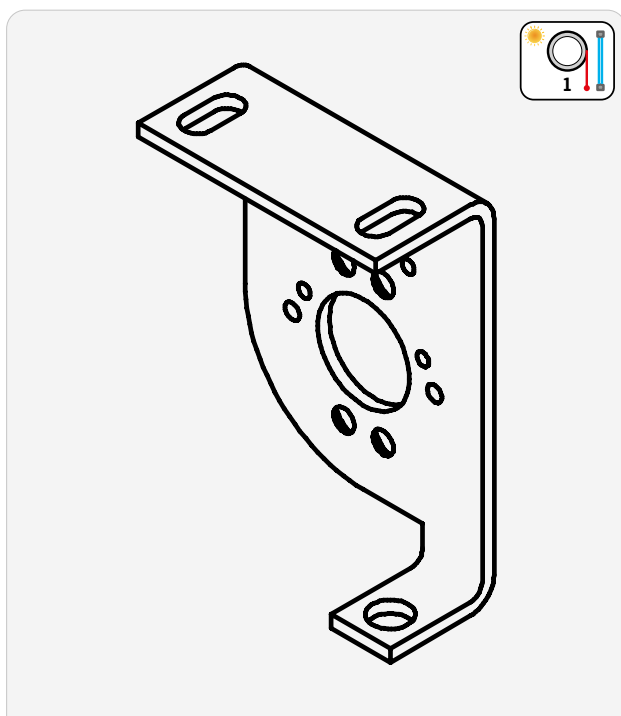
At top

NO



Sheet metal support right for type NO

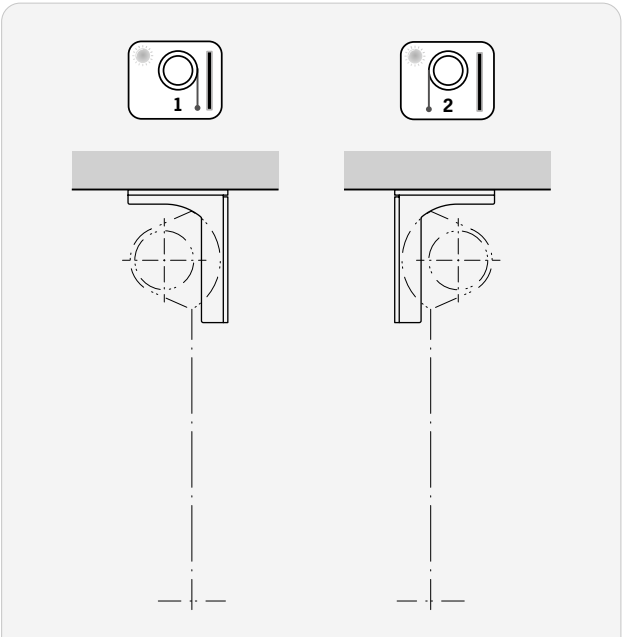
Sheet metal support right for type NO



►► Bearing fastenings

At top | Designer bearing

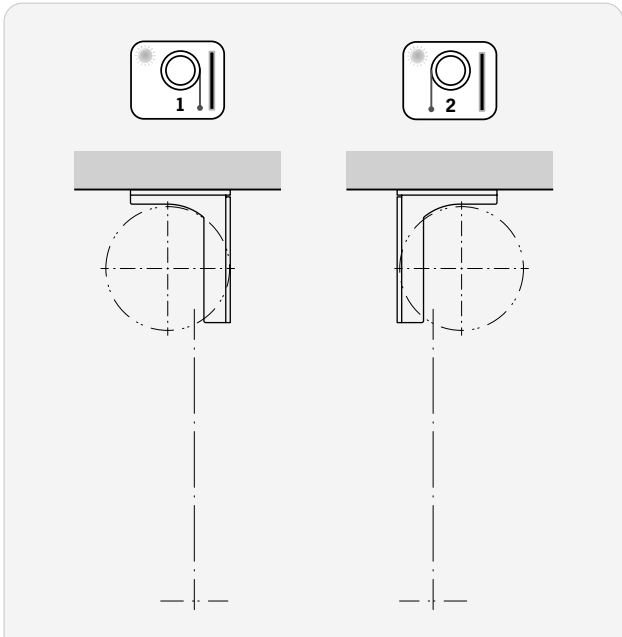
NO



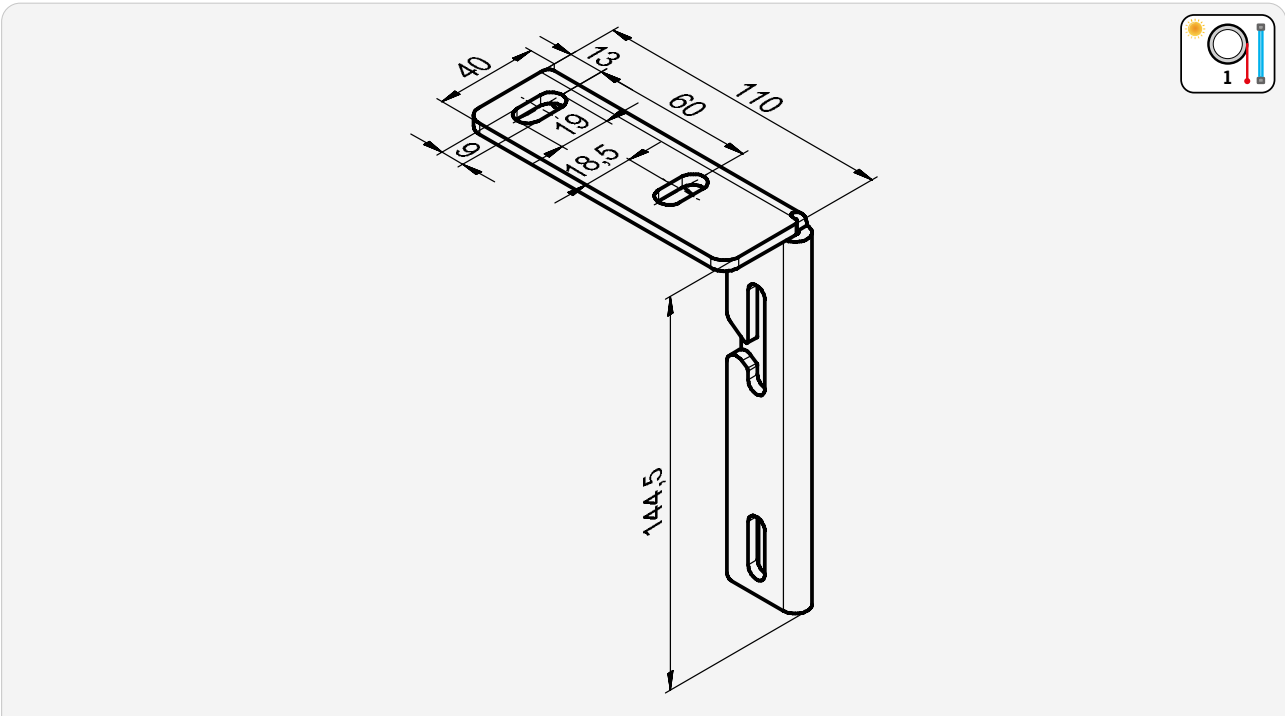
At top | Designer bearing

Box

NO



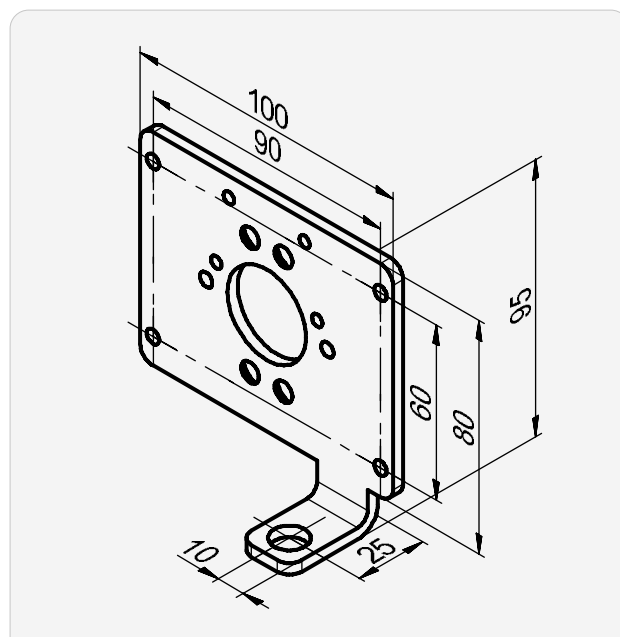
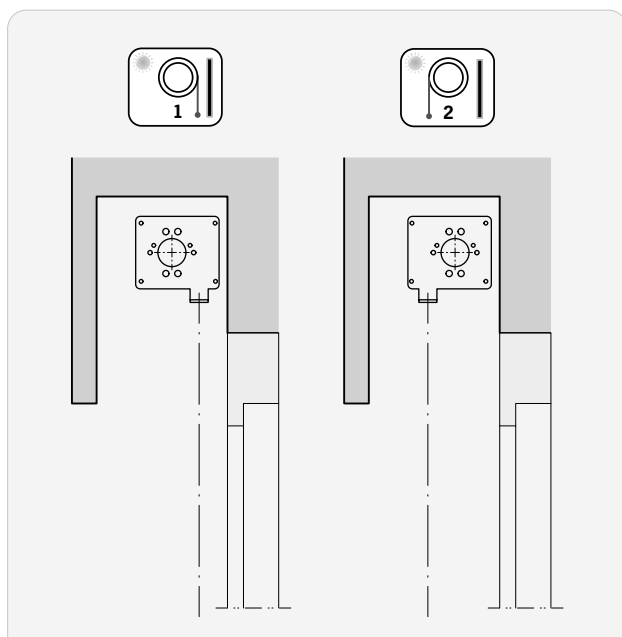
Installation clip right for type NO



►► Bearing fastenings

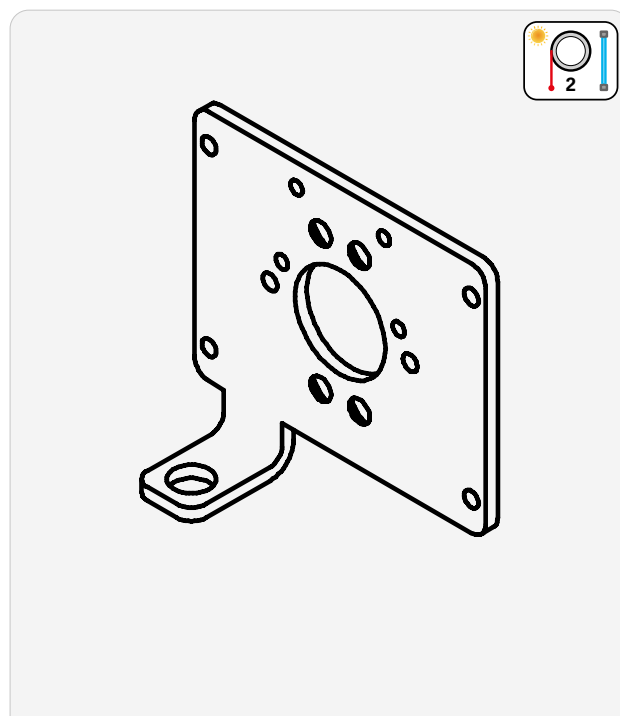
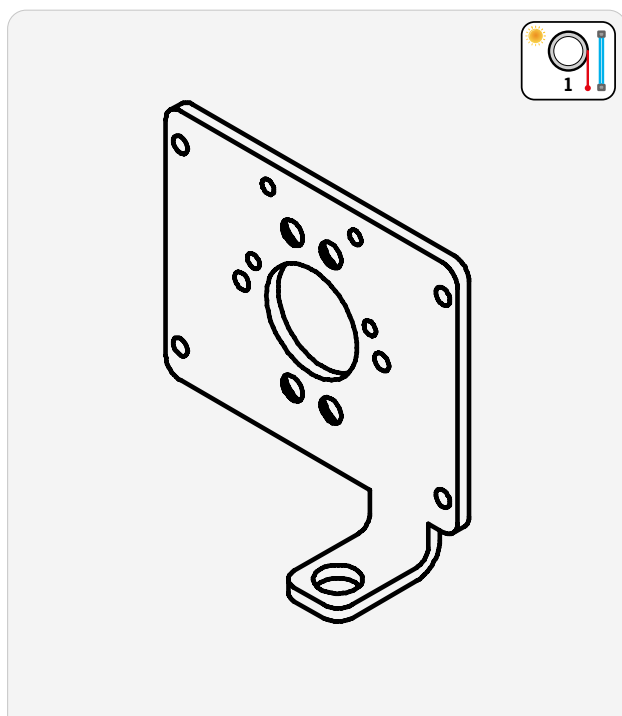
At side

NS



Sheet metal support right for type NS

Sheet metal support right for type NS



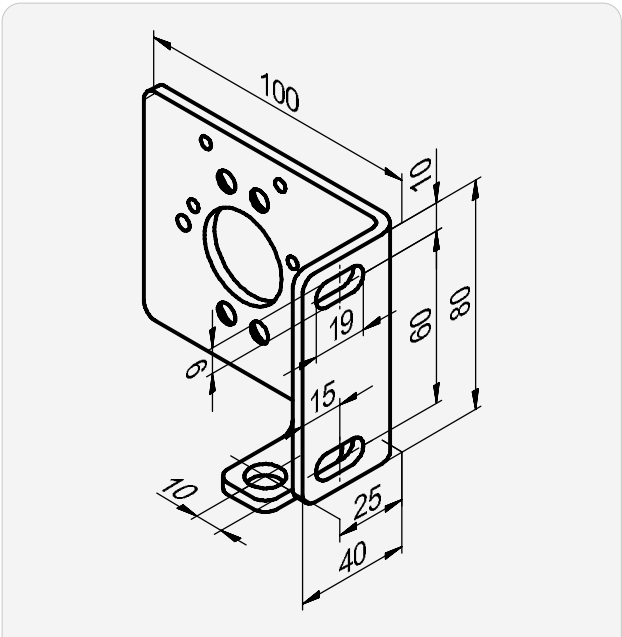
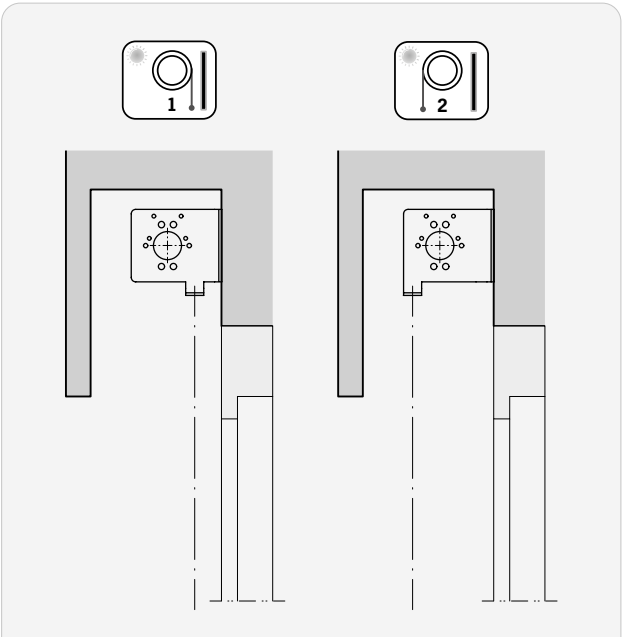
i Increase gap at side

i Increase gap at side

►► Bearing fastenings

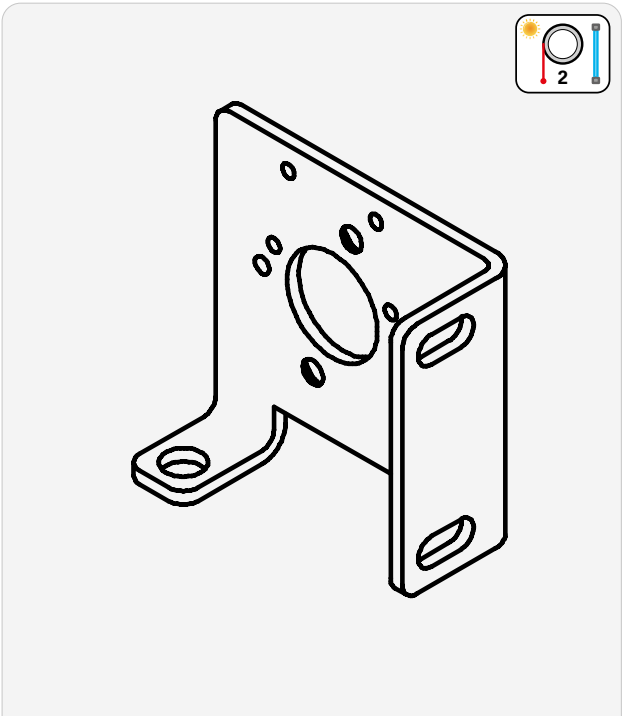
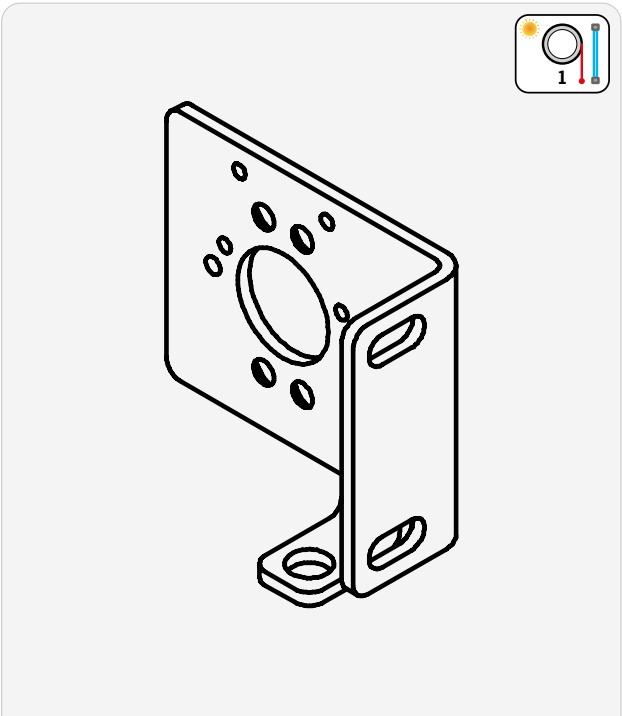
At back | Fix

NHf



Sheet metal support right for type NHf

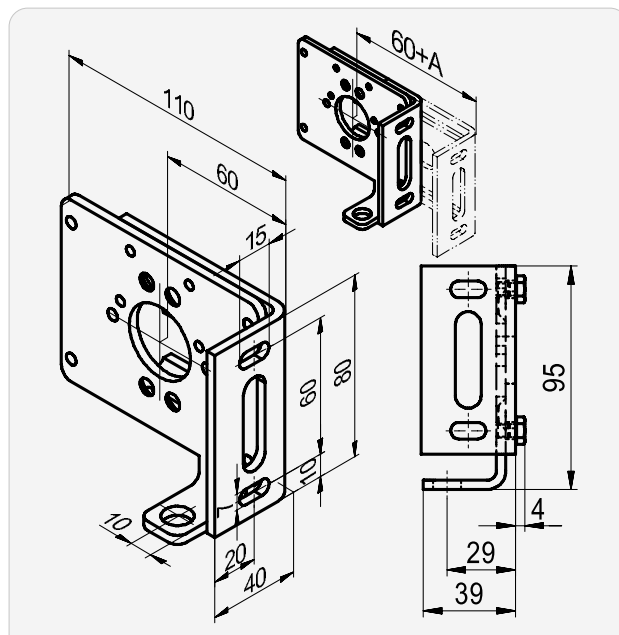
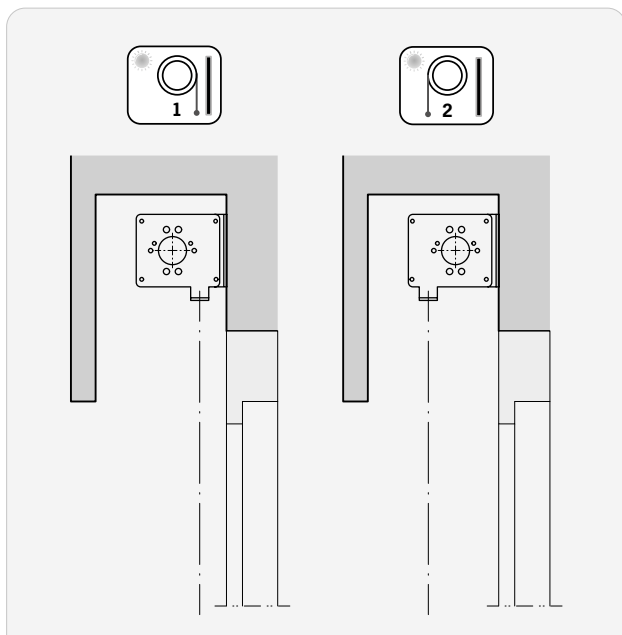
Sheet metal support right for type NHf



►► Bearing fastenings

At back | Adjustable

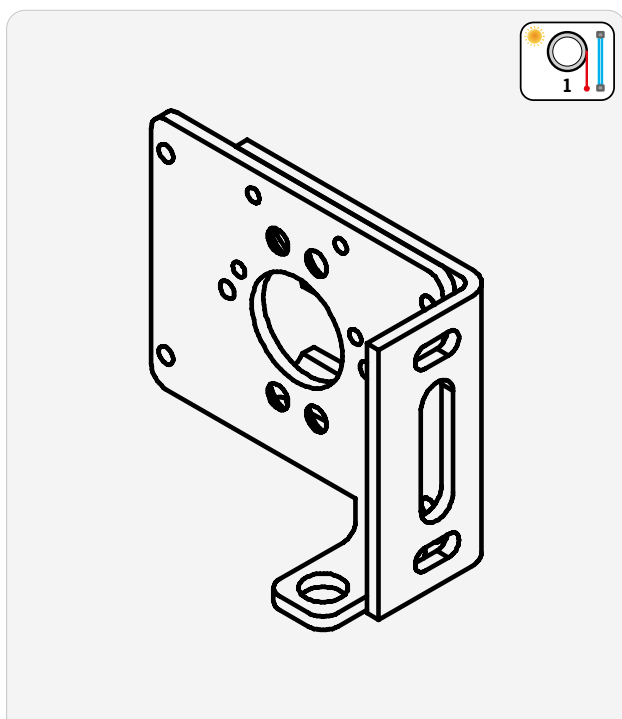
NHv



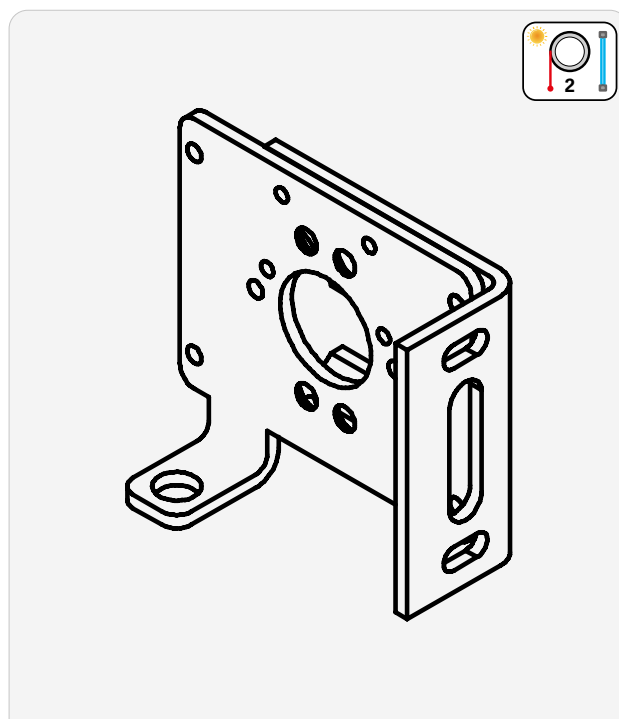
A

0 ... 50

Sheet metal support right for type NHv



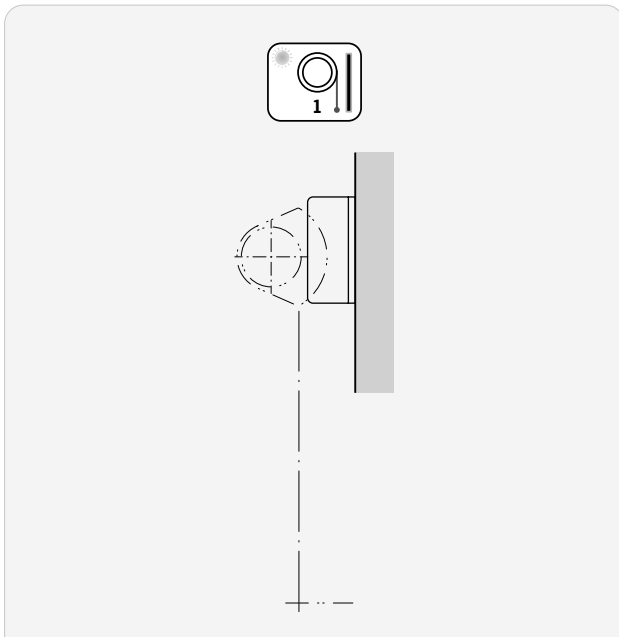
Sheet metal support right for type NHv



►► Bearing fastenings

At back | Designer bearing

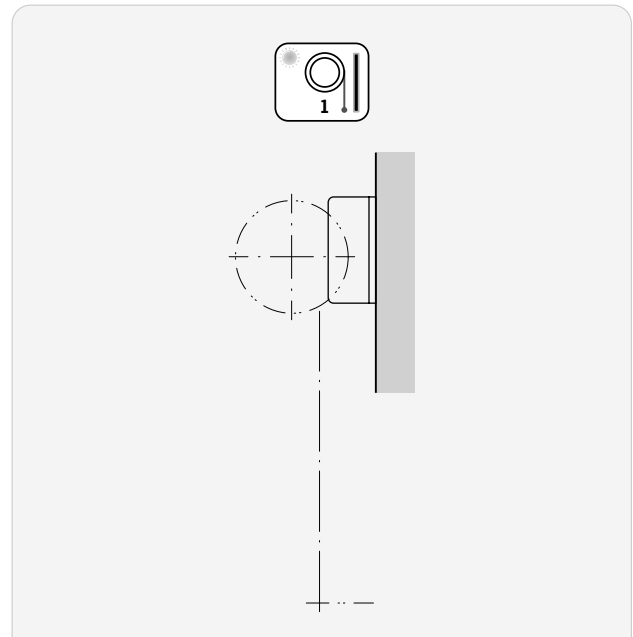
NH



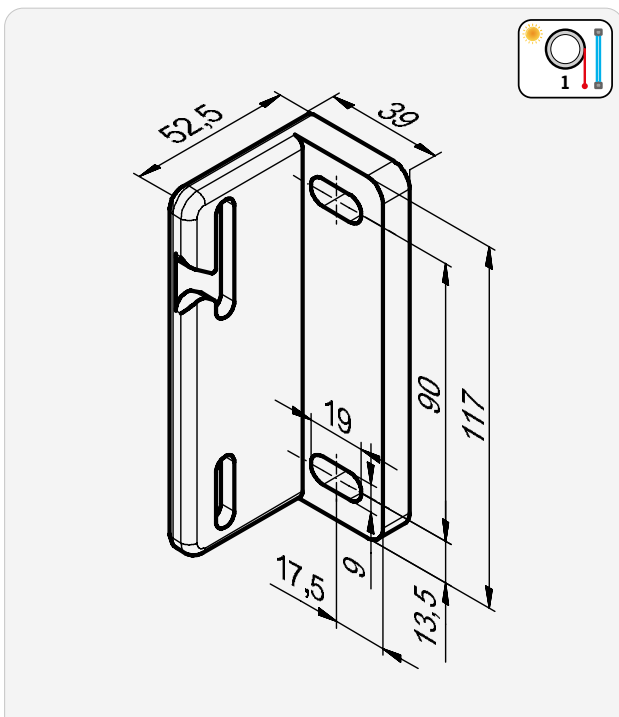
At back | Designer bearing

Box

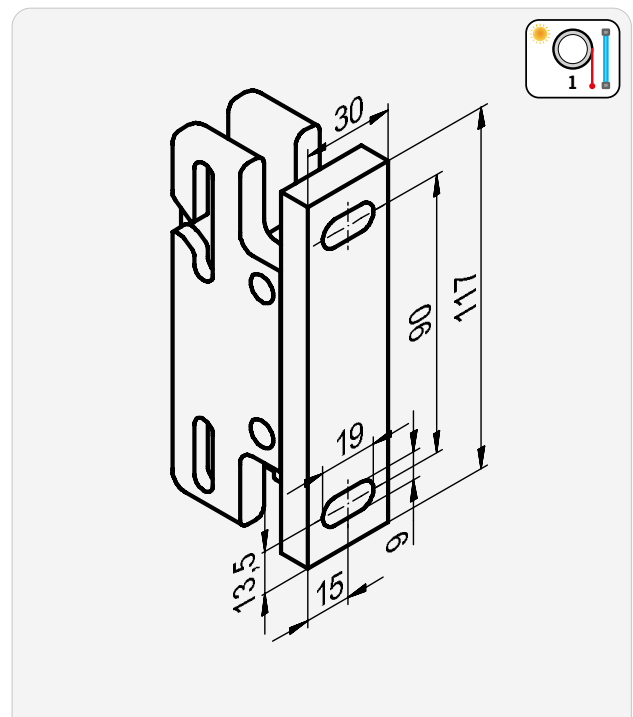
NH



Installation clip bearing right for type NH



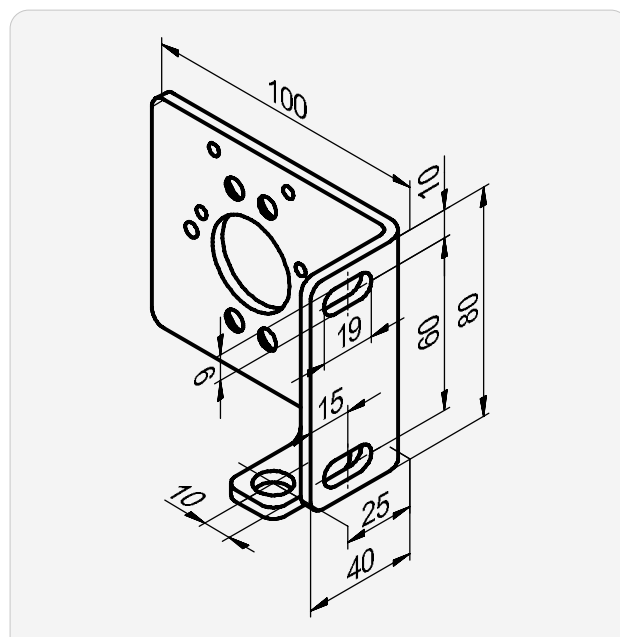
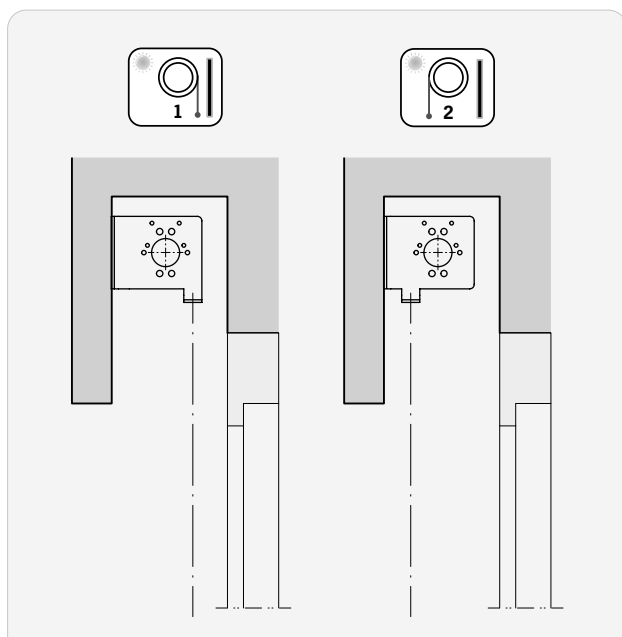
Double clip for type NH



►► Bearing fastenings

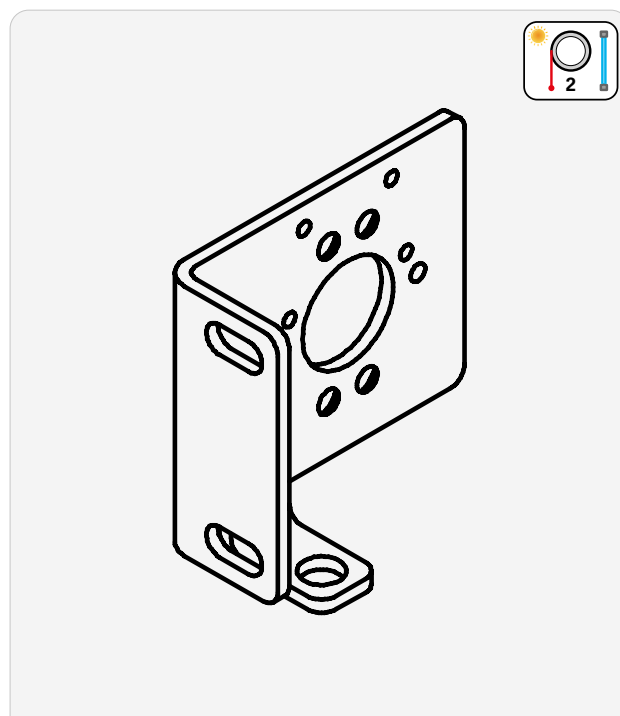
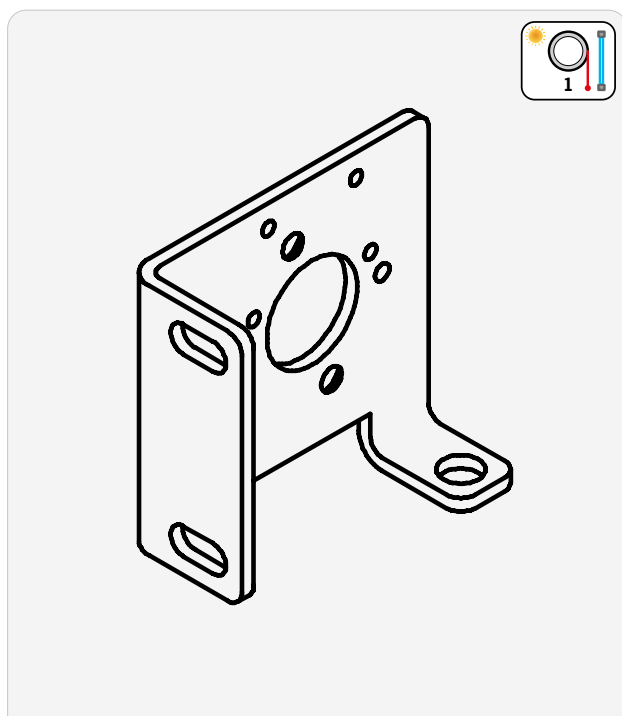
At front | Fix

NVf



Sheet metal support right for type NVf

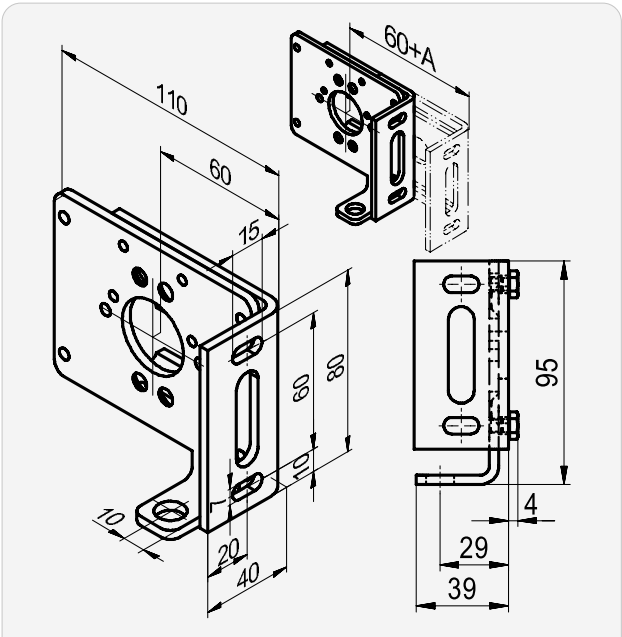
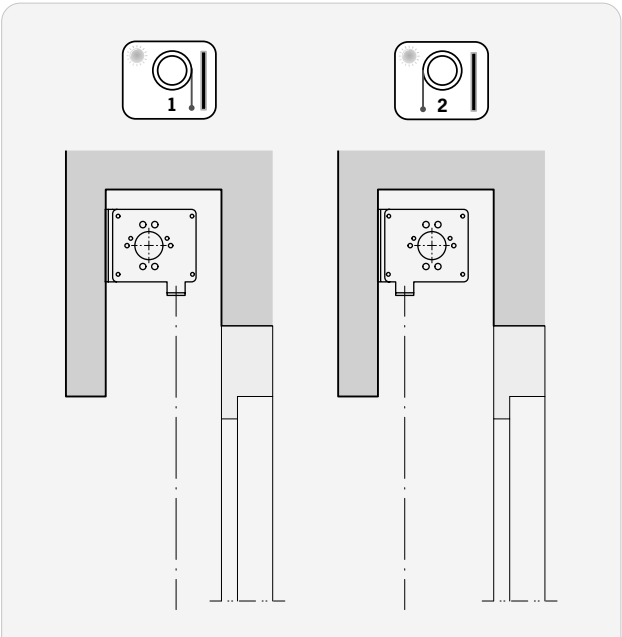
Sheet metal support right for type NVf



►► Bearing fastenings

At front | Adjustable

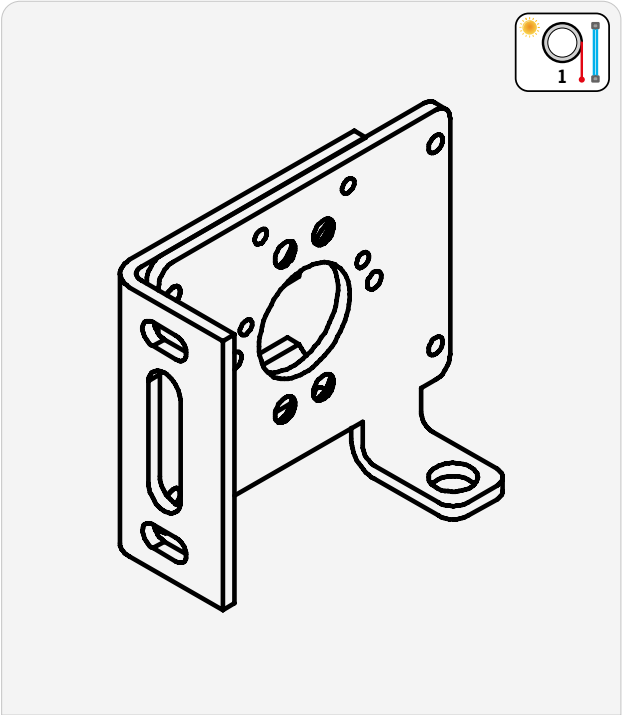
NVv



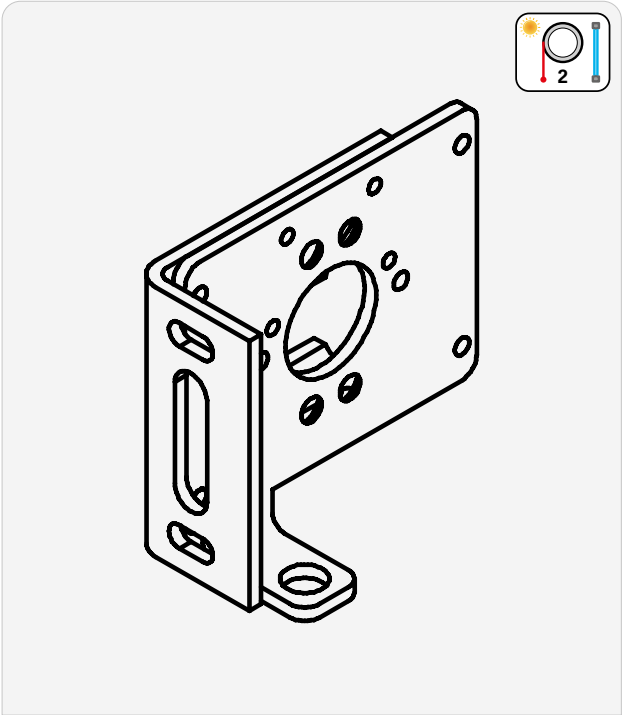
A

0 ... 50

Sheet metal support right for type NVv



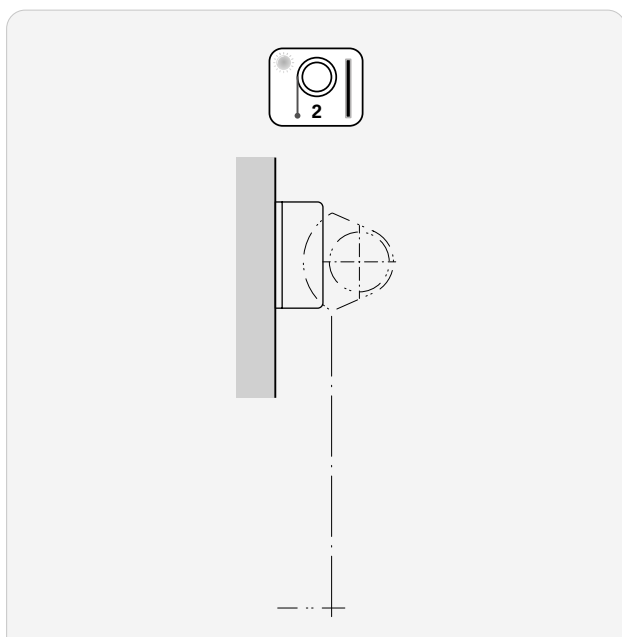
Sheet metal support right for type NVv



►► Bearing fastenings

At front | Designer bearing

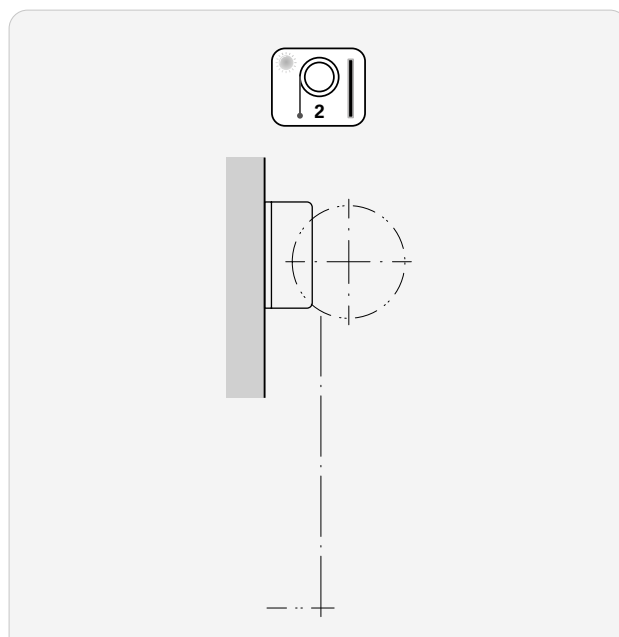
NV



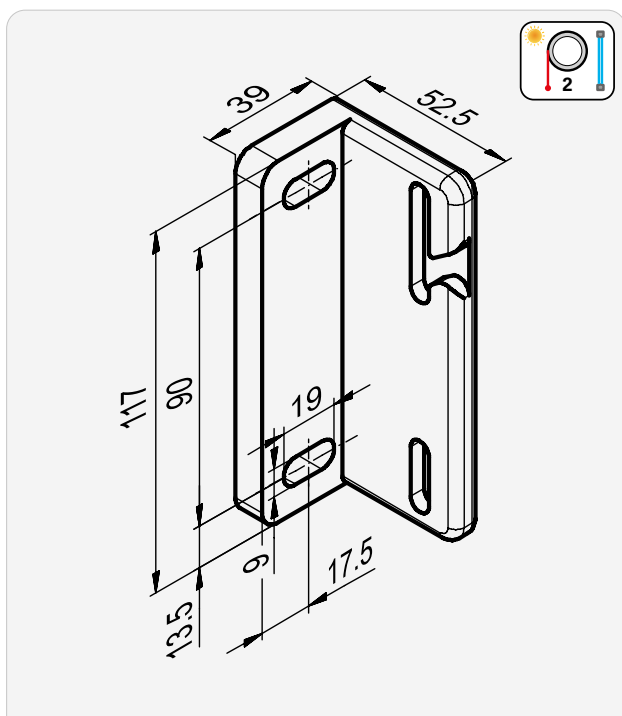
At front | Designer bearing

Box

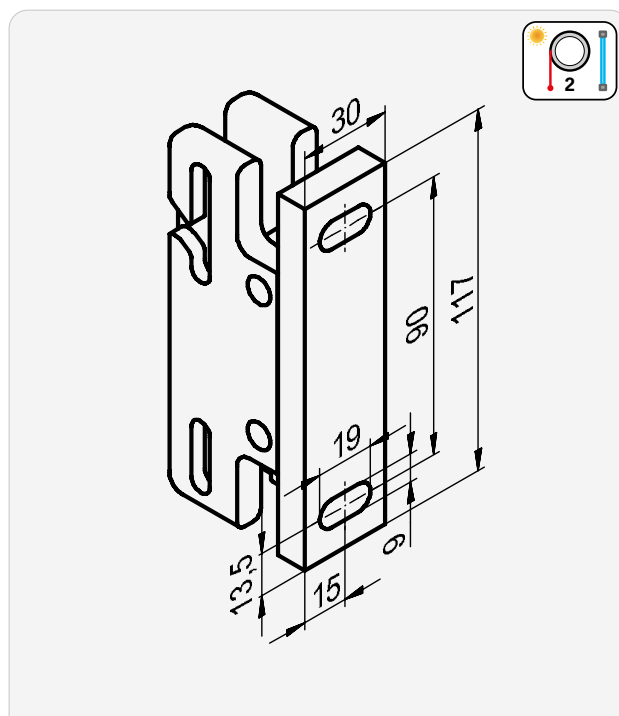
NV



Installation clip bearing right for type NV



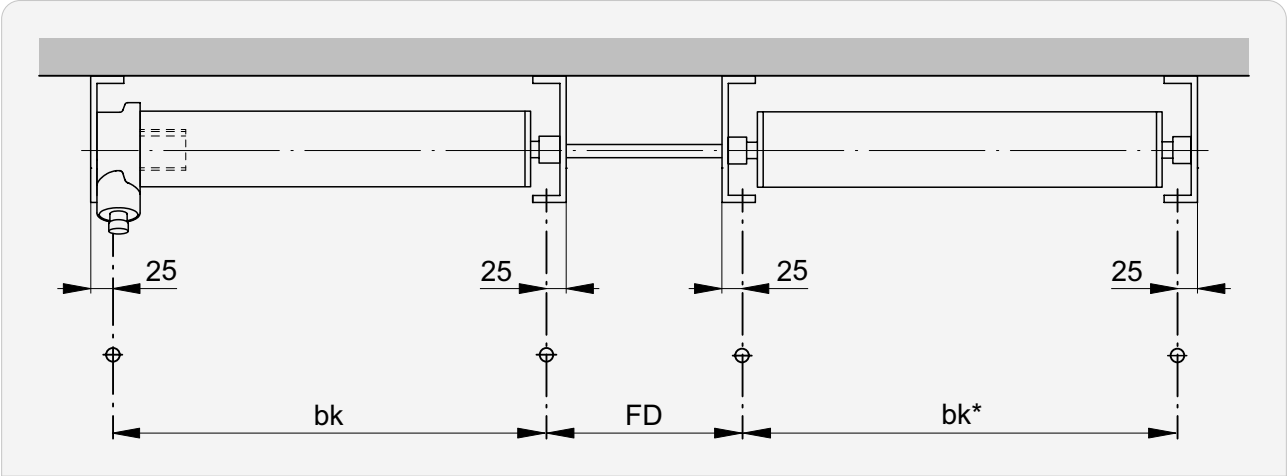
Double clip for type NV



Connected systems

With crank drive

Conventional

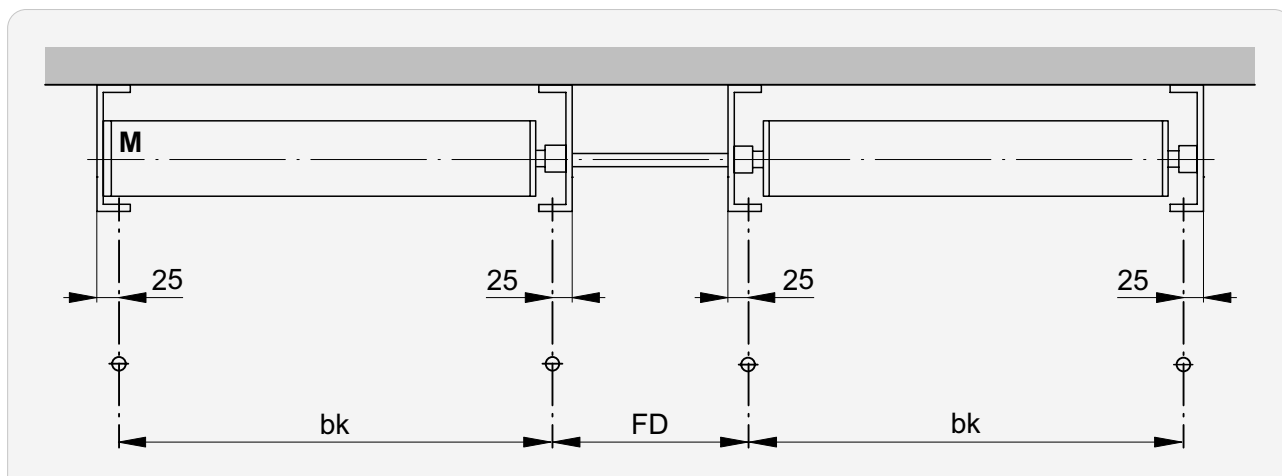


bk* min.	FD
400	50 ... 150

►► Connected systems

With motor drive

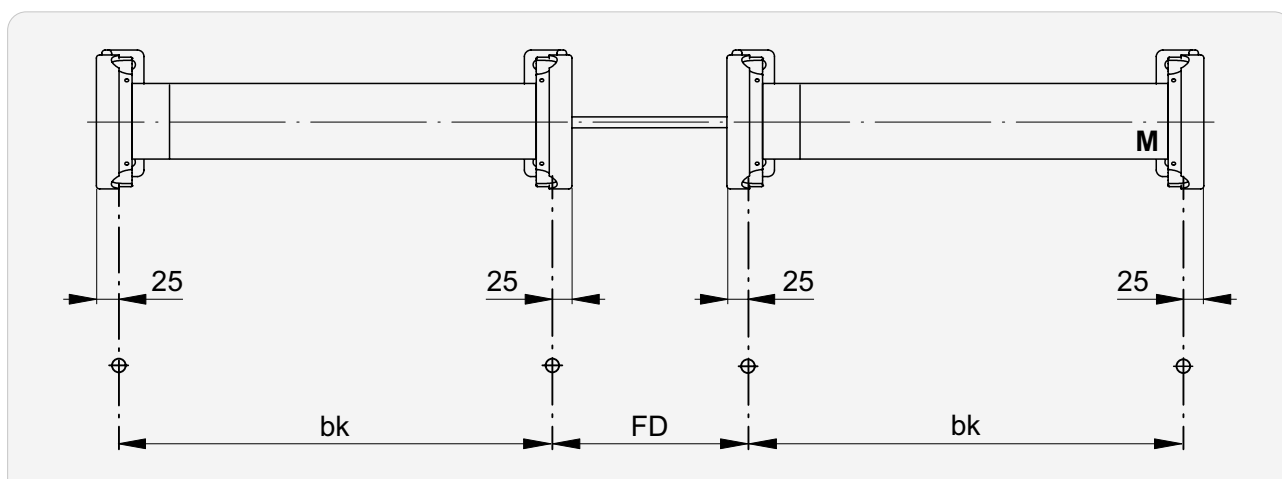
Conventional



FD

50 ... 150

Box



FD

50 ... 150



Galleria®

Limit dimensions Galleria®	92
Limit dimensions Galleria® Box	92
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Limit dimensions Galleria®

Single awning

Operation	Width min. (bk)	Width max. (bk)	Height min. (hl)	Height max. (hl)	Surface* max. [m²]
Crank drive	400	3500	1200	3315	8
Motor drive	800				

Connected systems

Operation	Width max. (bk)	Blinds max.	Surface* max. [m²]
Crank drive	6000	3	12
Motor drive	8000		18

Limit dimensions Galleria® Box

Single awning

Operation	Width min. (bk)	Width max. (bk)	Height min. (hl)	Height max. (hl)	Surface* max. [m²]
Crank drive	400	3500	1400	3500	8
Motor drive	800				

Connected systems

Operation	Width max. (bk)	Blinds max.	Surface* max. [m²]
Crank drive	6000	3	12
Motor drive	8000		18

* Ratio: **width / height** ≥ 1/3



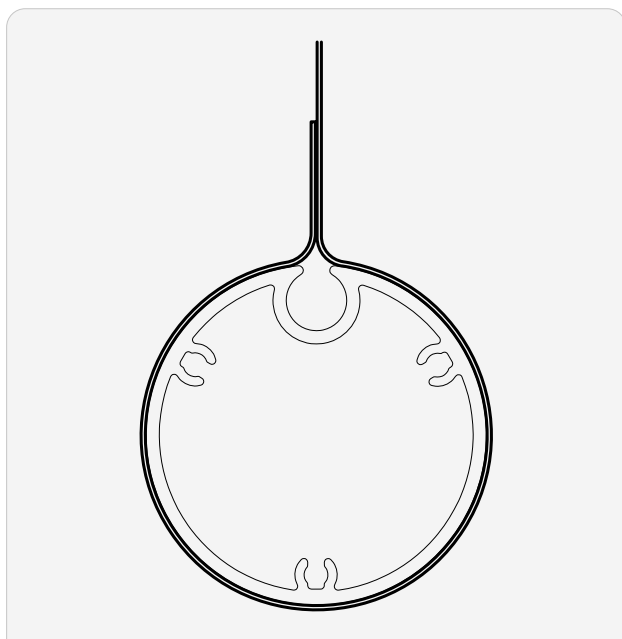
Box overhang: 0 ... 20 mm per side, from rear edge of guide rail.

Fabric deduction

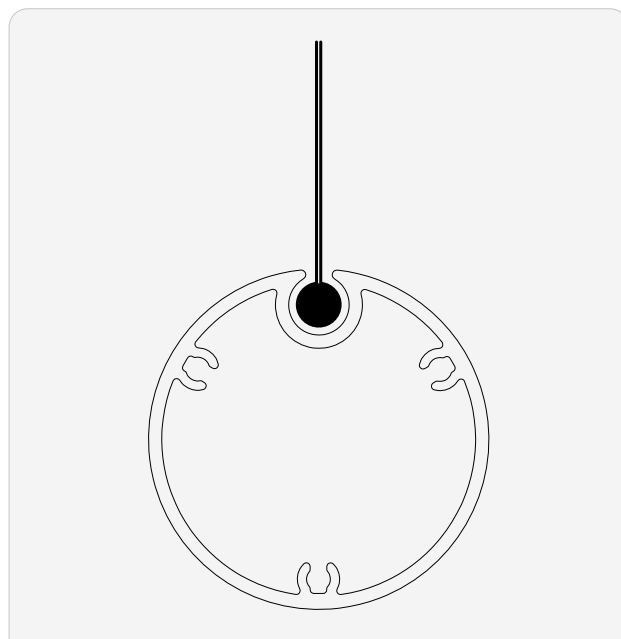
Operation	Galleria®		Galleria® Box	
	Drive side	Counter side	Drive side	Counter side
Crank drive	bk – 50	bk – 50	bk – 40	bk – 40
Motor drive				

Fabric hems

Type H80 | Hemstitch

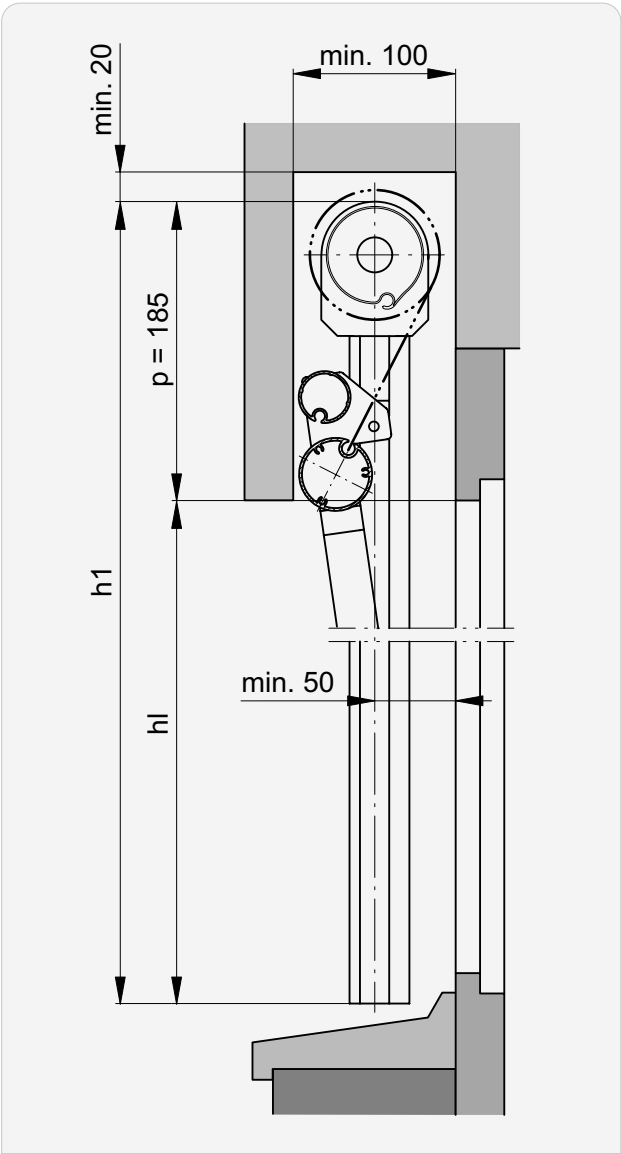


Type H25 | Hemstitch



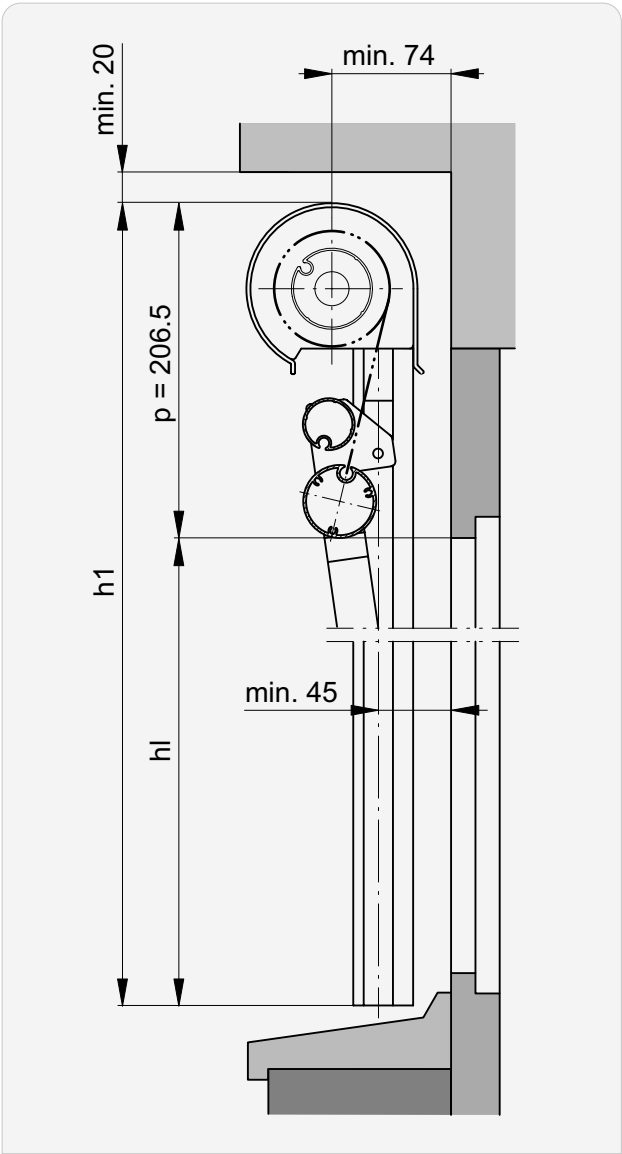
Built-in system

Vertical section



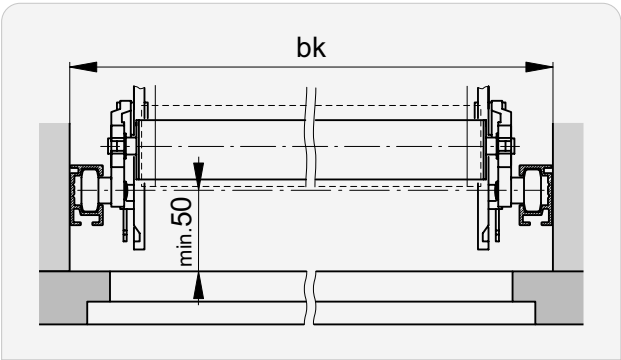
Symmetrical installation

Vertical section

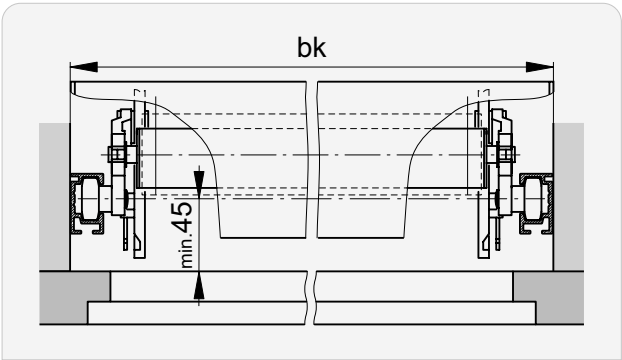


Asymmetrical installation

Horizontal section

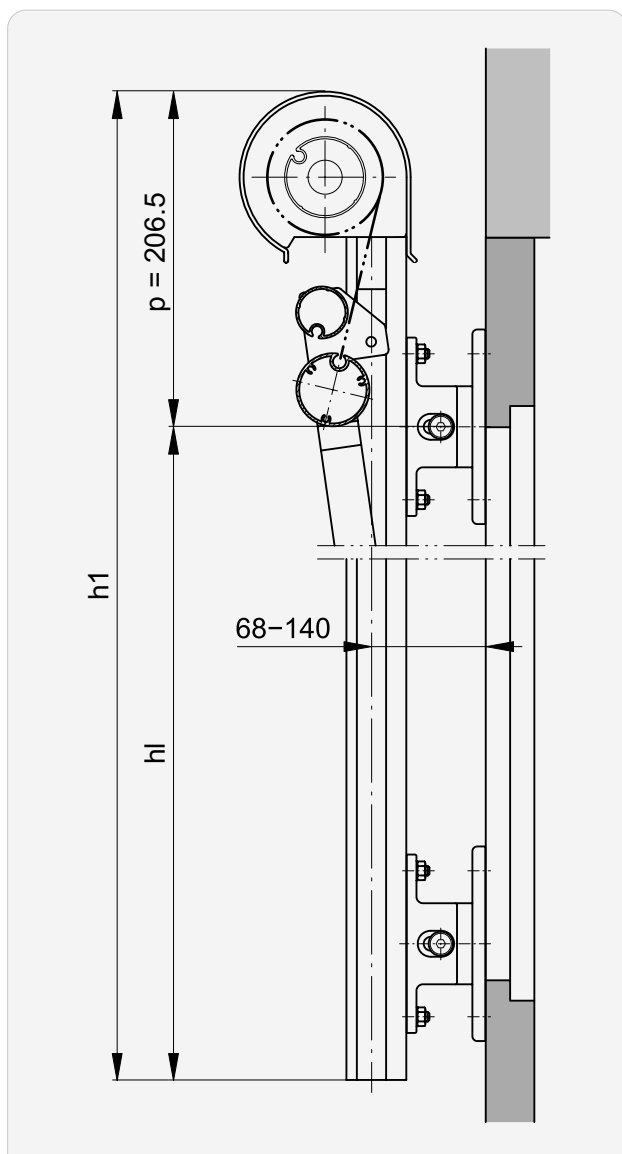


Horizontal section

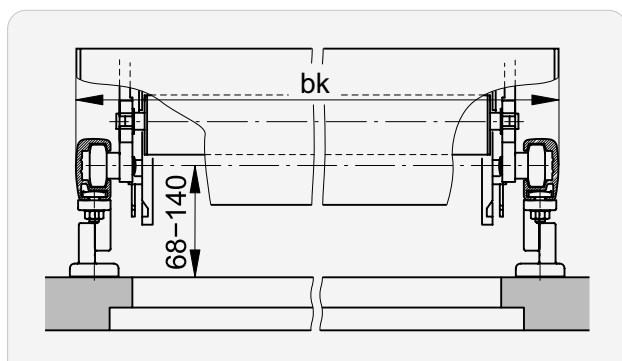


Installation system

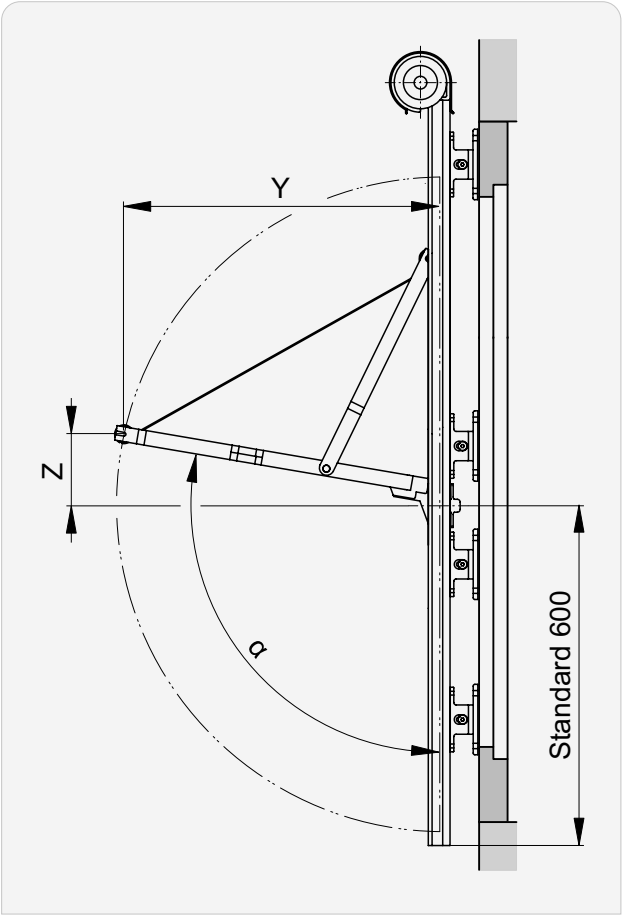
Vertical section



Horizontal section



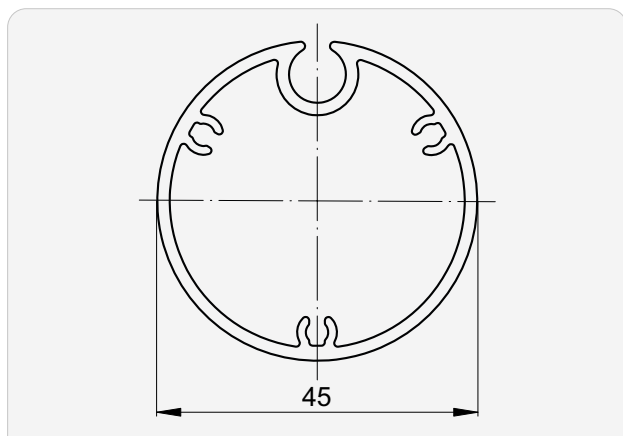
Sliding arms



AL	α	Y	Z
550	100°	542	96
	110°	517	188
	120°	476	275
	130°	389	389
	150°	275	476
	180°	0	550

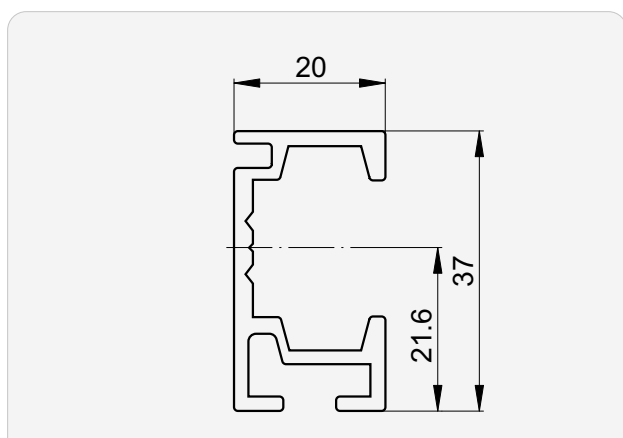
AL Length of arm

Bottom rail

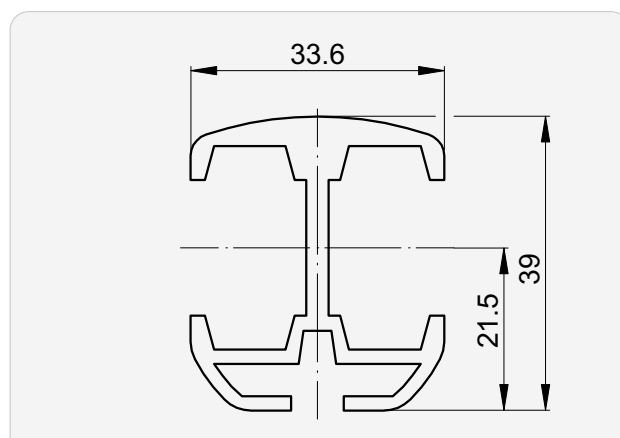


Guide rails

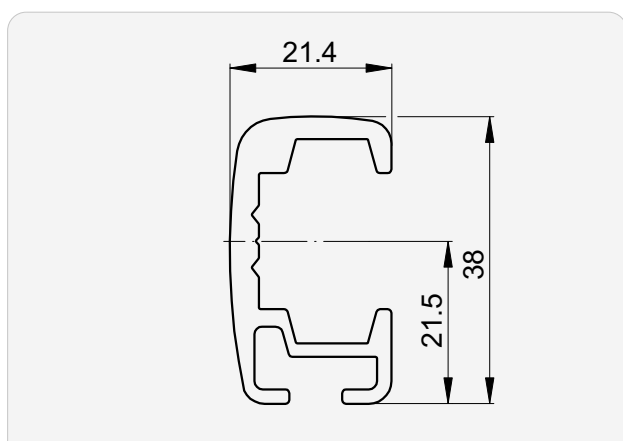
Type E | Square



Type D | Double guide



Type R | Circular

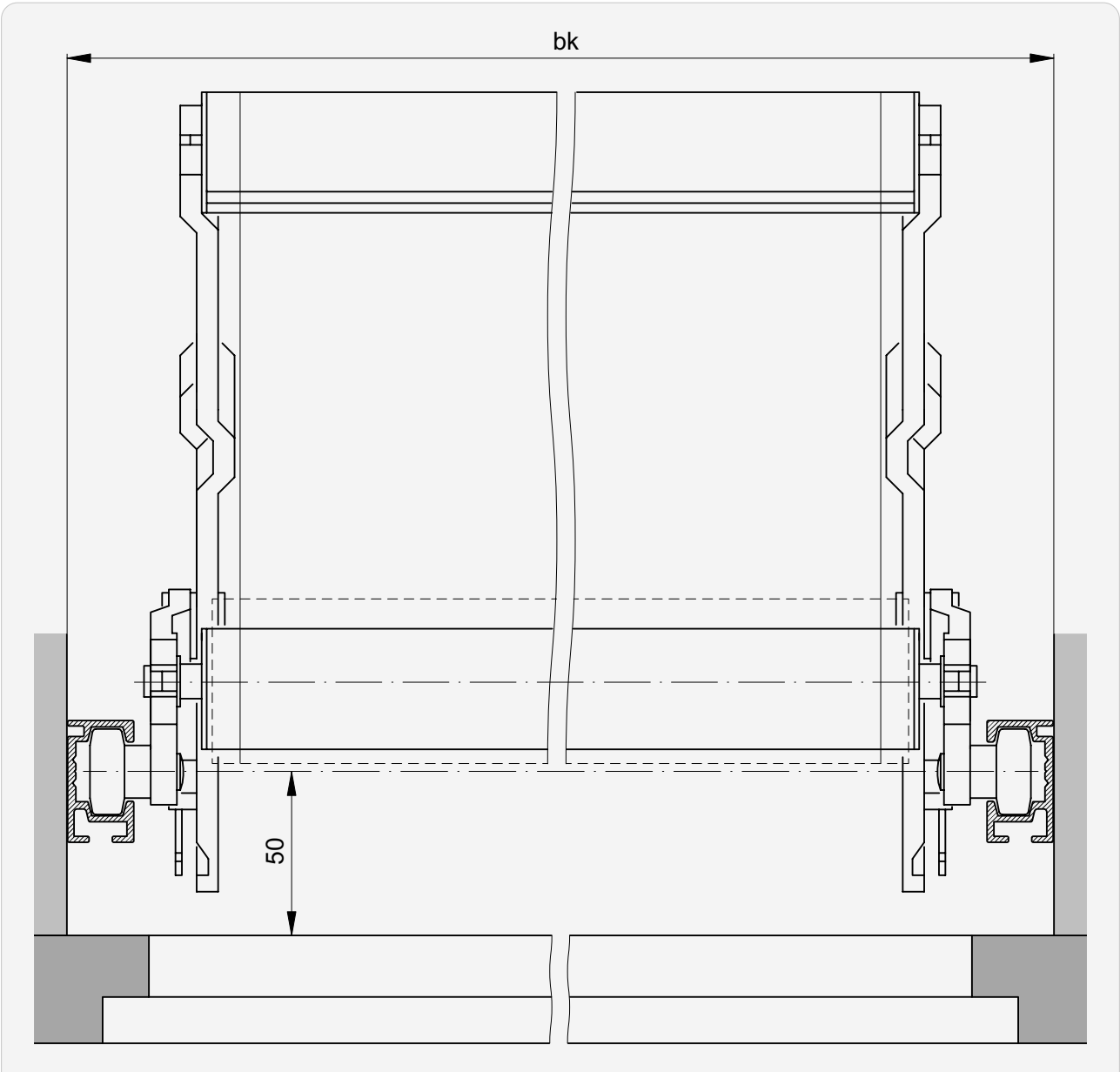


➤ Fastening points.....	110
➤ Guide extension and facet	108

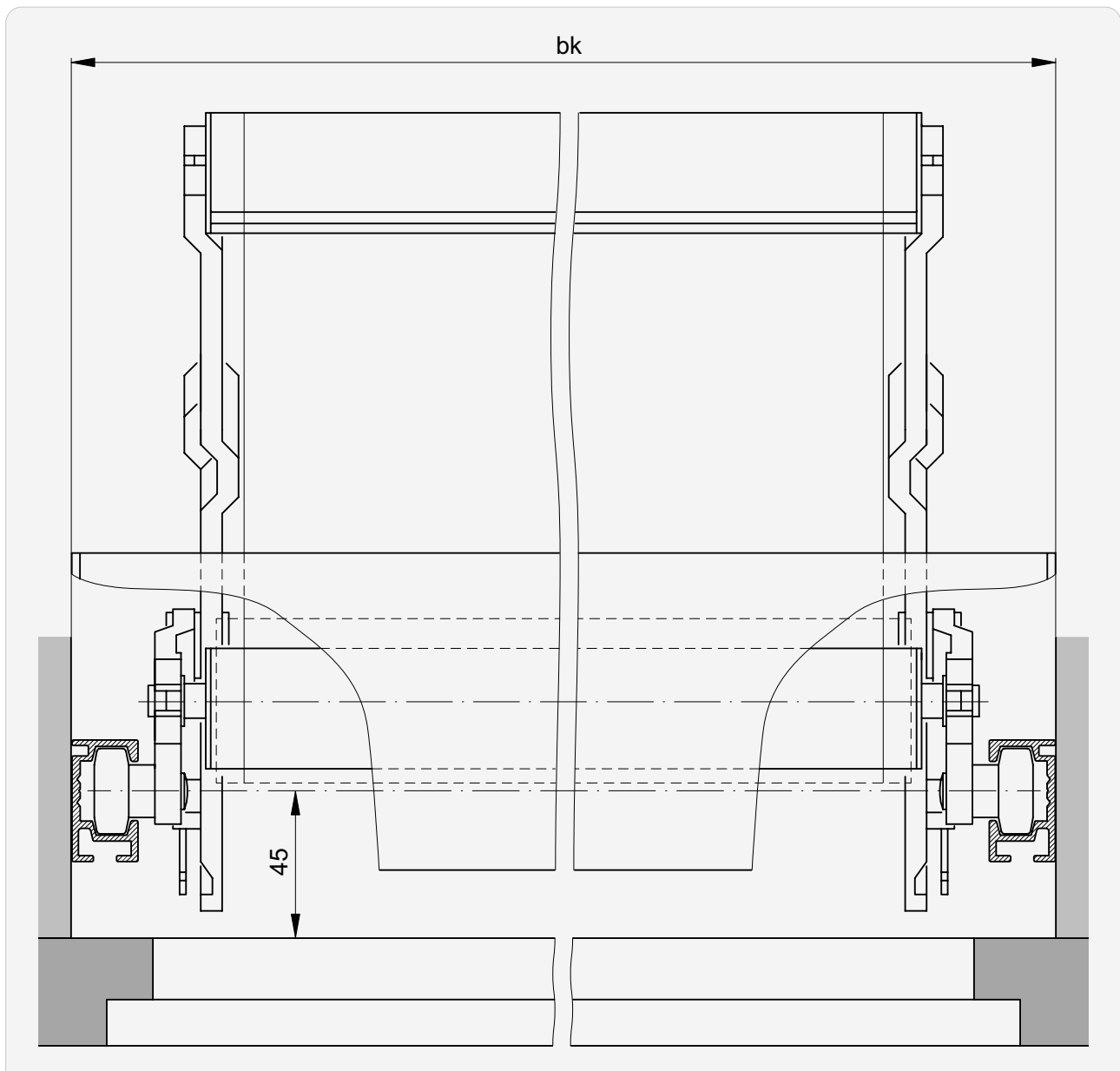
➤ Guide rail fastenings.....	102
------------------------------	-----

Sections | Details

Horizontal section: Built-in system



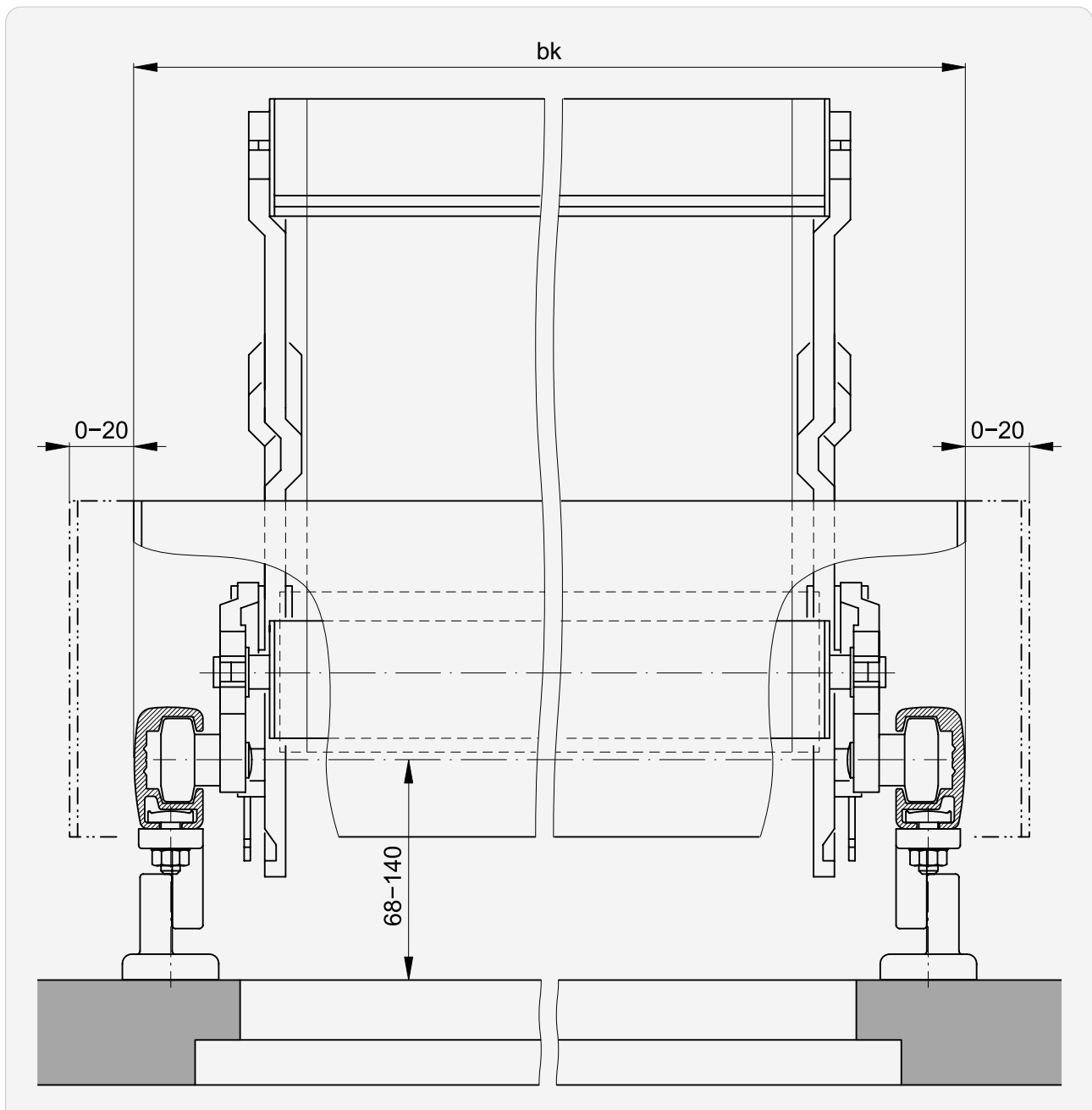
Symmetrical installation

►► Sections | Details**Horizontal section: Built-in system**

Asymmetrical installation

►► Sections | Details

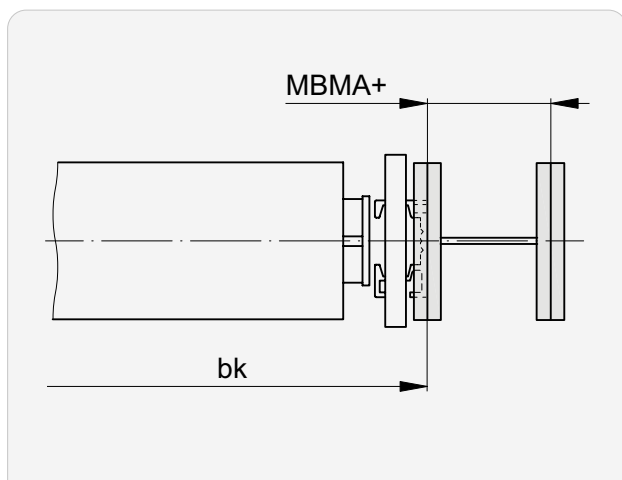
Horizontal section: Installation system



Box overhang: 0 ... 20 mm per side, from rear edge of guide rail.

Sections for crank drive (MBMA)

outside bk

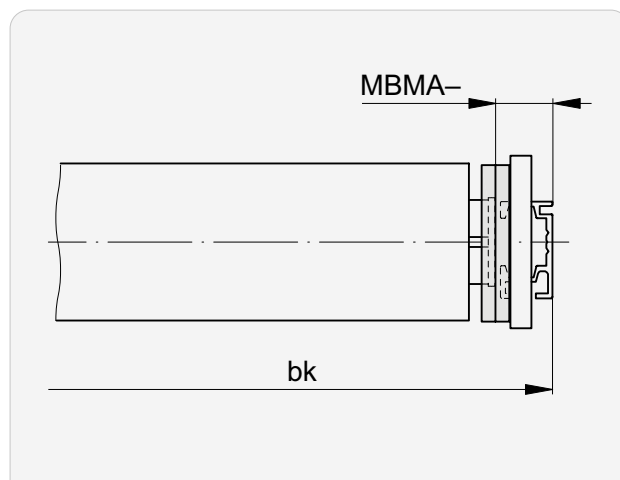


MBMA+¹

0 ... 120

¹ Provide required space

within bk



MBMA-

26

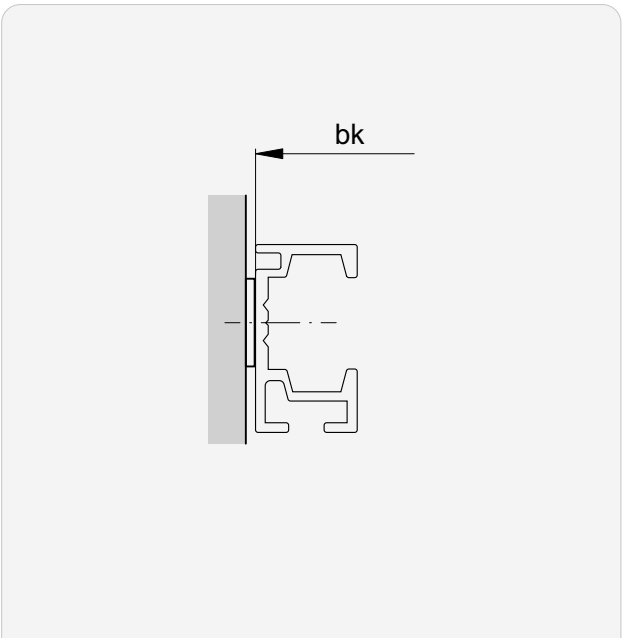
Guide rail fastenings (principle)

Overview

Type											
A	B	Bd	C	Cd	E	F	G	H	I	T	V
○¹	○¹	○¹	○¹	○¹	○¹	○¹	–	●	–	○¹	○¹

- applicable without restrictions
- applicable with restrictions
 - ¹only with guide **type E | Square**

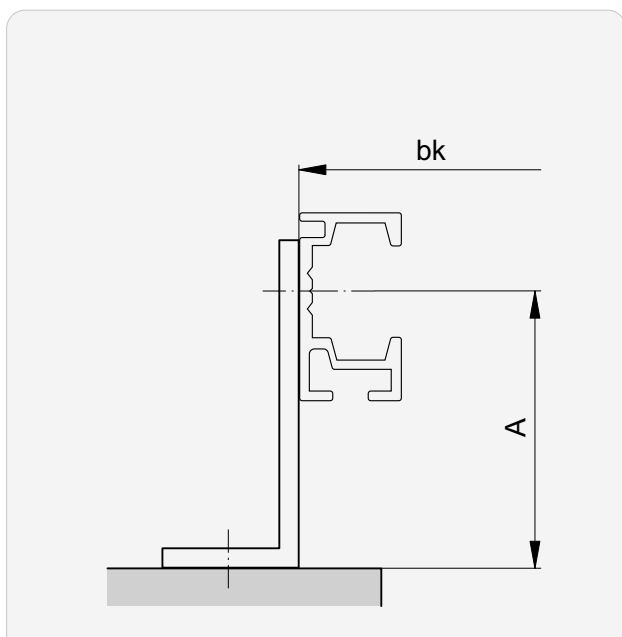
A Soffit installation



i Observe possible guide rail spacer for **bk**.
Standard: 2 mm

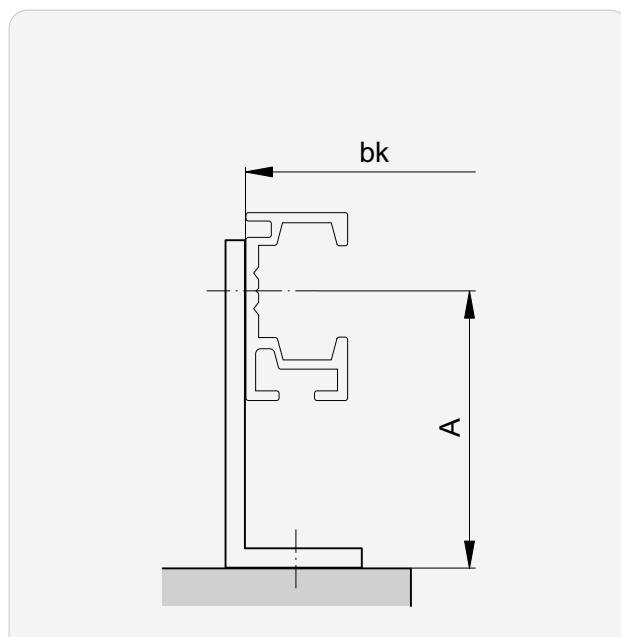
►► Guide rail fastenings (principle)

B Installation with fastening bracket



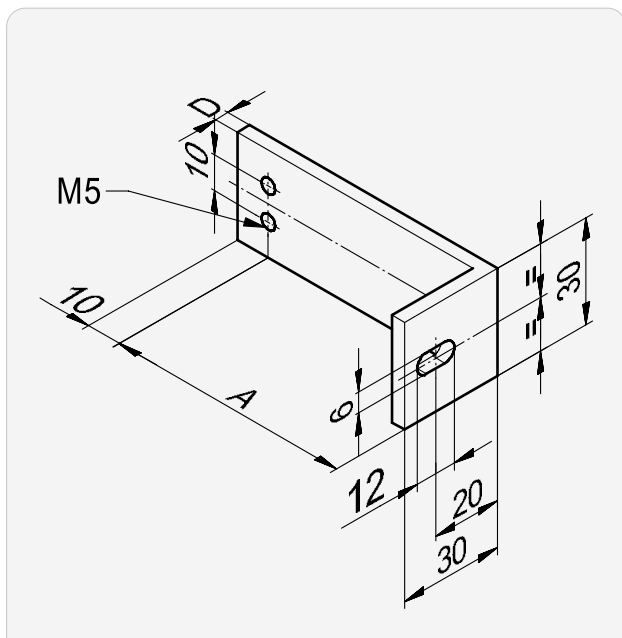
Bracket outwards

C Installation with fastening bracket



Bracket inwards

Fastening bracket for type B and C



A*

20 ... 115

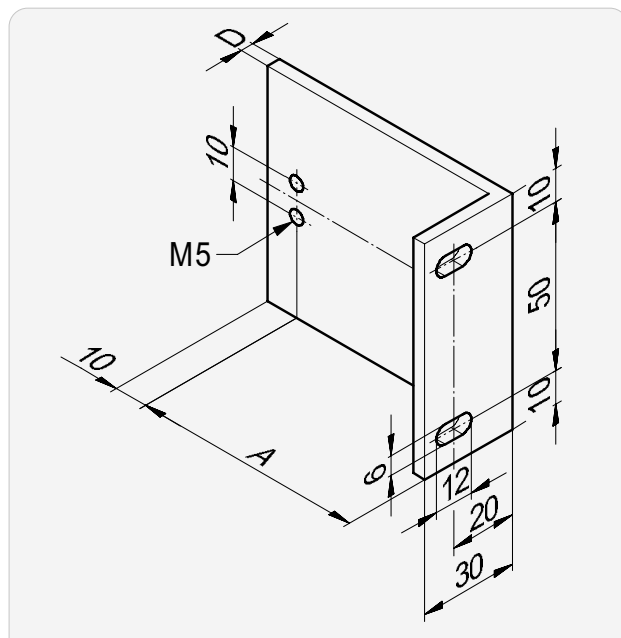
D

4

i For suspended guide rails always with **brackets 70 mm**.

* in 5 mm steps

Fastening bracket 70 mm for type B and C



A*

20 ... 115

D

4

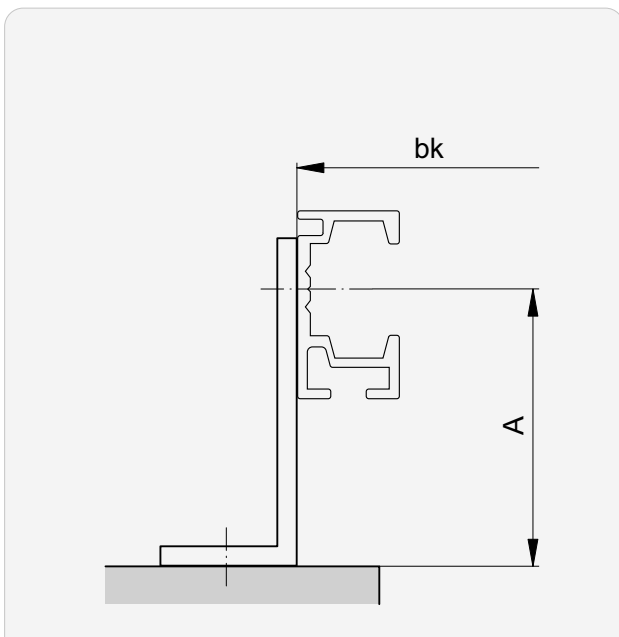
120 ... 215

5

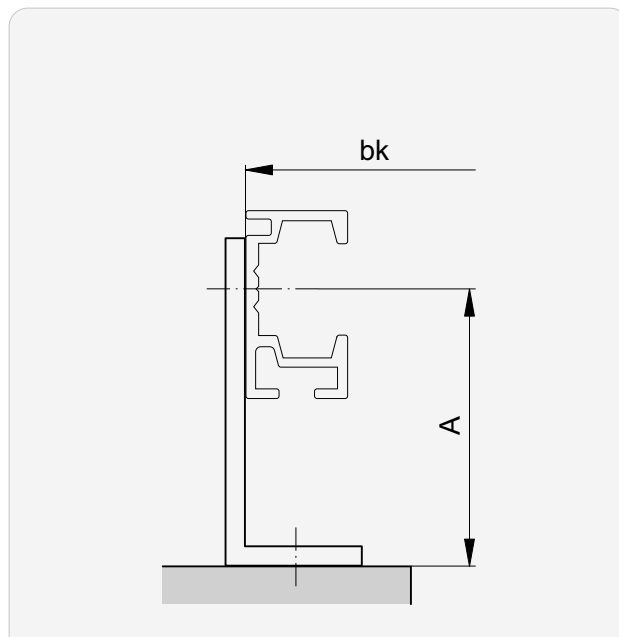
i If the **projection is ≥ 120** , all products are fastened with a **70 mm bracket**.

►► Guide rail fastenings (principle)

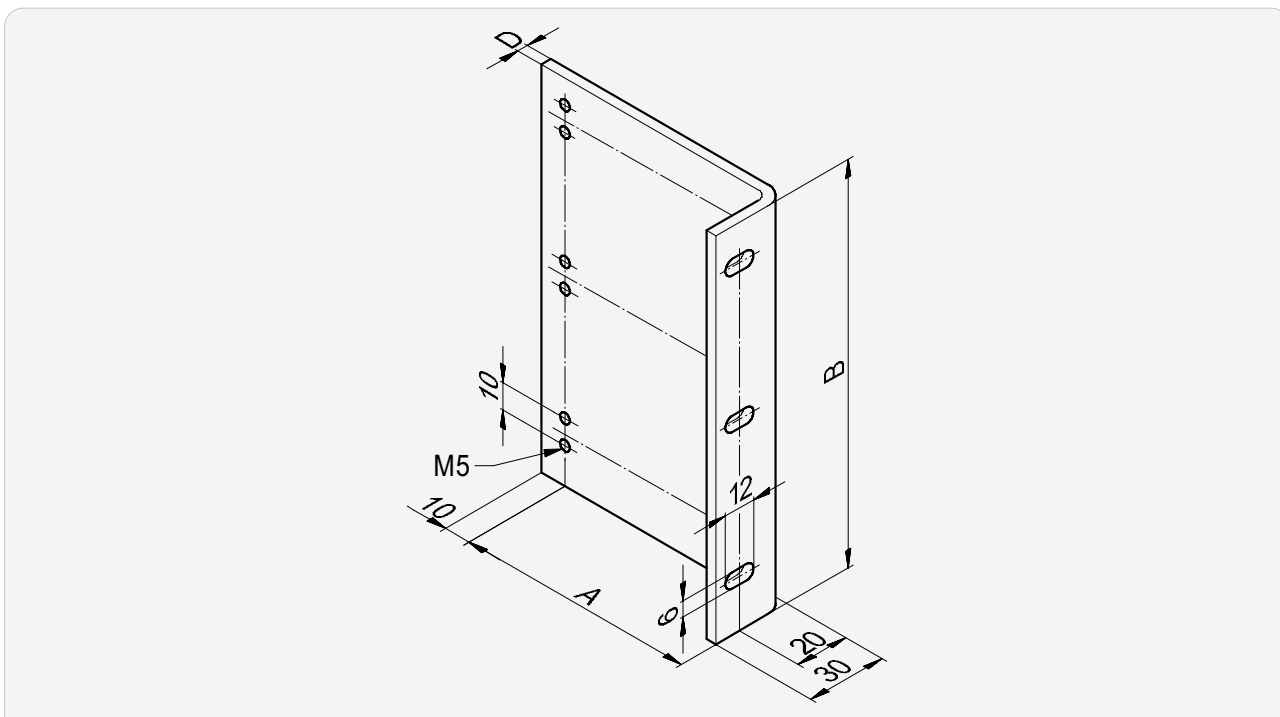
Bd Installation with continuous fastening bracket



Cd Installation with continuous fastening bracket



Constant fastening bracket for type Bd and Cd



A*

20...300

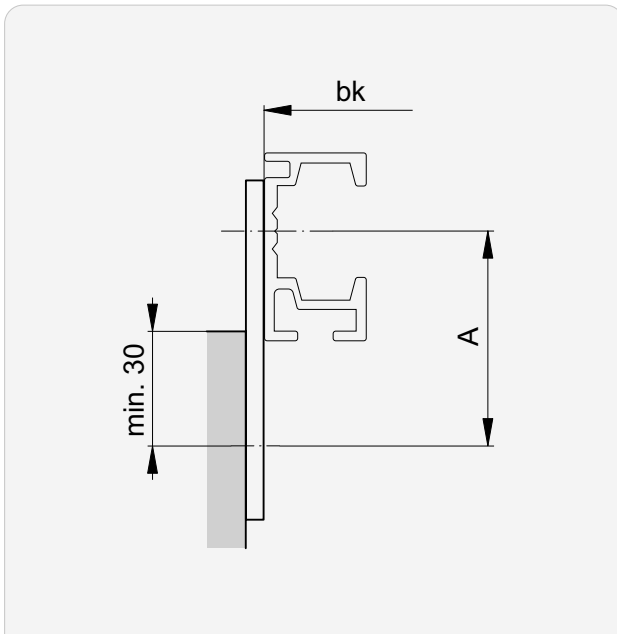
D

always 4

* in 5 mm steps

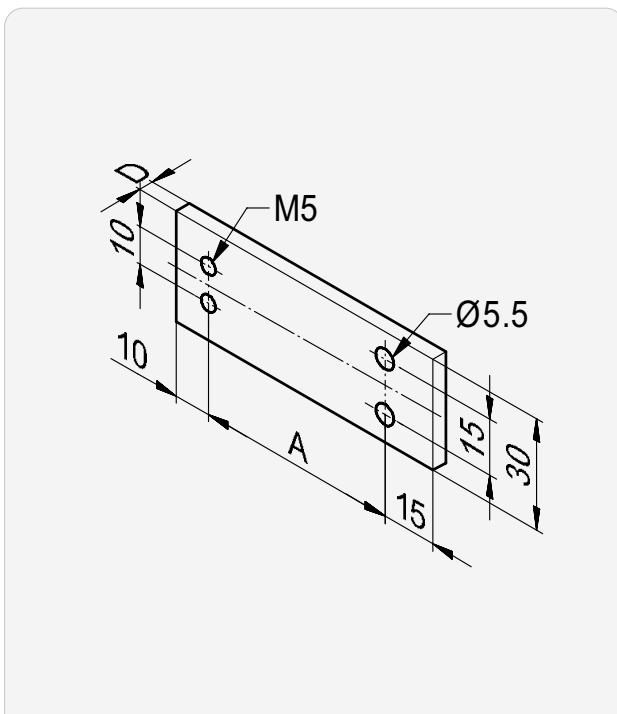
►► Guide rail fastenings (principle)

E | F Installation with fastening lug



inwards / outwards

Fastening lug for type E | F

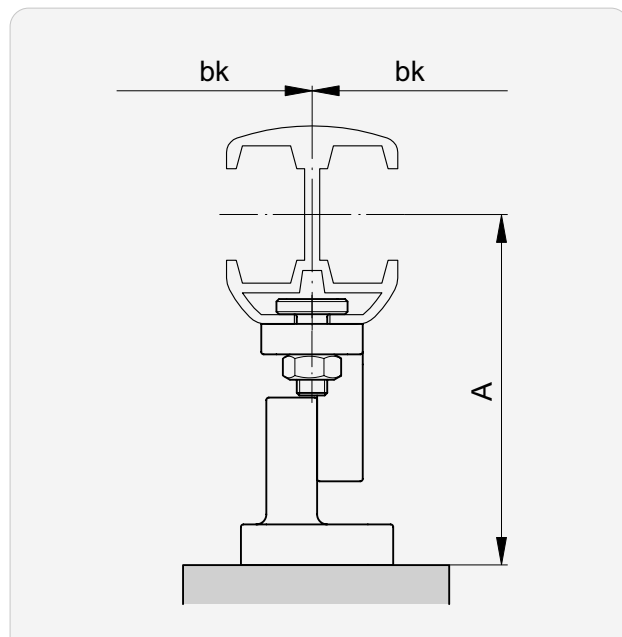
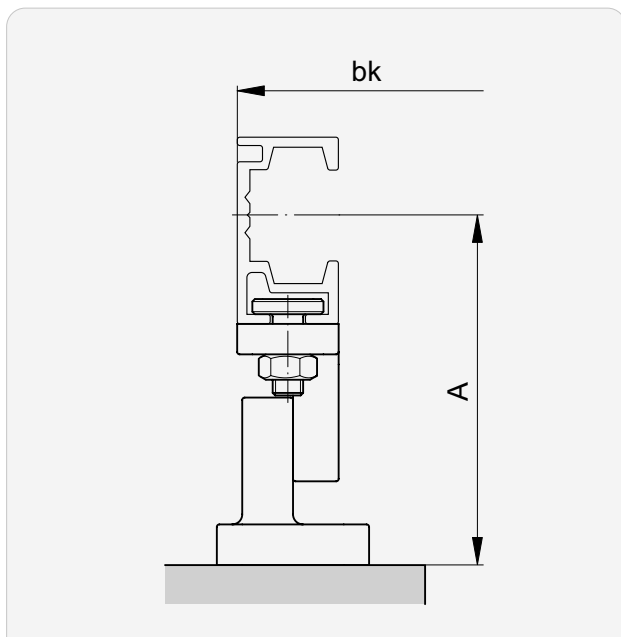


A*	D
50 ... 115	4
120 ... 125	5

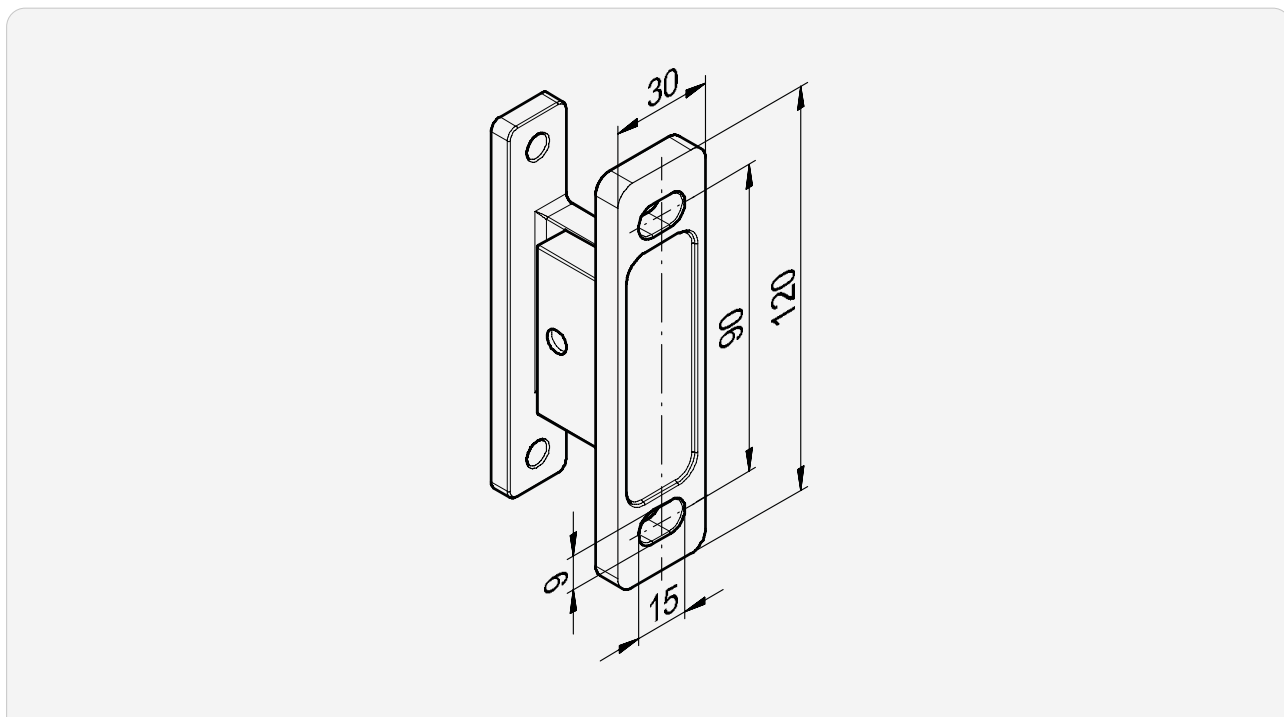
* in 5 mm steps

►► Guide rail fastenings (principle)

H Installation with spacer



Spacer for type H



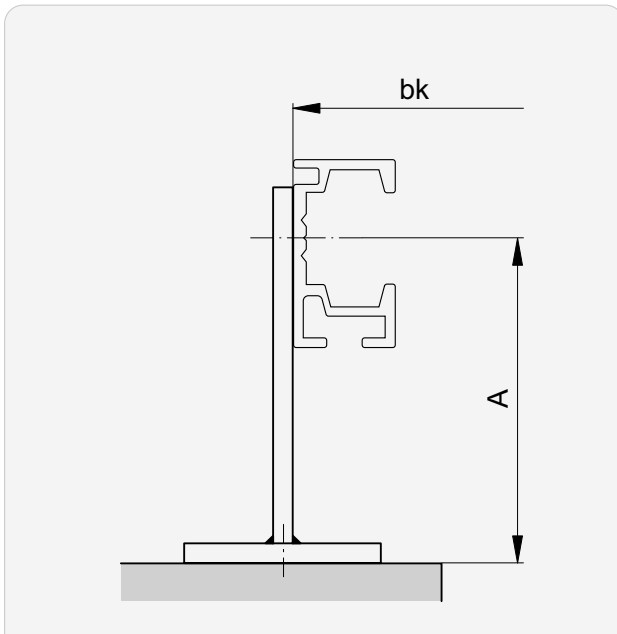
A

68...140

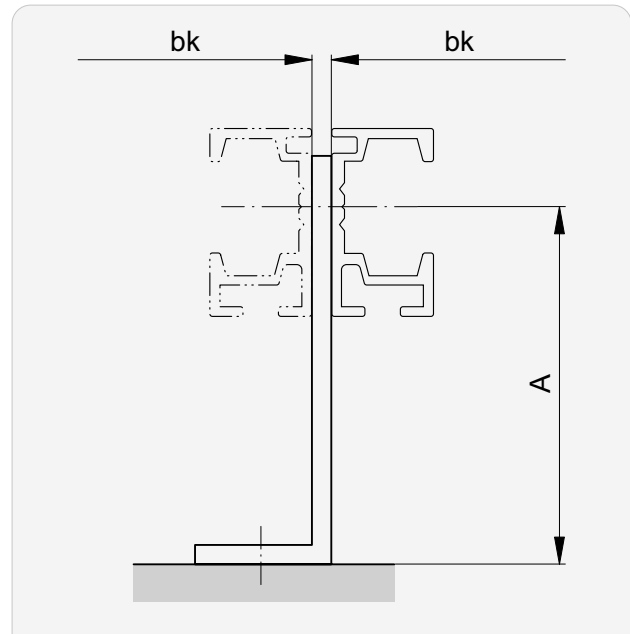
Standard: 70

►► Guide rail fastenings (principle)

T Installation with T-bracket

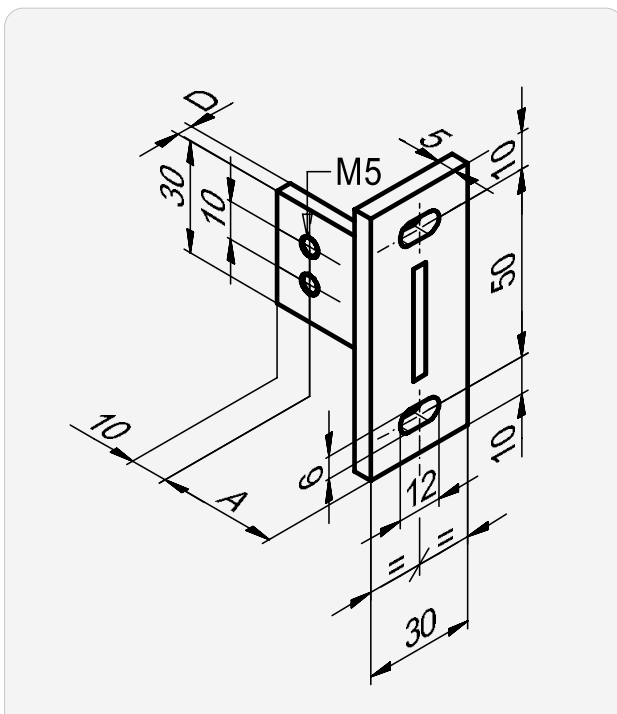


V Installation with one bracket



The blind on the right uses the fastening for the blind on the left.

T-bracket for type T

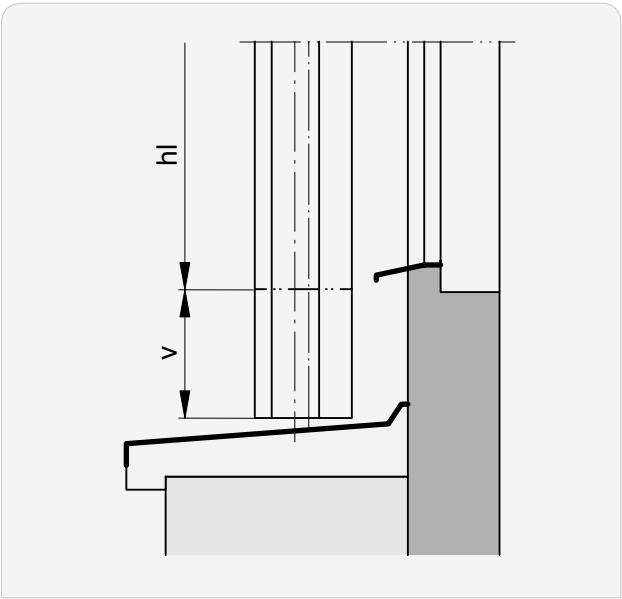


A*	D
20 ... 115	4
120 ... 215	5

* in 5 mm steps

Guide extension and facet

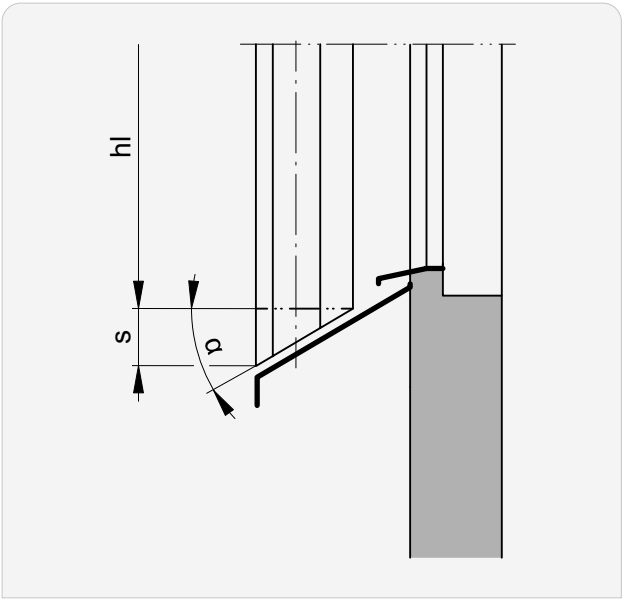
Extension



v

0...1000

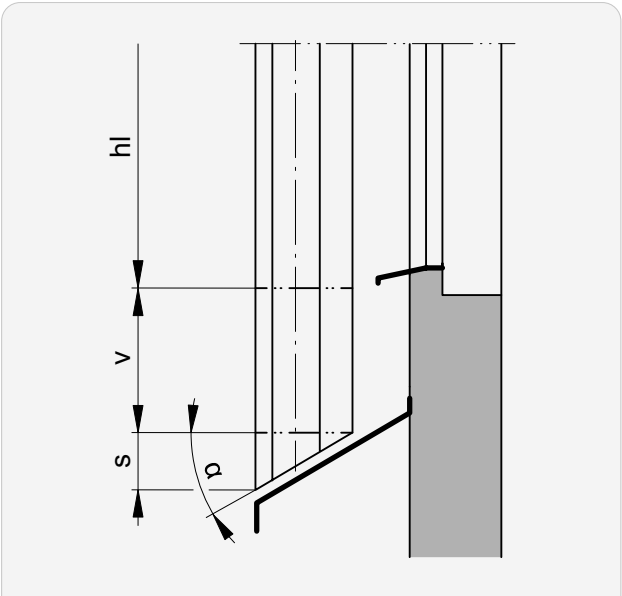
Facet



α

2...66°

Extension and facet



v

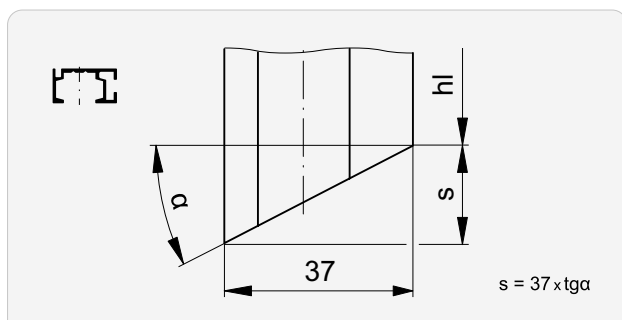
0...1000

α

2...66°

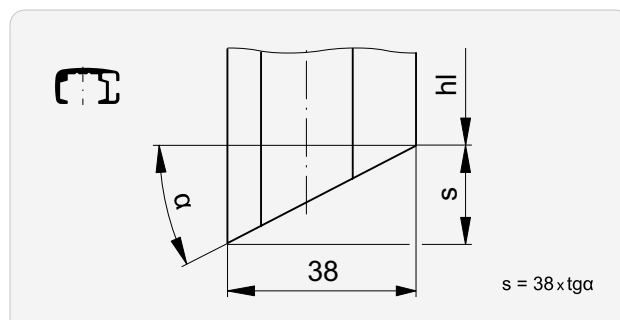
Angling at the guides

Square



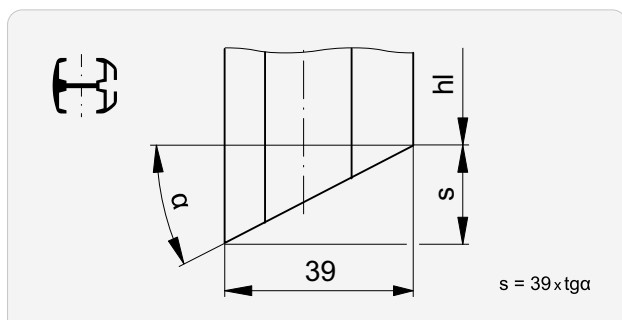
α	s	α	s	α	s	α	s	α	s	α	s
2	1	12	8	22	15	32	23	42	33	52	47
3	2	13	9	23	16	33	24	43	35	53	49
4	3	14	9	24	16	34	25	44	36	54	51
5	3	15	10	25	17	35	26	45	37	55	53
6	4	16	11	26	18	36	27	46	38	56	55
7	5	17	11	27	19	37	28	47	40	57	57
8	5	18	12	28	20	38	29	48	41	58	59
9	6	19	13	29	21	39	30	49	43	59	62
10	7	20	13	30	21	40	31	50	44	60	64
11	7	21	14	31	22	41	32	51	46	61	67

Circular



α	s	α	s	α	s	α	s	α	s	α	s
2	1	12	8	22	15	32	24	42	34	52	49
3	2	13	9	23	16	33	25	43	35	53	50
4	3	14	9	24	17	34	26	44	37	54	52
5	3	15	10	25	18	35	27	45	38	55	54
6	4	16	11	26	19	36	28	46	39	56	56
7	5	17	12	27	19	37	29	47	41	57	59
8	5	18	12	28	20	38	30	48	42	58	61
9	6	19	13	29	21	39	31	49	44	59	63
10	7	20	14	30	22	40	32	50	45	60	66
11	7	21	15	31	23	41	33	51	47	61	69

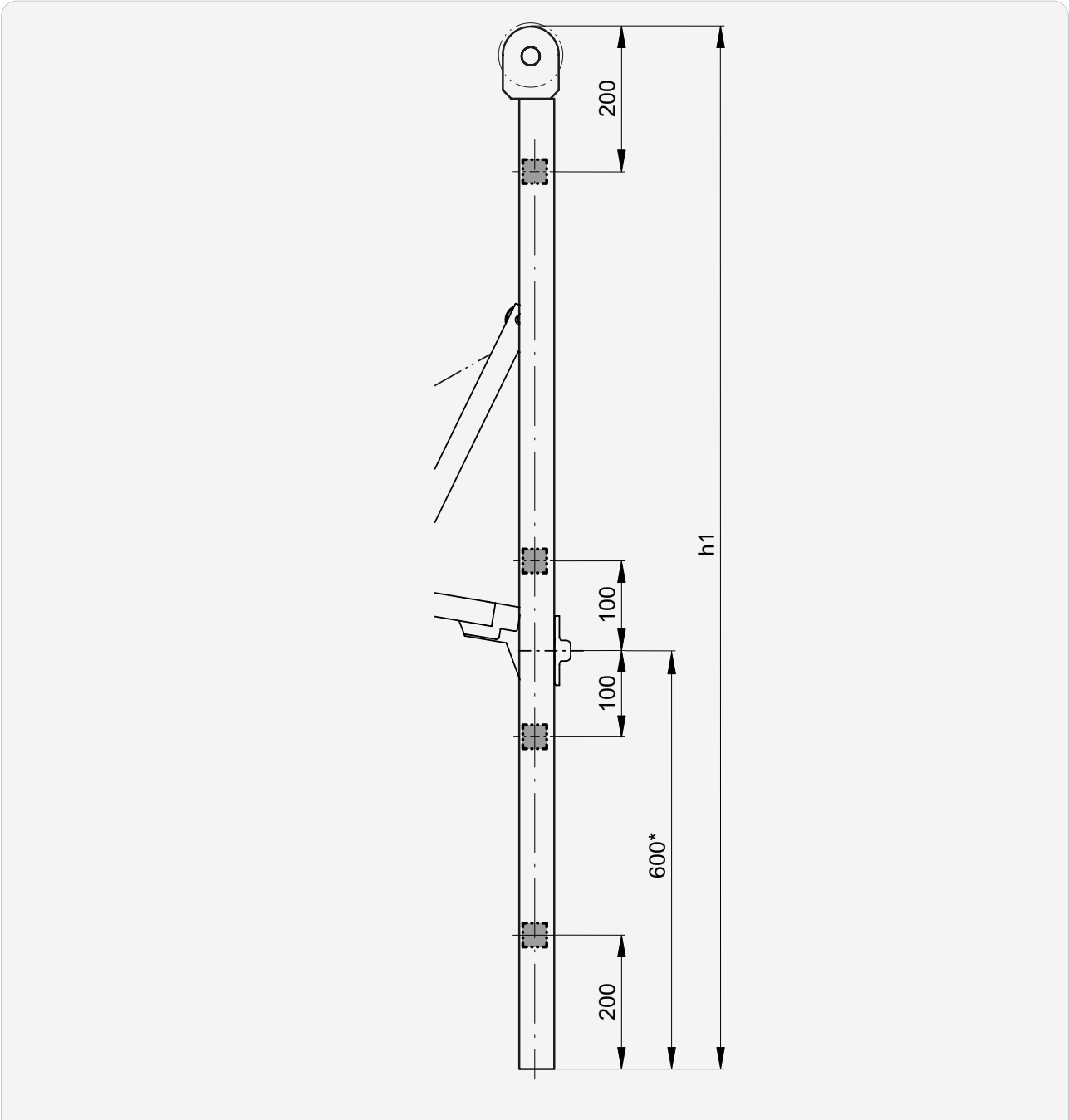
Double guide



α	s	α	s	α	s	α	s	α	s	α	s
2	1	12	8	22	16	32	24	42	35	52	50
3	2	13	9	23	17	33	25	43	36	53	52
4	3	14	10	24	17	34	26	44	38	54	54
5	3	15	10	25	18	35	27	45	39	55	56
6	4	16	11	26	19	36	28	46	40	56	58
7	5	17	12	27	20	37	29	47	42	57	60
8	5	18	13	28	21	38	30	48	43	58	62
9	6	19	13	29	22	39	32	49	45	59	65
10	7	20	14	30	23	40	33	50	46	60	68
11	8	21	15	31	23	41	34	51	48	61	70

Fastening points Galleria®

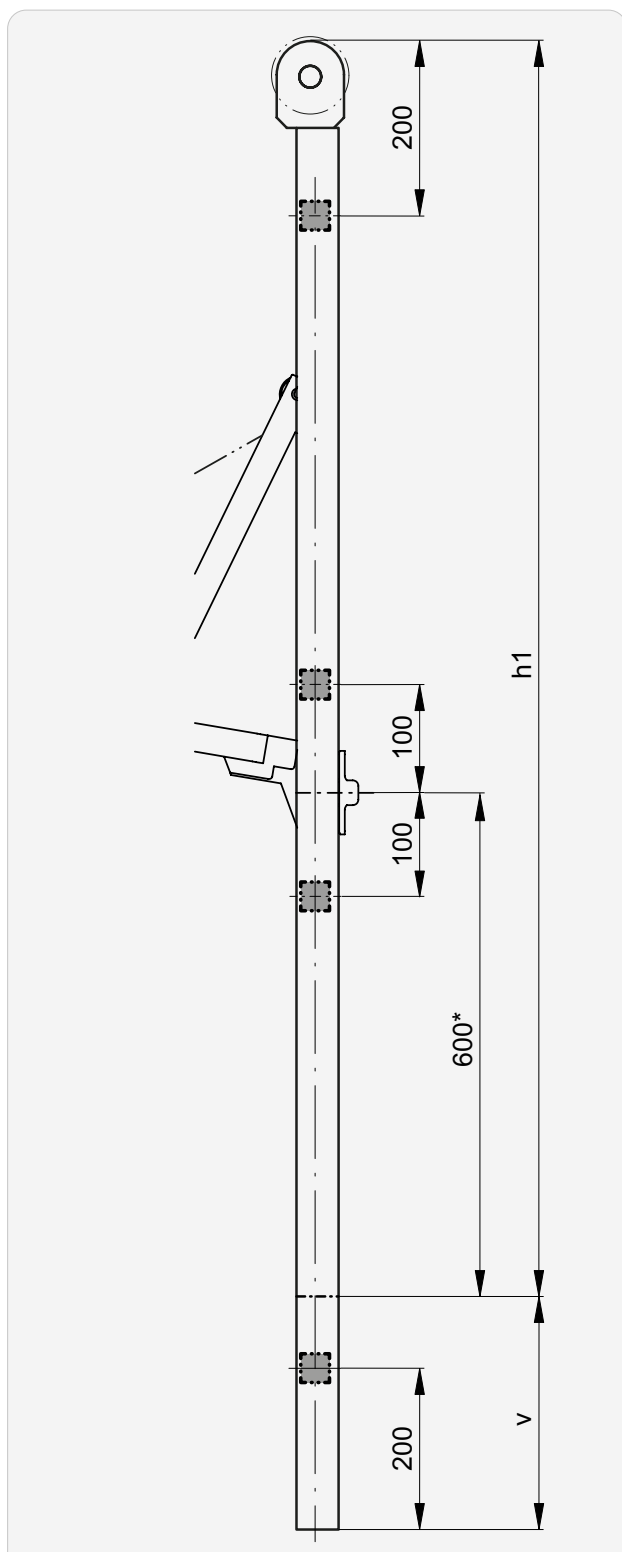
Without extension



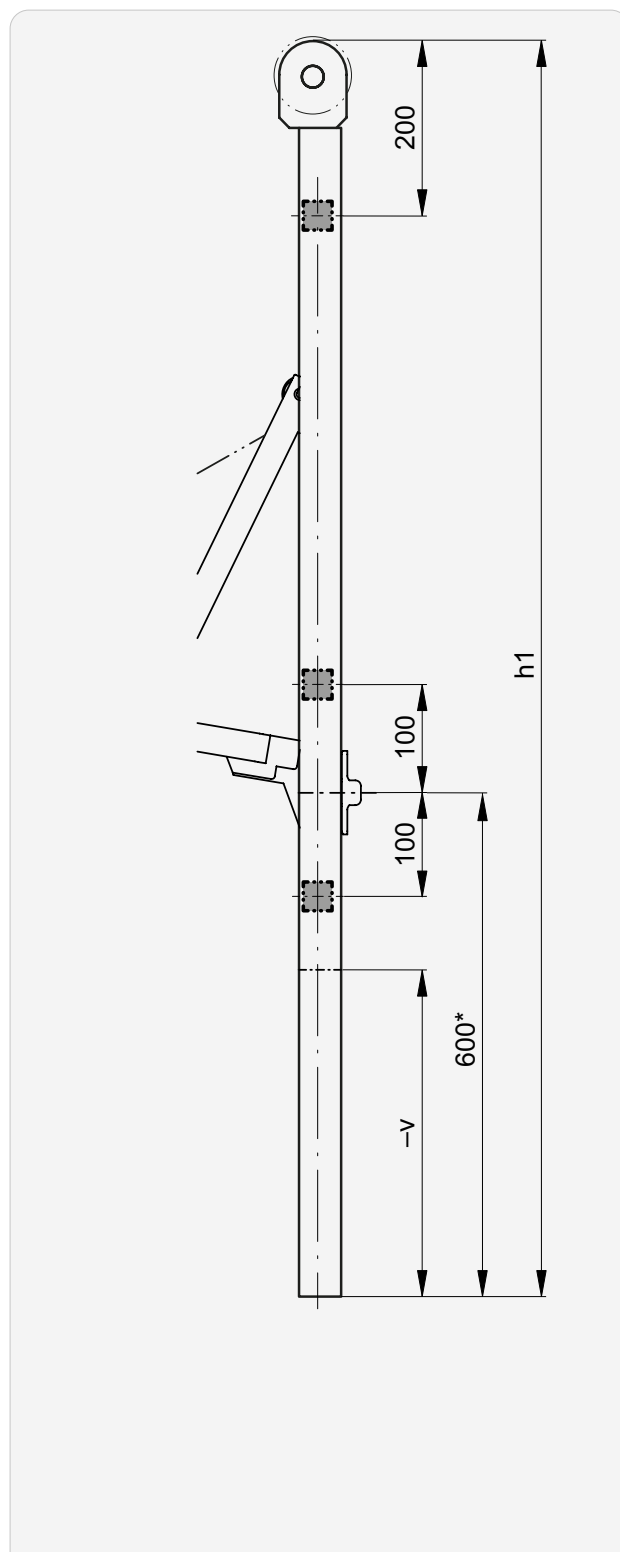
* Fastening for sliding arm for standard

►► Fastening points Galleria®

With guide rail extension



i $v = 1 \dots 1000$



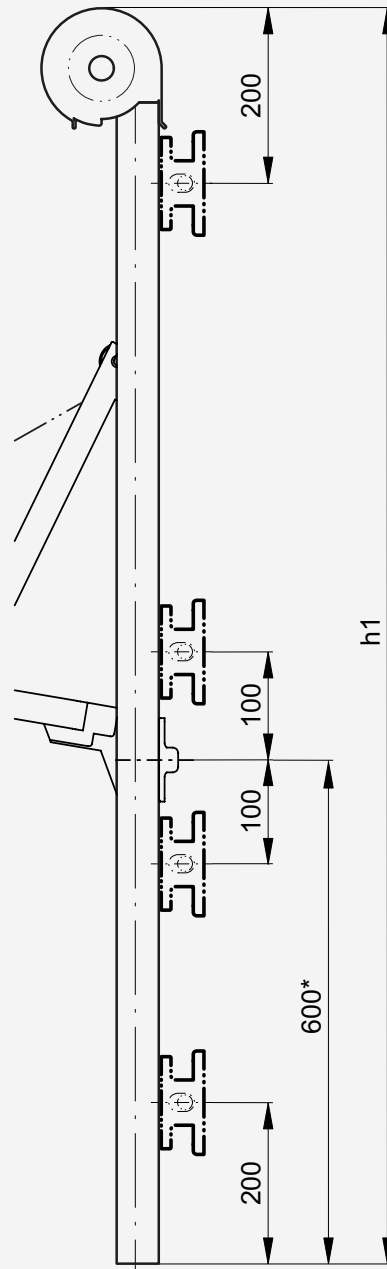
i $-v = -1 \dots -400$

v Guide rail extension: 0...1000

***** Fastening for sliding arm for standard

Fastening points Galleria® Box

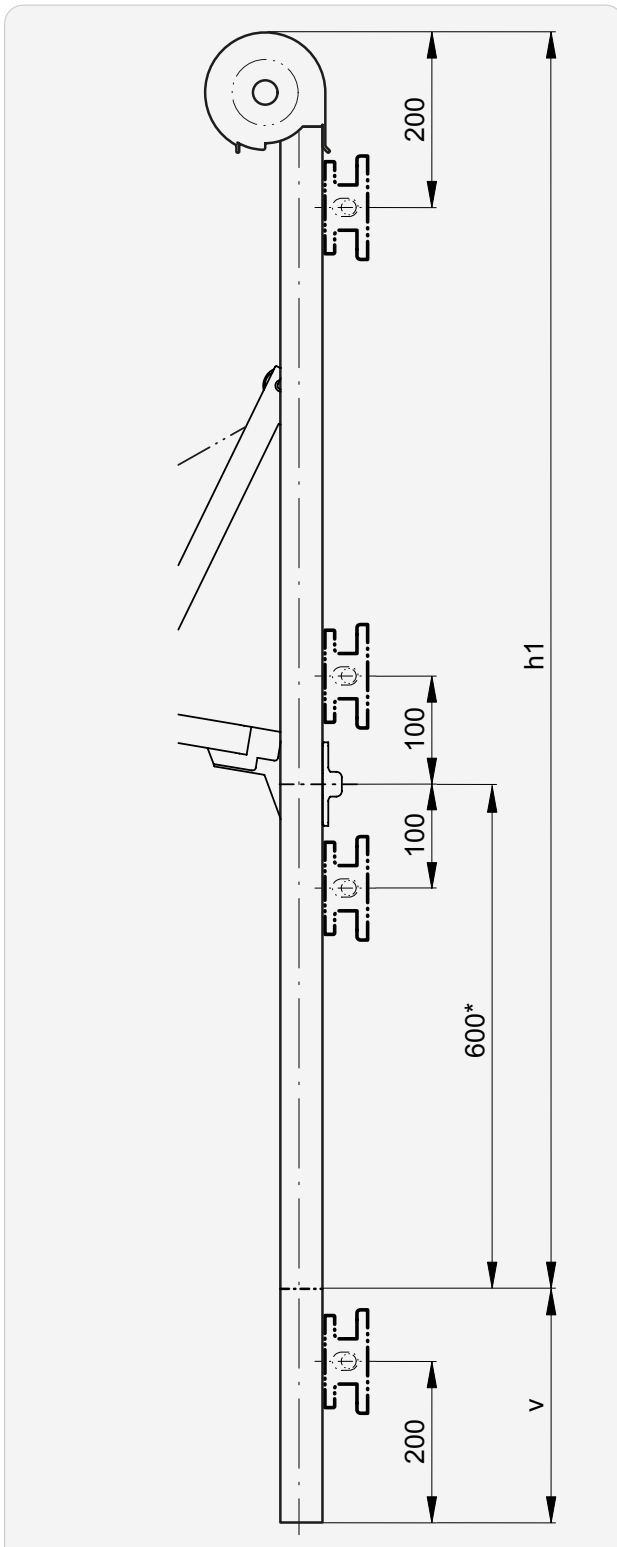
Without extension



* Fastening for sliding arm for standard

►► **Fastening points Galleria® Box**

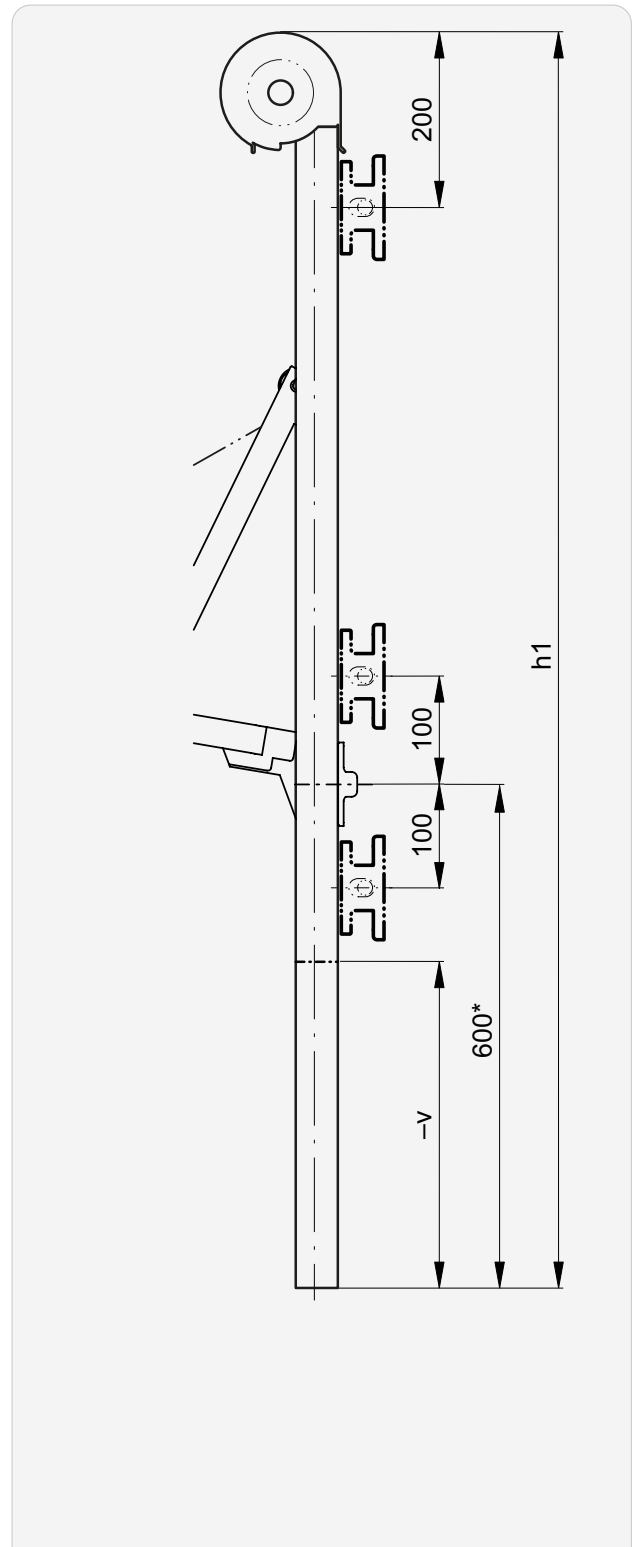
With guide rail extension



v = 1...1000

v Guide rail extension: 0 ...1000

* Fastening for sliding arm for standard

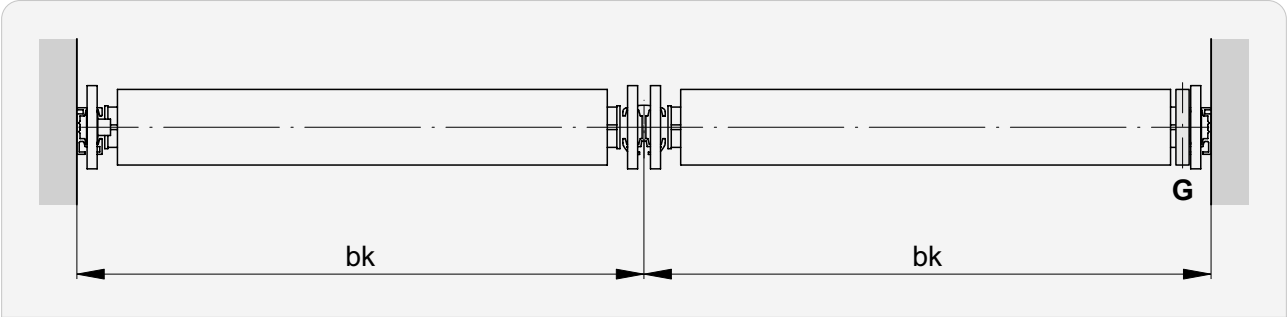


i $-v = -1 \dots -400$

Connected systems

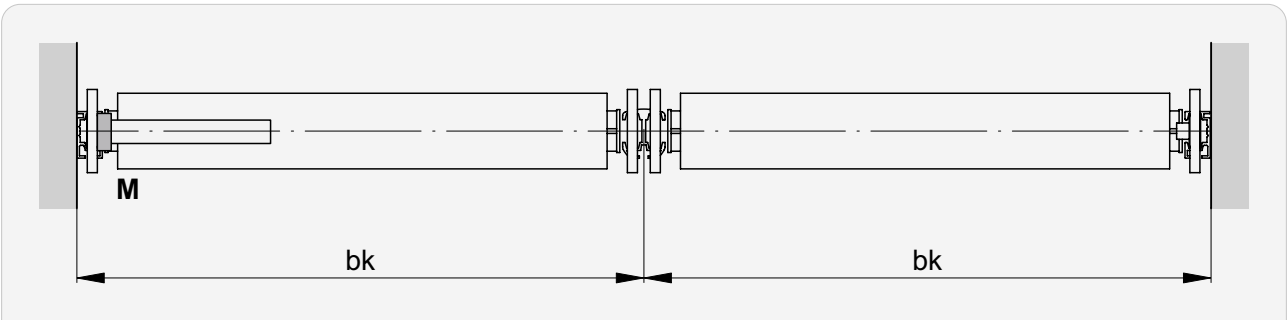
With crank drive

Fix

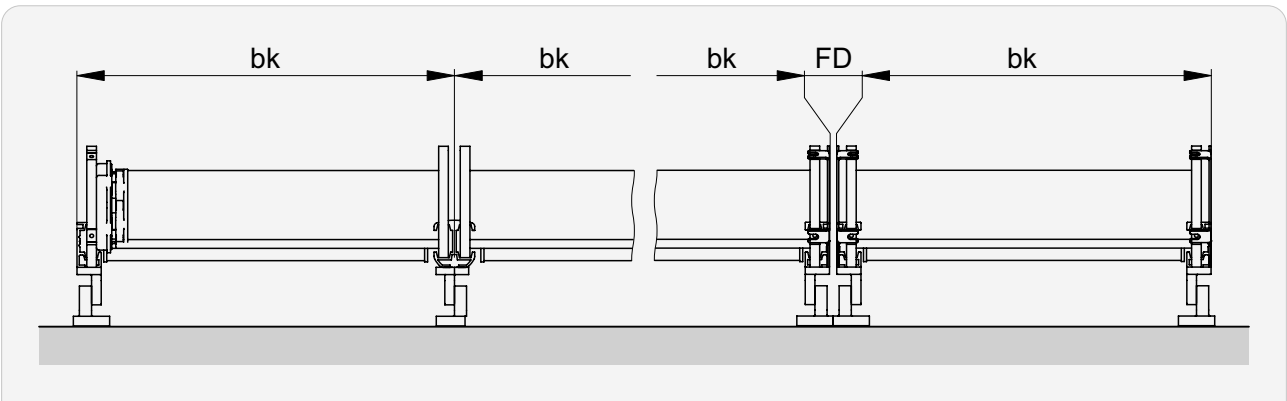


With motor drive

Fix



Box



FD

5...320



Tube®

Limit dimensions Tube®	118
Limit dimensions Tube® Box	118
Fabric deduction	118
Built-in system	119
Built-in system under ceiling	119
Installation system	120
Sliding arms	121
Sections Details	122
Fastening for drop arm	123
Bearing fastenings	124
Connected systems	130



Limit dimensions Tube®

Single awning

Operation	Width min. (bk)	Width max. (bk)	Length of arm (AL)	Surface max. [m²]
Crank drive	400	4000	800, 1000, 1200, 1500	10
Motor drive	800			

Connected systems

Operation	Width max. (bk)	Width max. (Σbk + FD)	Blinds max.	Surface max. [m²]
Crank drive	3500 ¹ 4000	6000	3	10
Motor drive		7000 ¹ 8000		24

Limit dimensions Tube® Box

Single awning

Operation	Width min. (bk)	Width max. (bk)	Length of arm (AL)	Surface max. [m²]
Crank drive	400	4000	800, 1000, 1200, 1500	10
Motor drive	800			

Connected systems

Operation	Width max. (bk)	Width max. (Σbk + FD)	Blinds max.	Surface max. [m²]
Crank drive	3500 ¹ 4000	6000	3	10
Motor drive		7000 ¹ 8000		24

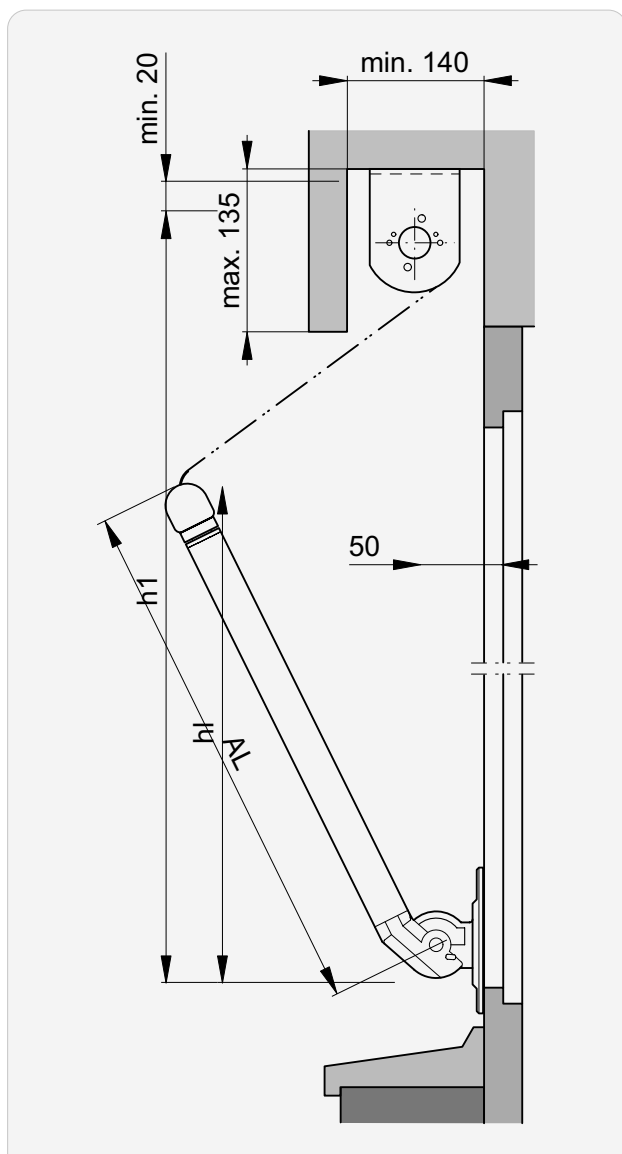
¹ with Collection Soltis

Fabric deduction

Operation	Tube®		Tube® Box	
	Drive side	Counter side	Drive side	Counter side
Crank drive	bk – 38	bk – 25	bk – 38	bk – 25
Motor drive	bk – 25		bk – 25	

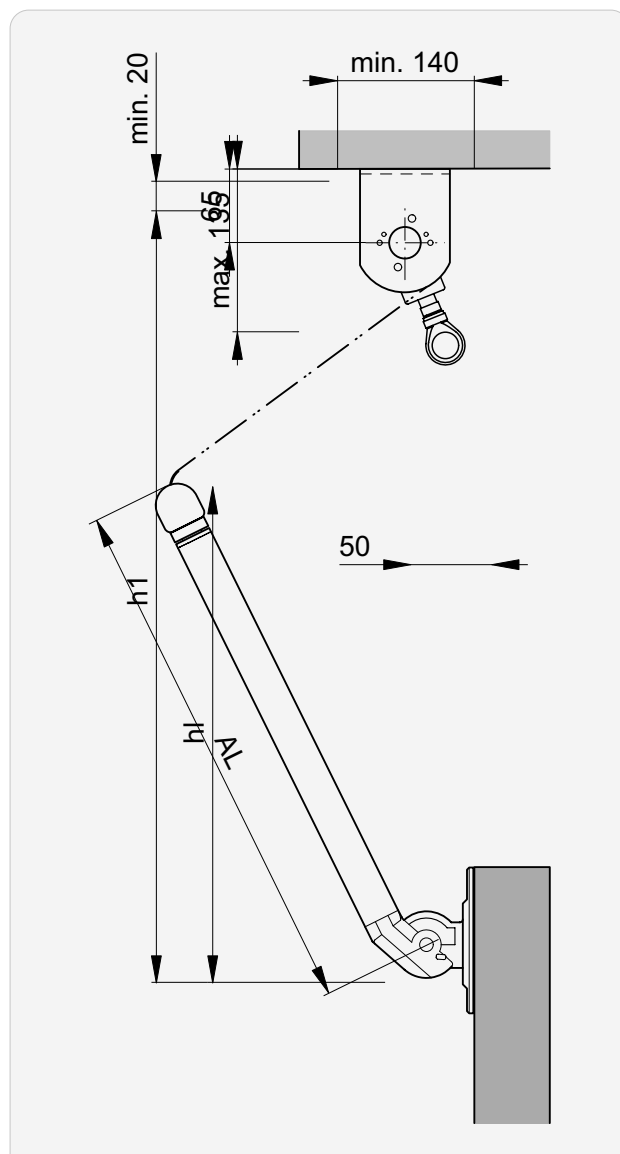
Built-in system

Vertical section



Built-in system under ceiling

Vertical section



Horizontal section

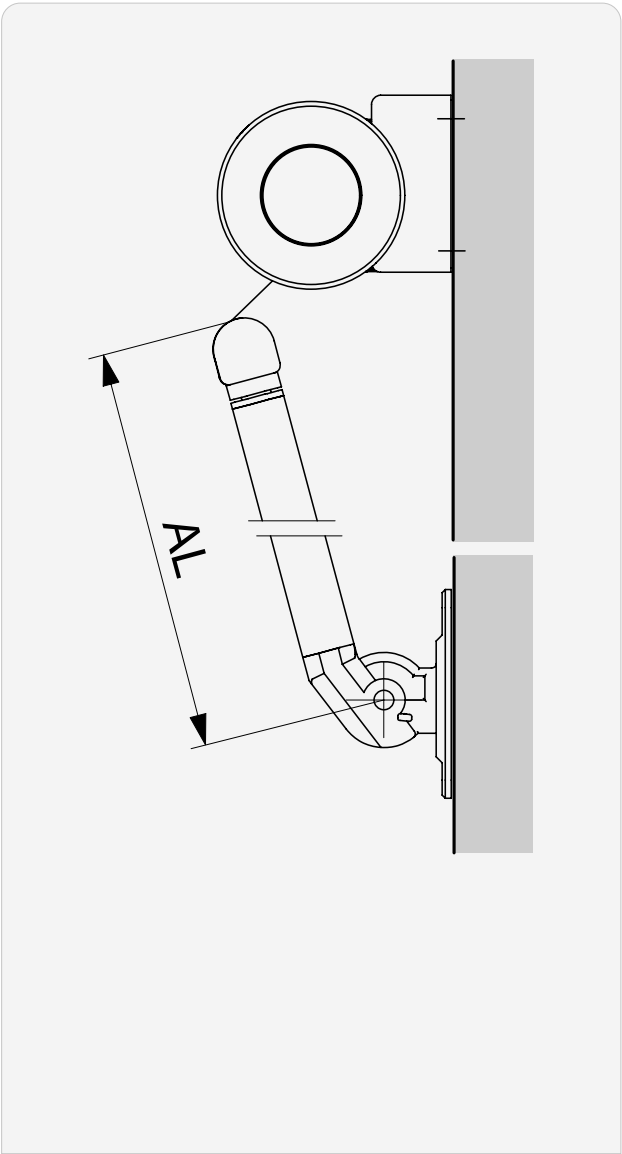


Horizontal section

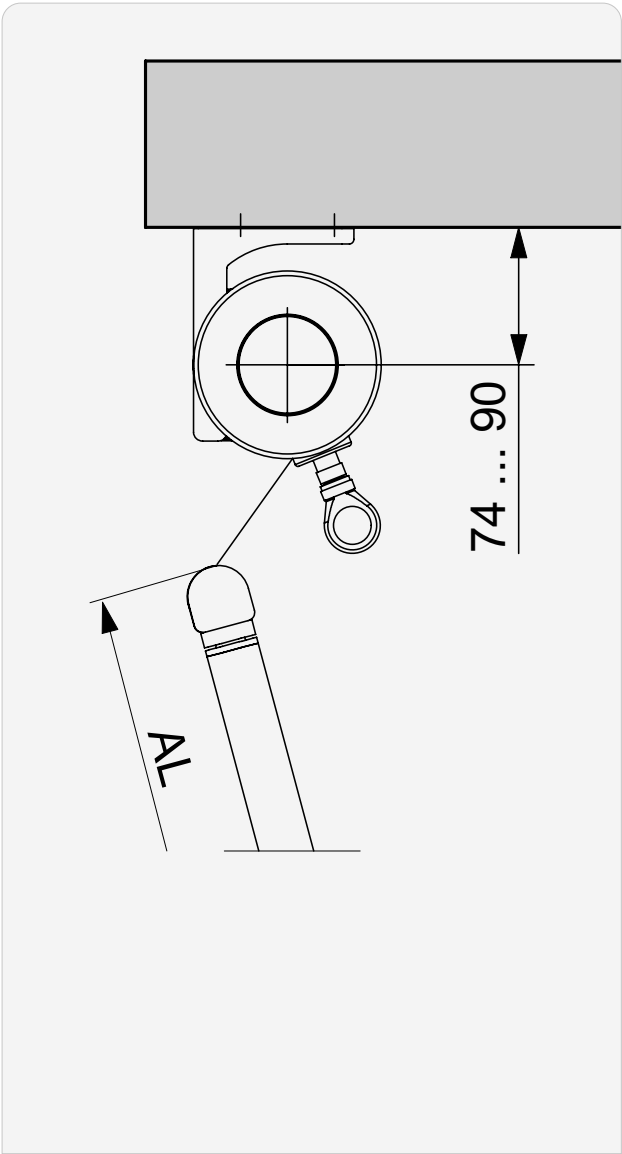


Installation system

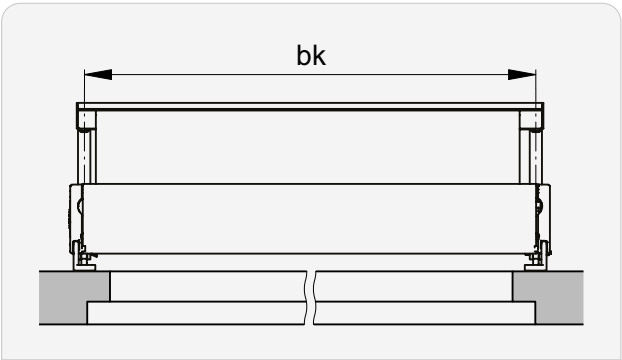
Vertical section



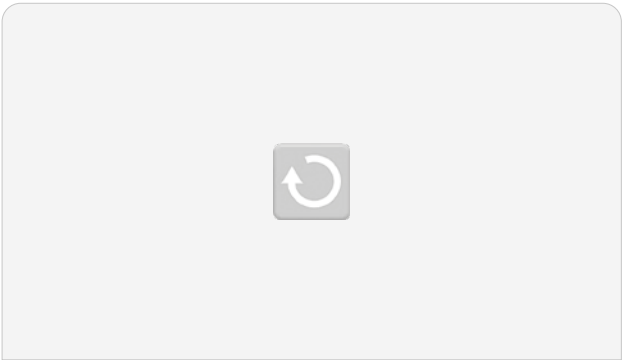
Vertical section: under ceiling



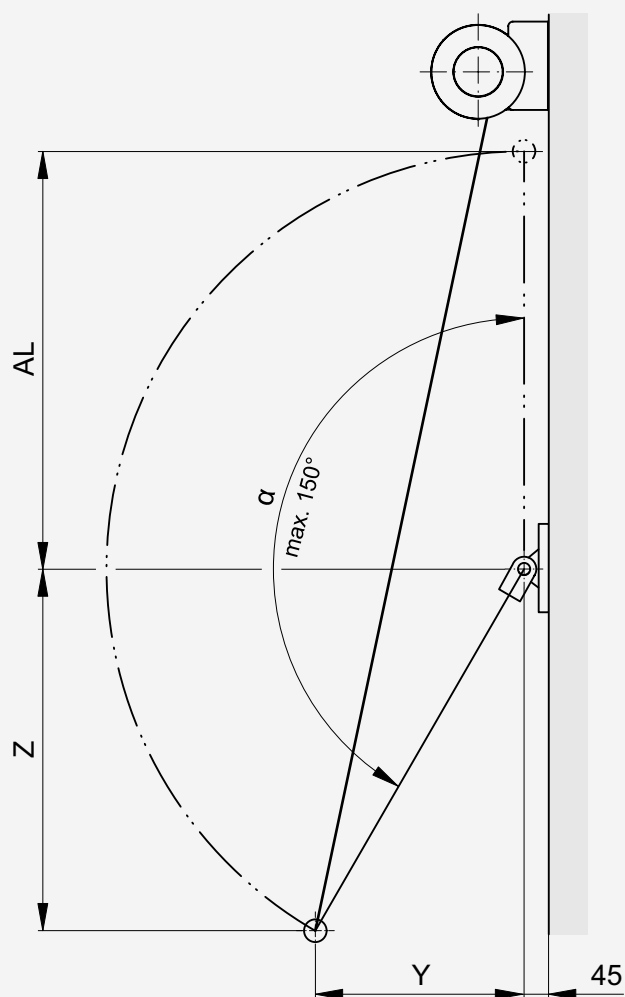
Horizontal section



Horizontal section



Sliding arms

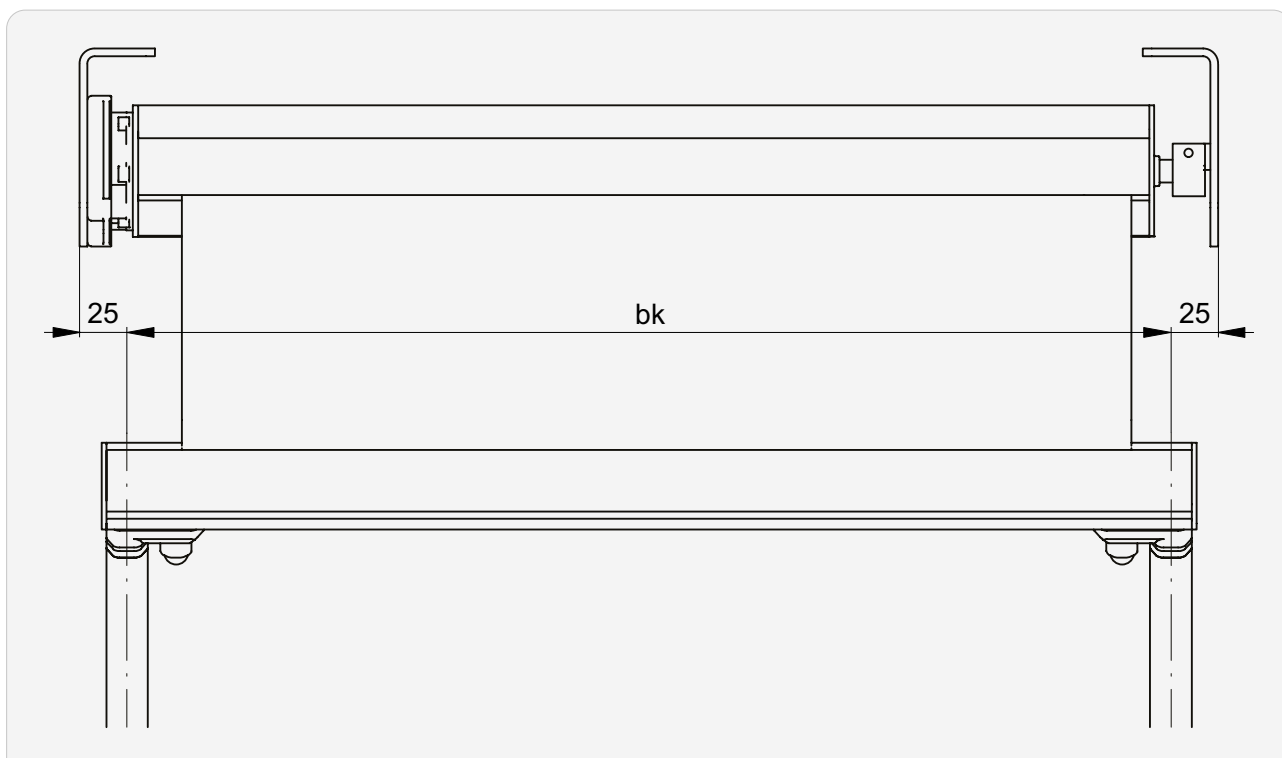


AL	α	Y	Z	AL	α	Y	Z
800	100°	788	139	1200	100°	1182	208
	110°	752	274		110°	1128	410
	120°	693	400		120°	1040	600
	135°	566	566		135°	849	849
	150°	400	693		150°	600	1040
1000	100°	985	174	1500	100°	1477	260
	110°	940	342		110°	1410	513
	120°	866	500		120°	1300	750
	135°	707	707		135°	1060	1060
	150°	500	866		150°	750	1300

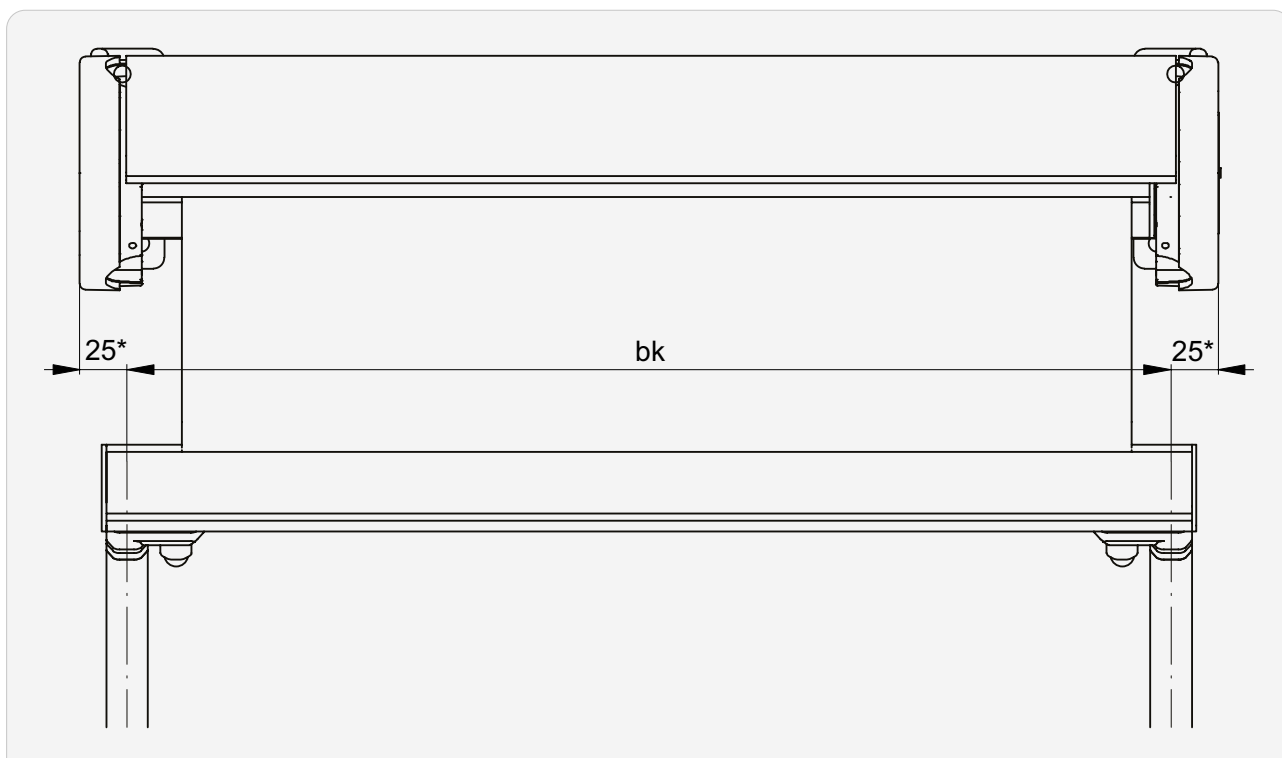
AL Length of arm

Sections | Details

Horizontal section: Built-in system



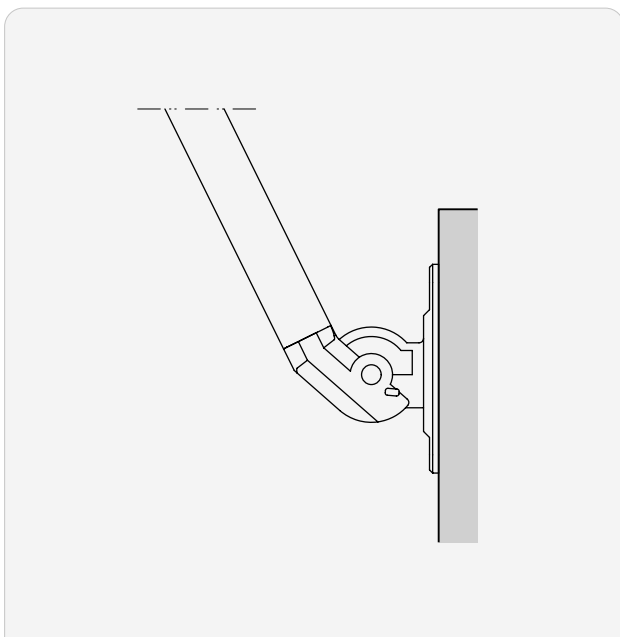
Horizontal section: Installation system



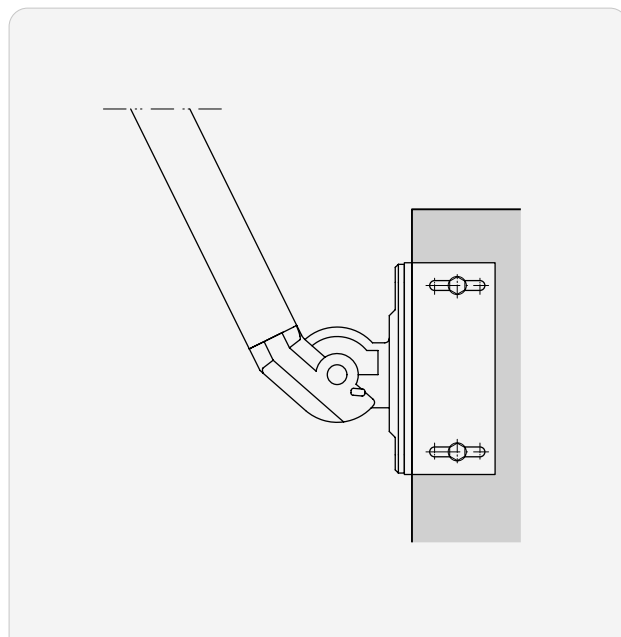
* 35 mm for NH installation with adjustable bearing.

Fastening for drop arm

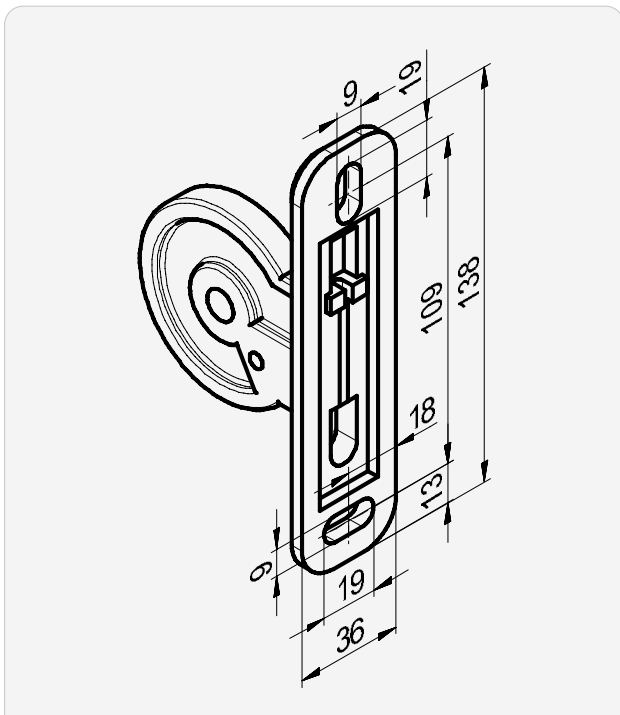
AF Facade installation



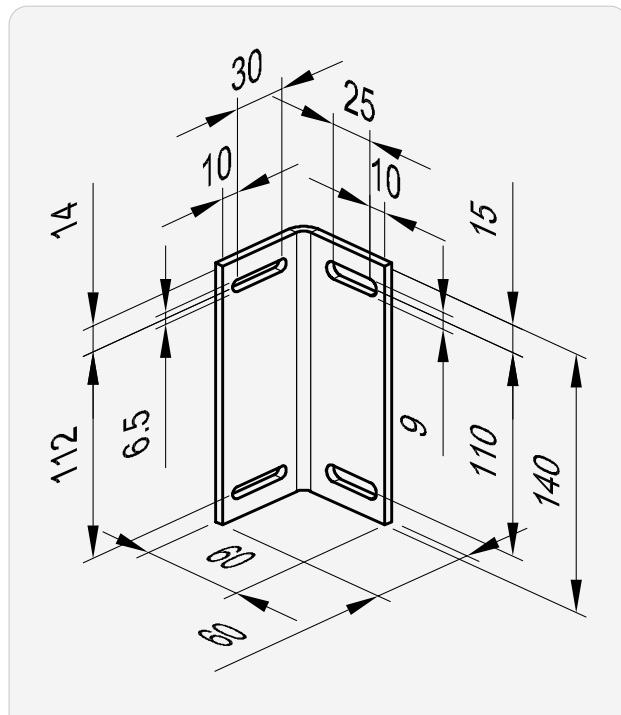
NS At side



Support for type AF and NS



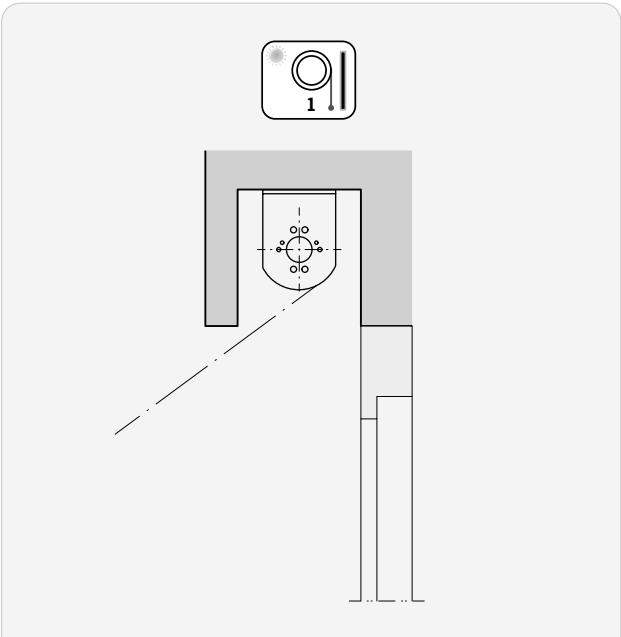
Bracket for type NS



Bearing fastenings

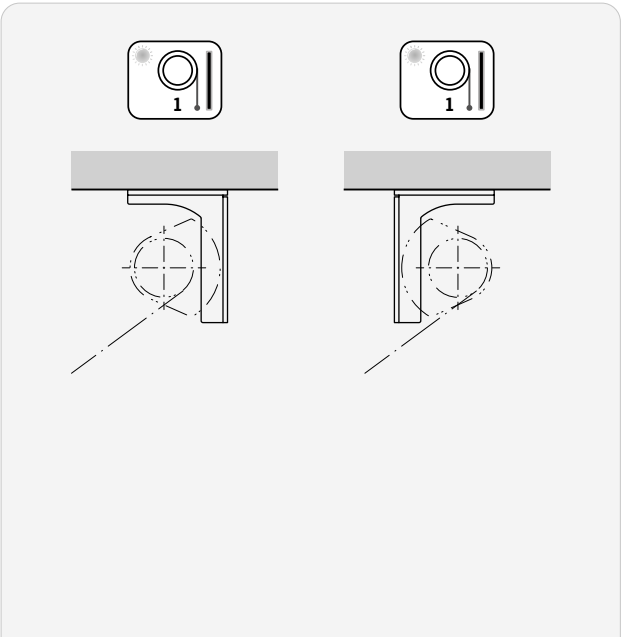
At top

NO

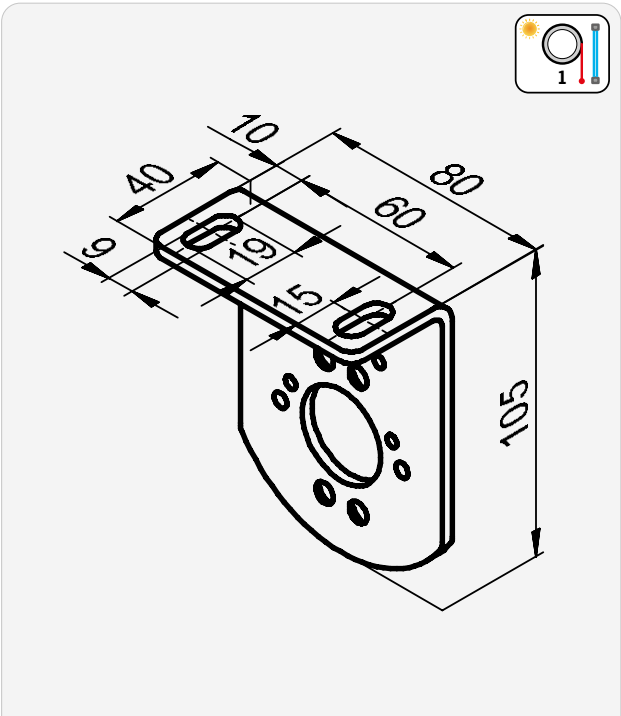


At top | Designer bearing

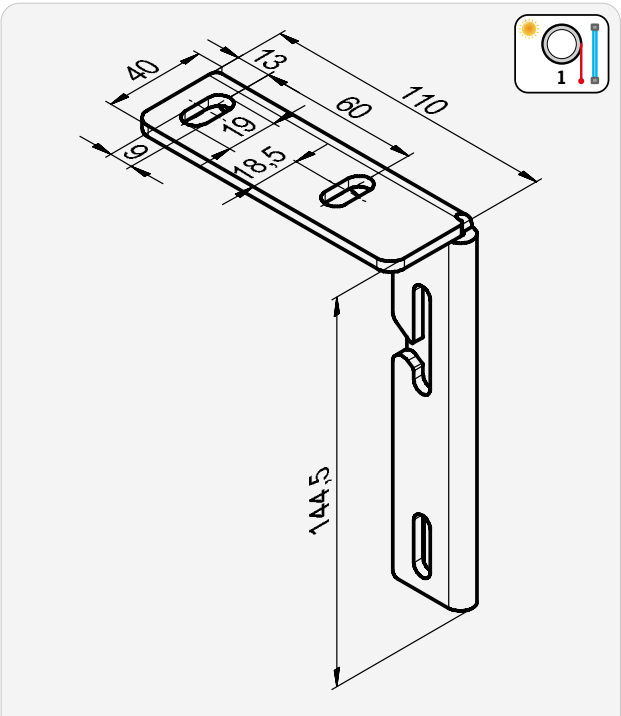
NO



Sheet metal support right for type NO



Installation clip right for type NO

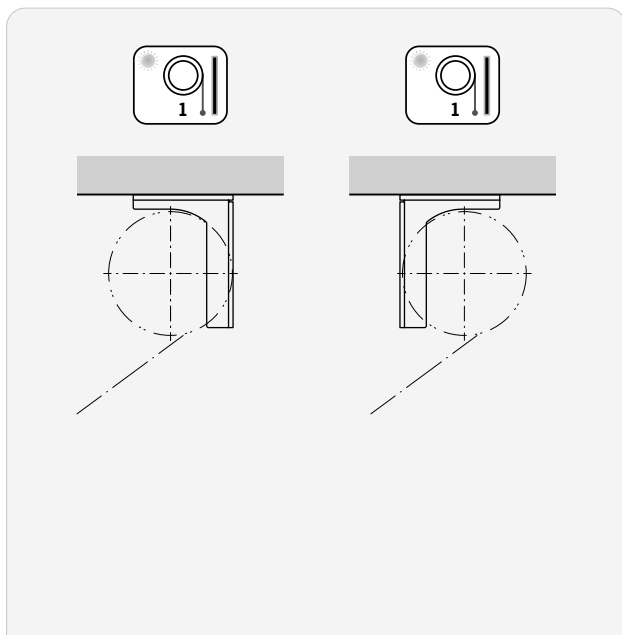


►► Bearing fastenings

At top | Designer bearing

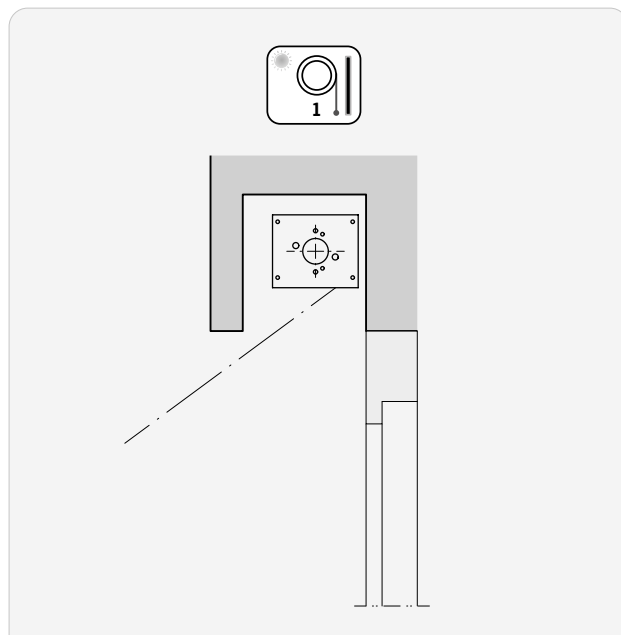
Box

NO

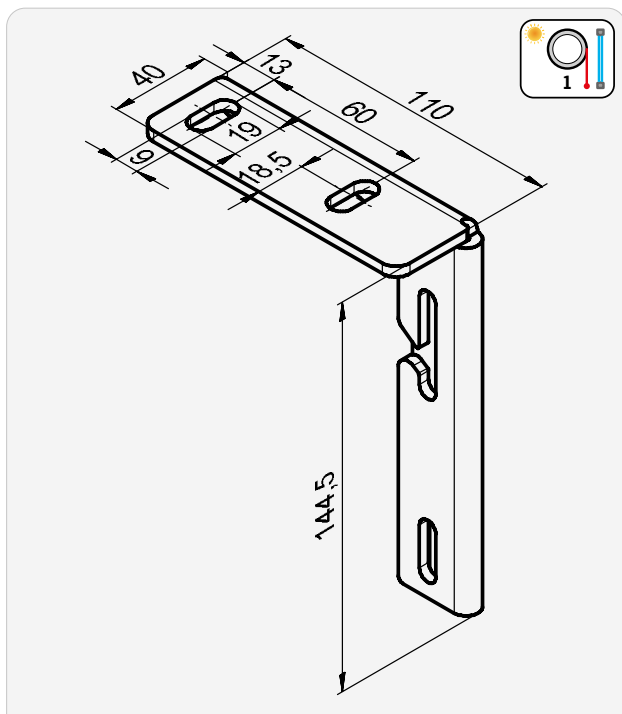


At side

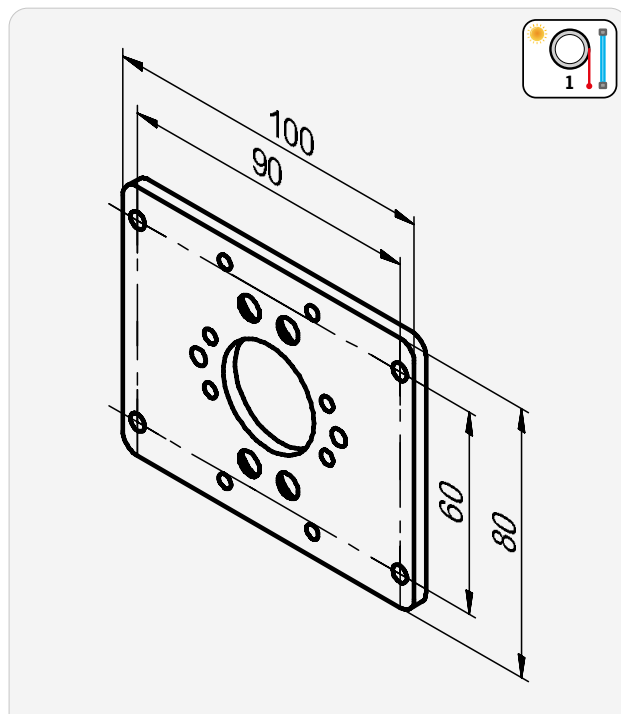
NS



Installation clip right for type NO



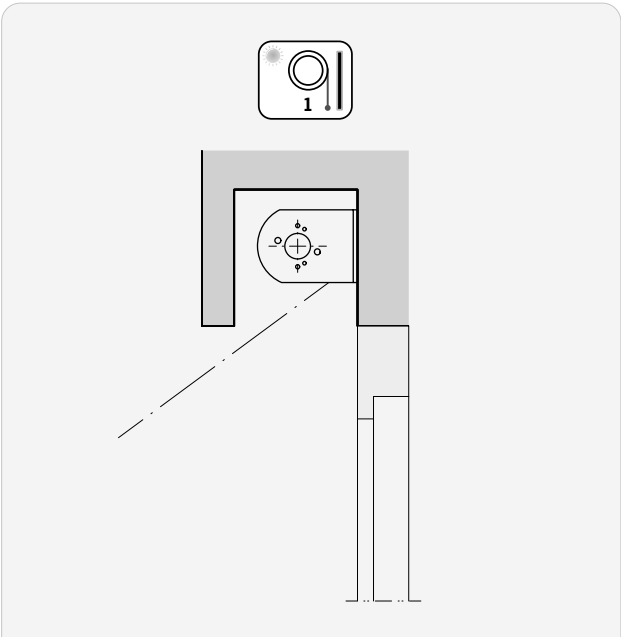
Sheet metal support right for type NS



►► Bearing fastenings

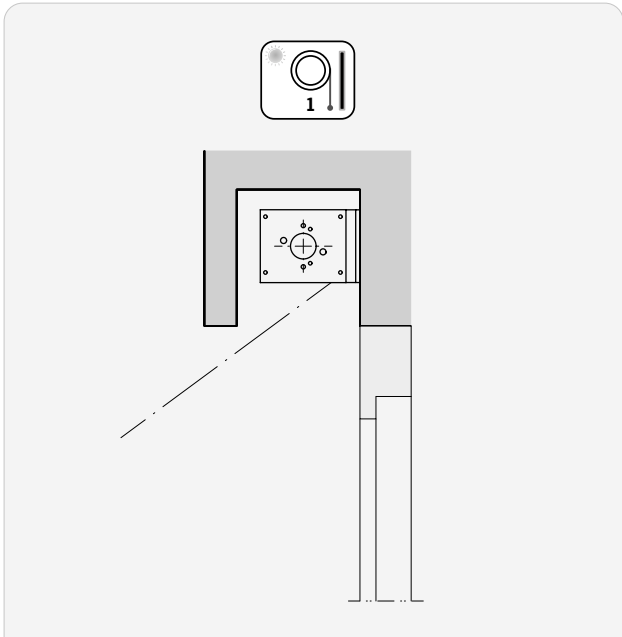
At back | Fix

NHf

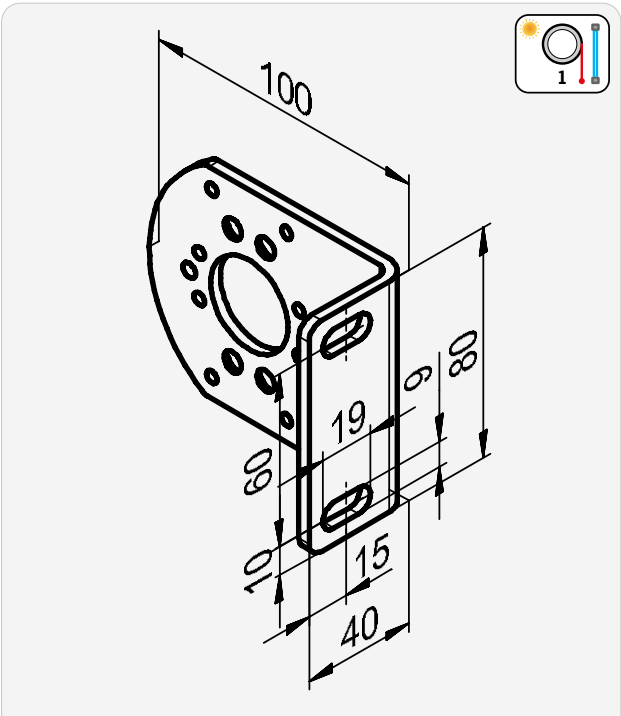


At back | Adjustable

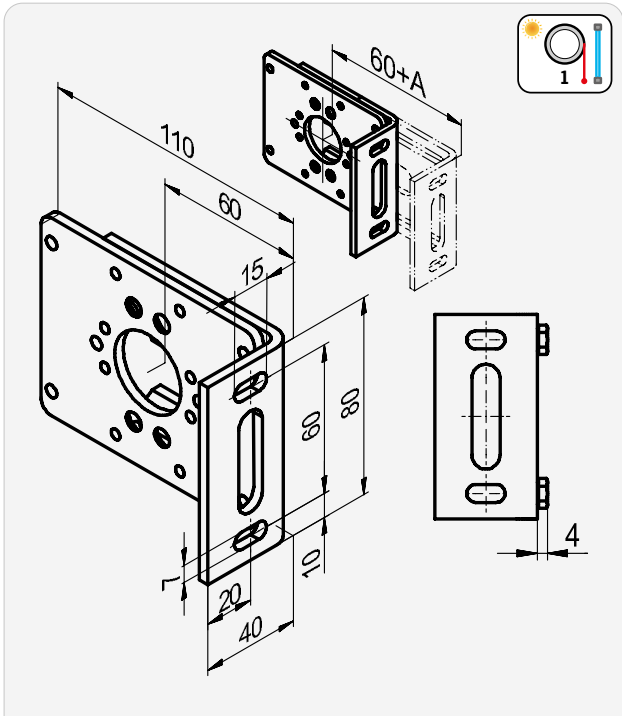
NHv



Sheet metal support right for type NHf



Sheet metal support right for type NHv



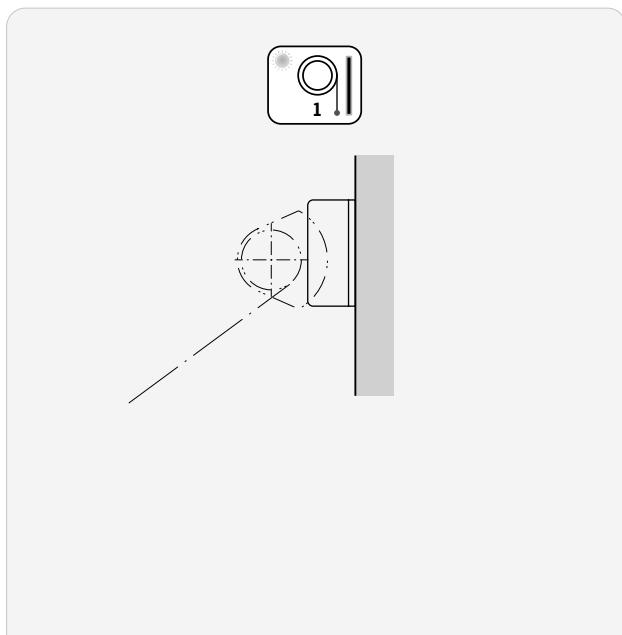
A

0...50

►► Bearing fastenings

At back | Designer bearing

NH

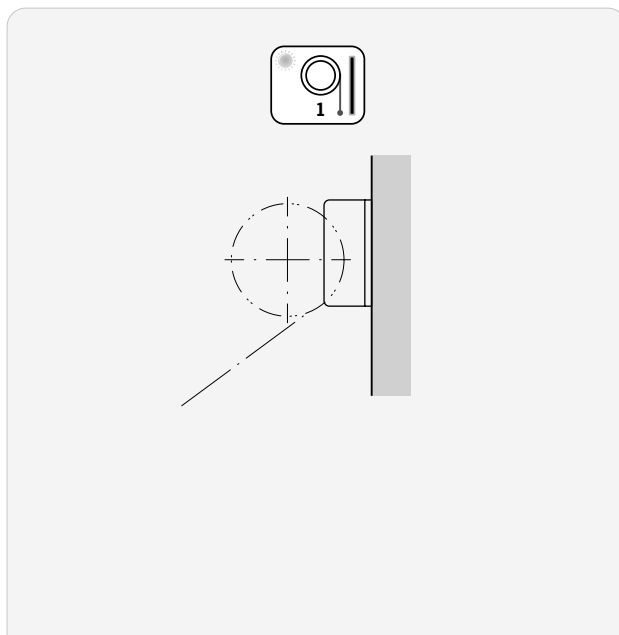


Only with motor

At back | Designer bearing

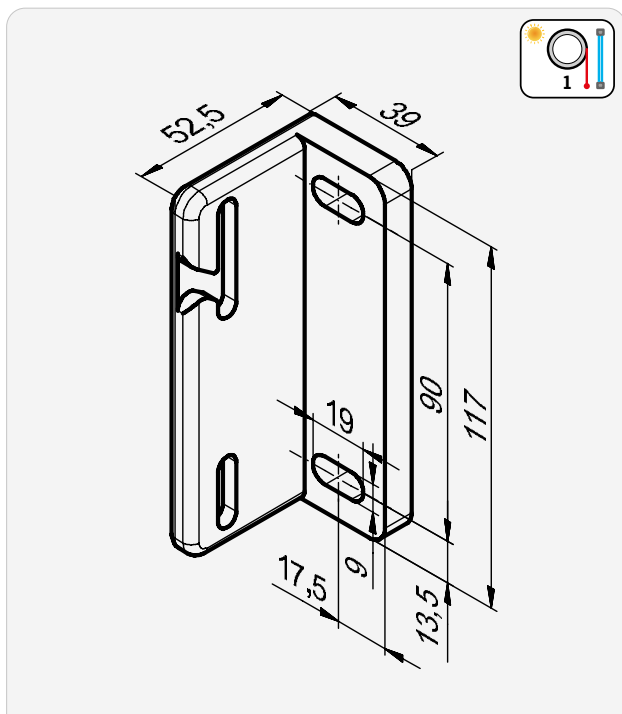
Box

NH

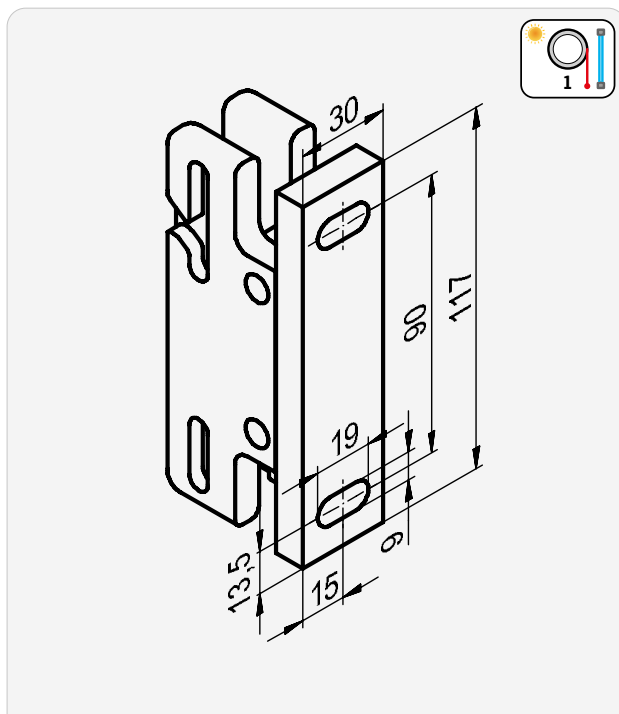


Only with motor

Installation clip bearing right for type NH



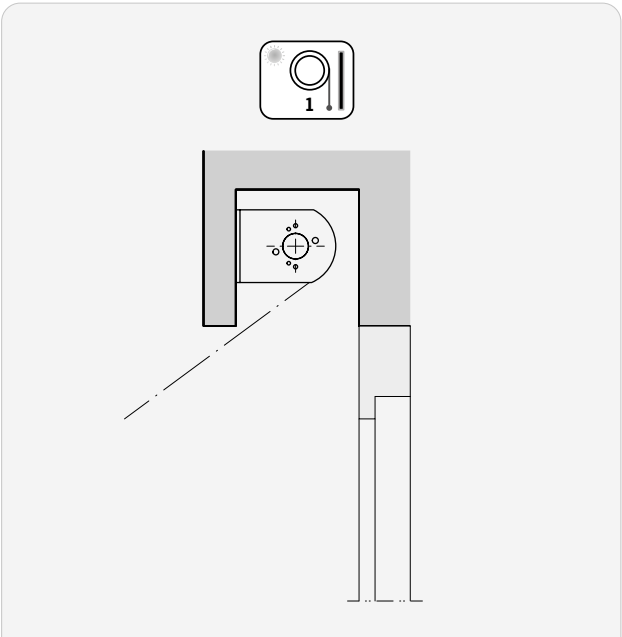
Double clip for type NH



►► Bearing fastenings

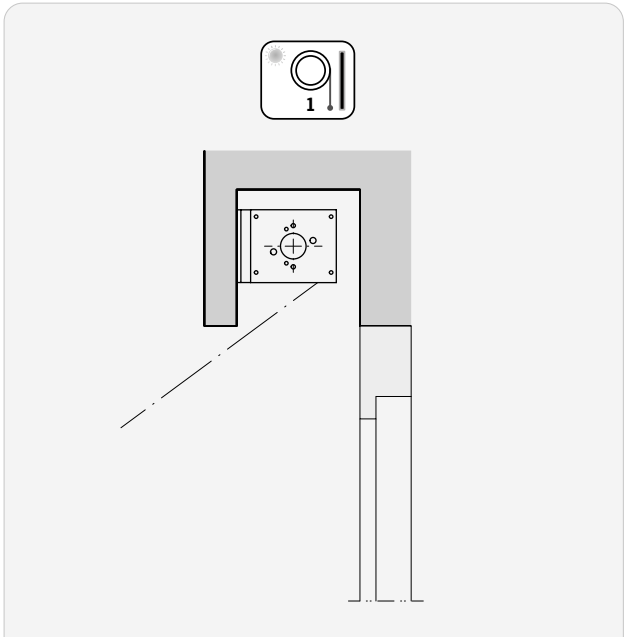
At front | Fix

NVf

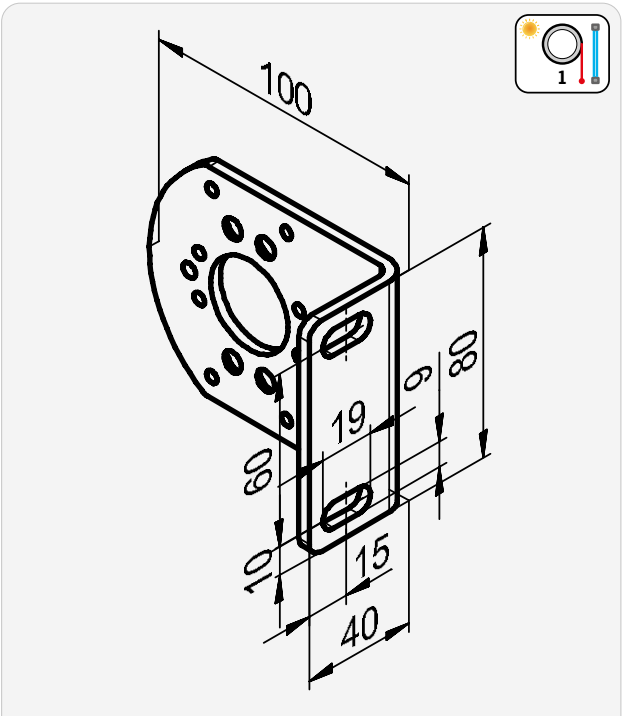


At front | Adjustable

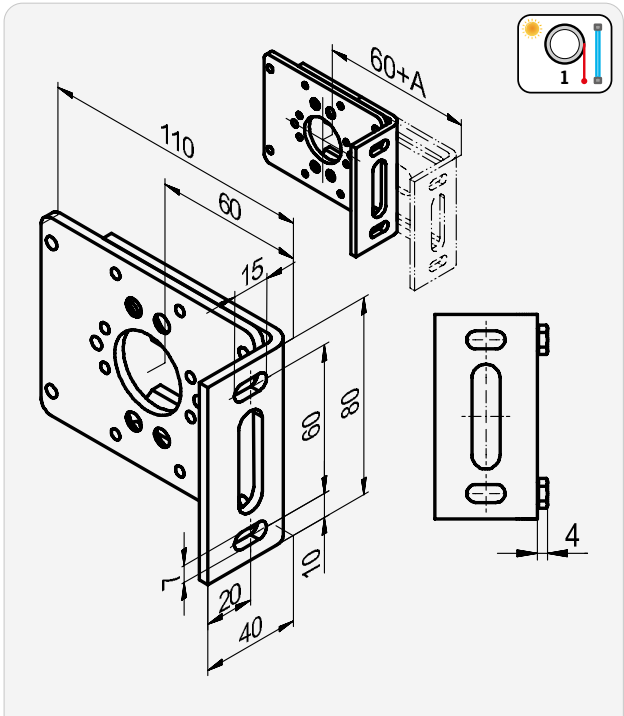
NVv



Sheet metal support left for type NVf



Sheet metal support left for type NVv



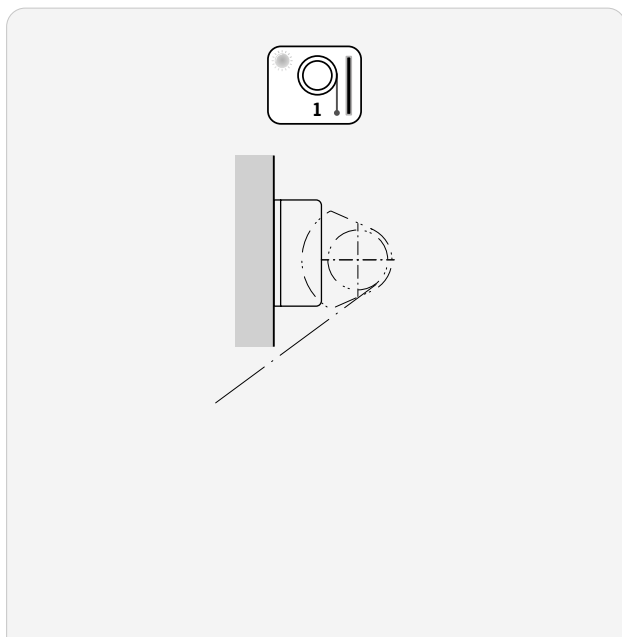
A

0...50

►► Bearing fastenings

At front | Designer bearing

NV

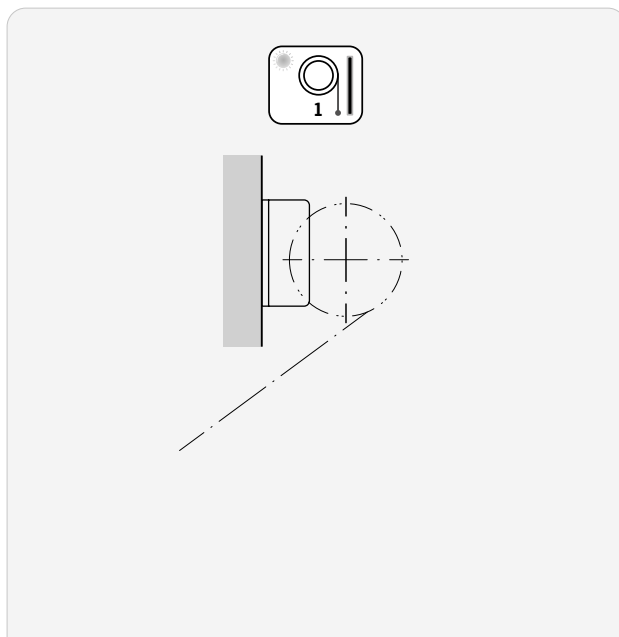


Only with motor

At front | Designer bearing

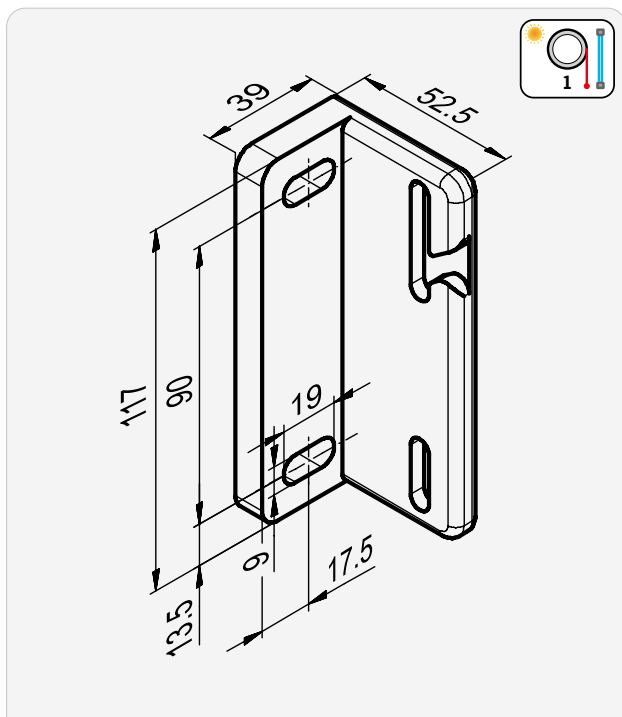
Box

NV

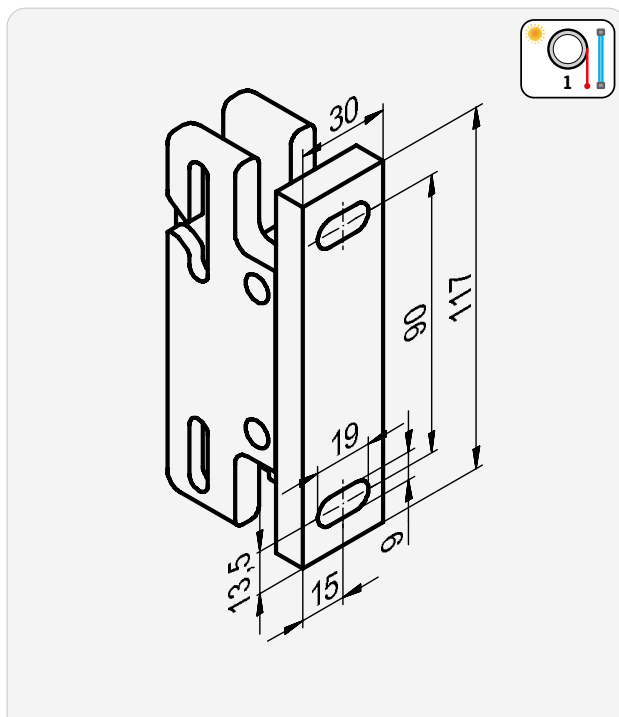


Only with motor

Installation clip bearing right for type NV



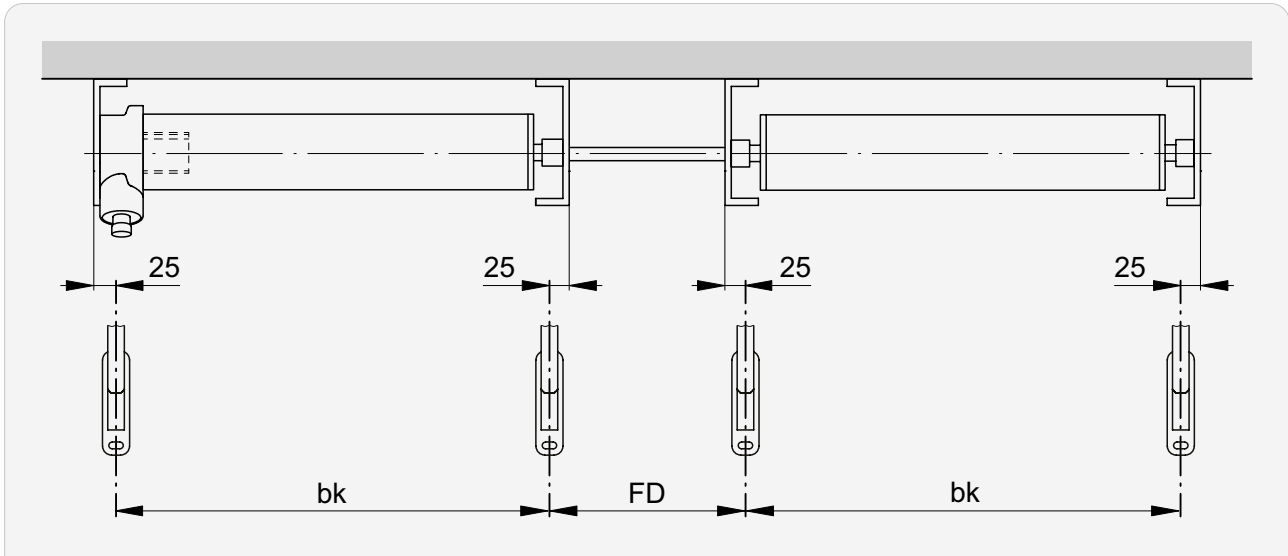
Double clip for type NV



Connected systems

With crank drive

Conventional



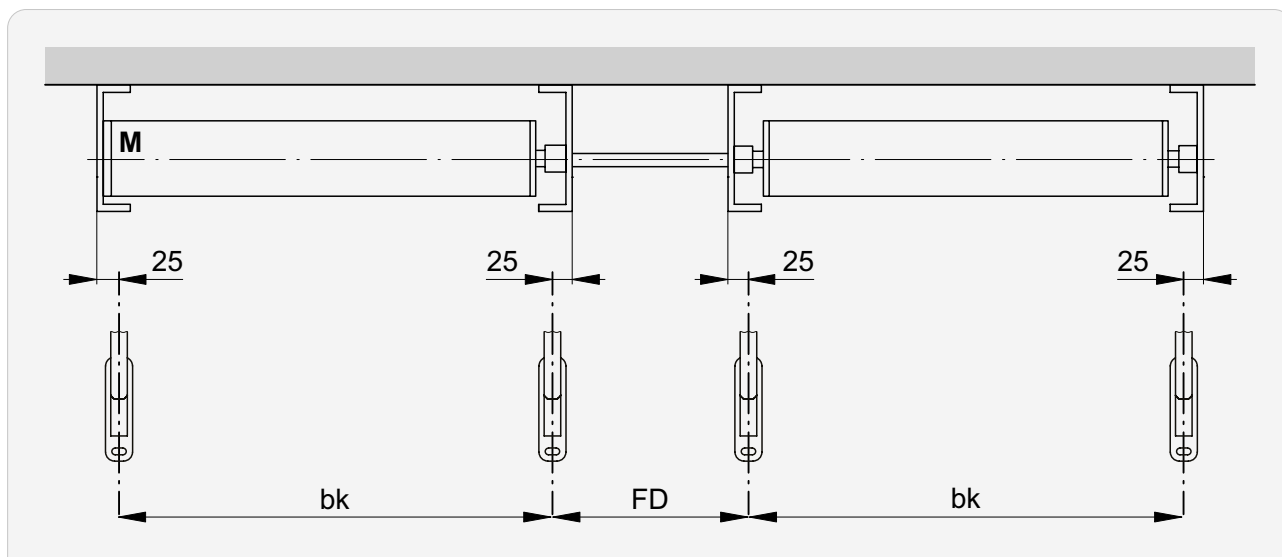
FD

50 ... 150

►► Connected systems

With motor drive

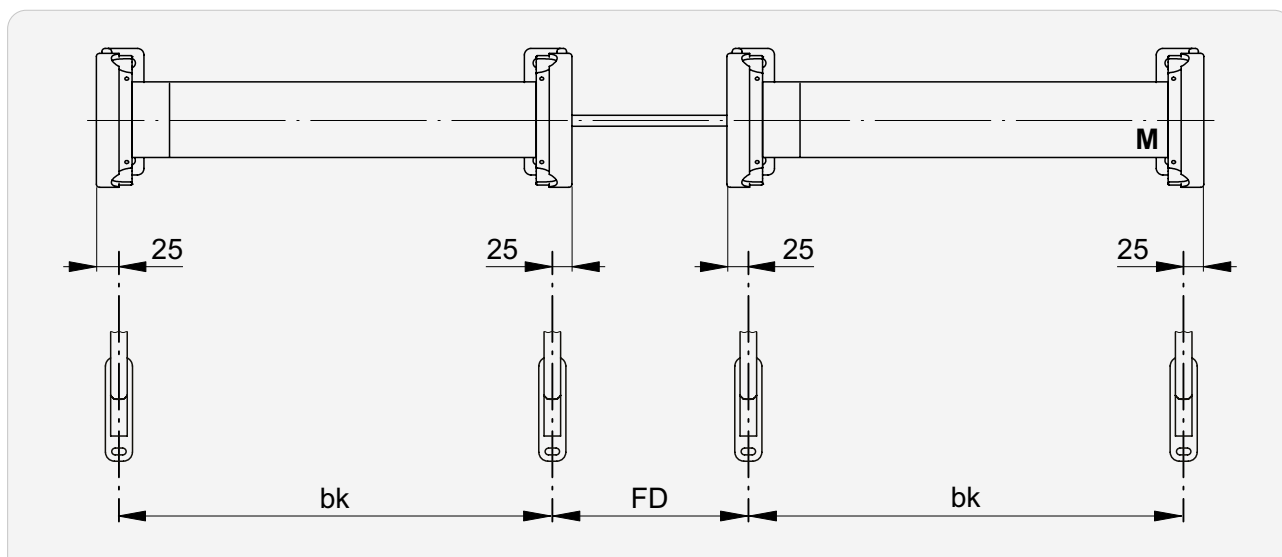
Conventional



FD

50 ... 150

Box



FD

50 ... 150



Soloscreen®

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Rail guide

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Cable guide

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Limit dimensions Soloscreen® Conventional

Single awning

Operation	Width min. (bk)	Width max. (bk)	Height min. (hl)	Height max. (hl)	Surface max. [m²]
Crank drive	600	2800	600	2500 ^{1,3}	7.2
Motor drive	600	2800		3000 ²	8.4
				3000 ^{1,2,3}	

Connected systems

Operation	Width max. (bk)	Blinds max.	Surface max. [m²]
Crank drive	5000	3	10
Motor drive			15

Limit dimensions Soloscreen® Fix

Rail guide

Single awning

Operation	Width min. (bk)	Width max. (bk)	Height min. (hl)	Height max. (hl)	Surface max. [m²]
Crank drive	600	2000	600	2500 ^{1,2,3}	4
Motor drive	600				

Limit dimensions Soloscreen® Box 75 Fix

Rail guide

Single awning

Operation	Width min. (bk)	Width max. (bk)	Height min. (hl)	Height max. (hl)	Surface max. [m²]
Crank drive	600	2500	600	2800 ^{1,2,3}	6.25
Motor drive	600	2500		2500 ^{1,3}	
				2800 ²	

¹ Collection Screen Satiné 5500

² Collection Soltis 86 and 92

³ Collection Soltis B92 and B702

Limit dimensions Soloscreen® Box 65

Single awning

Operation	Width min. (bk)	Width max. (bk)	Height min. (hl)	Height max. (hl)	Surface max. [m²]
Crank drive	600	2400	600	2000 ¹ 2500 ³ 3000 ²	7.2

Connected systems

Operation	Width max. (bk)	Blinds max.	Surface max. [m²]
Crank drive	3000	3	6.9 ¹ 7.5 ³ 9 ²

Limit dimensions Soloscreen® Box 75

Single awning

Operation	Width min. (bk)	Width max. (bk)	Height min. (hl)	Height max. (hl)	Surface max. [m²]
Crank drive	600	2800	600	2500 ¹ 2500 ³ 3000 ²	8.4

Connected systems

Operation	Width max. (bk)	Blinds max.	Surface max. [m²]
Crank drive	4000	3	10
Motor drive			12

¹ Collection Screen Satiné 5500

² Collection Soltis 86 and 92

³ Collection Soltis B92 and B702

Limit dimensions Soloscreen® Box 90

Single awning

Operation	Width min. (bk)	Width max. (bk)	Height min. (hl)	Height max. (hl)	Surface max. [m ²]
Crank drive	600	2800	600	3000 ^{1,2,3}	8.4
Motor drive	600				

Connected systems

Operation	Width max. (bk)	Blinds max.	Surface max. [m ²]
Crank drive	5000	3	10
Motor drive			15

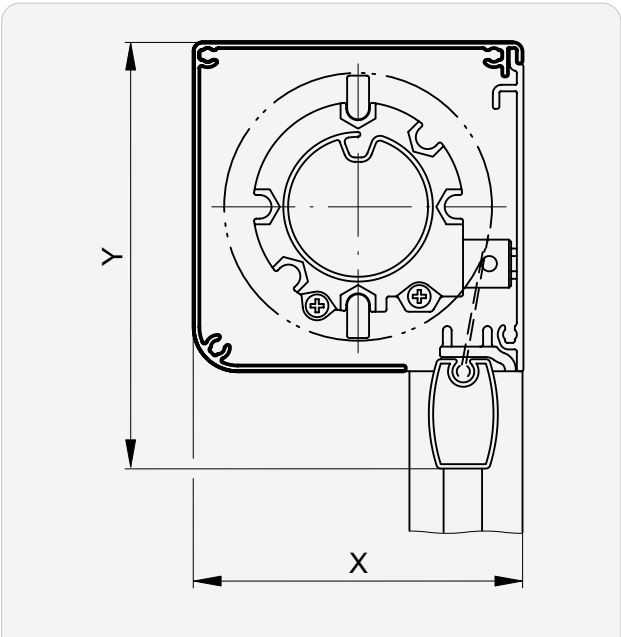
¹ Collection Screen Satiné 5500

² Collection Soltis 86 and 92

³ Collection Soltis B92 and B702

Box versions

Box 75 Fix

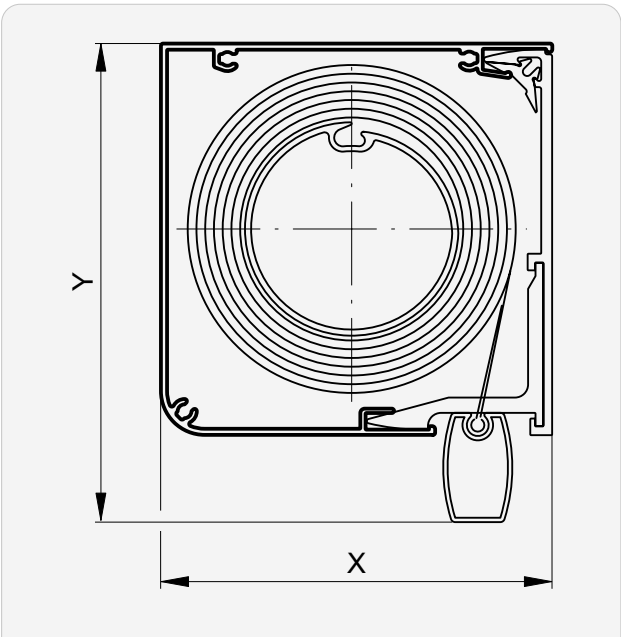


Version	X	Y
Box 75 Fix	75	97



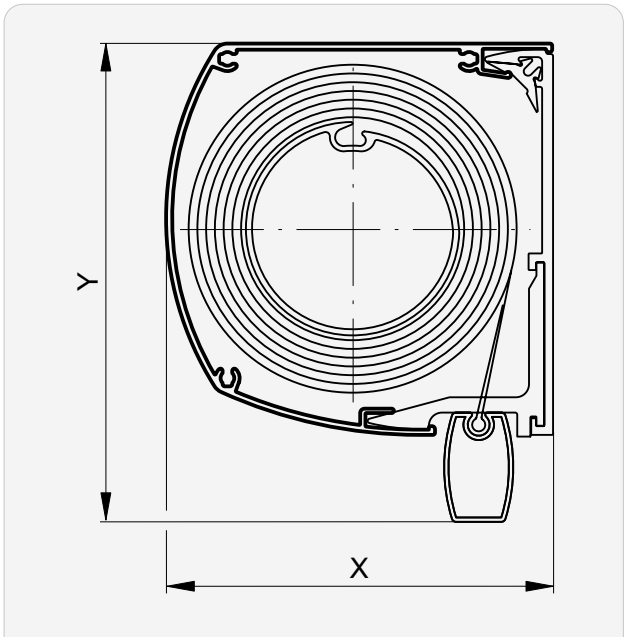
The Soloscreen® Fix version is fitted without a separate box fastening. The box is fastened directly on the guides.

Box square



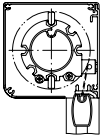
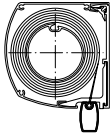
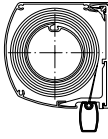
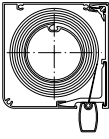
Version	X	Y
Box 90	90	110

Box Design



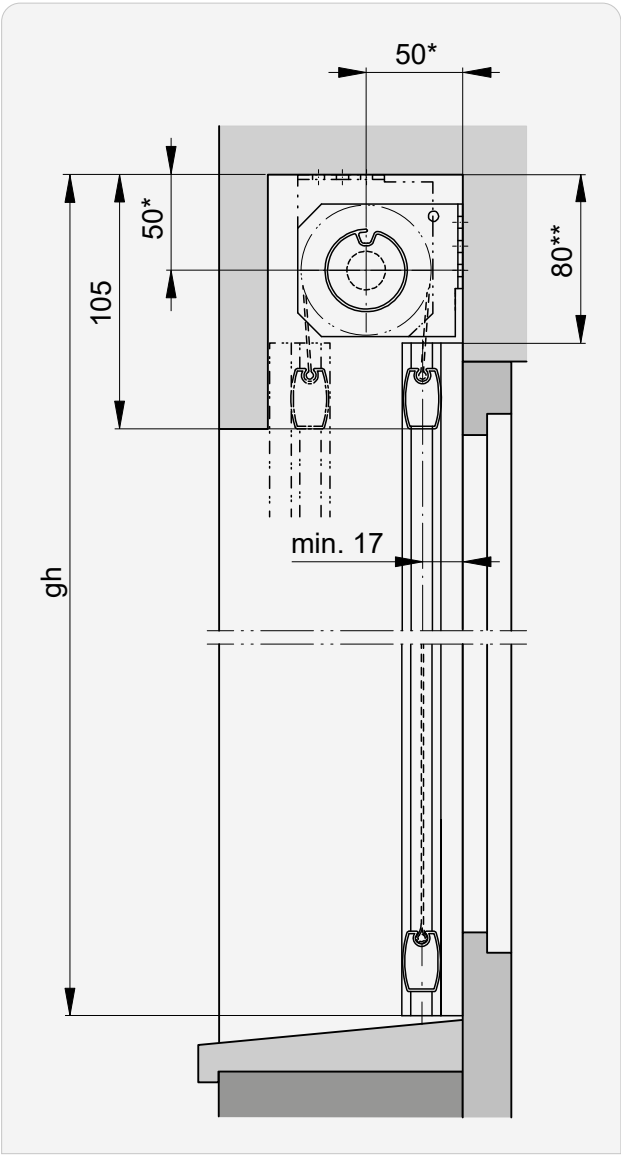
Version	X	Y
Box Design 65	68.5	85
Box Design 75	77.2	97
Box Design 90	89	110

Style overview

Box Shape				
Dimension	75 mm Fix	65 mm	75 mm	90 mm
Operation				
Crank drive	●	●	●	●
Motor drive	●	—	●	●
Box with plug coupling				
behind box	—	—	—	●
Guide type				
Guide rails	●	●	●	●
Guide cable	—	●	●	●

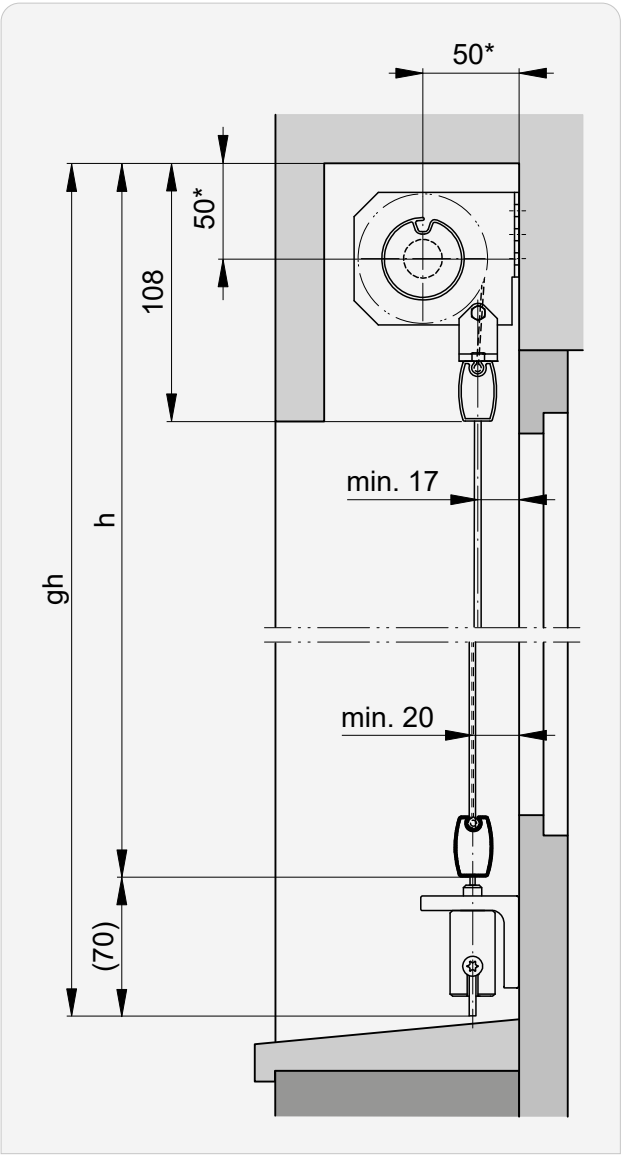
Built-in system

Vertical section: Guide rail conventional



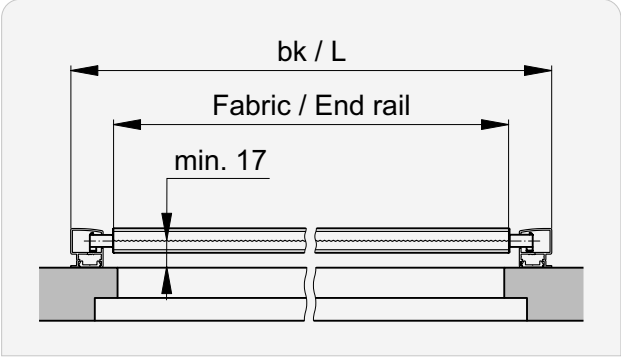
* Crank drive: 40 ** Crank drive: 70

Vertical section: Guide cable

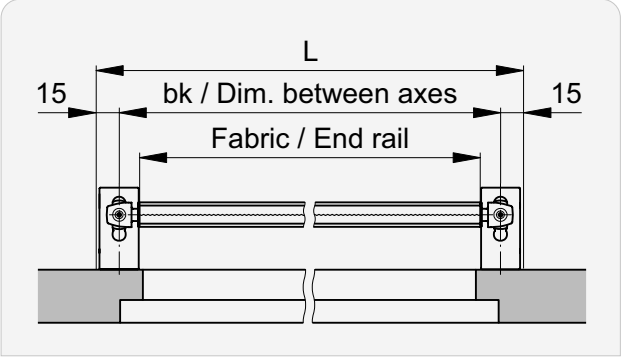


* Crank drive: 40

Horizontal section: Guide rail conventional

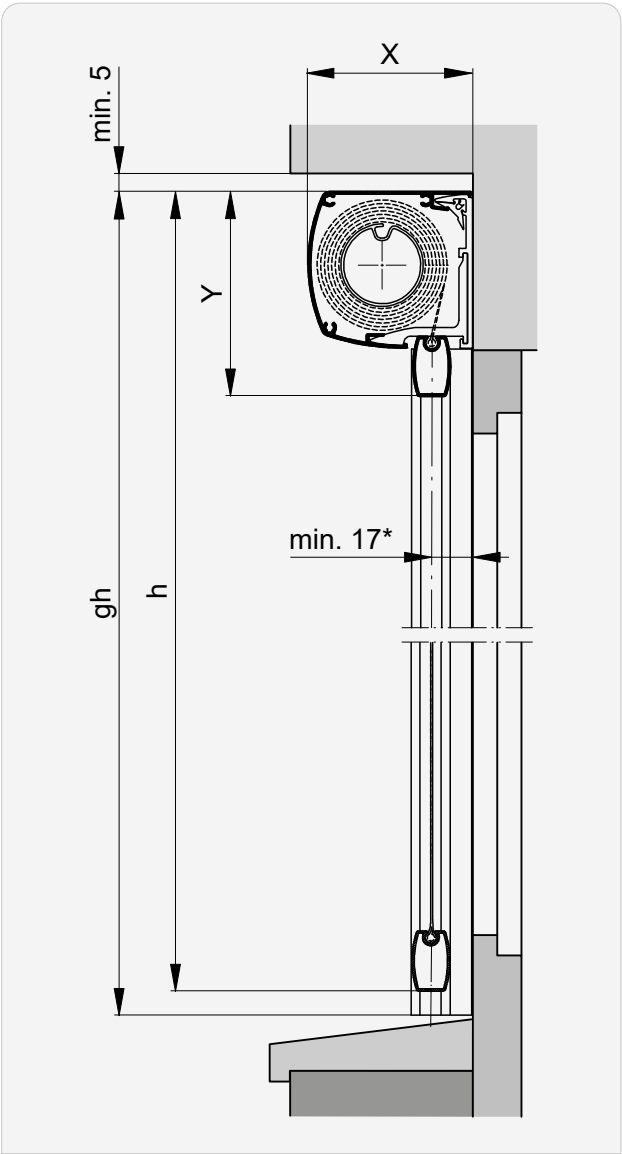


Horizontal section: Guide cable



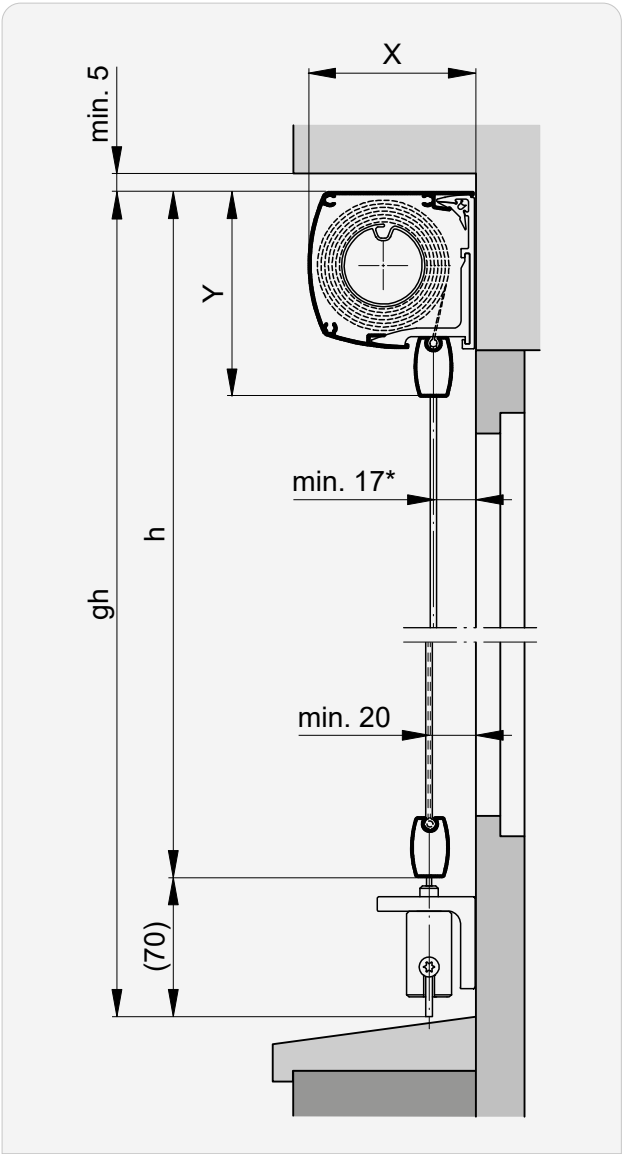
Installation system with box

Vertical section: Guide rail



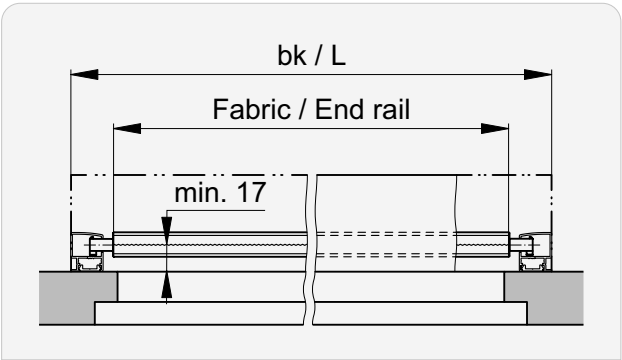
* with profile Hirschmann: min. 42

Vertical section: Guide cable

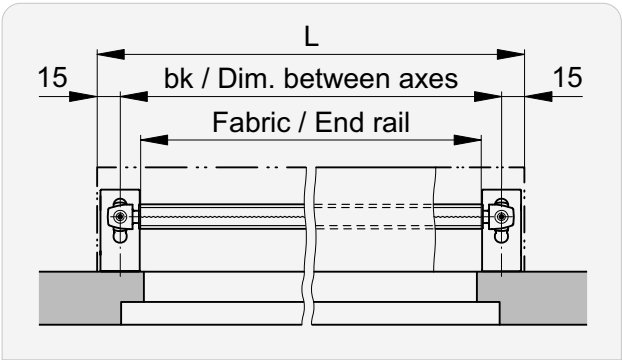


* with profile Hirschmann: min. 42

Horizontal section: Guide rail

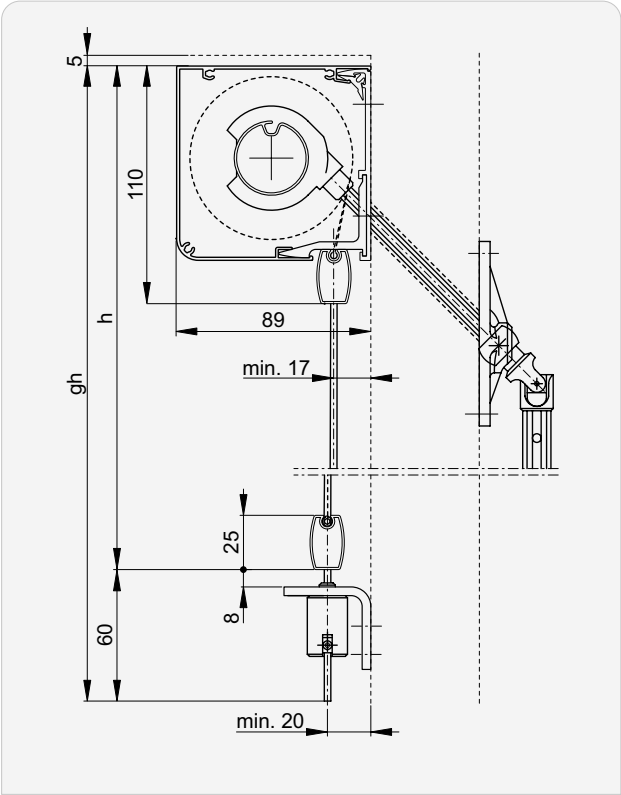


Horizontal section: Guide cable

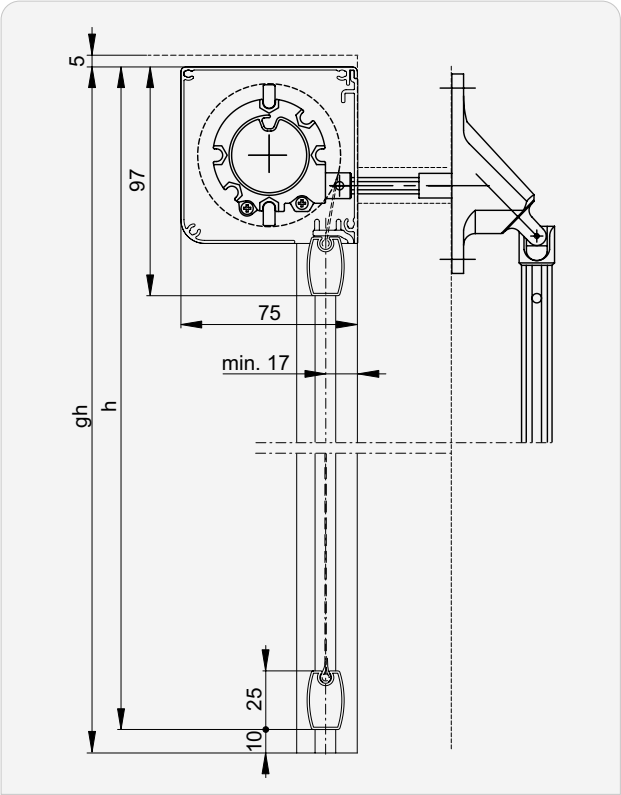


►► Installation system with box

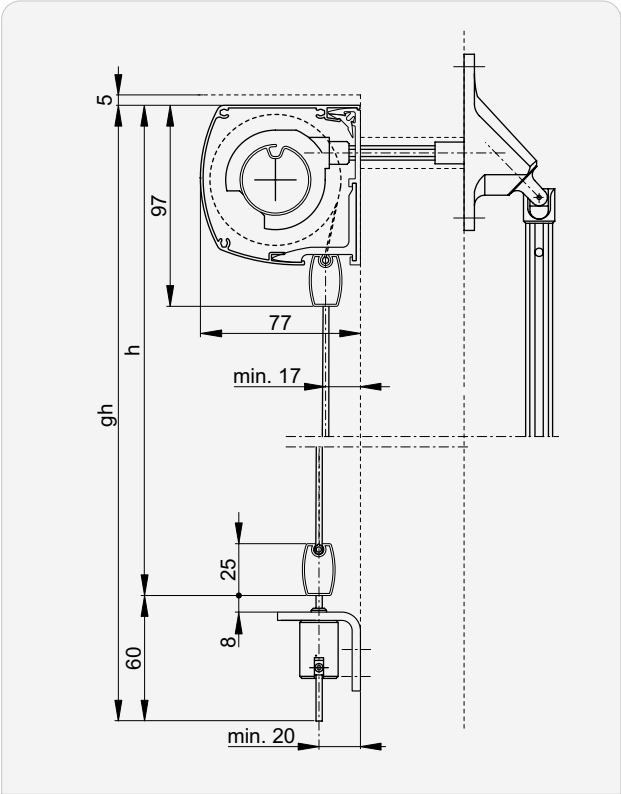
Vertical section: Box square 90



Vertical section: Box square 75

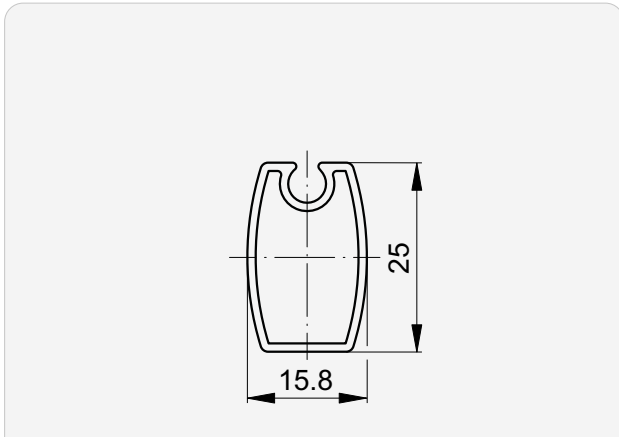


Vertical section: Box Design 75



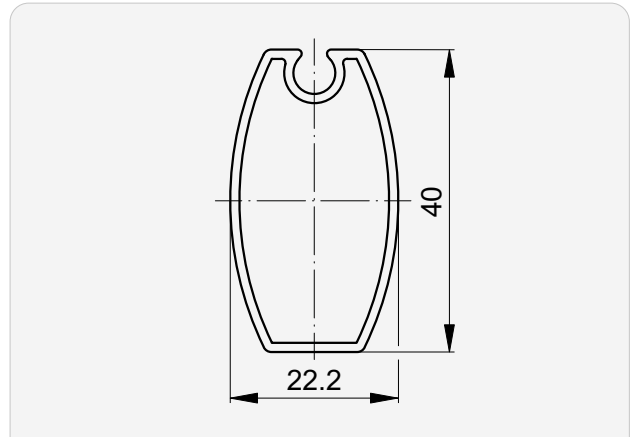
Bottom rails

Type 25



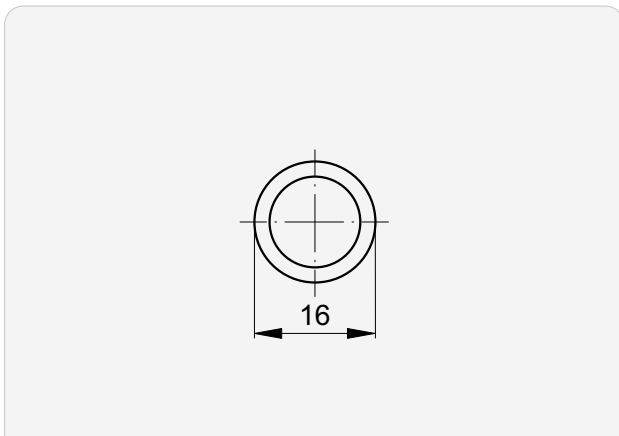
i $L \leq 2400$.

Type 40



i $L > 2400$

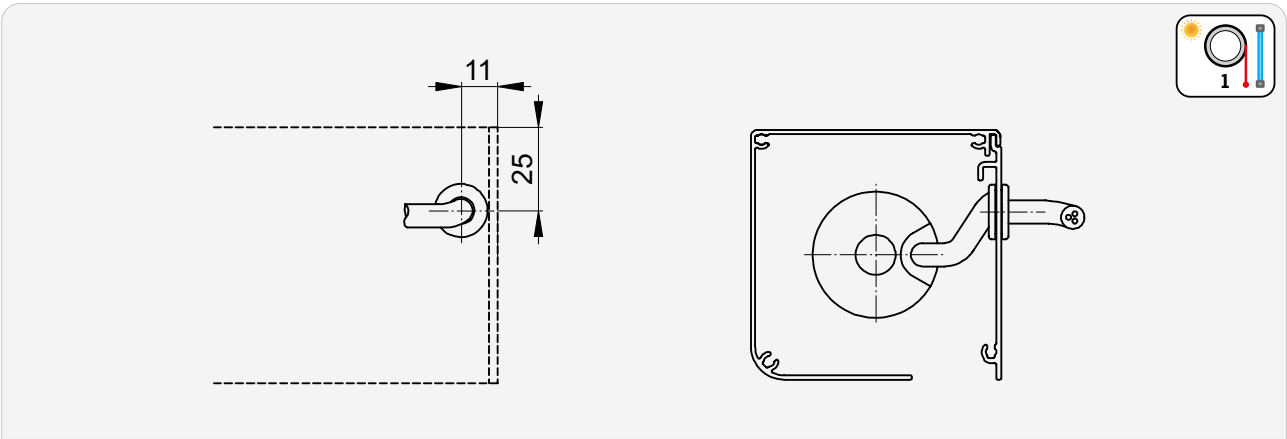
Fix



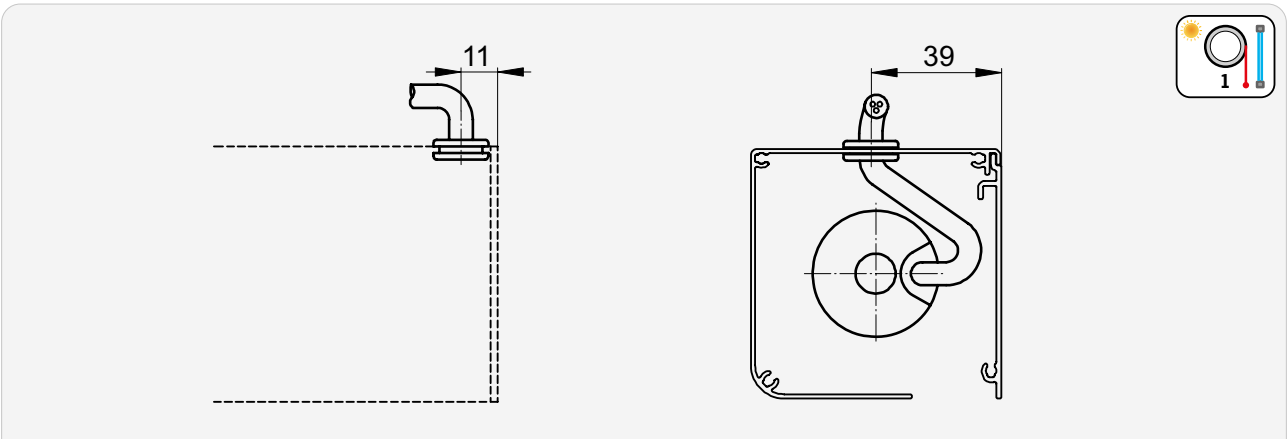
Motor cable outlet

Soloscreen® Box 75 Fix

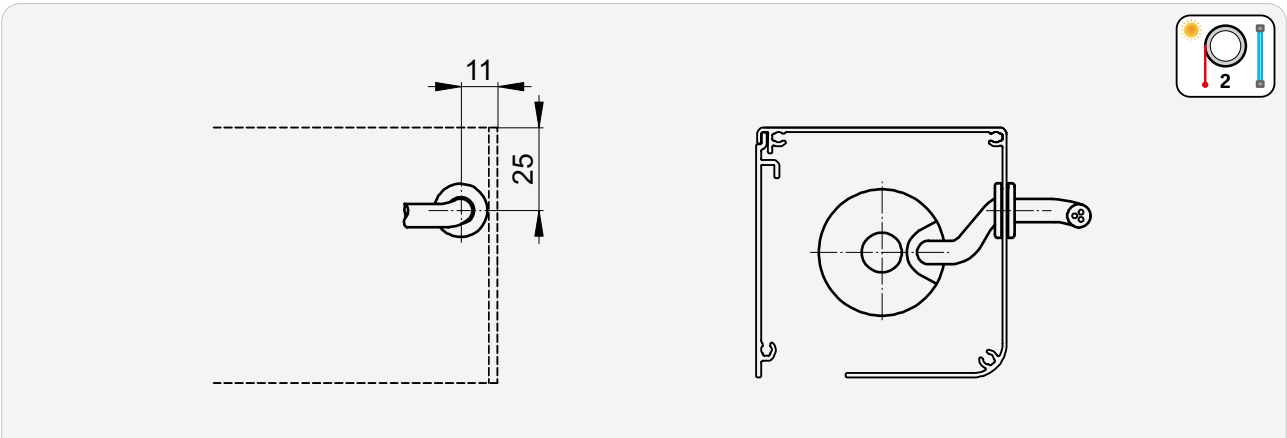
Type 6



Type 8



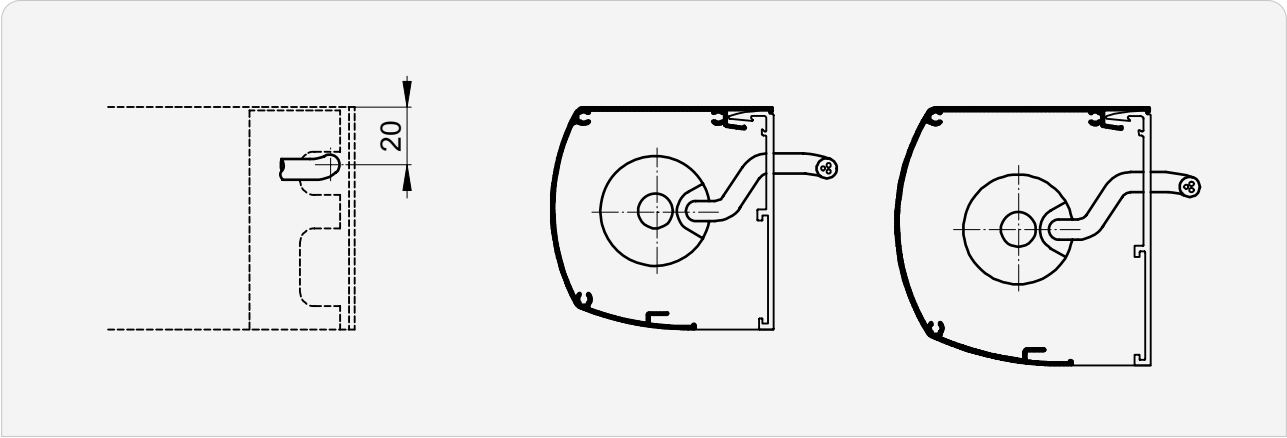
Type 6



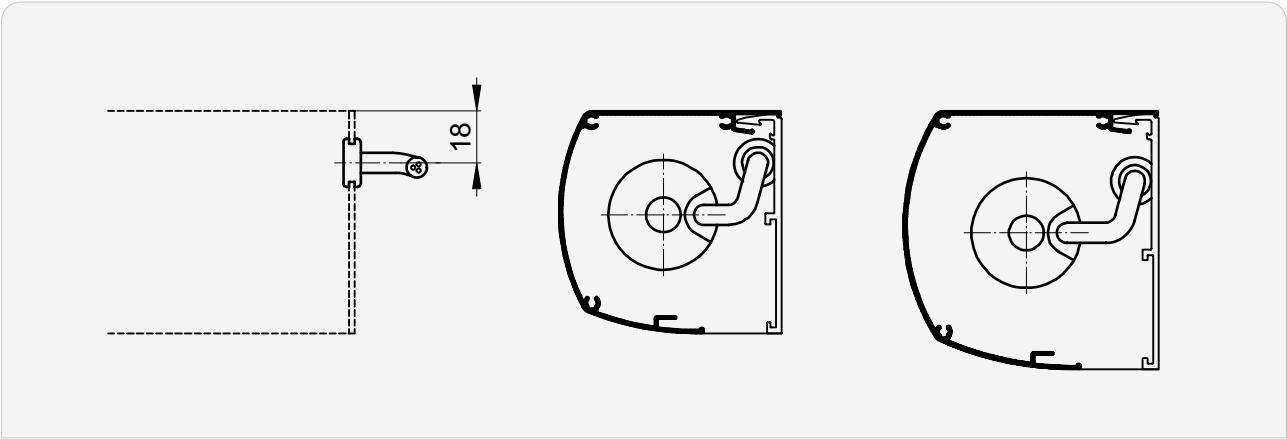
►► Motor cable outlet

Soloscreen® Box 75 | Soloscreen® Box 90

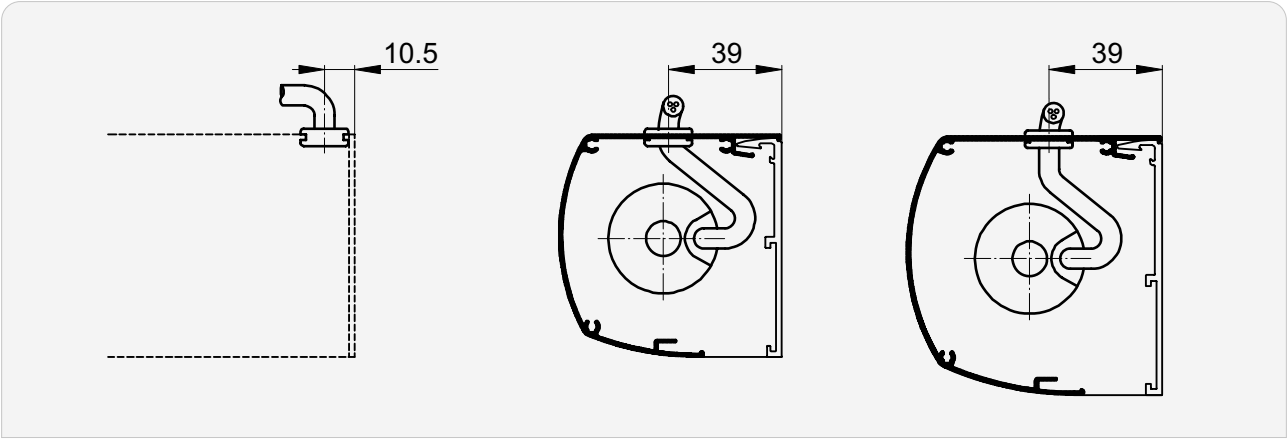
Type 6



Type 7

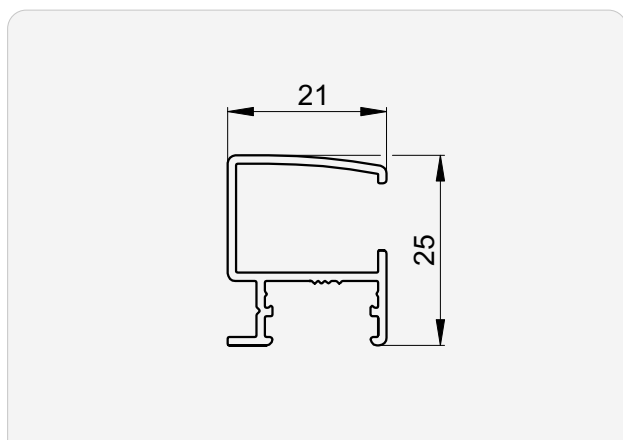


Type 8

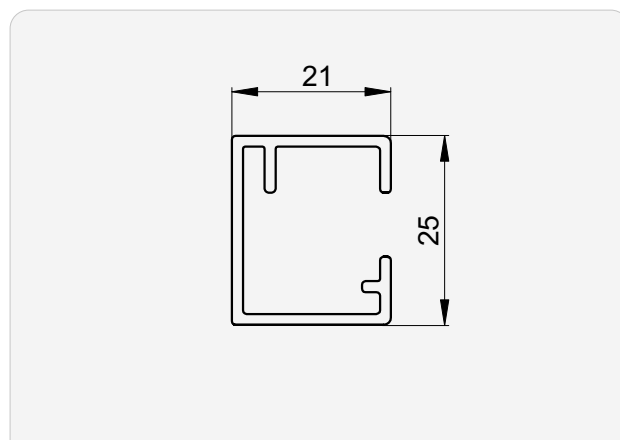


Guide rails

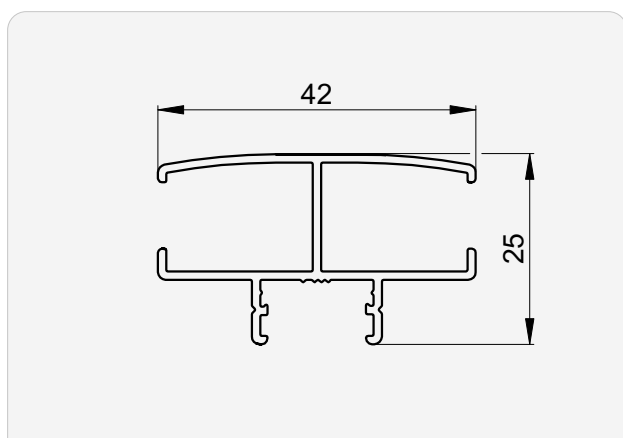
Single rail



Box Fix

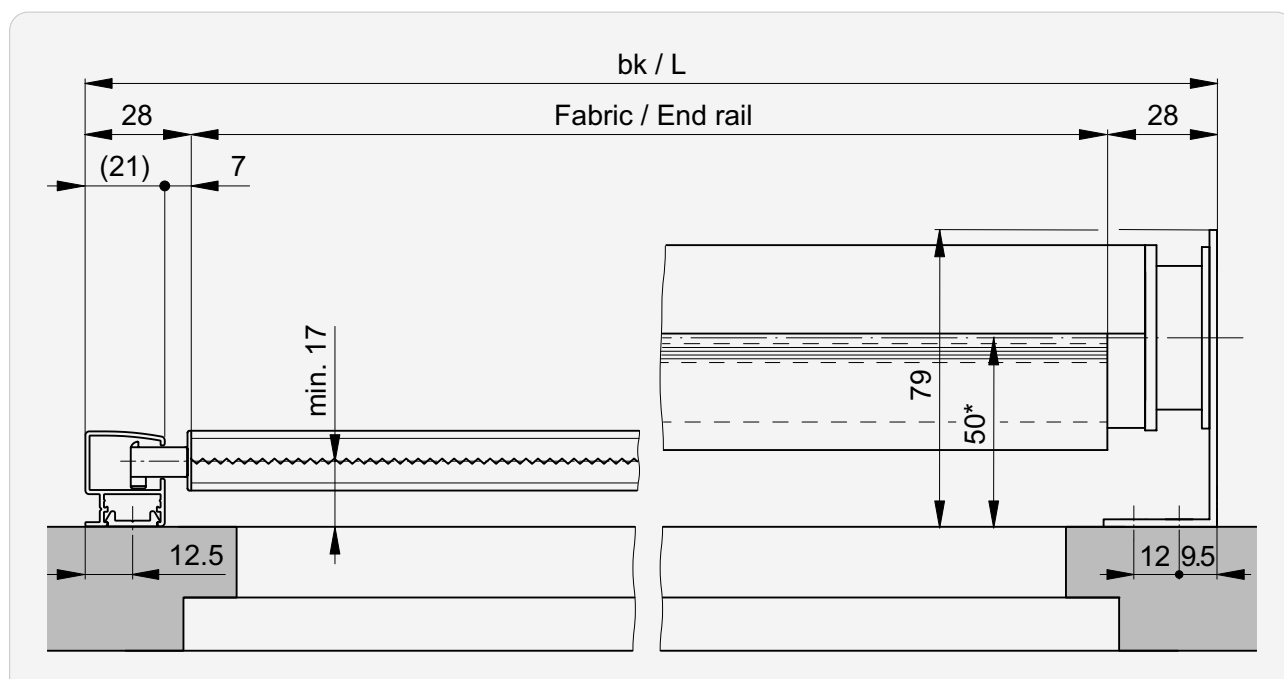


Double rail



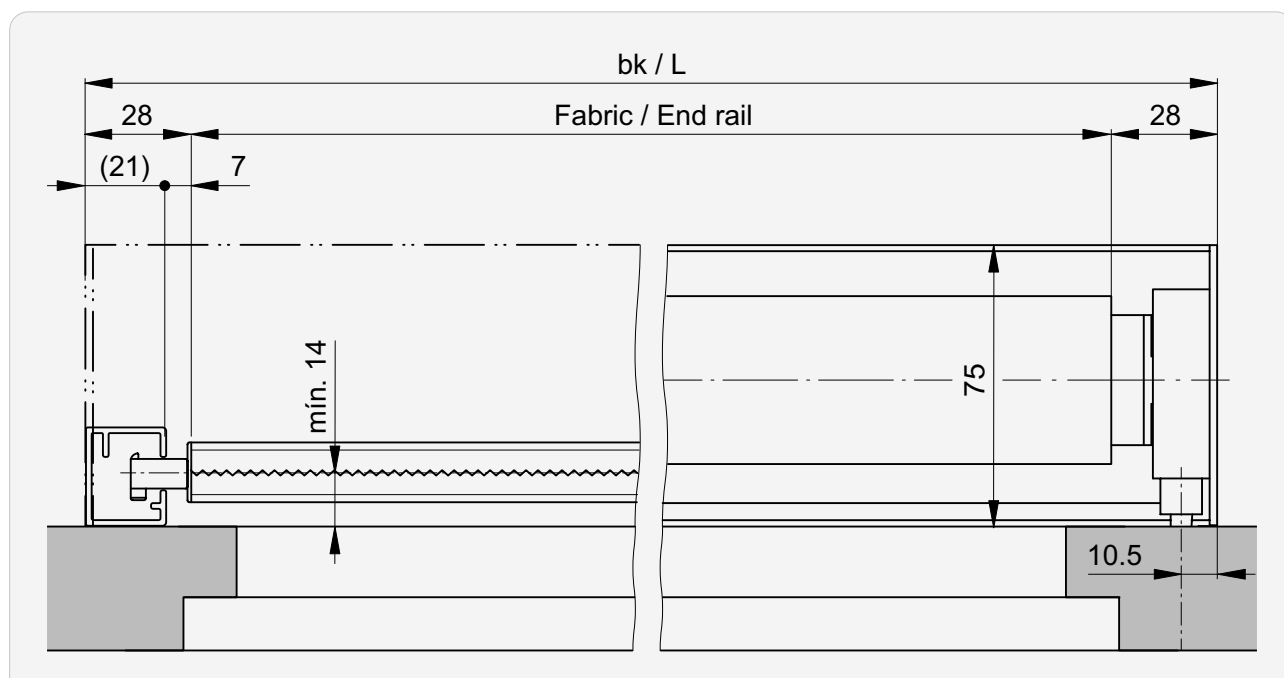
Sections | Details

Horizontal section: Guide rail conventional



* Crank drive: 40

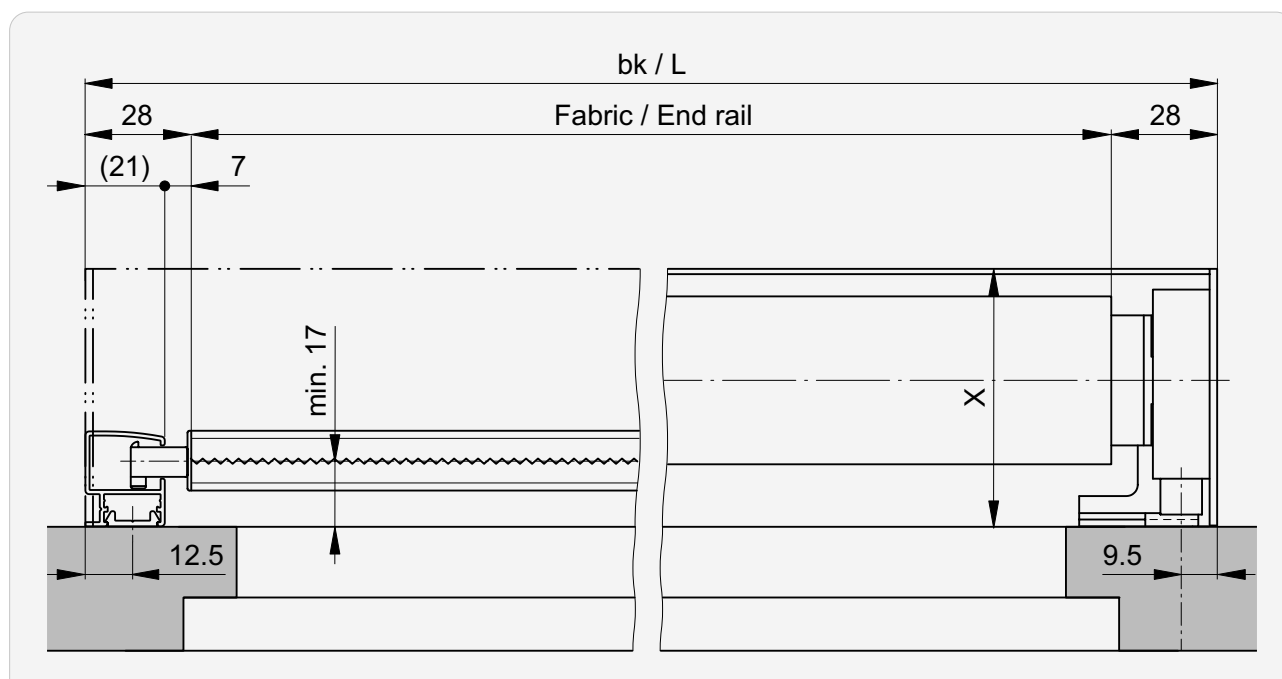
Horizontal section: Box 75 Fix



►► Sections | Details

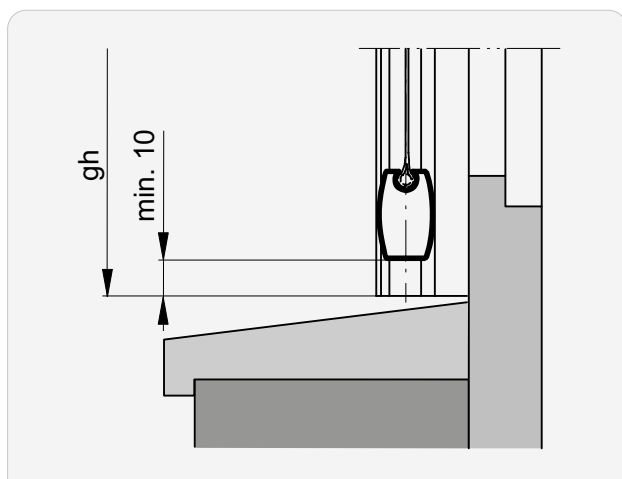
Horizontal section: Box square, Box Design

Box 75 Fix



➡ Value for X 137

Detail at bottom



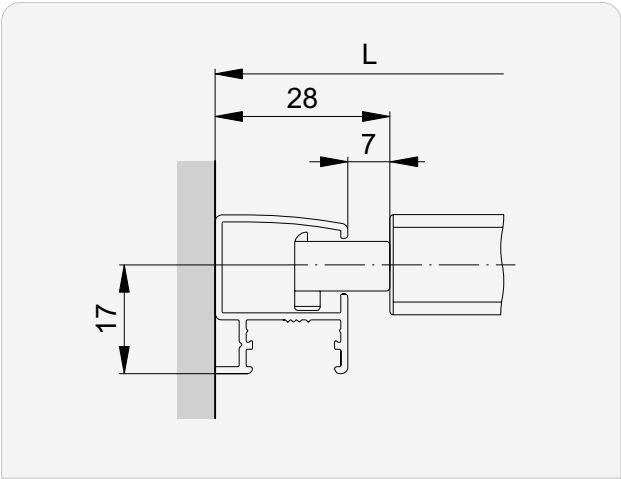
Guide rail fastenings (principle)

Overview

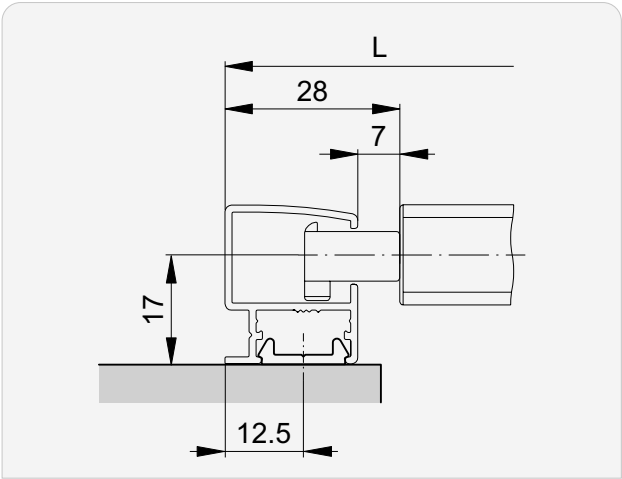
Type											
A	B	Bd	C	Cd	E	F	G	H	I	T	V
●	●	–	–	–	–	●	●	●	○ ¹	–	–

- applicable without restrictions
- applicable with restrictions
- ¹not for **Box Fix**

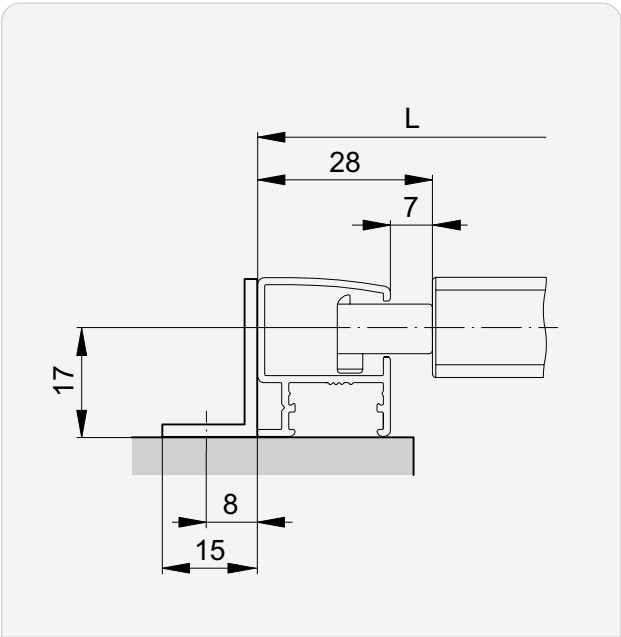
A Soffit installation



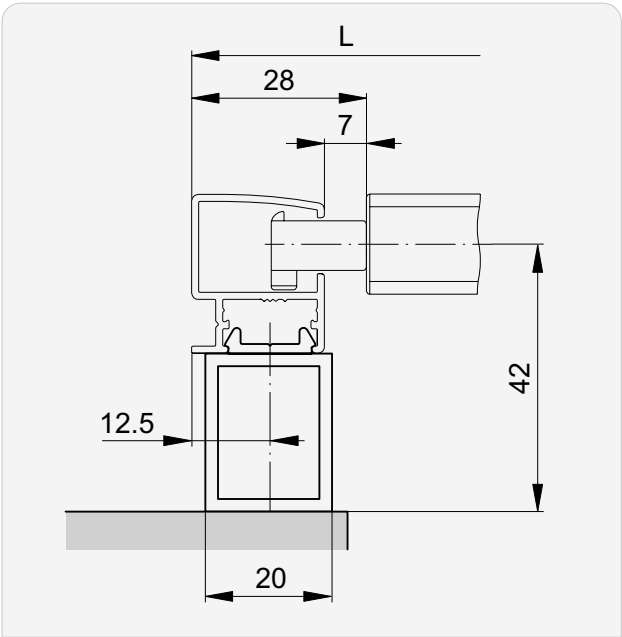
F Installation on facade



B Installation on bracket

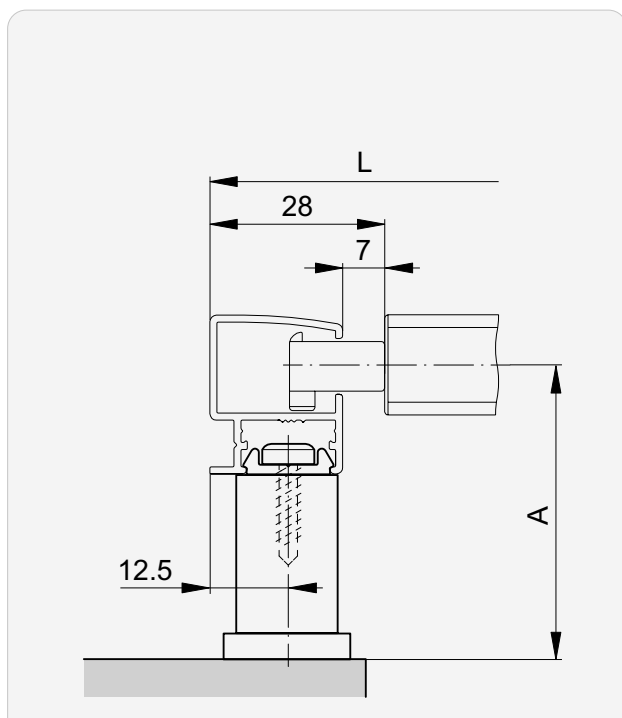


G Installation on pipe profile

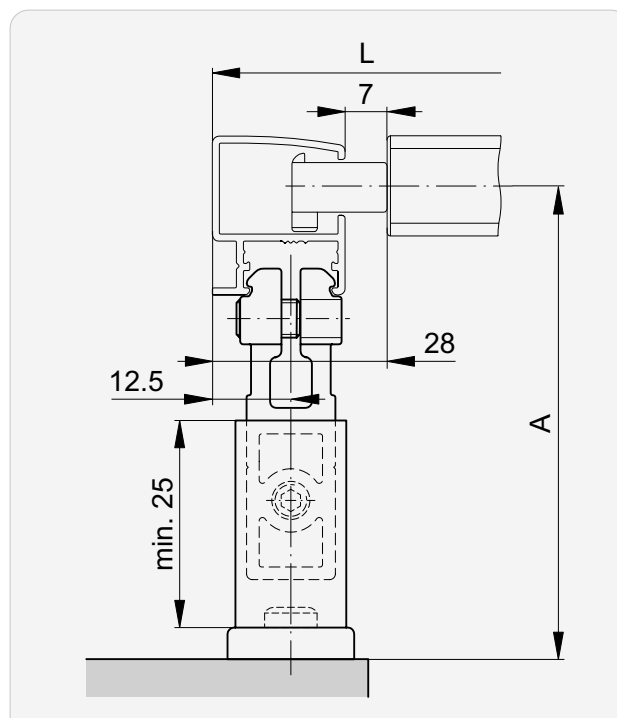


►► Guide rail fastenings (principle)

H Installation on console

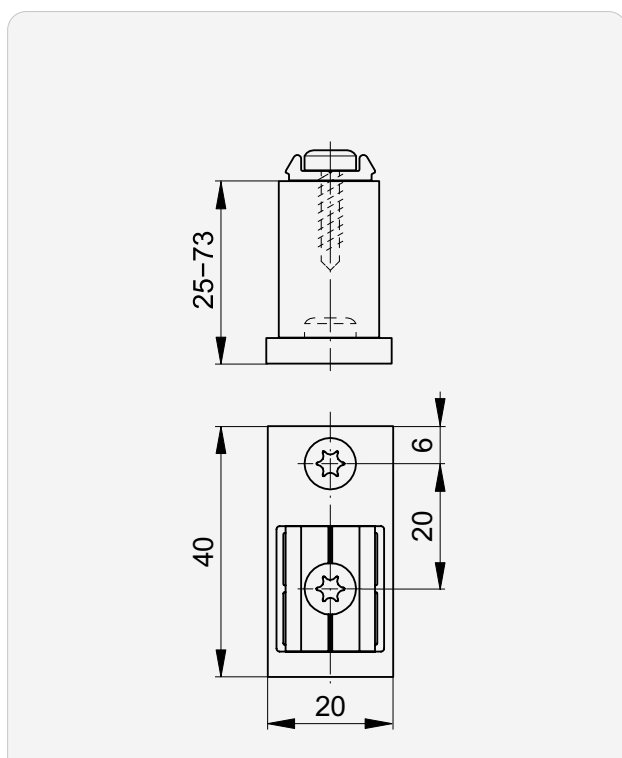


I Installation on adjustable console



Not for Box Fix

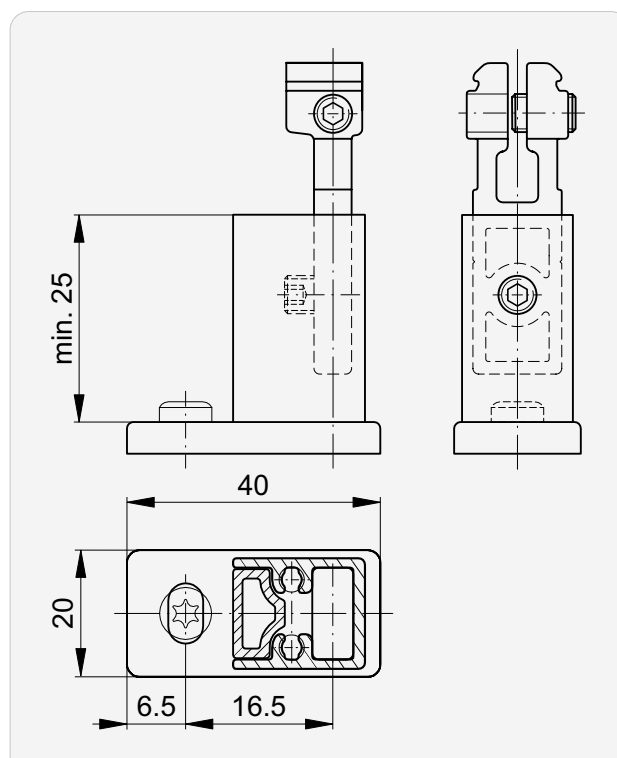
Console for type H



A

42 ... 90

Console for type I

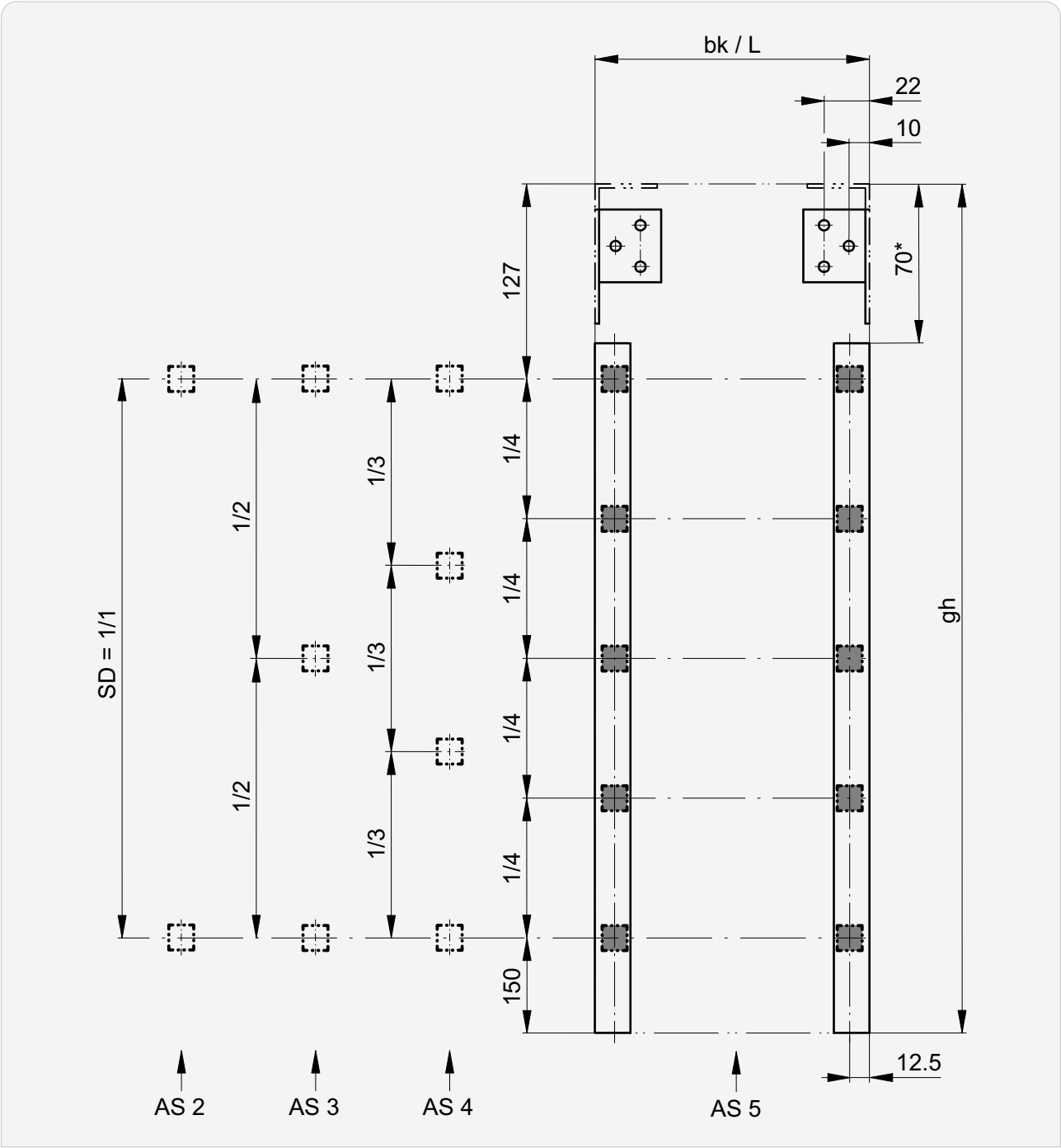


A

57 ... 90

Fastening points Soloscreen® Conventional

gh	AS
≤ 877	2
878...1477	3
1478...2077	4
>2077	5

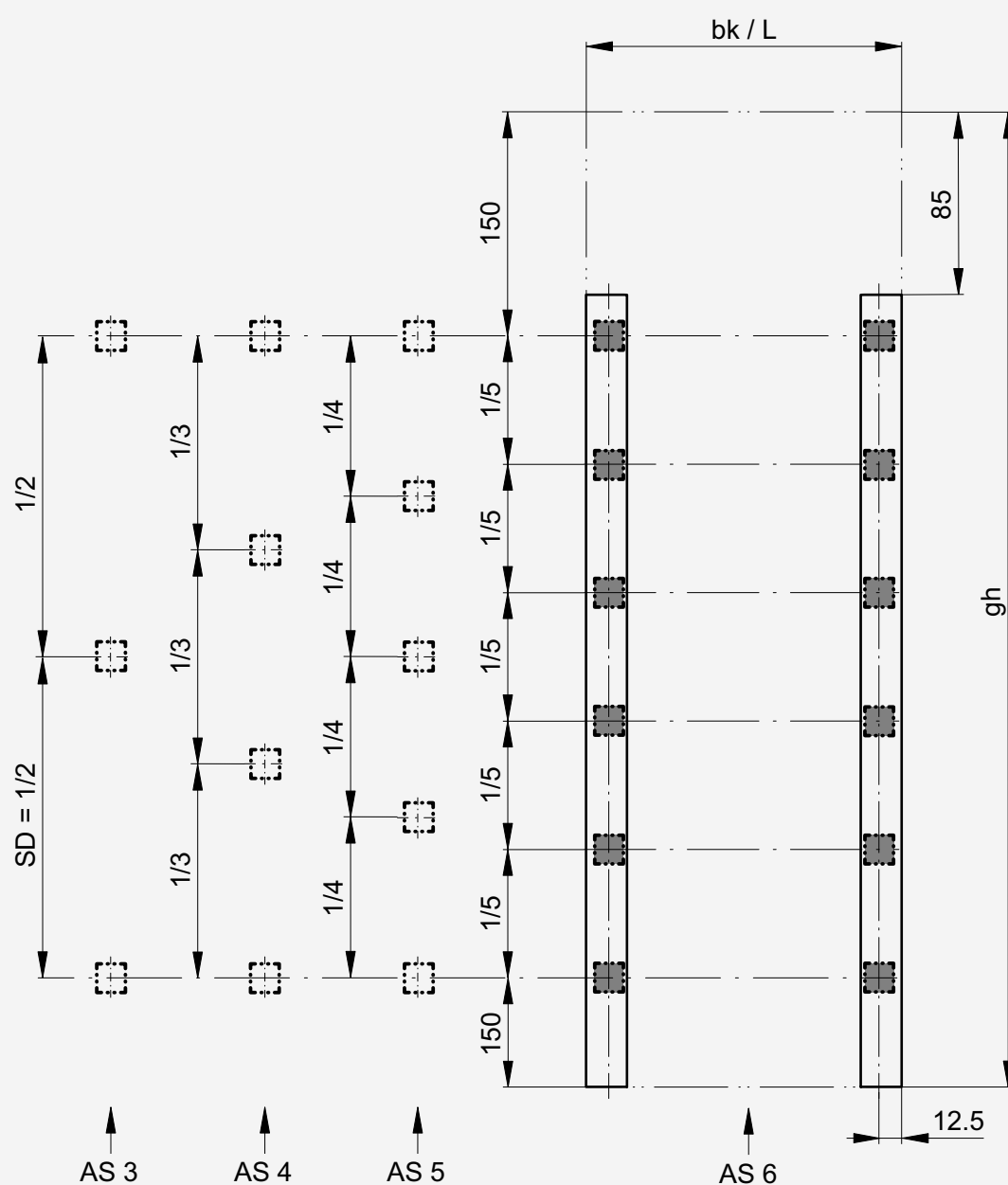


AS Number of holes

SD Spacing of holes

Fastening points Soloscreen® Fix

gh	AS
≤ 877	3
878...1477	4
1478...2077	5
> 2077	6



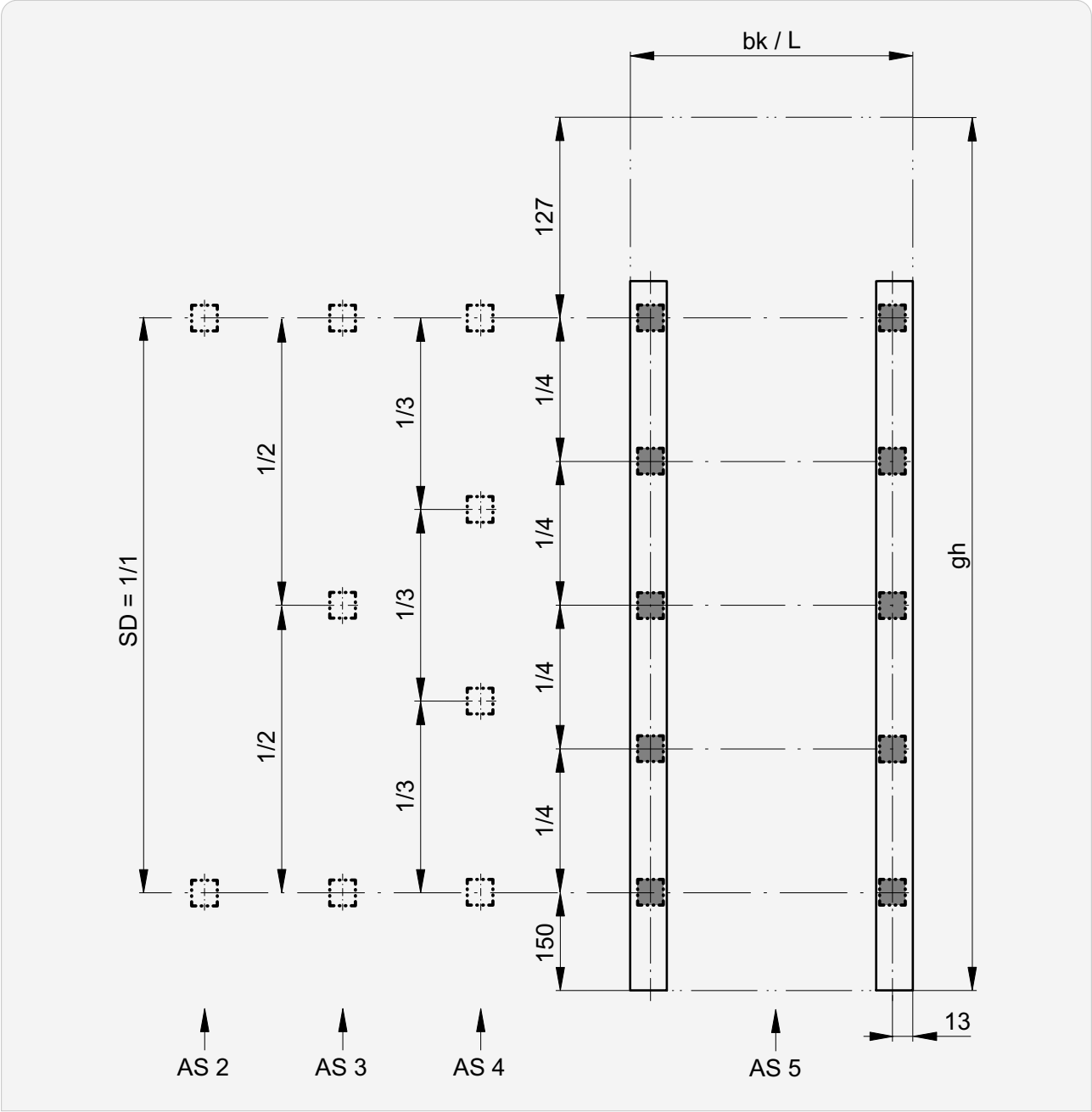
AS Number of holes

SD Spacing of holes

Fastening points Soloscreen® Box

Box Fix

gh	AS
≤ 865	2
866...1465	3
1466...2065	4
>2065	5



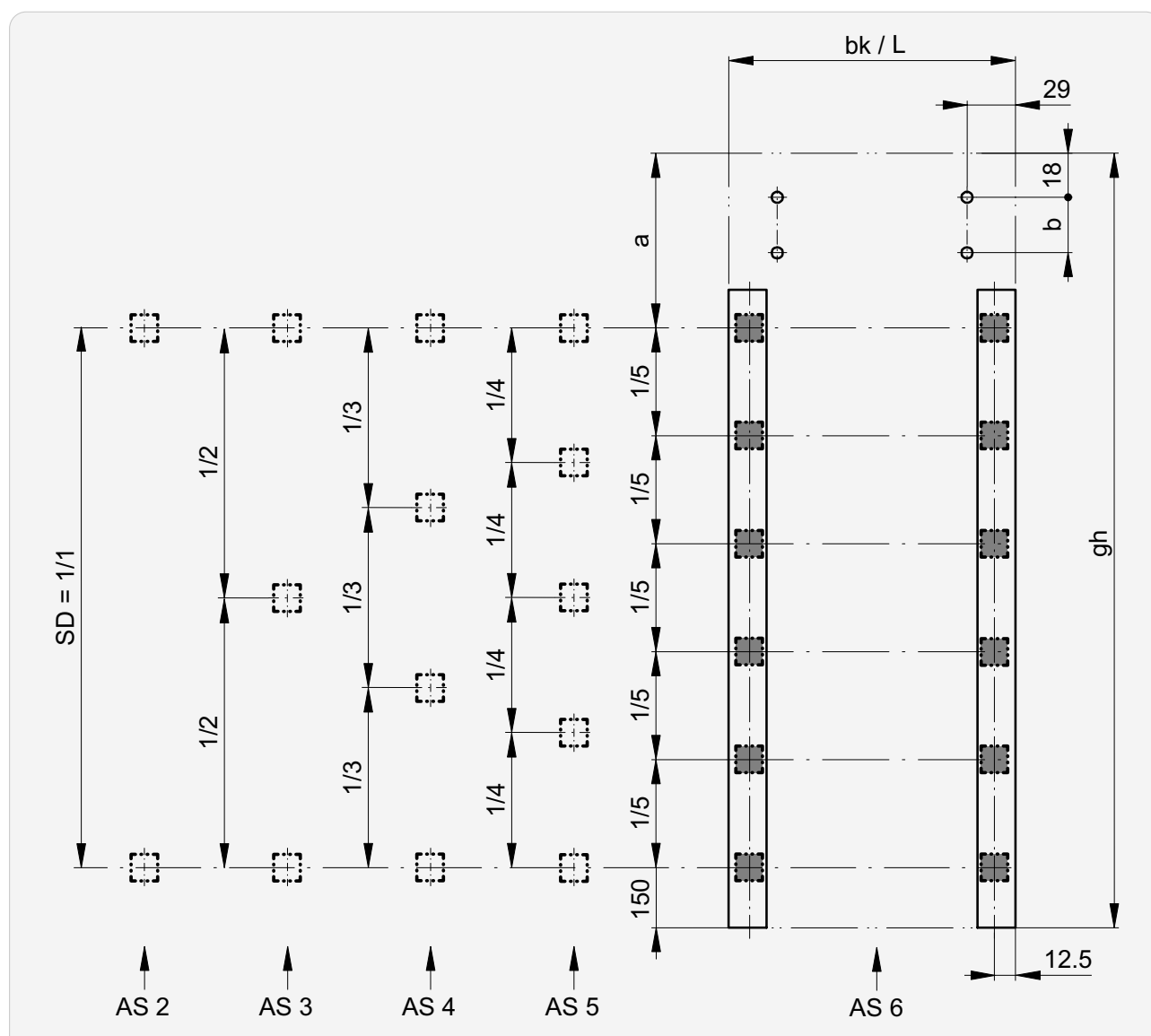
AS Number of holes

SD Spacing of holes

►► Fastening points Soloscreen® Box

Box 65 | Box 75 | Box 90

Version	gh	AS	a	b	Version	gh	AS	a	b
Box 65	≤ 865	2	115	27	Box 75	≤ 877	2	127	39
	866...1465	3				878...1477	3		
	1466...2065	4				1478...2077	4		
	>2065	5				>2078	5		
Version	gh	AS	a	b					
Box 95	≤ 890	2	140	51.5					
	891...1490	3							
	1491...2090	4							
	2091...2690	5							
	>2691	6							

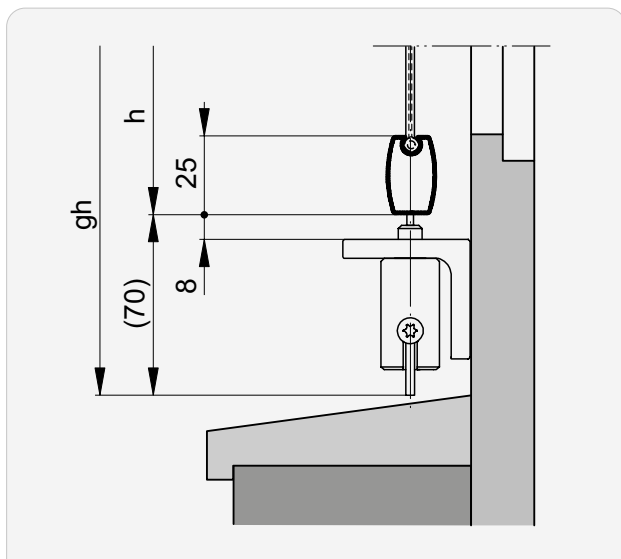


AS Number of holes

SD Spacing of holes

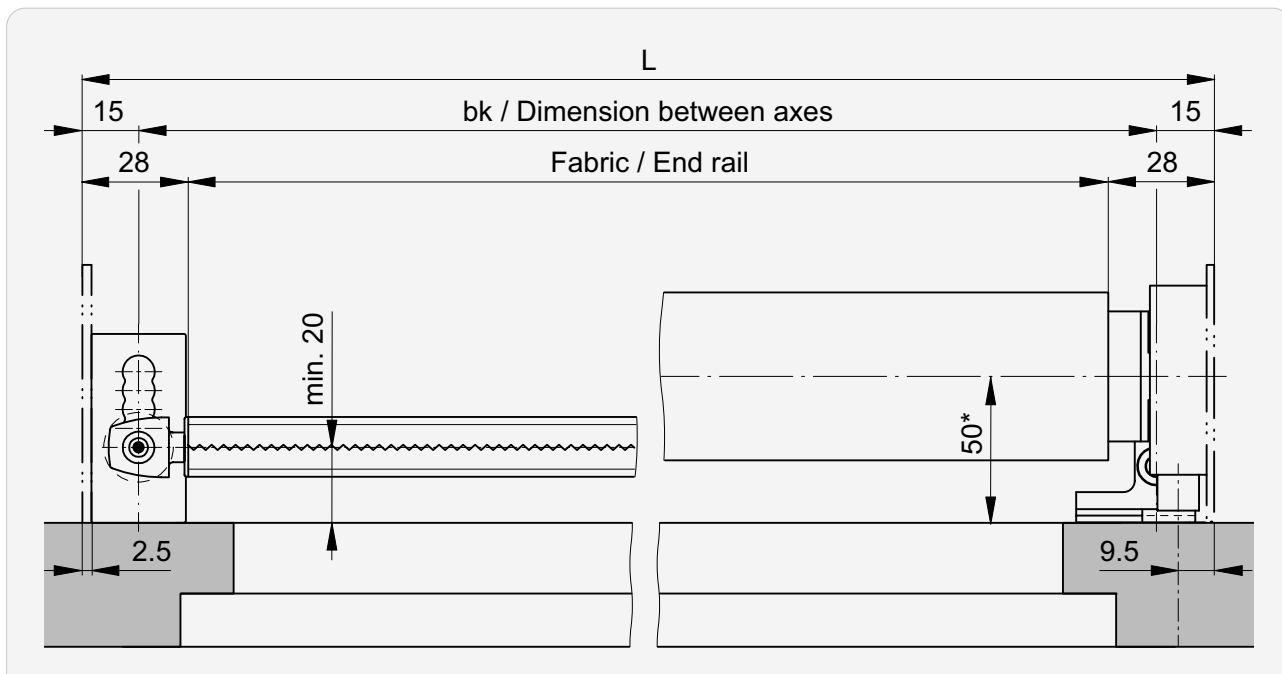
Guide cable

Soffit- / facade mounting



Sections | Details

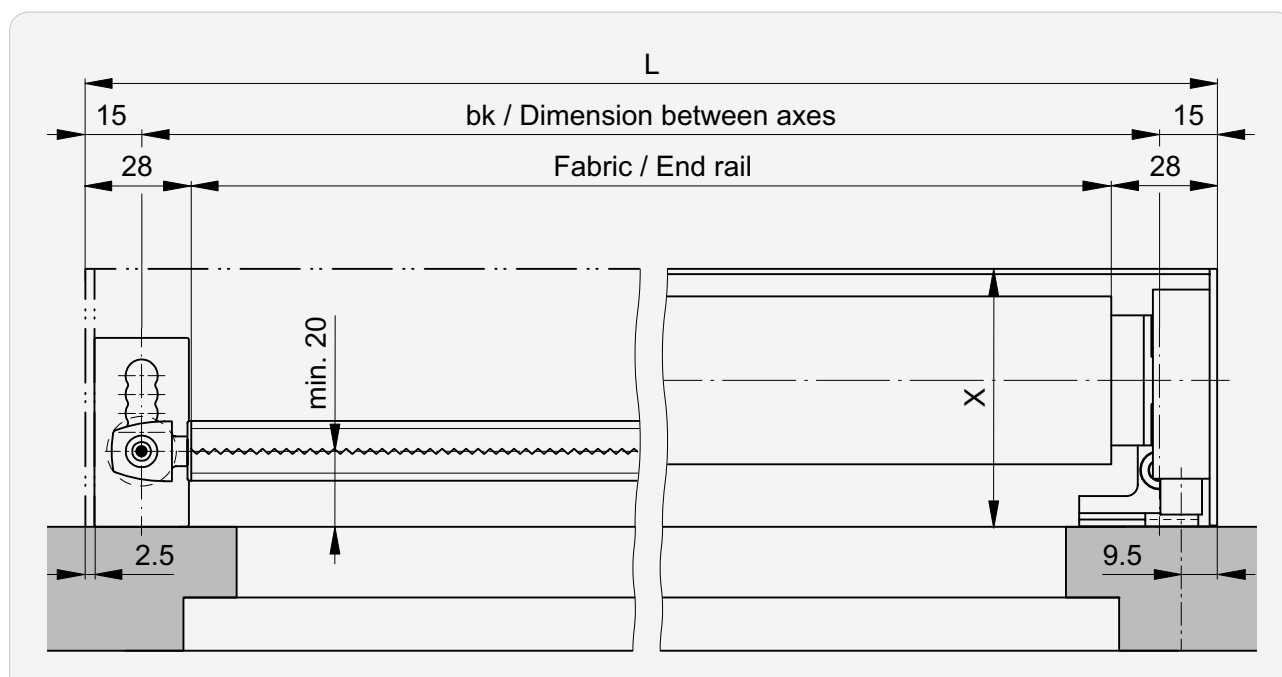
Horizontal section



* Crank drive: 40

►► Sections | Details

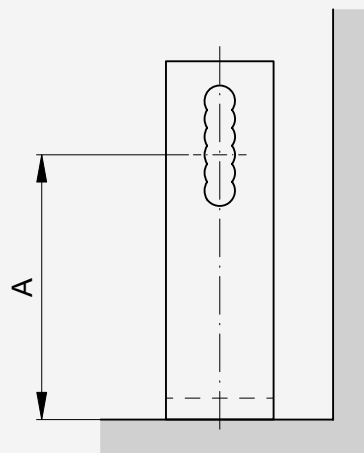
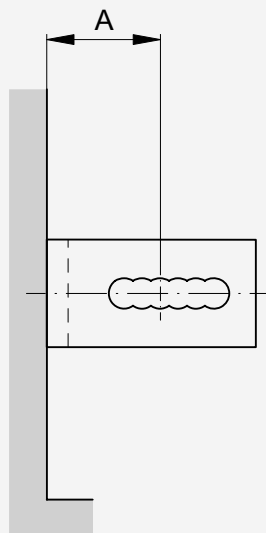
Horizontal section: Box square, Box Design



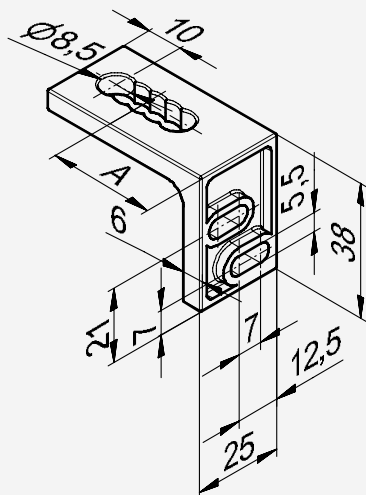
➡ Value for **X** 137

Guide cable fastenings

F Soffit or facade installation



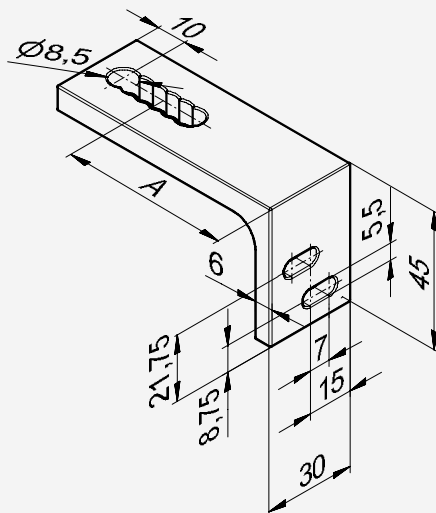
Tensioning bracket 20–40 for type F



A*

20 ... 40

Tensioning bracket 45–70 for type F



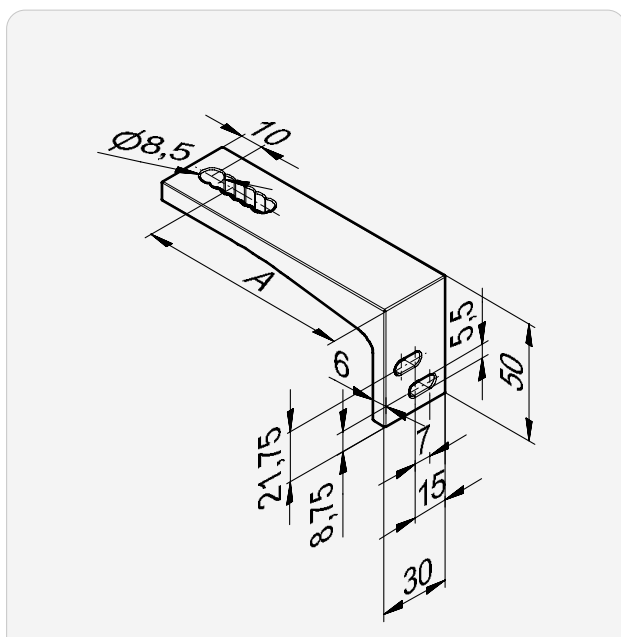
A*

45 ... 70

* in 5 mm steps

►► Guide cable fastenings

Tensioning bracket 75–130 for type F

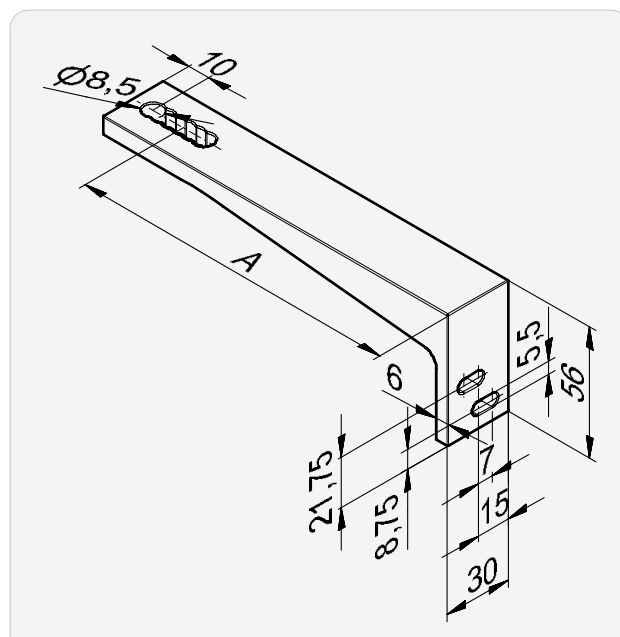


A*

75 ... 100

105 ... 130

Tensioning bracket 135–190 for type F



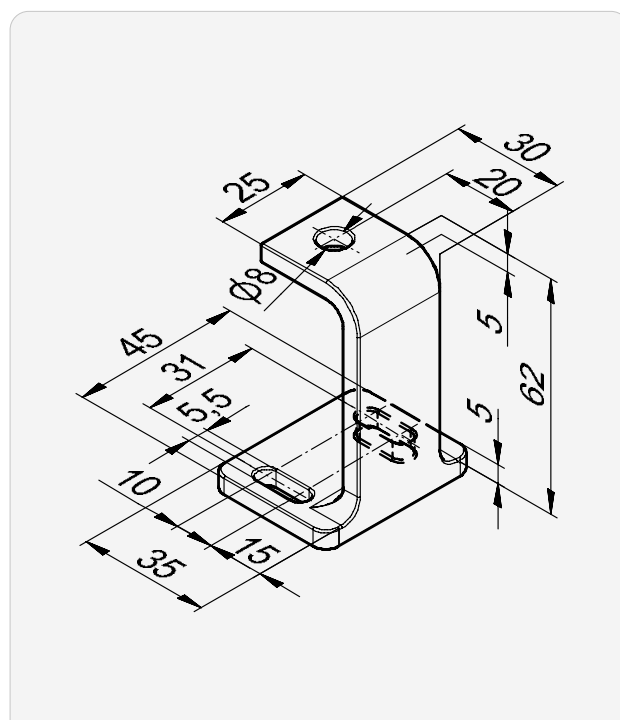
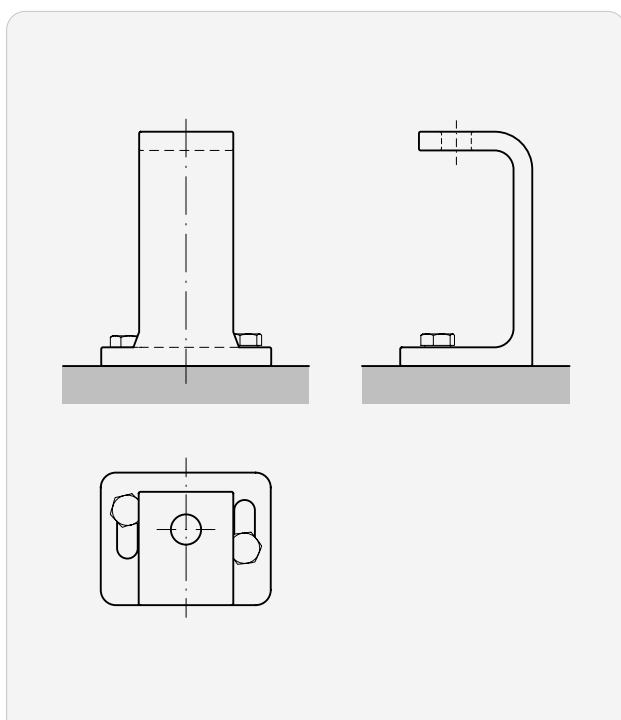
A*

135 ... 160

165 ... 190

* in 5 mm steps

S Windowsill installation





Soloroll® II

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For **indoor use** only.



Limit dimensions Soloroll® II Box 55 | Soloroll® II Box 55 Fix

Single awning



Chain

Polyester with PVC

Fabric collection	Width max. (bk)	Height max. (gh)	Surface max. [m ²]
Tube	Ø34	Ø34	Ø34
Soltis 99	2000	2700	2
Soltis 99 LowE			
Soltis Blackout B99	1500	1500	1.5
Soltis Blackout B990			
Soltis Blackout B702			



Cloth with **horizontal welding seam**, if:
gh > 1700

Polyester without PVC

Fabric collection	Width max. (bk)	Height max. (gh)	Surface max. [m ²]
Tube	Ø34	Ø34	Ø34
40818 Starlet Transparent	2400	2500	2
40985 Starlet Blackout Color	2000	1500	



Cloth with **horizontal welding seam**, if:
gh > 2400

Fiberglass with PVC

Fabric collection	Width max. (bk)	Height max. (gh)	Surface max. [m ²]
Tube	Ø34	Ø34	Ø34
M-Screen 8505	1500	1500	2
Screen Vision 10% ¹	2200		
Satiné 5500 LowE ¹		1200	
Flocké 1120 ²	1500	1500	1.5
Kibo 8500			



Cloth with **horizontal welding seam**, if:
¹ **gh > 2500** and **bk > 2500**
² **gh > 2000**



Strangulation hazard!

Limit dimensions Soloroll® II Box 70 | Soloroll® II Box 70 Fix

Single awning



Chain

Polyester with PVC

Fabric collection	Width max. (bk)	Height max. (gh)	Surface max. [m ²]
Tube	Ø34	Ø34	Ø34
Soltis 99	2400	3000	7
Soltis 99 LowE			
Soltis Blackout B99			
Soltis Blackout B990	2200		3
Soltis Blackout B702			



Cloth with **horizontal welding seam**, if:
gh > 1700

Polyester without PVC

Fabric collection	Width max. (bk)	Height max. (gh)	Surface max. [m ²]
Tube	Ø34	Ø34	Ø34
40818 Starlet Transparent	2400	3000	7
40985 Starlet Blackout Color	2000		5.5



Cloth with **horizontal welding seam**, if:
gh > 2400

Fiberglass with PVC

Fabric collection	Width max. (bk)	Height max. (gh)	Surface max. [m ²]
Tube	Ø34	Ø34	Ø34
M-Screen 8505	2200	3000	4
Screen Vision 10% ¹			5.5
Satiné 5500 LowE ¹	2400	2500	3.5
Flocké 1120 ²		3000	4
Kibo 8500	2200	2500	3



Cloth with **horizontal welding seam**, if:
¹ **gh > 2500** and **bk > 2500**
² **gh > 2000**



Strangulation hazard!

►► Limit dimensions Soloroll® II Box 70 | Soloroll® II Box 70 Fix

Single awning

Crank

Polyester with PVC

Fabric collection	Tube	Width max. (bk)		Height max. (gh)		Surface max. [m²]		
		ø34	ø48	ø34	ø48	ø34	ø48	
Soltis 99	2400	2400	2800	3500	3500	7	9	
Soltis 99 LowE			2800 2400*	3000	2000		6 5*	
Soltis Blackout B99								
Soltis Blackout B990	2200	2200	2600 2400*	2500	2000	7	5.5	
Soltis Blackout B702								



Cloth with **horizontal welding seam**, if:
gh > 1700

* Version Fix

Polyester without PVC

Fabric collection	Tube	Width max. (bk)		Height max. (gh)		Surface max. [m ²]	
		ø34	ø48	ø34	ø48	ø34	ø48
40818 Starlet Transparent	2000	2400	2800	3500	3500	7	9
40985 Starlet Blackout Color		2000	2400	3000	2000		5.5



Cloth with **horizontal welding seam**, if:
gh > 2400

Fiberglass with PVC

Fabric collection	Tube	Width max. (bk)		Height max. (gh)		Surface max. [m²]	
		ø34	ø48	ø34	ø48	ø34	ø48
M-Screen 8505		2200	2800	3000	2000	7	5.5
Screen Vision 10% ¹					1800		
Satiné 5500 LowE ¹		2400	2800				
Flocké 1120 ²					2000		
Kibo 8500		2200	2800 2400*	2500			



Cloth with **horizontal welding seam**, if:
¹ **gh > 2500 and bk > 2500**
² **gh > 2000**

* Version Fix

►► Limit dimensions Soloroll® II Box 70 | Soloroll® II Box 70 Fix

Single awning

Motor

Polyester with PVC

Fabric collection	Width max. (bk)	Height max. (gh)	Surface max. [m ²]
Tube	Ø48	Ø48	Ø48
Soltis 99	2800	3500	9
Soltis 99 LowE			
Soltis Blackout B99	2800 2400*		
Soltis Blackout B990		2000	5.5
Soltis Blackout B702	2600 2400*		

i Cloth with **horizontal welding seam**, if:
gh > 1700

* Version Fix

Polyester without PVC

Fabric collection	Width max. (bk)	Height max. (gh)	Surface max. [m ²]
Tube	Ø48	Ø48	Ø48
40818 Starlet Transparent	2800	3500	9
40985 Starlet Blackout Color	2400	2500	5.5

i Cloth with **horizontal welding seam**, if:
gh > 2400

Fiberglass with PVC

Fabric collection	Width max. (bk)	Height max. (gh)	Surface max. [m ²]
Tube	Ø48	Ø48	Ø48
M-Screen 8505		2000	
Screen Vision 10% ¹		2500	
Satiné 5500 LowE ¹	2800	1800	5.5
Flocké 1120 ²			
Kibo 8500	2800 2400*	2000	6

i Cloth with **horizontal welding seam**, if:
¹ **gh > 2500** and **bk > 2500**
² **gh > 2000**

* Version Fix

Limit dimensions Soloroll® II Box 90 | Soloroll® II Box 90 Fix

Single awning



Chain

Polyester with PVC

Fabric collection	Tube	Width max. (bk)		Height max. (gh)		Surface max. [m ²]	
		ø48	ø60	ø48	ø60	ø48	ø60
Soltis 99						8	8
Soltis 99 LowE		2800	3000				
Soltis Blackout B99				3000	3000		
Soltis Blackout B990						3.5	3.5
Soltis Blackout B702		2600	3000				



Cloth with **horizontal welding seam**, if:
gh > 1700

Polyester without PVC

Fabric collection	Tube	Width max. (bk)		Height max. (gh)		Surface max. [m ²]	
		ø48	ø60	ø48	ø60	ø48	ø60
40818 Starlet Transparent		2800	3000			8	8
40985 Starlet Blackout Color		2400		3000	3000	7	7



Cloth with **horizontal welding seam**, if:
gh > 2400

Fiberglass with PVC

Fabric collection	Tube	Width max. (bk)		Height max. (gh)		Surface max. [m ²]	
		ø48	ø60	ø48	ø60	ø48	ø60
M-Screen 8505						5	5
Screen Vision 10% ¹						7	7
Satiné 5500 LowE ¹		2800	3000	3000	3000	4	4
Flocké 1120 ²						5	5
Kibo 8500				2500	2500	3.5	3.5



Cloth with **horizontal welding seam**, if:
¹ **gh > 2500** and **bk > 2500**
² **gh > 2000**



Strangulation hazard!

►► Limit dimensions Soloroll® II Box 90 | Soloroll® II Box 90 Fix

Single awning

Crank

Polyester with PVC

Fabric collection	Tube	Width max. (bk)		Height max. (gh)		Surface max. [m ²]	
		ø48	ø60	ø48	ø60	ø48	ø60
Soltis 99						9	9
Soltis 99 LowE		2800	3200	3500	3500		
Soltis Blackout B99						6	5
Soltis Blackout B990							
Soltis Blackout B702		2600	3000	2000	3500		

i Cloth with **horizontal welding seam**, if:
gh > 1700

Polyester without PVC

Fabric collection	Tube	Width max. (bk)		Height max. (gh)		Surface max. [m ²]	
		ø48	ø60	ø48	ø60	ø48	ø60
40818 Starlet Transparent		2800	3100			9	9
40985 Starlet Blackout Color		2400	3000	3500	3500		

i Cloth with **horizontal welding seam**, if:
gh > 2400

Fiberglass with PVC

Fabric collection	Tube	Width max. (bk)		Height max. (gh)		Surface max. [m ²]	
		ø48	ø60	ø48	ø60	ø48	ø60
M-Screen 8505						9 8*	7.5
Screen Vision 10% ¹						9	9
Satiné 5500 LowE ¹		2800	3200	3500	3500	9 8*	7.5
Flocké 1120 ²							
Kibo 8500				2500	2500	6	5

i Cloth with **horizontal welding seam**, if:
¹ **gh > 2500** and **bk > 2500**
² **gh > 2000**

* Version Fix

►► Limit dimensions Soloroll® II Box 90 | Soloroll® II Box 90 Fix

Single awning

Motor

Polyester with PVC

Fabric collection	Tube	Width max. (bk)		Height max. (gh)		Surface max. [m ²]	
		ø48	ø60	ø48	ø60	ø48	ø60
Soltis 99		2800	3200	4500	4500	9	9
Soltis 99 LowE							
Soltis Blackout B99							
Soltis Blackout B990		2600	3000		3500	9 6.5*	9 6.5*
Soltis Blackout B702							

i Cloth with **horizontal welding seam**, if:
gh > 1700

* Version Fix

Polyester without PVC

Fabric collection	Tube	Width max. (bk)		Height max. (gh)		Surface max. [m ²]	
		ø48	ø60	ø48	ø60	ø48	ø60
40818 Starlet Transparent		2800	3100	4500	4500	9	9
40985 Starlet Blackout Color		2400	3000	4000	4000		

i Cloth with **horizontal welding seam**, if:
gh > 2400

Fiberglass with PVC

Fabric collection	Tube	Width max. (bk)		Height max. (gh)		Surface max. [m ²]	
		ø48	ø60	ø48	ø60	ø48	ø60
M-Screen 8505		2800	3200	3500	3500	9 8*	9 8*
Screen Vision 10% ¹				4500	4500	9	9
Satiné 5500 LowE ¹				3500	3500	9 8*	9 8*
Flocké 1120 ²							
Kibo 8500				2500	2500	7 6.5*	8 6.5*

i Cloth with **horizontal welding seam**, if:
¹ **gh > 2500** and **bk > 2500**
² **gh > 2000**

* Version Fix

Limit dimensions Soloroll® II Box 105

Single awning

Motor

Polyester with PVC

Fabric collection	Width max. (bk)	Height max. (gh)	Surface max. [m ²]
Tube	ø78	ø78	ø78
Soltis 99	4000	4500	12
Soltis 99 LowE			
Soltis Blackout B99			
Soltis Blackout B990		4000	
Soltis Blackout B702			

i Cloth with **horizontal welding seam**, if:
gh > 1700

Polyester without PVC

Fabric collection	Width max. (bk)	Height max. (gh)	Surface max. [m ²]
Tube	ø78	ø78	ø78
40818 Starlet Transparent	3100	4500	12
40985 Starlet Blackout Color		4000	

i Cloth with **horizontal welding seam**, if:
gh > 2400

Fiberglass with PVC

Fabric collection	Width max. (bk)	Height max. (gh)	Surface max. [m ²]
Tube	ø78	ø78	ø78
M-Screen 8505	4000	4000	12
Screen Vision 10% ¹		4500	
Satiné 5500 LowE ¹		3000	
Flocké 1120 ²		4000	10
Kibo 8500		2500	

i Cloth with **horizontal welding seam**, if:
¹ **gh > 2500** and **bk > 2500**
² **gh > 2000**

Limit dimensions Soloroll® II 60 | Soloroll® II 60 Fix

Single awning



Chain

Polyester with PVC

Fabric collection	Width max. (bk)	Height max. (gh)	Surface max. [m ²]
Tube	Ø34	Ø34	Ø34
Soltis 99	2000	2700	2
Soltis 99 LowE			
Soltis Blackout B99			
Soltis Blackout B990	1500	1500	1.5
Soltis Blackout B702			



Cloth with **horizontal welding seam**, if:
gh > 1700

Polyester without PVC

Fabric collection	Width max. (bk)	Height max. (gh)	Surface max. [m ²]
Tube	Ø34	Ø34	Ø34
40818 Starlet Transparent	2400	2500	2
40985 Starlet Blackout Color	2000	1500	



Cloth with **horizontal welding seam**, if:
gh > 2400

Fiberglass with PVC

Fabric collection	Width max. (bk)	Height max. (gh)	Surface max. [m ²]
Tube	Ø34	Ø34	Ø34
M-Screen 8505	1500	1500	
Screen Vision 10% ¹	2200		2
Satiné 5500 LowE ¹		1200	
Flocké 1120 ²	1500	1500	
Kibo 8500			1.5



Cloth with **horizontal welding seam**, if:
¹ **gh > 2500** and **bk > 2500**
² **gh > 2000**



Strangulation hazard!

Limit dimensions Soloroll® II 80 | Soloroll® II 80 Fix

Single awning



Chain

Polyester with PVC

Fabric collection	Tube	Width max. (bk)			Height max. (gh)			Surface max. [m ²]		
		ø34	ø48	ø60	ø34	ø48	ø60	ø34	ø48	ø60
Soltis 99								7	8	8
Soltis 99 LowE		2400	2800	3000	3000	3000	3000			
Soltis Blackout B99								3	3.5	3.5
Soltis Blackout B990										
Soltis Blackout B702		2200	2600	3000						



Cloth with **horizontal welding seam**, if:
gh > 1700

Polyester without PVC

Fabric collection	Tube	Width max. (bk)			Height max. (gh)			Surface max. [m ²]		
		ø34	ø48	ø60	ø34	ø48	ø60	ø34	ø48	ø60
40818 Starlet Transparent		2400	2800	3000	3000	3000	3000	7	8	8
40985 Starlet Blackout Color		2000	2400					5.5	7	7



Cloth with **horizontal welding seam**, if:
gh > 2400

Fiberglass with PVC

Fabric collection	Tube	Width max. (bk)			Height max. (gh)			Surface max. [m ²]		
		ø34	ø48	ø60	ø34	ø48	ø60	ø34	ø48	ø60
M-Screen 8505		2200			3000			4	5	5
Screen Vision 10% ¹						3000	3000	5.5	7	7
Satiné 5500 LowE ¹		2400	2800	3000	2500			3.5	4	4
Flocké 1120 ²					3000			4	5	5
Kibo 8500		2200			2500	2500	2500	3	3.5	3.5



Cloth with **horizontal welding seam**, if:
¹ **gh > 2500** and **bk > 2500**
² **gh > 2000**



Strangulation hazard!

►► Limit dimensions Soloroll® II 80 | Soloroll® II 80 Fix

Single awning

Crank

Polyester with PVC

Fabric collection	Tube	Width max. (bk)			Height max. (gh)			Surface max. [m ²]		
		ø34	ø48	ø60	ø34	ø48	ø60	ø34	ø48	ø60
Soltis 99					3500				9	9
Soltis 99 LowE		2400	2800	3200		3500		7		
Soltis Blackout B99							3500			
Soltis Blackout B990					3000				6	5
Soltis Blackout B702		2200	2600	3000		2000				

i Cloth with **horizontal welding seam**, if:
gh > 1700

Polyester without PVC

Fabric collection	Tube	Width max. (bk)			Height max. (gh)			Surface max. [m ²]		
		ø34	ø48	ø60	ø34	ø48	ø60	ø34	ø48	ø60
40818 Starlet Transparent		2400	2800	3100	3500			7	9	9
40985 Starlet Blackout Color		2000	2400	3000	3000	3500	3500			

i Cloth with **horizontal welding seam**, if:
gh > 2400

Fiberglass with PVC

Fabric collection	Tube	Width max. (bk)			Height max. (gh)			Surface max. [m ²]		
		ø34	ø48	ø60	ø34	ø48	ø60	ø34	ø48	ø60
M-Screen 8505		2200						7	9 8*	7.5
Screen Vision 10% ¹								7	9	9
Satiné 5500 LowE ¹		2400	2800	3200	3000	3500	3500	7	9 8*	7.5
Flocké 1120 ²										
Kibo 8500		2200			2500	2500	2500	7	6	5

i Cloth with **horizontal welding seam**, if:
¹ **gh > 2500** and **bk > 2500**
² **gh > 2000**

* Version Fix

►► Limit dimensions Soloroll® II 80 | Soloroll® II 80 Fix

Single awning

Motor

Polyester with PVC

Fabric collection	Tube	Width max. (bk)		Height max. (gh)		Surface max. [m ²]	
		ø48	ø60	ø48	ø60	ø48	ø60
Soltis 99		2800	3200	4500	4500	9	9
Soltis 99 LowE							
Soltis Blackout B99							
Soltis Blackout B990		2600	3000		3500	9 6.5*	9 6.5*
Soltis Blackout B702							

i Cloth with **horizontal welding seam**, if:
gh > 1700

* Version Fix

Polyester without PVC

Fabric collection	Tube	Width max. (bk)		Height max. (gh)		Surface max. [m ²]	
		ø48	ø60	ø48	ø60	ø48	ø60
40818 Starlet Transparent		2800	3100	4500	4500	9	9
40985 Starlet Blackout Color		2400	3000	4000	4000		

i Cloth with **horizontal welding seam**, if:
gh > 2400

Fiberglass with PVC

Fabric collection	Tube	Width max. (bk)		Height max. (gh)		Surface max. [m ²]	
		ø48	ø60	ø48	ø60	ø48	ø60
M-Screen 8505		2800	3200	3500	3500	9 8*	9 8*
Screen Vision 10% ¹				4500	4500	9	9
Satiné 5500 LowE ¹				3500	3500	9 8*	9 8*
Flocké 1120 ²							
Kibo 8500				2500	2500	7 6.5*	8 6.5*

i Cloth with **horizontal welding seam**, if:
¹ **gh > 2500** and **bk > 2500**
² **gh > 2000**

* Version Fix

Limit dimensions Soloroll® II 100

Single awning

Motor

Polyester with PVC

Fabric collection	Width max. (bk)	Height max. (gh)	Surface max. [m ²]
Tube	ø78	ø78	ø78
Soltis 99	4000	4500	12
Soltis 99 LowE			
Soltis Blackout B99			
Soltis Blackout B990		4000	
Soltis Blackout B702			

i Cloth with **horizontal welding seam**, if:
gh > 1700

Polyester without PVC

Fabric collection	Width max. (bk)	Height max. (gh)	Surface max. [m ²]
Tube	ø78	ø78	ø78
40818 Starlet Transparent	3100	4500	12
40985 Starlet Blackout Color	3050	4000	

i Cloth with **horizontal welding seam**, if:
gh > 2400

Fiberglass with PVC

Fabric collection	Width max. (bk)	Height max. (gh)	Surface max. [m ²]
Tube	ø78	ø78	ø78
M-Screen 8505	4000	4000	12
Screen Vision 10% ¹		4500	
Satiné 5500 LowE ¹		3000	
Flocké 1120 ²		4000	
Kibo 8500		2500	10

i Cloth with **horizontal welding seam**, if:
¹ **gh > 2500** and **bk > 2500**
² **gh > 2000**

Style overview

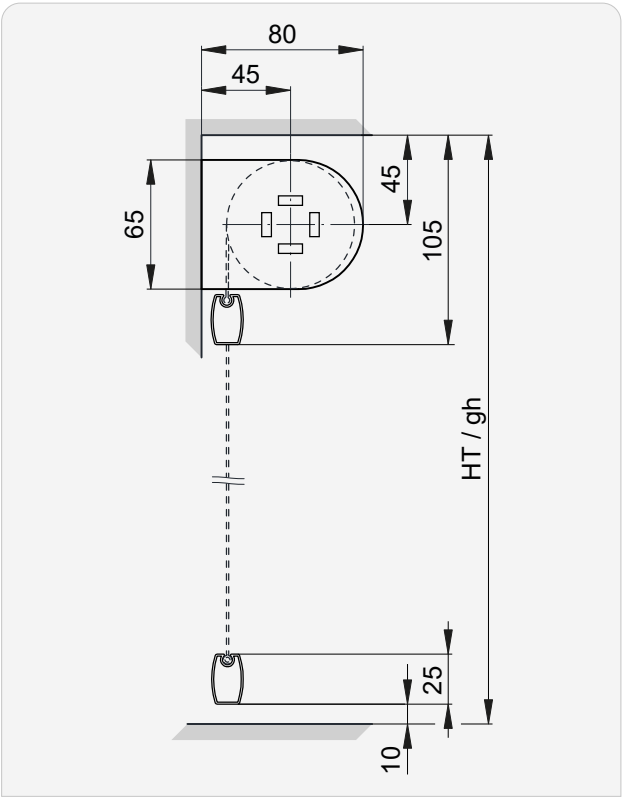
Type	Operation				Type of guide rails			
	 Chain	Chain	Motor	Without	Cable	Standard	Fix	Darkening
Soloroll® II Box 55	●	—	—	●	●	●	—	—
Soloroll® II Box 55 Fix	●	—	—	—	—	—	●	—
Soloroll® II 60	●	—	—	●	●	●	—	—
Soloroll® II 60 Fix	●	—	—	—	—	—	●	—
Soloroll® II Box 70	●	●	●	●	●	●	—	●
Soloroll® II Box 70 Fix	●	●	●	—	—	—	●	●
Soloroll® II 80	●	●	●	●	●	●	—	●
Soloroll® II 80 Fix	●	●	●	—	—	—	●	●
Soloroll® II Box 90	●	●	●	●	●	●	—	●
Soloroll® II Box 90 Fix	●	●	●	—	—	—	●	●
Soloroll® II 100	—	—	●	●	●	●	—	●
Soloroll® II Box 105	—	—	●	●	●	●	—	●

 **Strangulation hazard!**

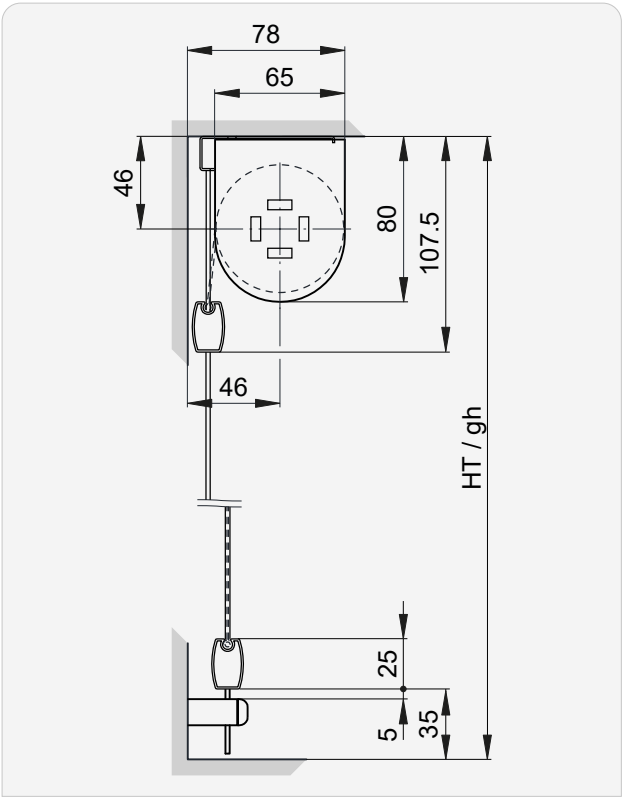
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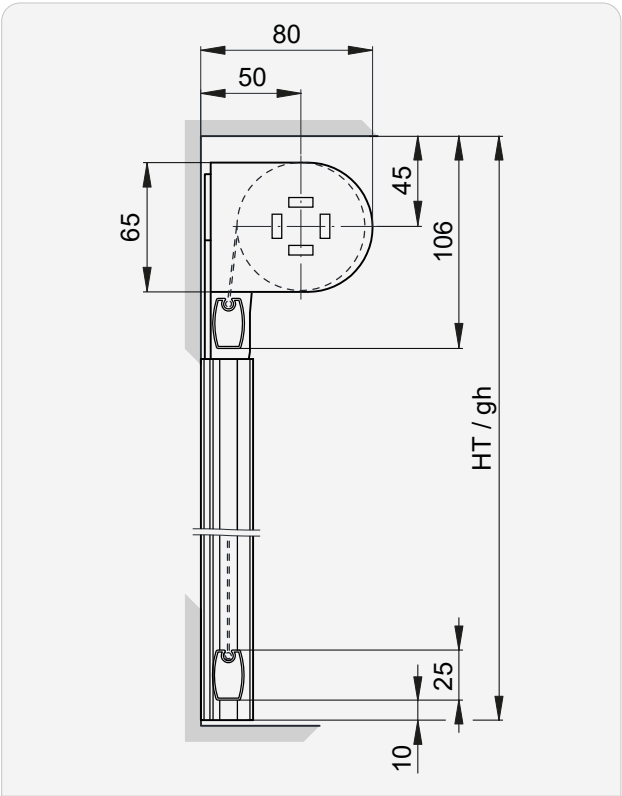
Bearing 80 | without guides



Bearing 80 | Guide cable

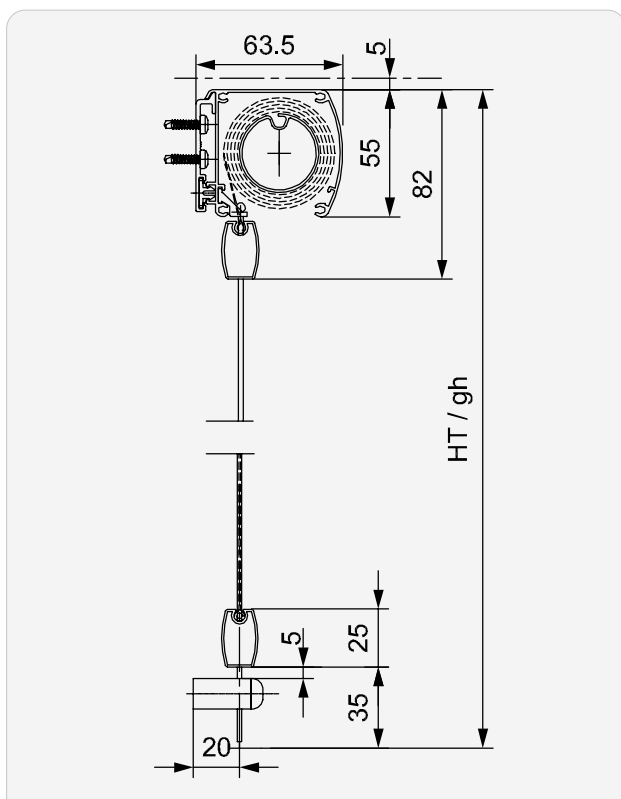


Bearing 80 | Guide rails Fix

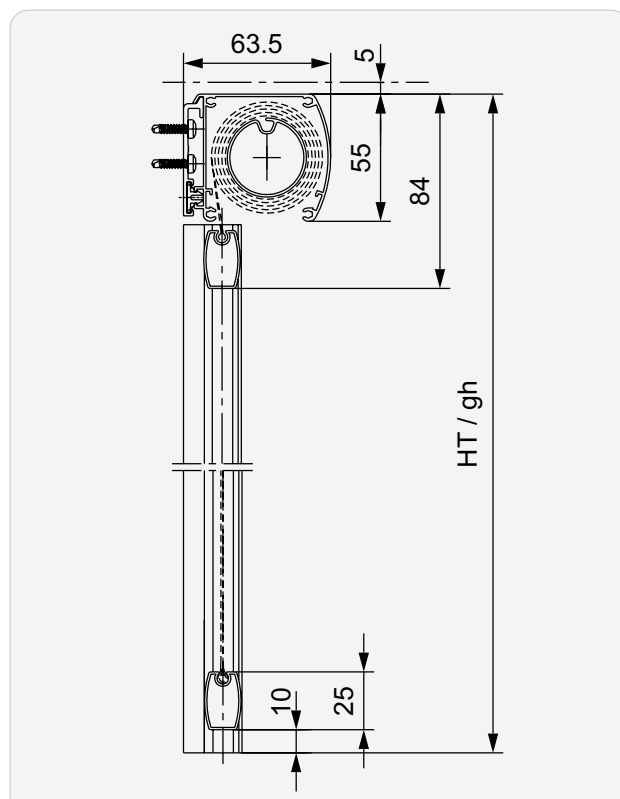


Version with box

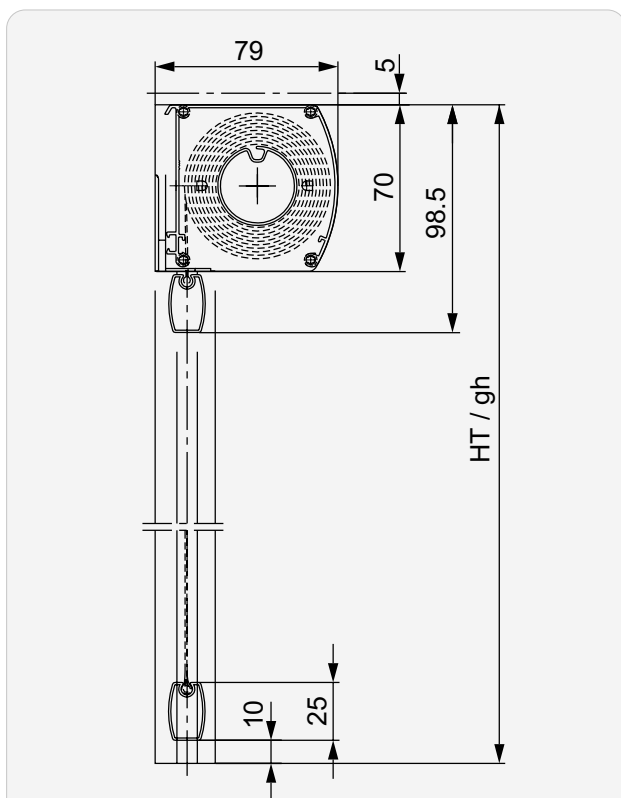
Box 55 | Guide cable



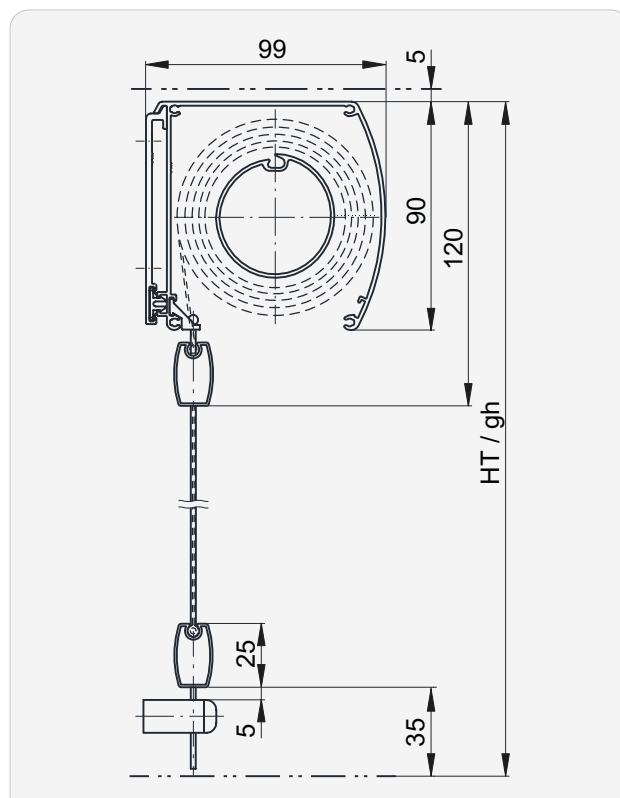
Box 55 | Guide rails



Box 70 | Guide rails Fix

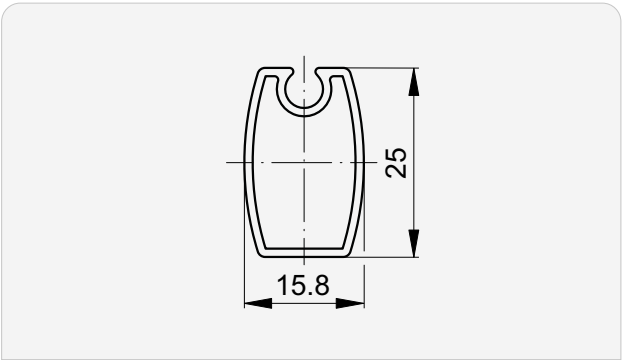


Box 90 | Guide cable



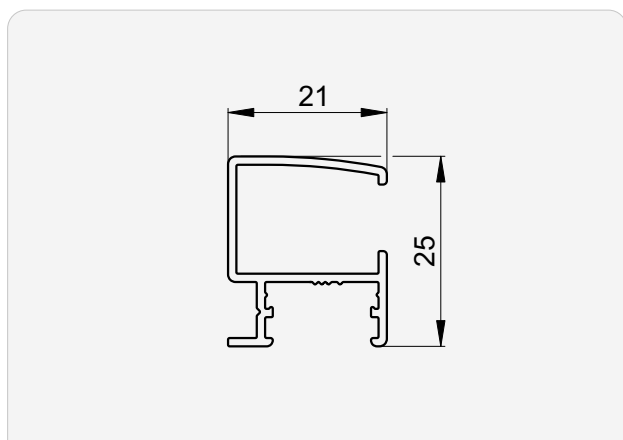
Bottom rail

Type 25

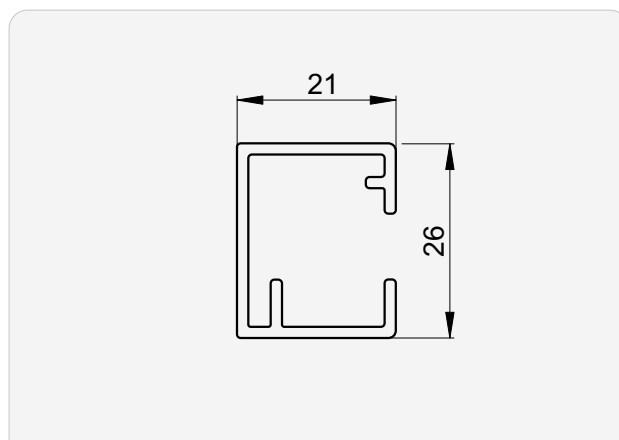


Guide rails

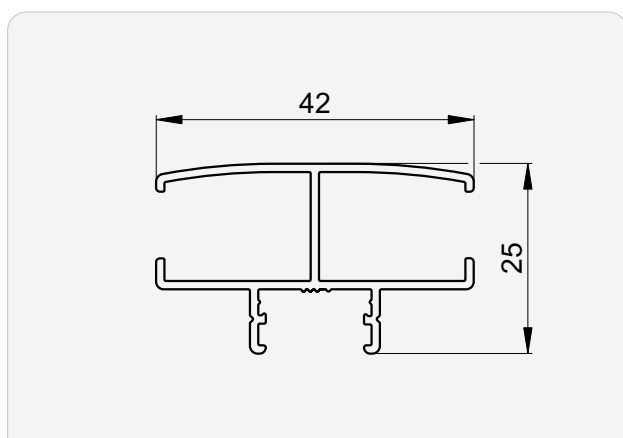
Single rail



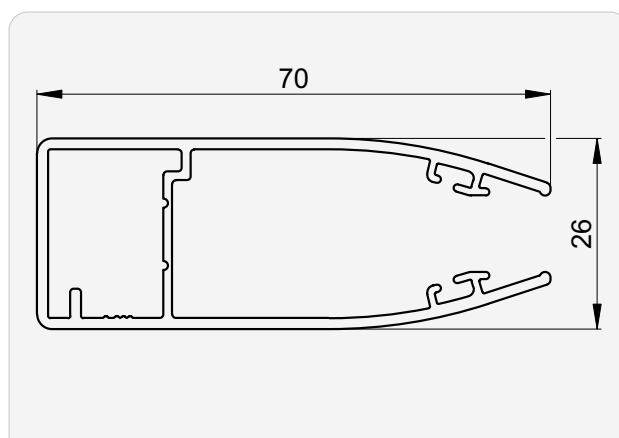
Box Fix



Double rail



Darkening



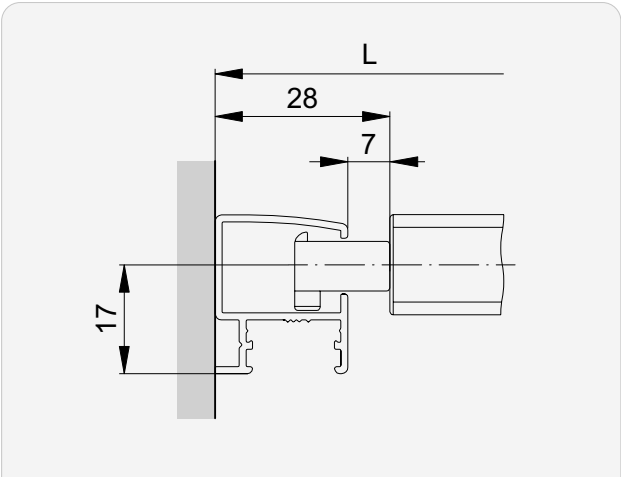
Guide rail fastenings (principle)

Overview

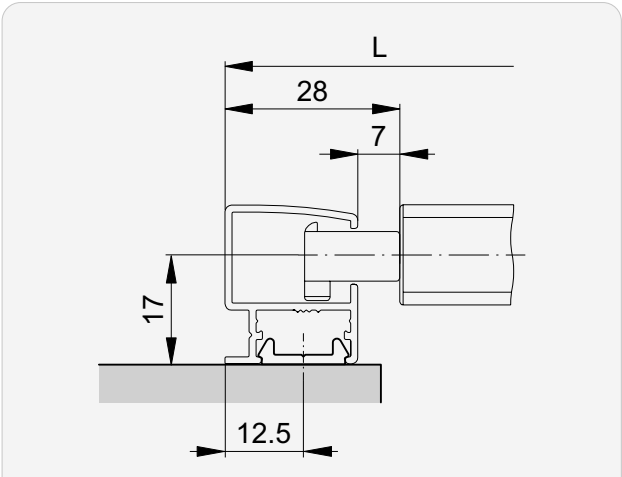
Type											
A	B	Bd	C	Cd	E	F	G	H	I	T	V
●	●	–	–	–	–	●	●	●	○ ¹	–	–

- applicable without restrictions
- applicable with restrictions
- ¹not for **Box Fix**

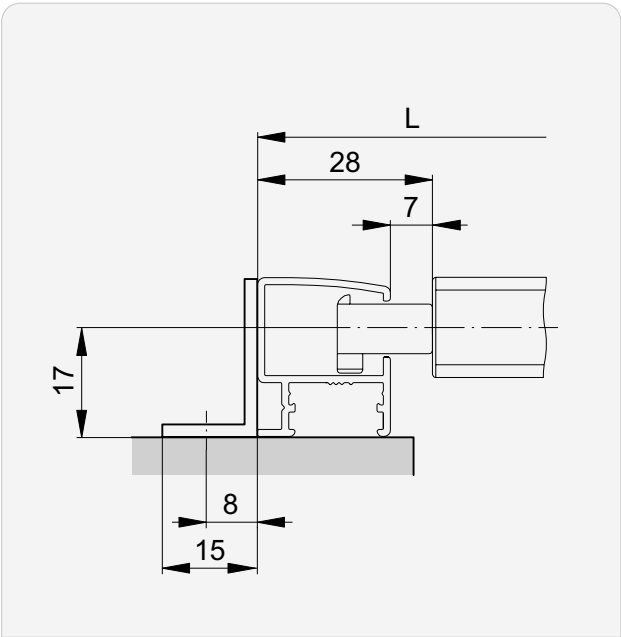
A Soffit installation



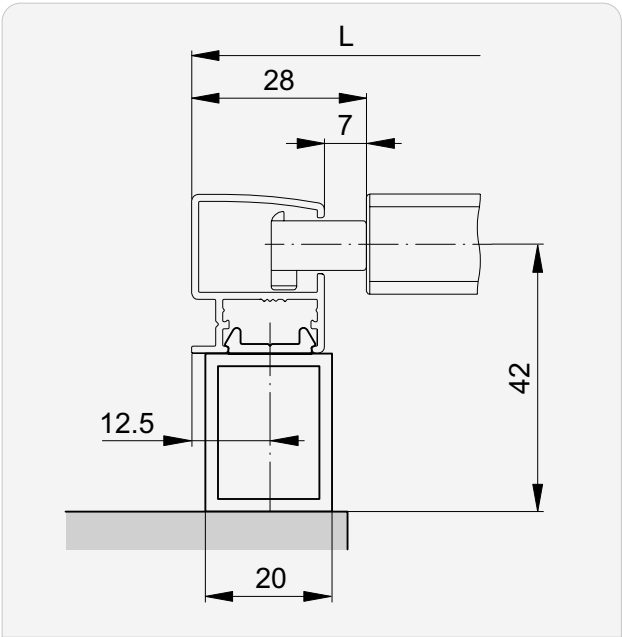
F Installation on facade



B Installation on bracket

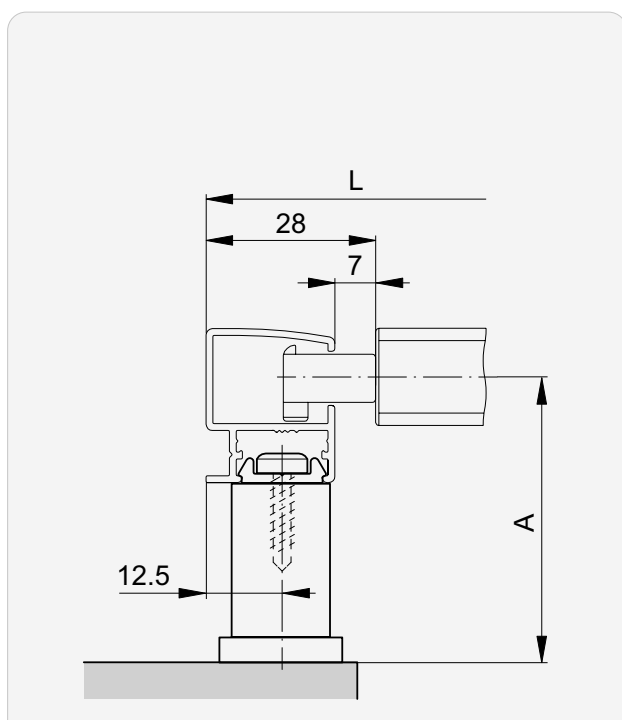


G Installation on pipe profile

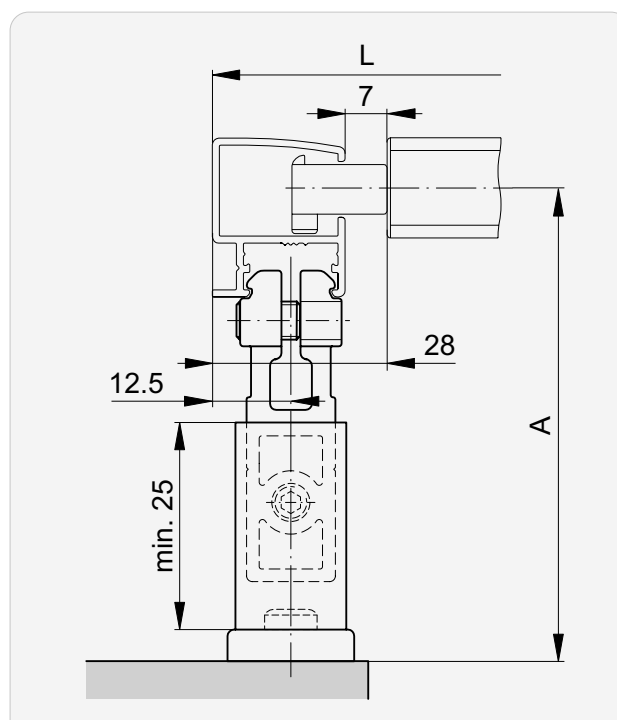


►► Guide rail fastenings (principle)

H Installation on console

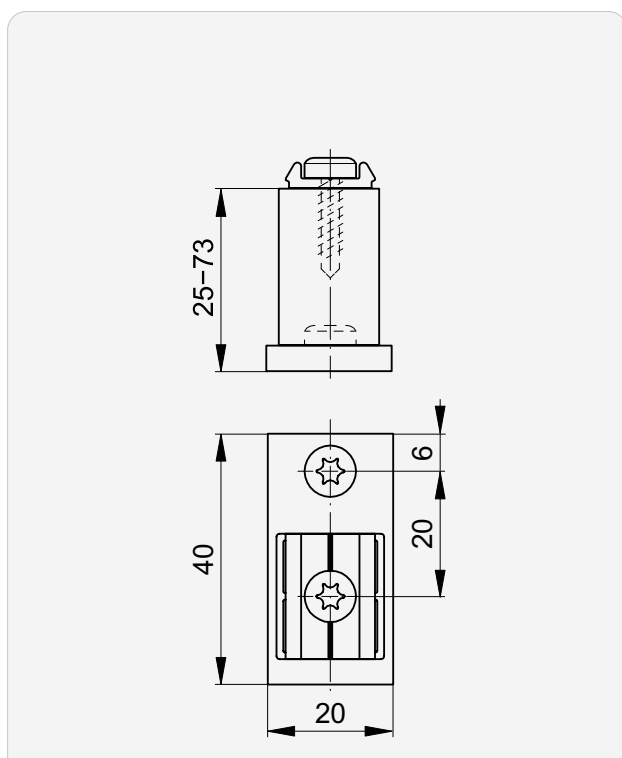


I Installation on adjustable console



Not for Box Fix

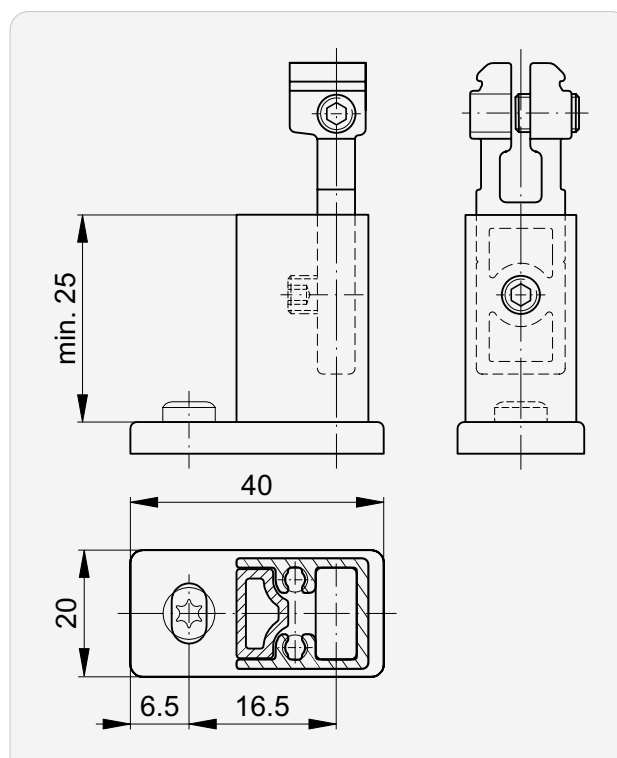
Console for type H



A

42 ... 90

Console for type I

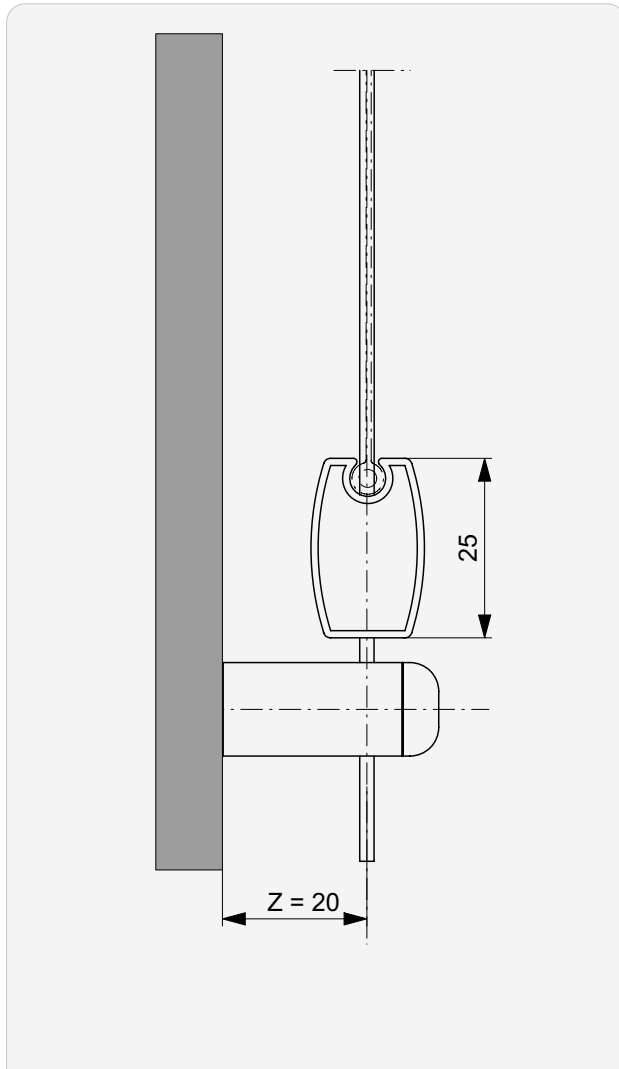


A

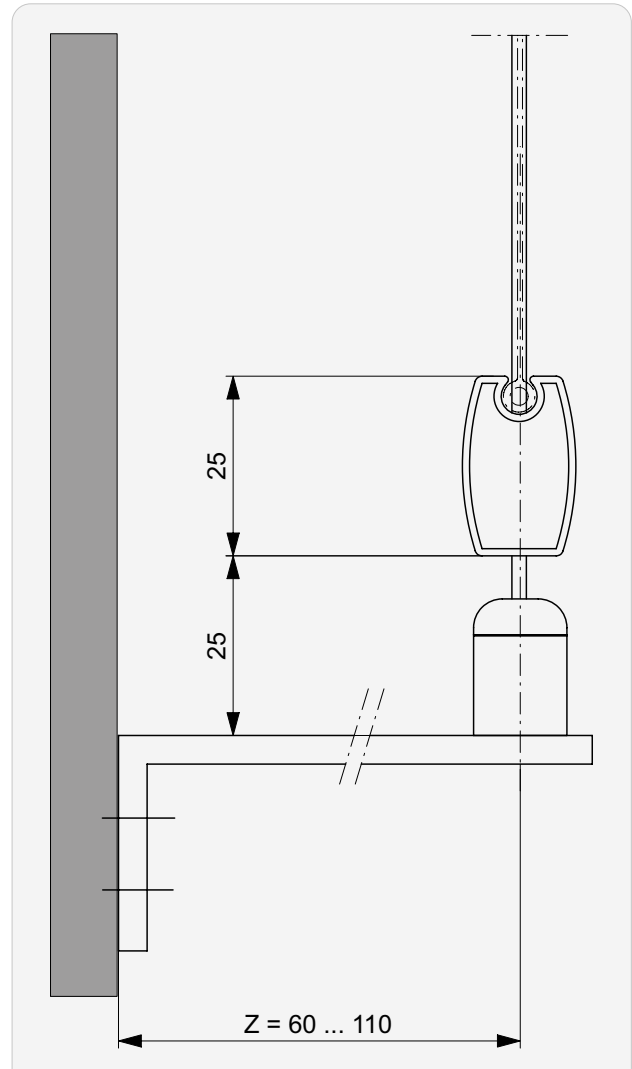
57 ... 90

Guide cable fastenings

F Fastening on the front



F Fastening on the front with bracket





Annex

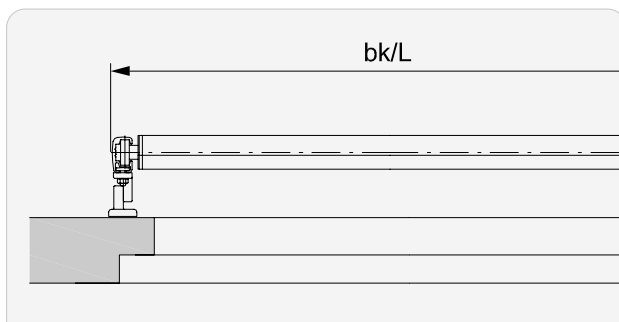
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Definitions of dimensions

- i** Dimensions should always be viewed **from inside to outside**.
 Unspecified dimensions are **defined by the products**.
 Situations designed with **uniform guide profiles**.

bk

For rail guide

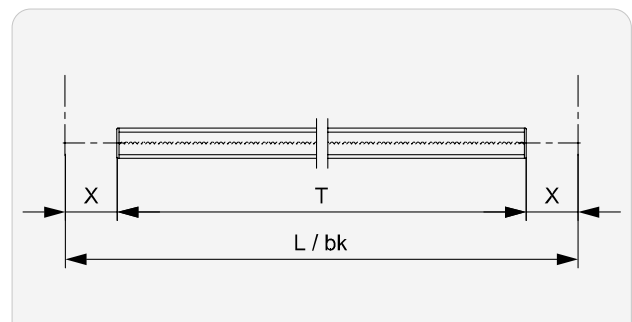


L for Soloscreen® | Soloroll® II

bk/L Rear edge of guide rails

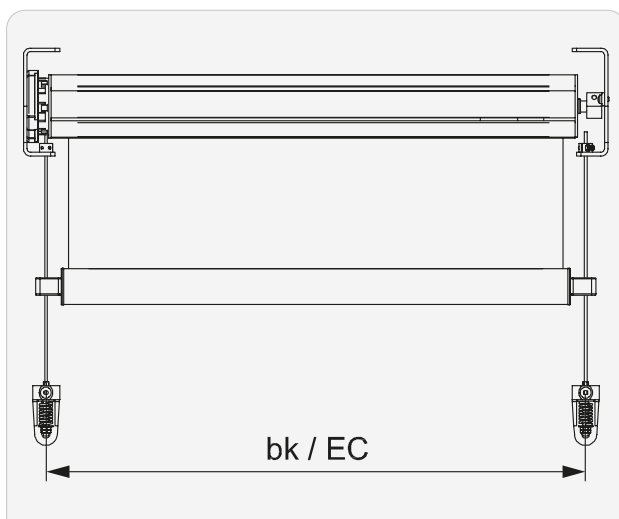
- i** Observe **guide rail spacers**.

Without guides | Soloroll® II



Outer edge box or bearing

For cable / slat guide



EC for Soloscreen® | Soloroll® II

bk/EC Distance to centre of cable/slat

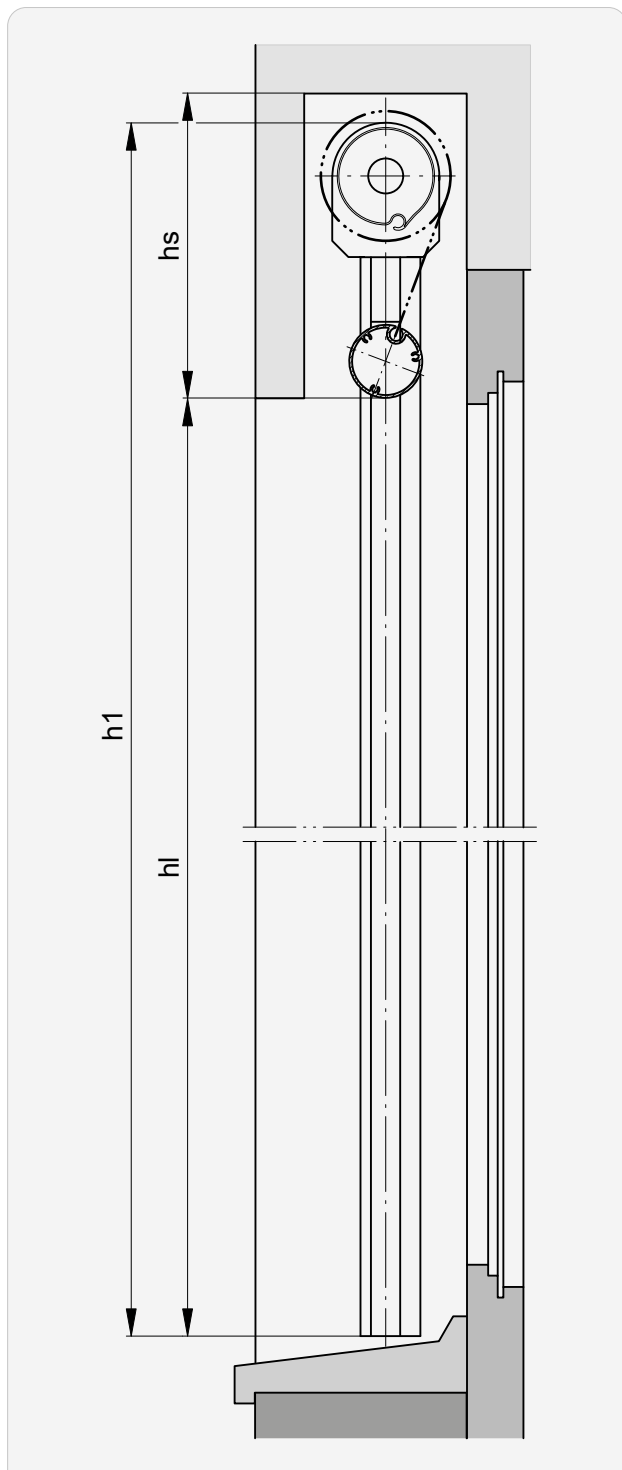
►► Definitions of dimensions

h1, hl, hs

Sigara® | Galleria®

Sigara® Box | Galleria® Box

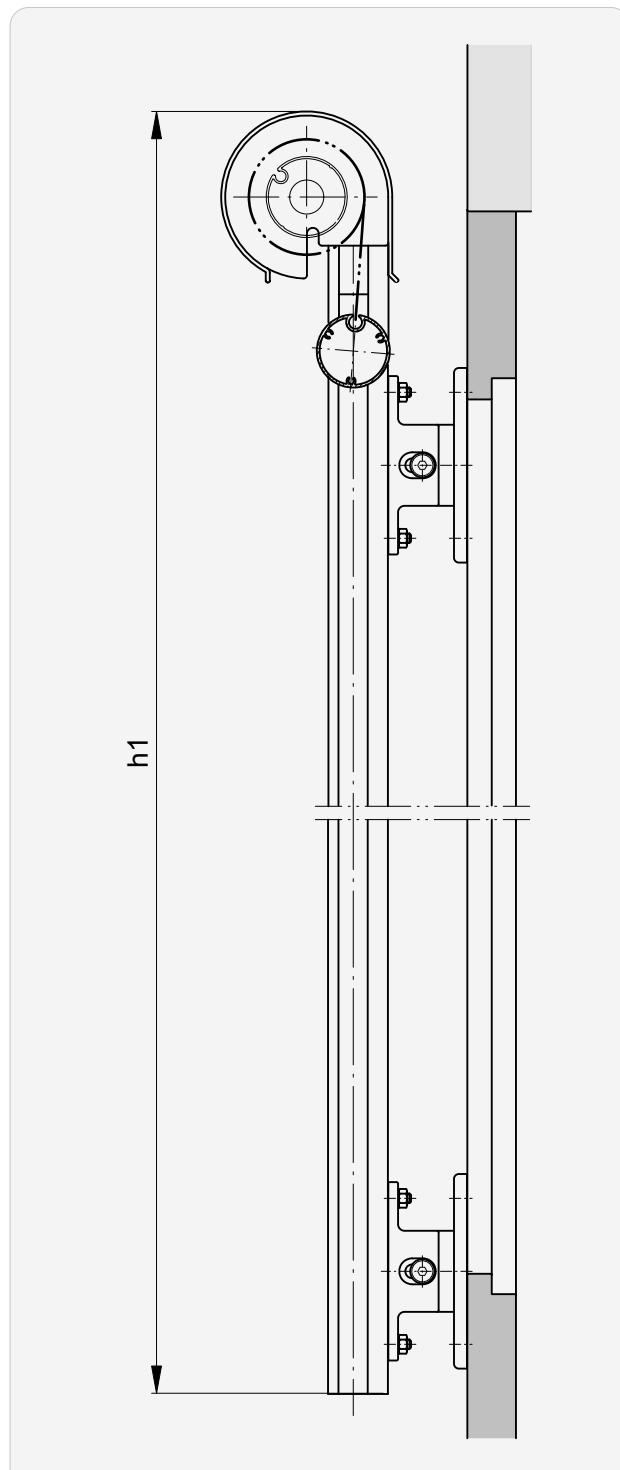
For rail guide



h1, hl at bottom: Bottom edge of guide rail

h1 Overall height
hl Finished clear height

For rail guide



h1 at bottom: Bottom edge of guide rail

hs Header height

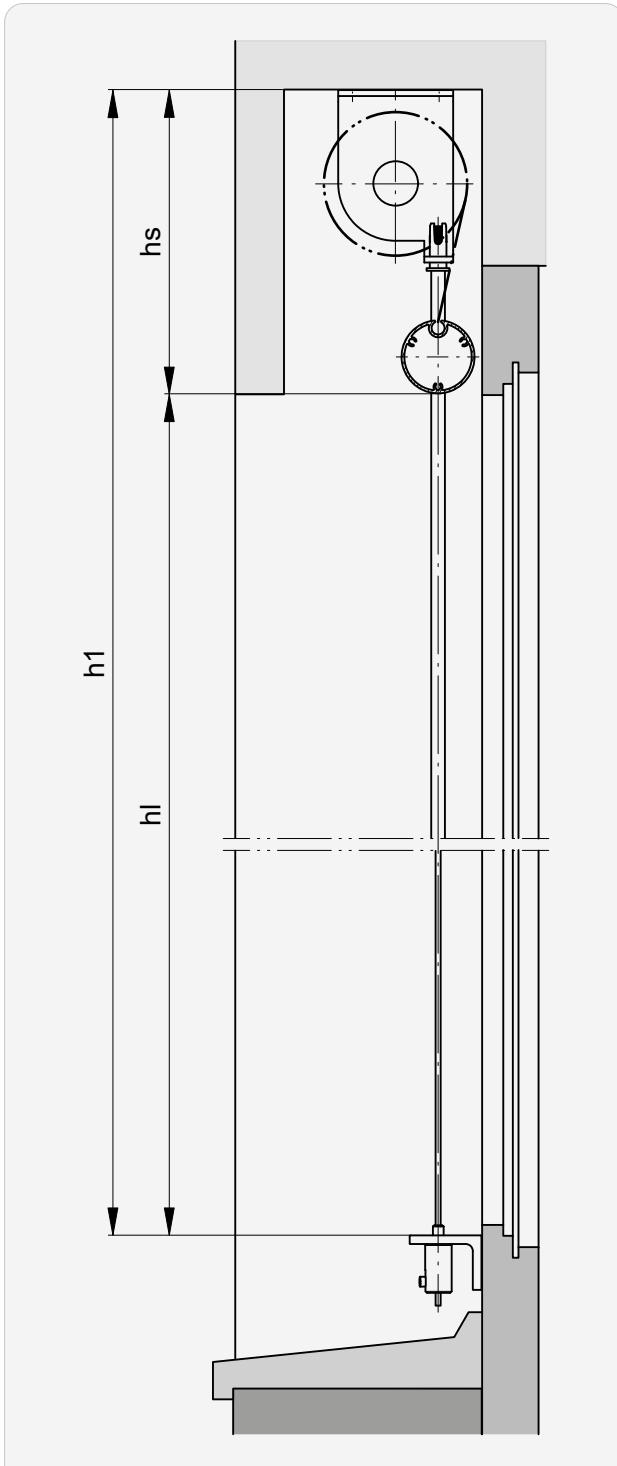
►► Definitions of dimensions

h1, hl, hs

Sigara®

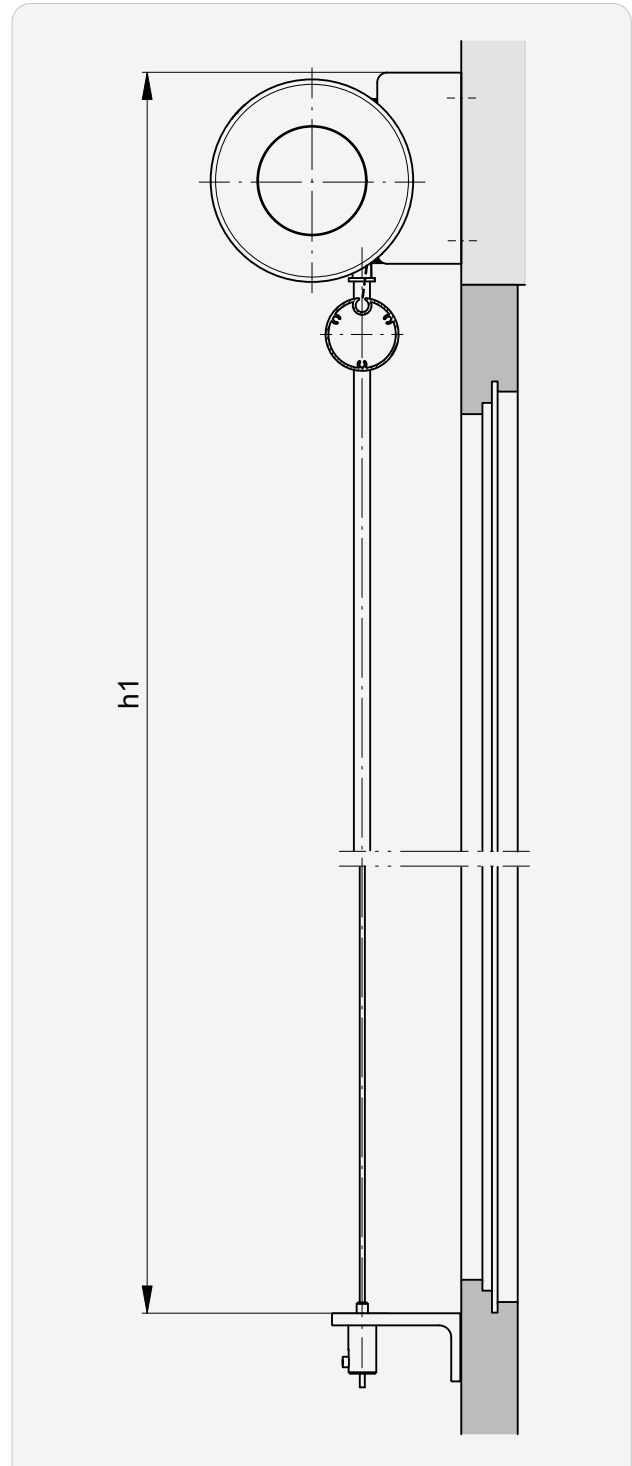
Sigara® Box

For cable / slat guide



h1, hl at bottom: top edge of cable/slat fastening

For cable / slat guide



h1 at bottom: top edge of cable/slat fastening

h1 Overall height
hl Finished clear height

hs Header height

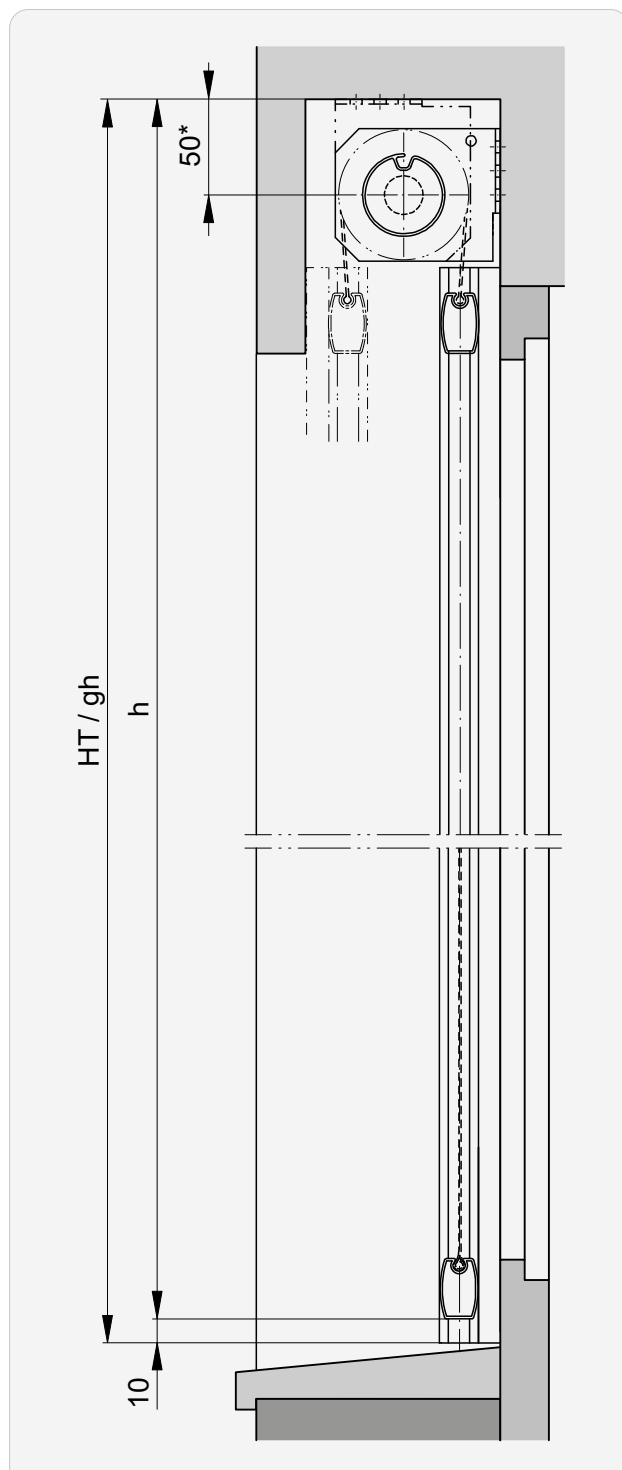
►► Definitions of dimensions

HT/gh, h

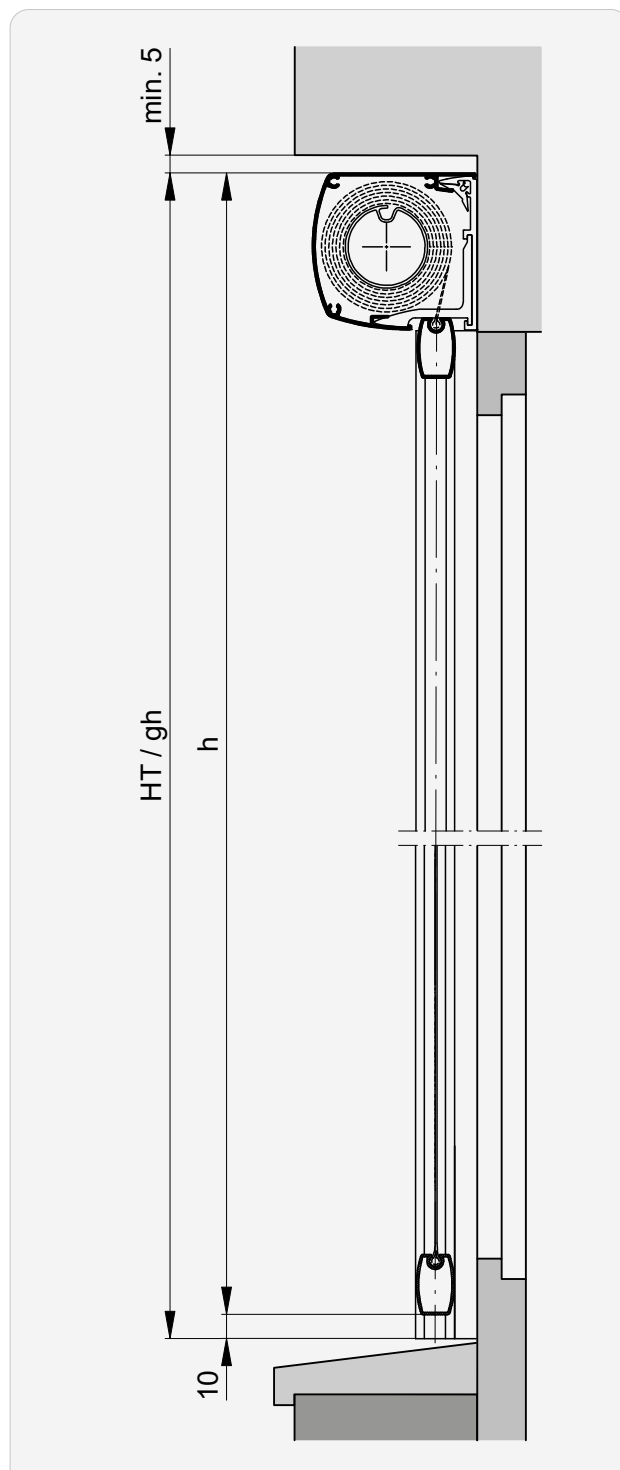
Soloscreen®

Soloscreen® Box

For rail guide



For rail guide



* Crank drive: 40

HT/gh Overall height)

►► Definitions of dimensions

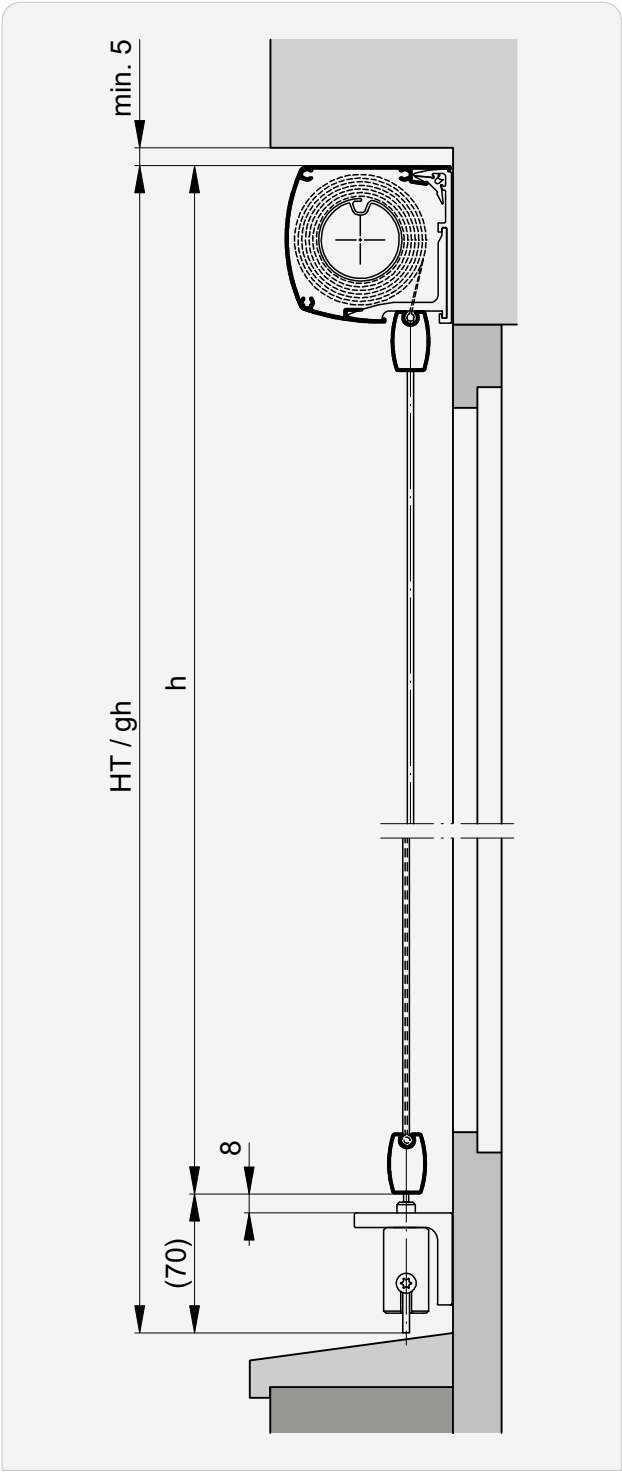
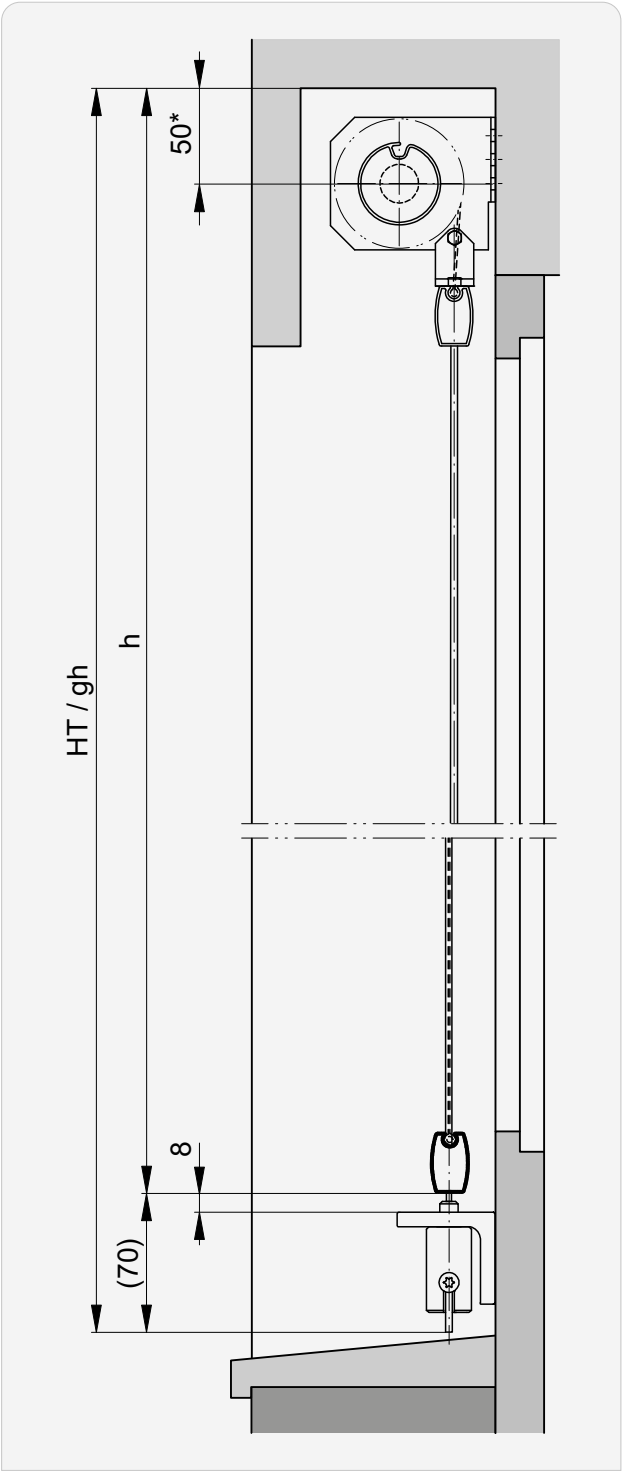
HT/gh, h

Soloscreen®

Soloscreen® Box

For cable guide

For cable guide



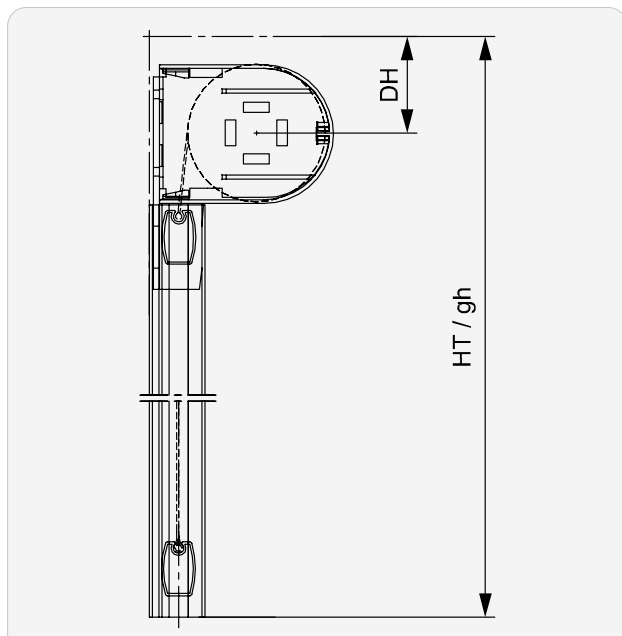
* Crank drive: 40

►► Definitions of dimensions

HT/gh, DH

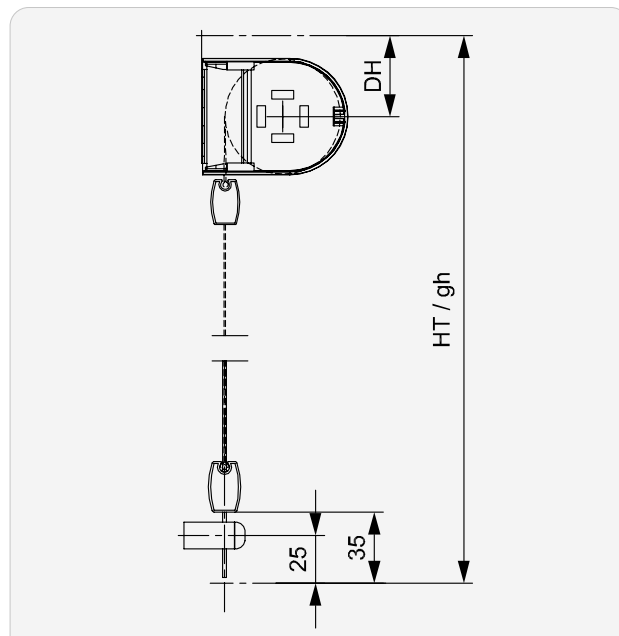
Soloroll® II

For rail guide



Type	DH
Type 60	41
Type 80	45

For cable guide

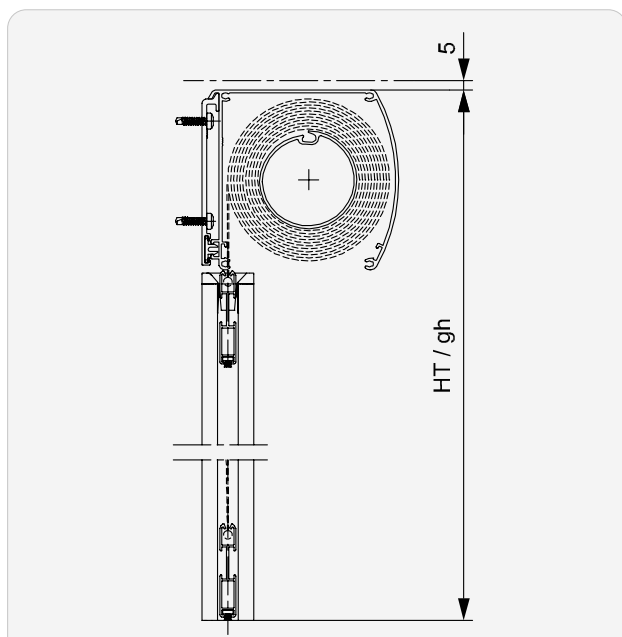


Type	DH
Type 60	42
Type 80	46

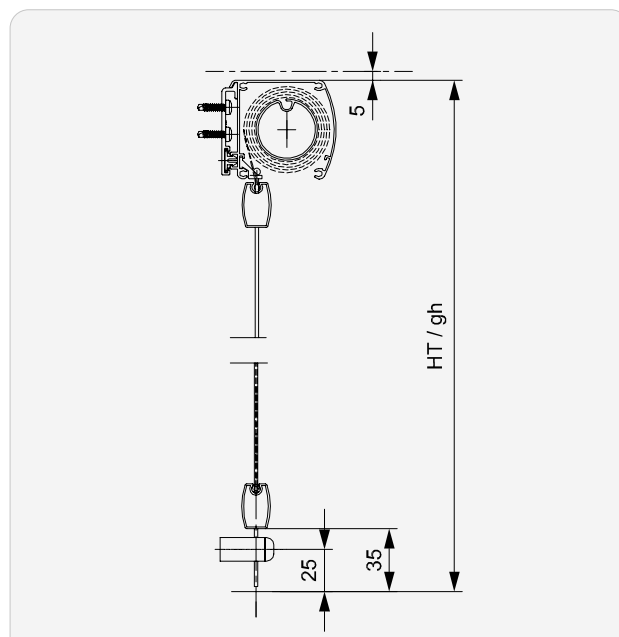
HT/gh

Soloroll® II Box

For rail guide



For cable guide

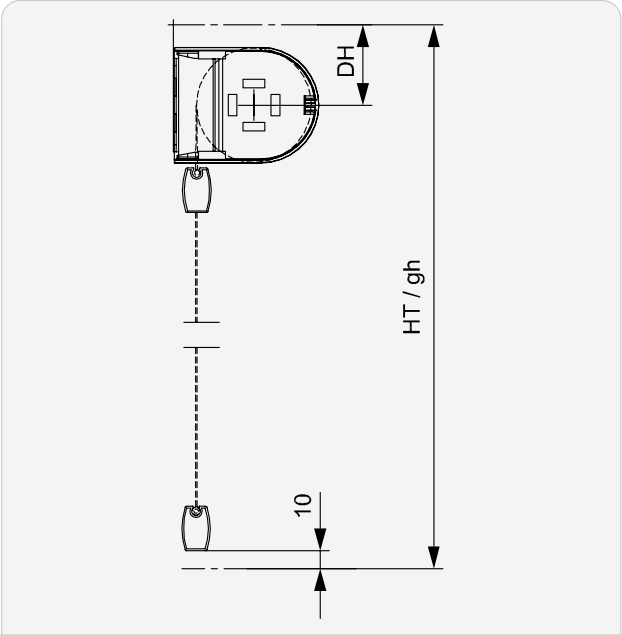


►► Definitions of dimensions

HT,gh

Soloroll® II

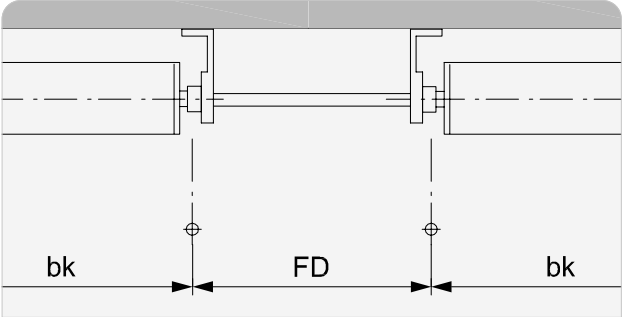
Without guides



Type	DH
Type 60	41
Type 80	45

Distance between guides FD

For cable / slat guide

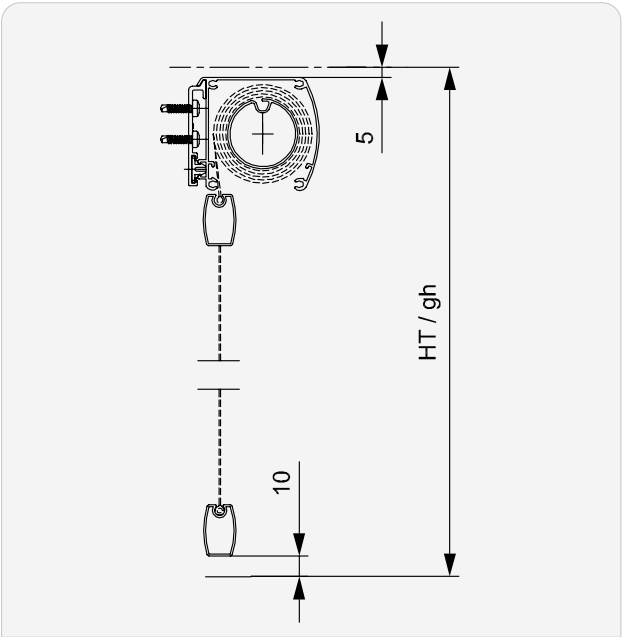


FD Distance to center of cable/slat

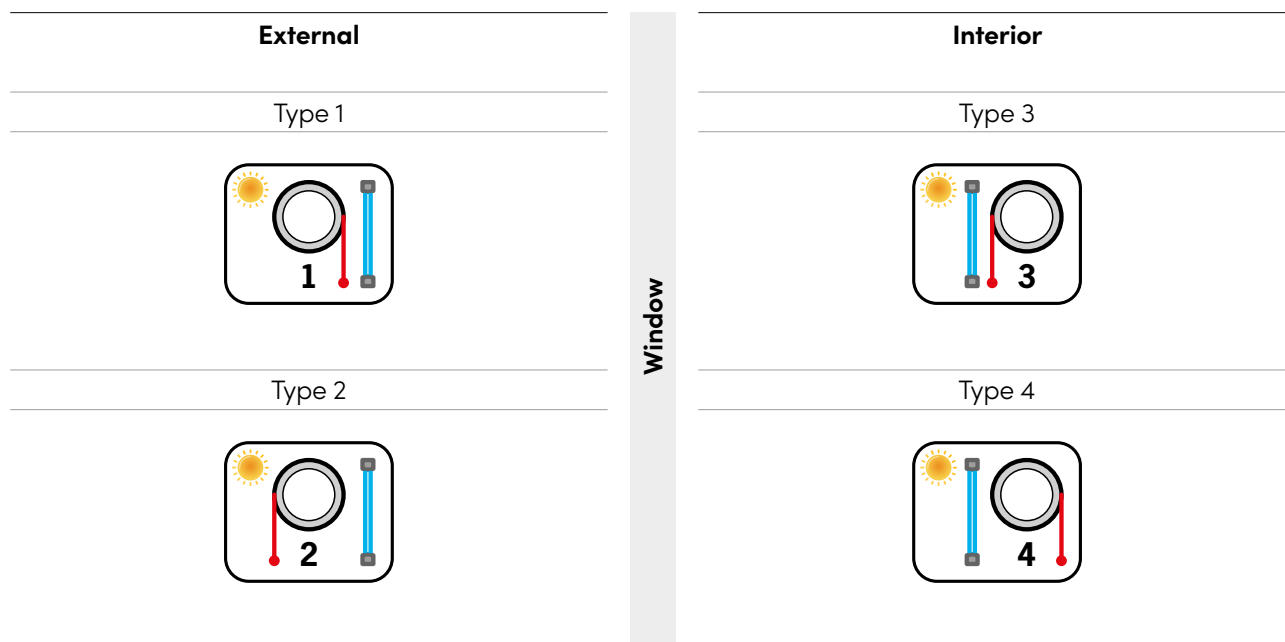
HT,gh

Soloroll® II Box

Without guides



Definition of the sense of rotation of the curtain



Product	Type 1	Type 2	Type 3	Type 4
Galleria®	●	●	—	—
Sigara®	●	●	—	—
Soloroll® II	—	—	●	●
Soloscreen®	●	●	—	—
Solozip® II	●	—	—	—
Tube®	●	●	—	—

Installation base

- 1 Wood
- 2 Stone
- 3 Metal, Aluminum >4 mm, Steel >3 mm
- 4 Sheet metal, Aluminum 2...4 mm, Steel 2...3 mm
- 5 External insulation*
- 6 Plastic
- 7 Chipboard
- 8 Aerated concrete
- 10 Concrete
- 13 Eternit
- 14 Built-in plate
- 15 Sheet metal Al | Cu 2...4 mm
- 16 Insulation EPS150

* Insulation d: 5...110 mm

For Soloscreen®

- 0 Aluminum
- 1 Wood
- 2 Concrete
- 3 Sheet steel for metric screws
- 4 Sheet steel
- 5 External insulation
- 6 PVC
- 7 Foam material



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