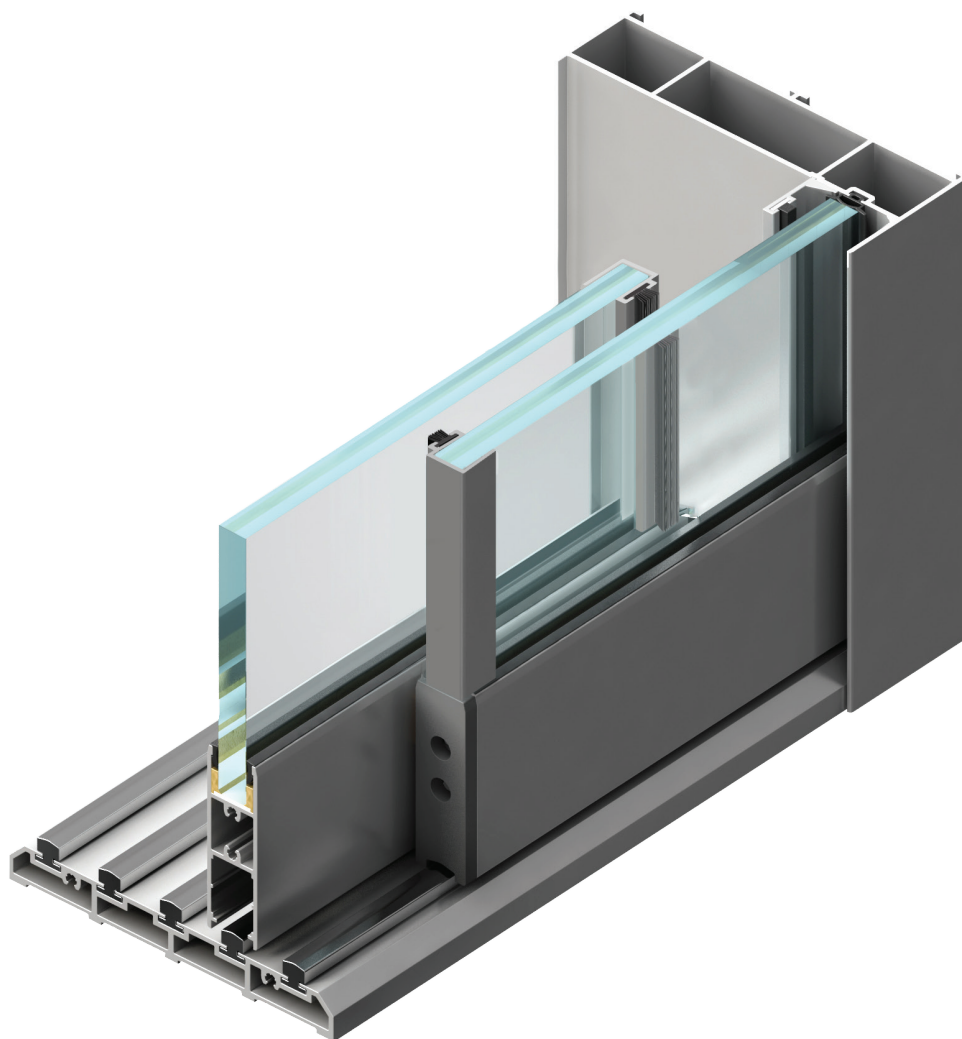


FEAL



FR-18

STAKLENA KLIZNA STIJENA
SLIDING GLASS WALL

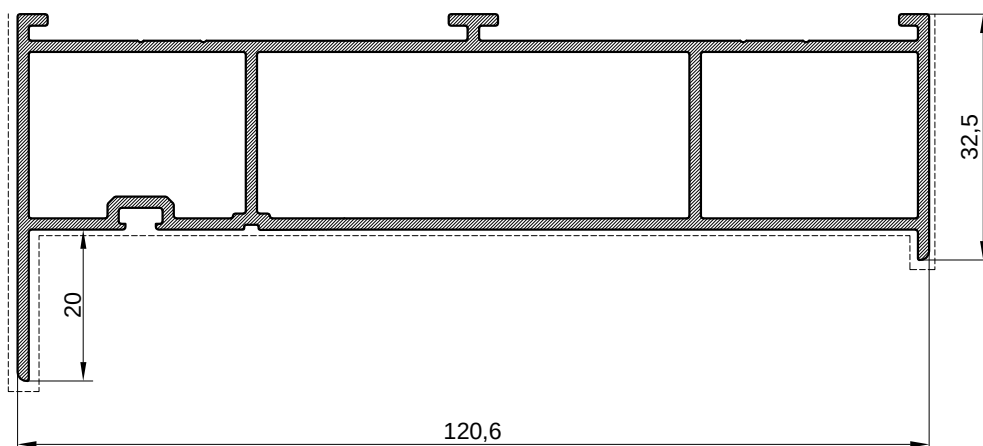
SADRŽAJ CONTENT

01	PROFILI	404.03.000-007
01	PROFILES	404.03.000-007
02	VEZNI ELEMENTI	404.04.000-003
02	CONNECTION ELEMENTS	404.04.000-003
03	PVC ELEMENTI	404.05.000-003
03	PVC ELEMENTS	404.05.000-003
04	MEHANIZMI	404.06.000-003
04	MECHANISMS	404.06.00-003
05	BRTVILA	404.07.000-003
05	GASKETS	404.07.000-003
06	DODACI	404.08.000-003
06	ACCESSORIES	404.08.000-003
07	PRESJECI	404.10.000-027
07	CROSS SECTIONS	404.10.000-027
08	OBRADA I MONTAŽA	404.11.000-025
08	PROCESSING AND MONTAGE	404.11.000-025
09	REZNE LISTE	404.12.000-009
09	CUTTING LIST	404.12.000-009

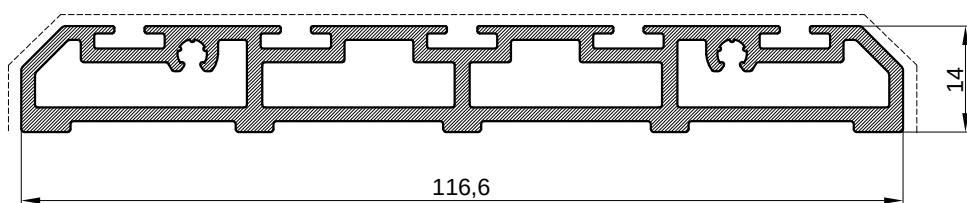


Profili Profiles

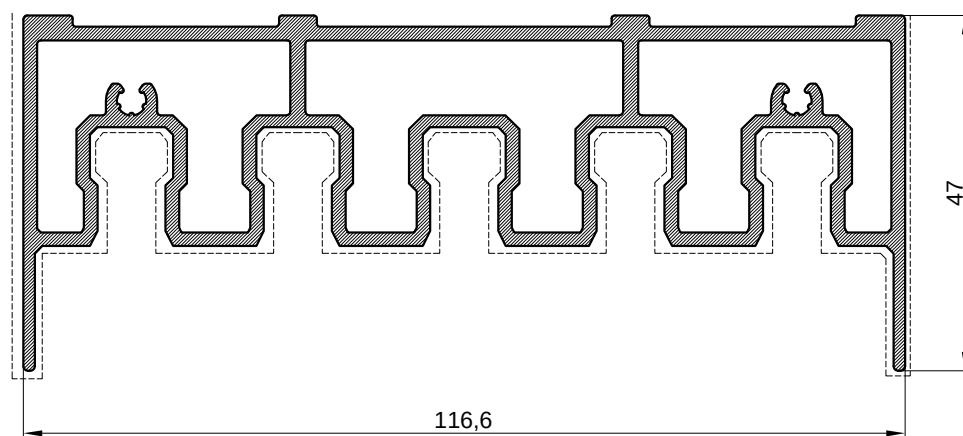




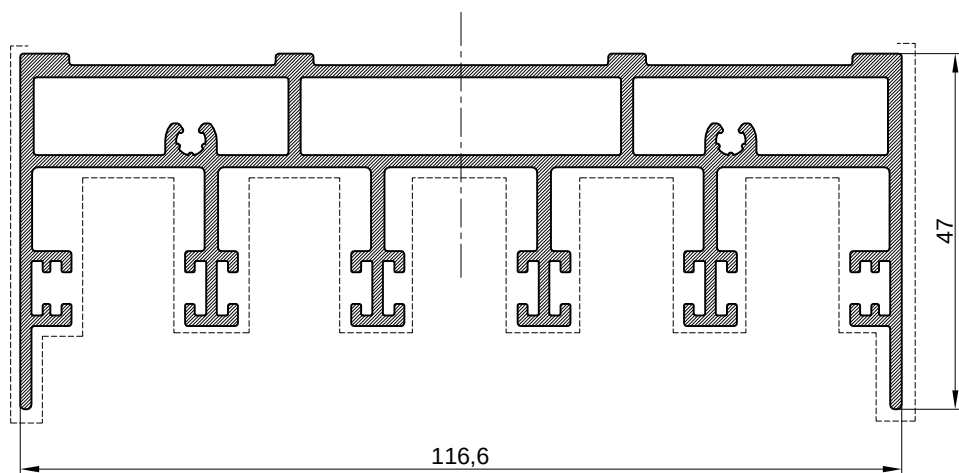
Al profil Al profile		
Art.Br. Art.Nr.	FR-100	
Površina Area	mm ²	568.89
Opseg Perimeter	mm	386.35
Moment inercije Moments of inertia	Ix (cm ⁴)	7.9303
	Iy (cm ⁴)	92.936
	Wx (cm ³)	2.4915
	Wy (cm ³)	14.619
L	mm	6500



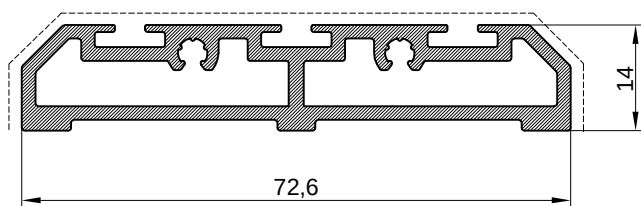
Al profil Al profile		
Art.Br. Art.Nr.	FR-101	
Površina Area	mm ²	617.45
Opseg Perimeter	mm	340.96
Moment inercije Moments of inertia	Ix (cm ⁴)	1.3627
	Iy (cm ⁴)	73.401
	Wx (cm ³)	1.8847
	Wy (cm ³)	12.590
L	mm	6500



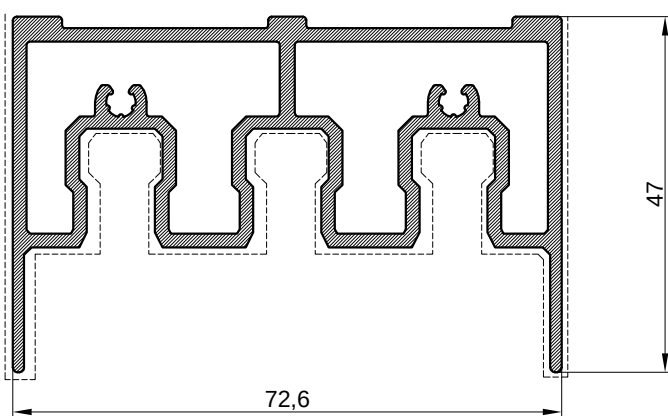
Al profil Al profile		
Art.Br. Art.Nr.	FR-102	
Površina Area	mm ²	937.95
Opseg Perimeter	mm	522.15
Moment inercije Moments of inertia	Ix (cm ⁴)	11.701
	Iy (cm ⁴)	136.059
	Wx (cm ³)	3.8040
	Wy (cm ³)	23.3376
L	mm	6500



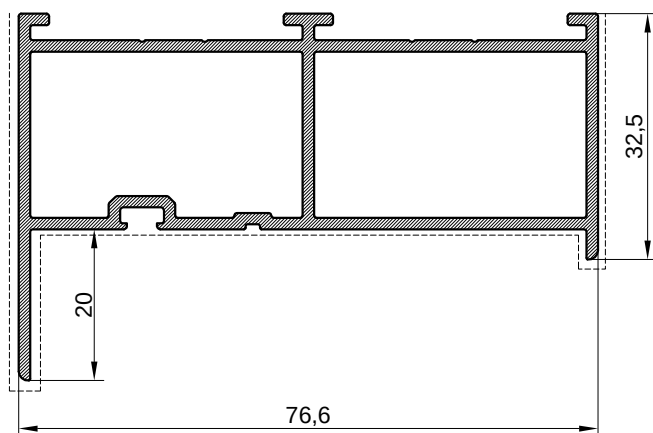
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Art.Br. Art.Nr.	FR-106	
Površina Area	mm ²	876.17
Opseg Perimeter	mm	748.46
Moment inerције Moments of inertia	I _x (cm ⁴)	12.6515
	I _y (cm ⁴)	125.2443
	W _x (cm ³)	4.1671
	W _y (cm ³)	21.4827
L	mm	6500



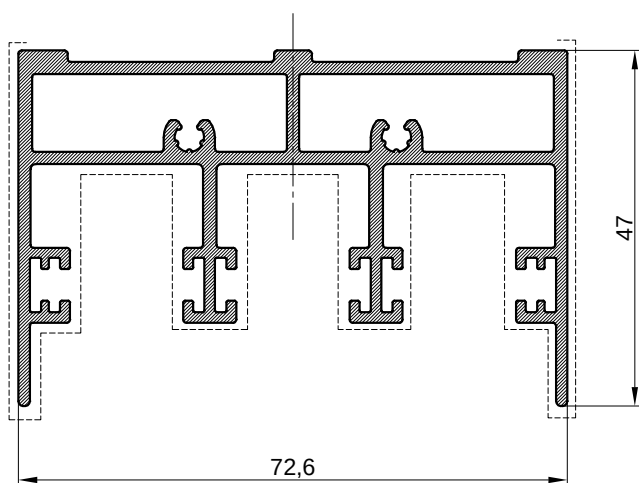
Al profil Al profile		
Art.Br. Art.Nr.	FR-111	
Površina Area	mm ²	388.89
Opseg Perimeter	mm	217.42
Moment inercije Moments of inertia	I _x (cm ⁴)	0.8449
	I _y (cm ⁴)	18.1101
	W _x (cm ³)	1.1686
	W _y (cm ³)	0.8449
L	mm	6500



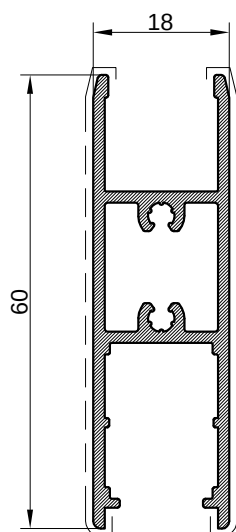
Al profil Al profile		
Art.Br. Art.Nr.	FR-112	
Površina Area	mm ²	643.20
Opseg Perimeter	mm	368.78
Moment inercije Moments of inertia	I _x (cm ⁴)	8.5783
	I _y (cm ⁴)	38.7632
	W _x (cm ³)	2.8329
	W _y (cm ³)	10.6785
L	mm	6500



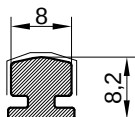
Al profil Al profile		
Art.Br. Art.Nr.	FR-113	
Površina Area	mm ²	405.80
Opseg Perimeter	mm	298.35
Moment inercije Moments of inertia	Ix (cm ⁴)	5.9701
	Iy (cm ⁴)	28.1191
	Wx (cm ³)	1.8922
	Wy (cm ³)	6.8499
L	mm	6500



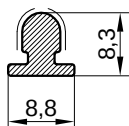
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Art.Br. Art.Nr.	FR-114	
Površina Area	mm ²	597.41
Opseg Perimeter	mm	512.94
Moment inercije Moments of inertia	Ix (cm ⁴)	9.1028
	Iy (cm ⁴)	35.6994
	Wx (cm ³)	3.0362
	Wy (cm ³)	9.8345
L	mm	6500



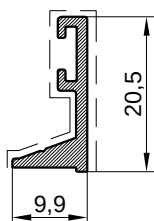
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Art.Br. Art.Nr.	FR-103	
Površina Area	mm ²	259.74
Opseg Perimeter	mm	243.39
Moment inercije Moments of inertia	I _x (cm ⁴)	6.5716
	I _y (cm ⁴)	1.3696
	W _x (cm ³)	2.1532
	W _y (cm ³)	1.5218
L	mm	6500



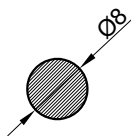
Al profil Al profile		
Art.Br. Art.Nr.	FR-104	
Površina Area	mm ²	56.89
Opseg Perimeter	mm	40.11
Moment inercije Moments of inertia	I _x (cm ⁴)	0.0316
	I _y (cm ⁴)	0.0282
	W _x (cm ³)	0.0765
	W _y (cm ³)	0.0703
L	mm	6500



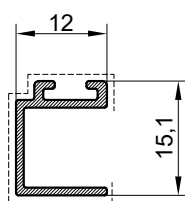
Al profil Al profile		
Art.Br. Art.Nr.	FR-108	
Površina Area	mm ²	42.11
Opseg Perimeter	mm	33.78
Moment inercije Moments of inertia	I _x (cm ⁴)	0.0246
	I _y (cm ⁴)	0.0133
	W _x (cm ³)	0.0519
	W _y (cm ³)	0.0302
L	mm	6500



Al profil Al profile		
Art.Br. Art.Nr.	FR-105	
Površina Area	mm ²	52.49
Opseg Perimeter	mm	72.85
Moment inercije Moments of inertia	I _x (cm ⁴)	0.2615
	I _y (cm ⁴)	0.0320
	W _x (cm ³)	0.2119
	W _y (cm ³)	0.0431
L	mm	6500



Al profil Al profile		
Art.Br. Art.Nr.	F-0022	
Površina Area	mm ²	50.266
Opseg Perimeter	mm	25.132
L	mm	6000



Al profil Al profile		
Art.Br. Art.Nr.	FR-107	
Površina Area	mm ²	43.45
Opseg Perimeter	mm	84.71
L	mm	6500
NAPOMENA: -Profil se eloxira -Ukoliko se profil plastificira potrebno je zaštititi utor za staklo REMARK: -Profile-finish treatment will be elox -If the profile is for plastification it is necessary to protect the glass slot		

Vezni elementi

Connection elements

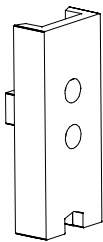
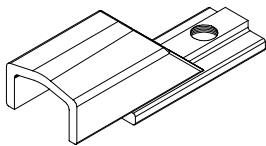
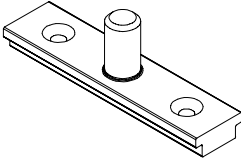
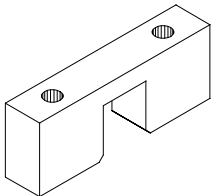




PVC elementi

PVC elements

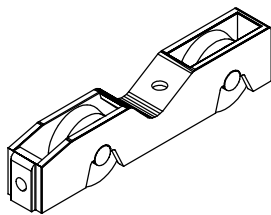
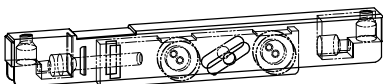
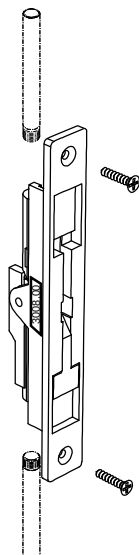
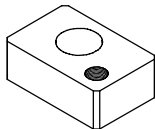


Oznaka Code	Izgled-presjek View-cross section	Opis Description	Materijal Material	Napomena Remark
370.061		- Bočni čep krila sa prihvatom krila - Side sash cap with sash acceptor	POLIAMID PA6	
370.058		- Čep vodilice praga - Threshold guide cap	POLIAMID PA6	
370.056		- Usmjerivač krila - Sash router	POLIAMID PA6	
521.145		- Umetak za fiksiranje fiksnog krila - Insert for fixed sash	POLIAMID PA6	



Mehanizmi Mechanisms

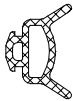


Oznaka Code	Izgled-presjek View-cross section	Opis Description	Materijal Material	Napomena Remark
521.143		- Kotačići Giesse (120 kg) - Oznaka proizvođača E365 - Bogie Giesse (120 kg) - Manufacturer code E365		
140.064		- Kotačići Roto (120 kg) - Oznaka proizvođača 615951 - Bogie Roto (120 kg) - Manufacturer code 615951		
124.006		- Preklopni zapinjač-zasun (bravica za zaključavanje) /Stublina/ 3008.00 - Bi-fold door latch /Stublina/ 3008.00	Zn	
521.146		- Umetak za usmjerivanje osovine za ključanje - Insert for routing shaft for lock	Al	



Brtvila Gaskets



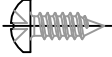
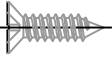
Oznaka Code	Izgled-presjek View- cross section	Opis Description	Materijal Material	Tvrdoća Hardness (ShA)
340.053		- Brtva u vertikalnom pojasu rama - Gasket in vertical frame zone	ELASTRON	
340.054		- Brtva prema staklu krila - Gasket to the sash glass	ELASTRON	
340.055		- Brtva praga - Threshold gasket	ELASTRON	
347.004		- Četkasta brtva 7x5.5 - Stara oznaka PB*HFC - Brush gasket 7x5.5 - Former code PB*HFC	PP	





Dodaci Accessories

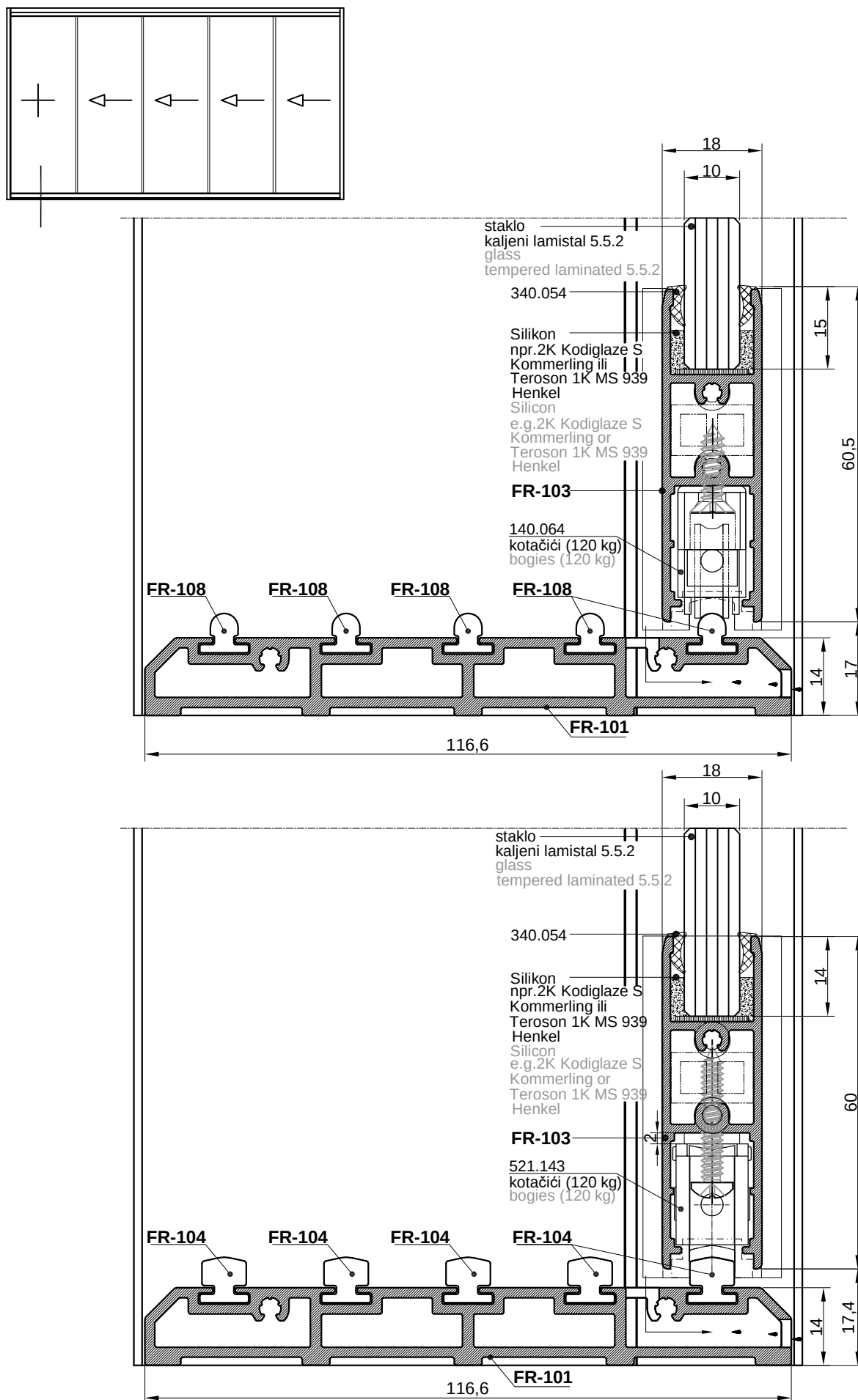


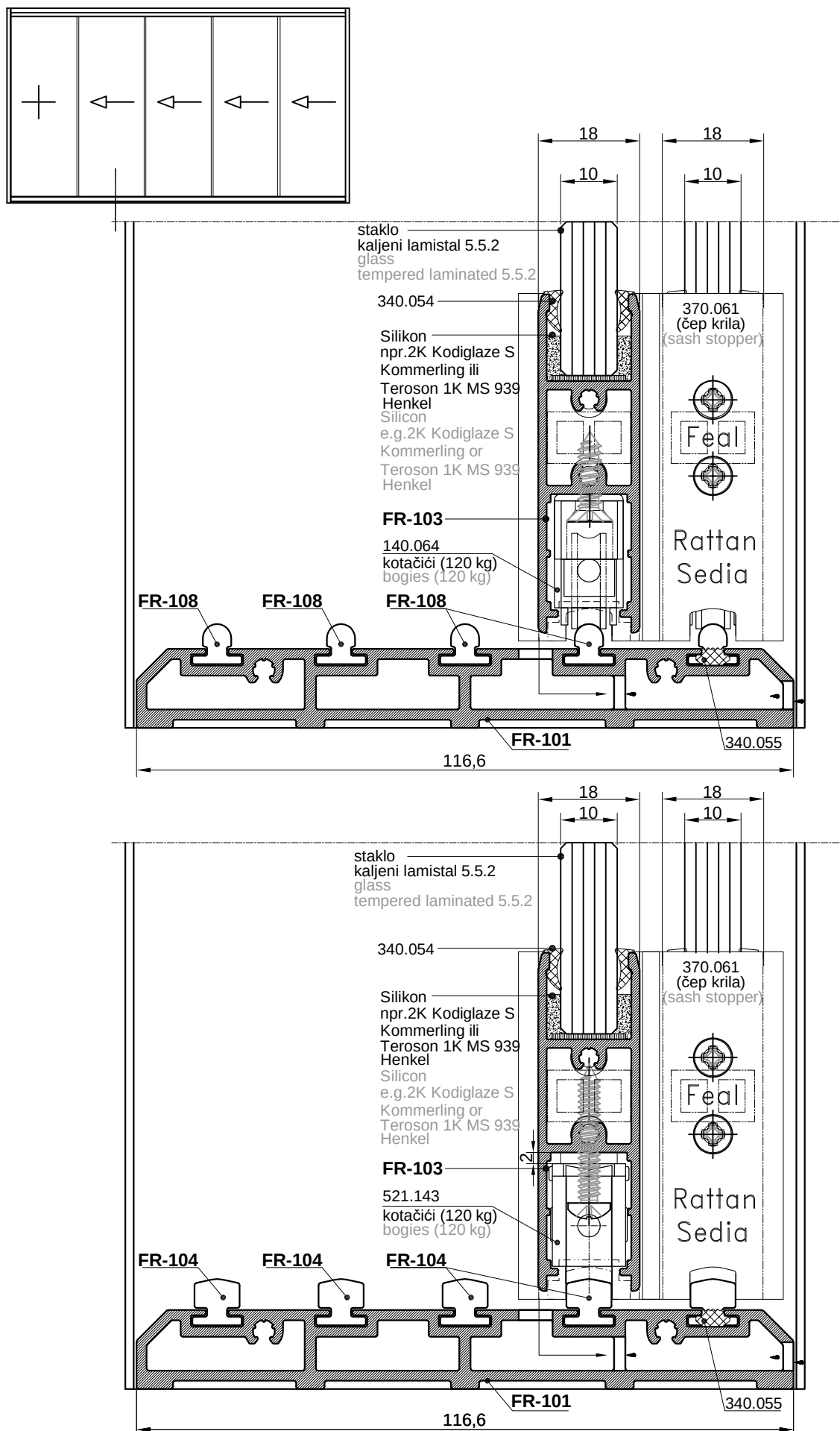
Oznaka Code	Opis Description	Izgled-presjek View-cross section	Materijal Material	Napomena Remark
433.020	3.9x25 DIN 7981			
433.021	3.9x32 DIN 7981			
433.090	3.5x9.5 DIN 7982			
433.091	3.5x13 DIN 7982			
433.097	3.5x38 DIN 7982			
433.104	3.9x13 DIN 7982			
433.105	3.9x16 DIN 7982			

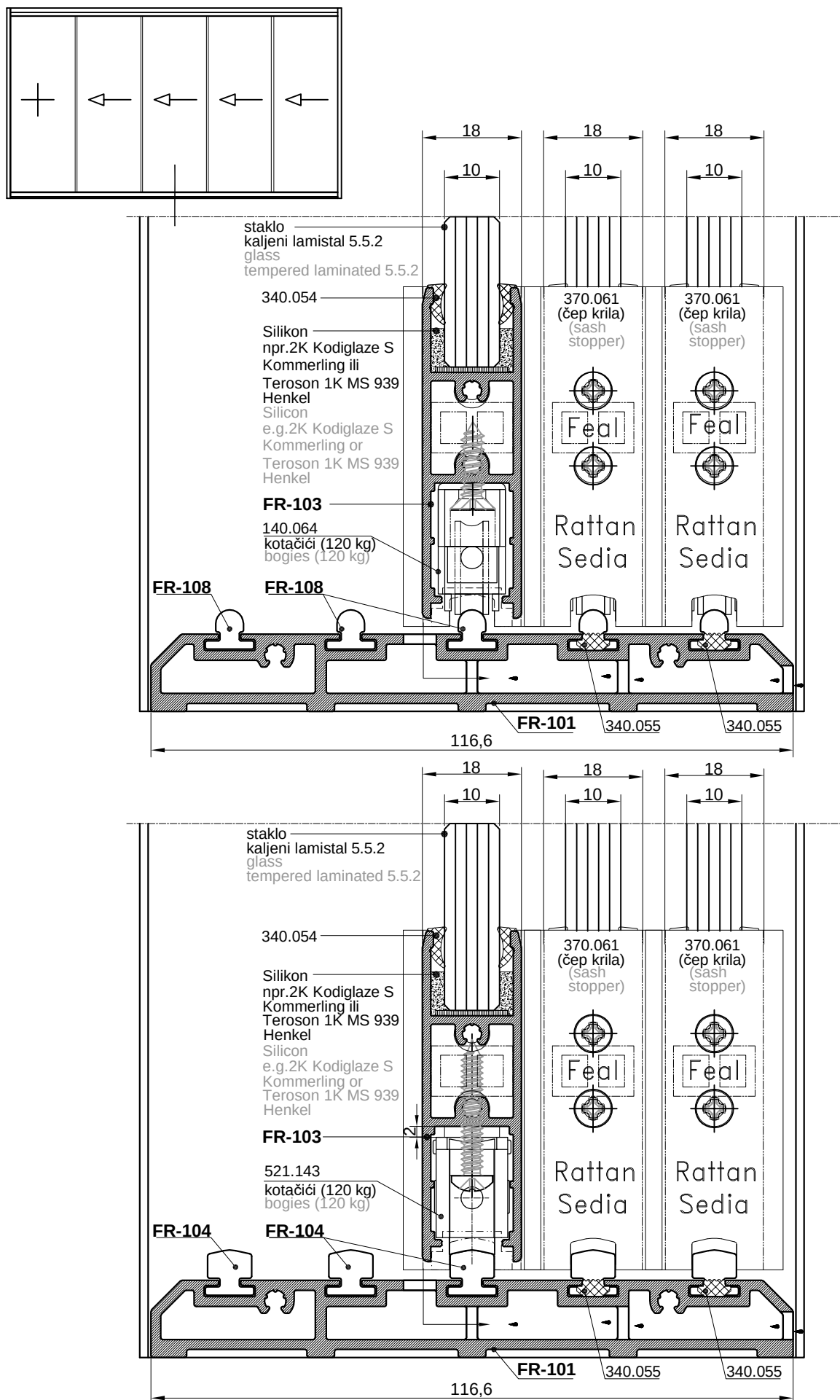


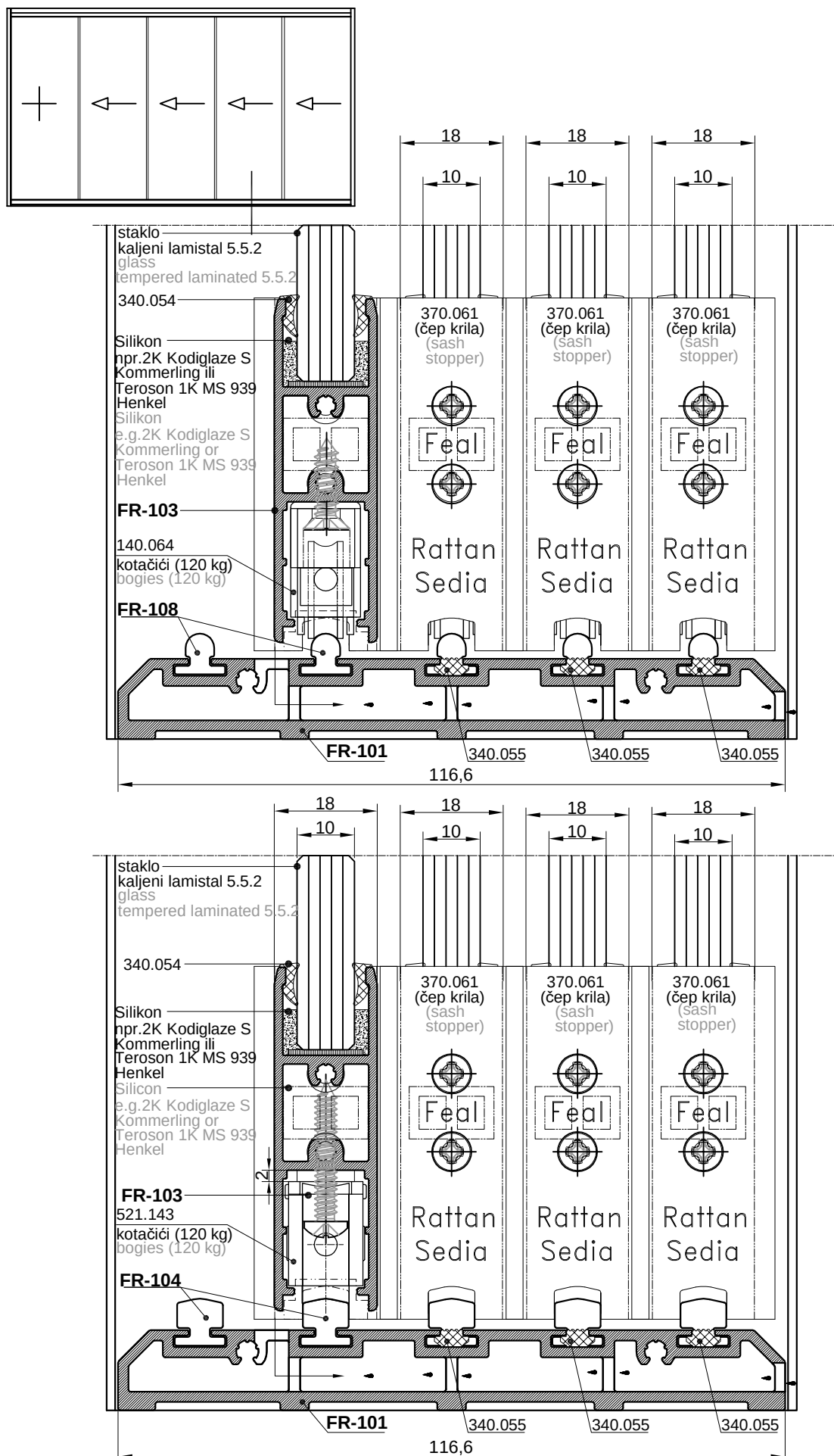
Presjeci Cross sections

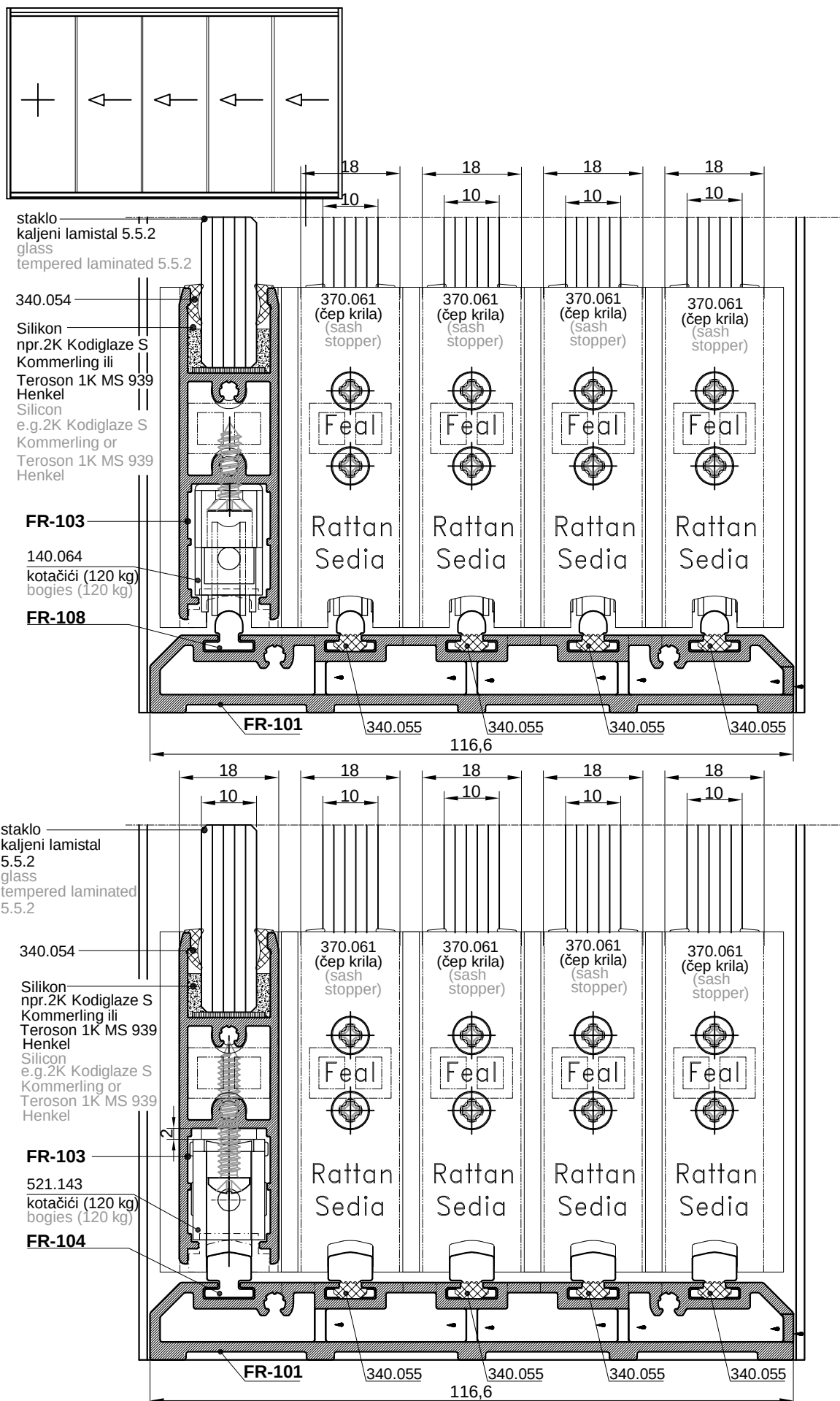


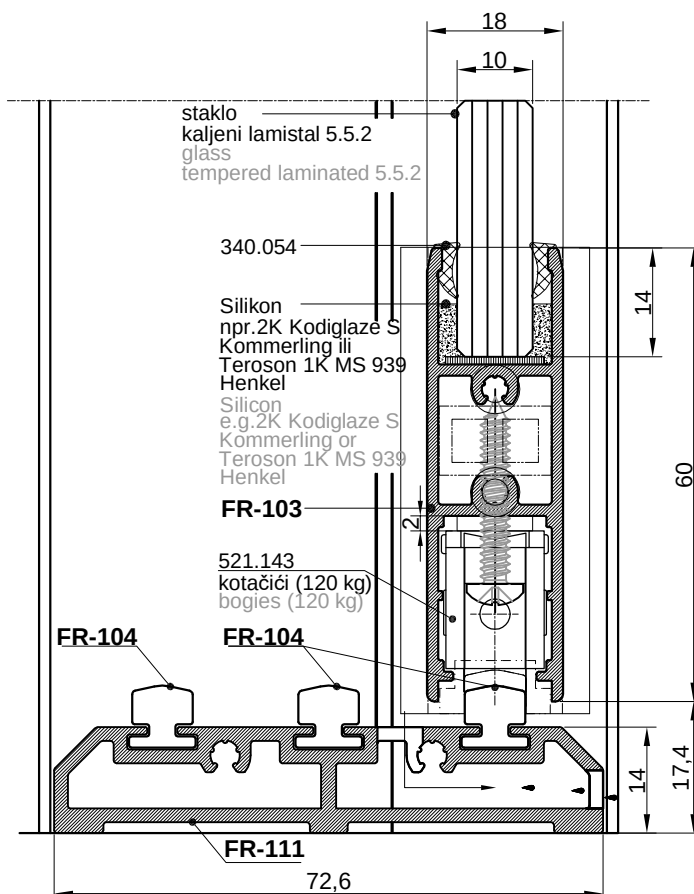
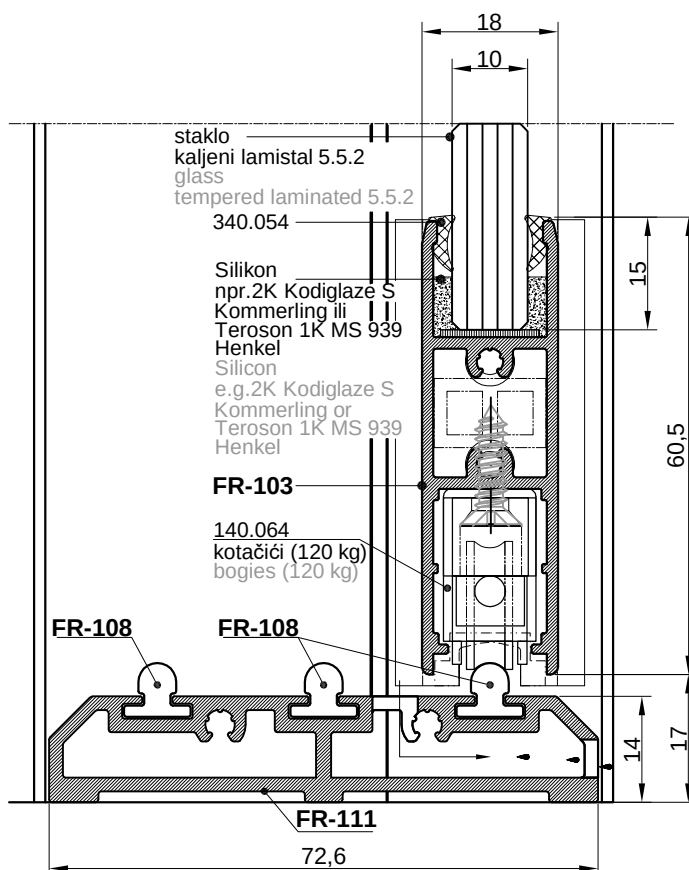
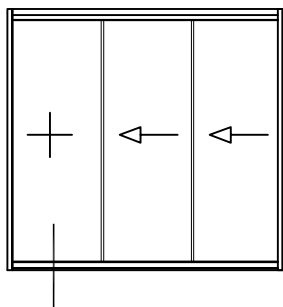


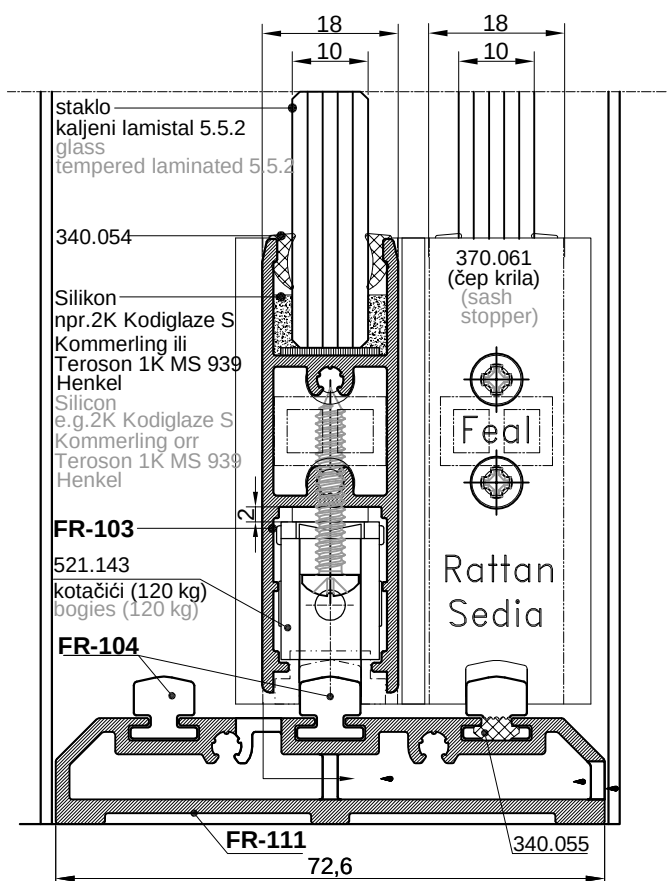
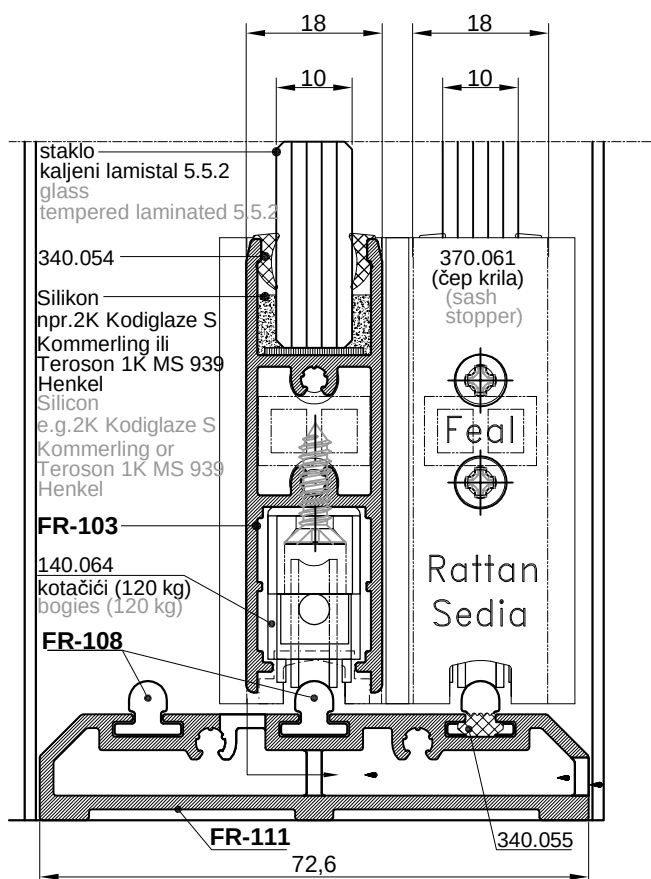
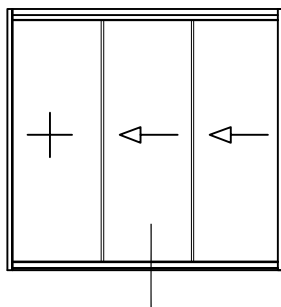


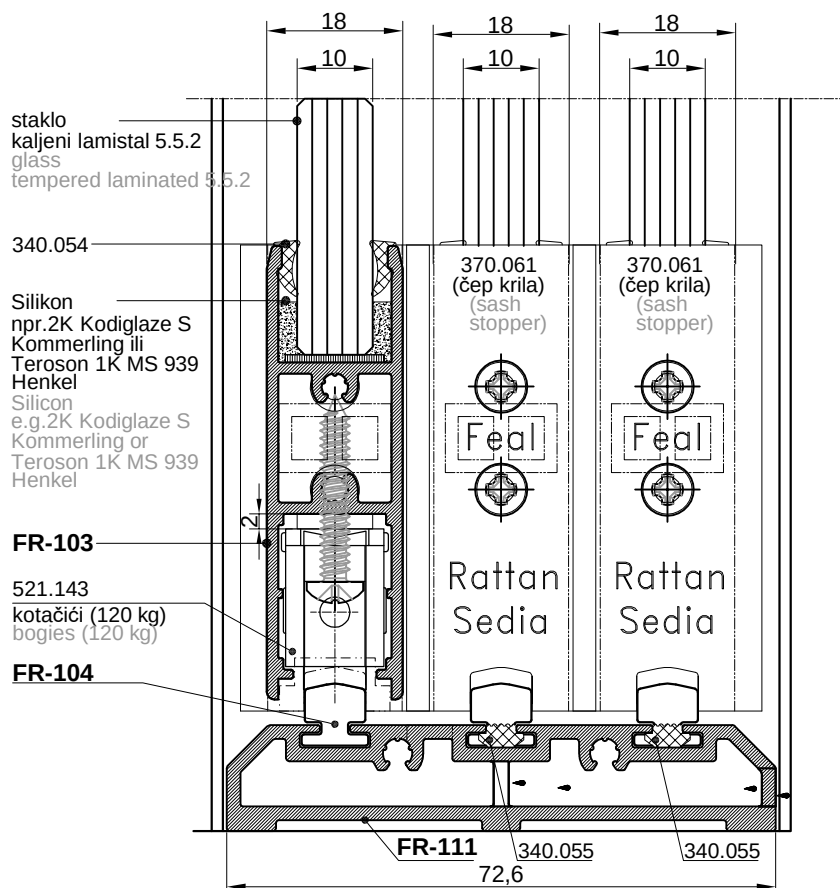
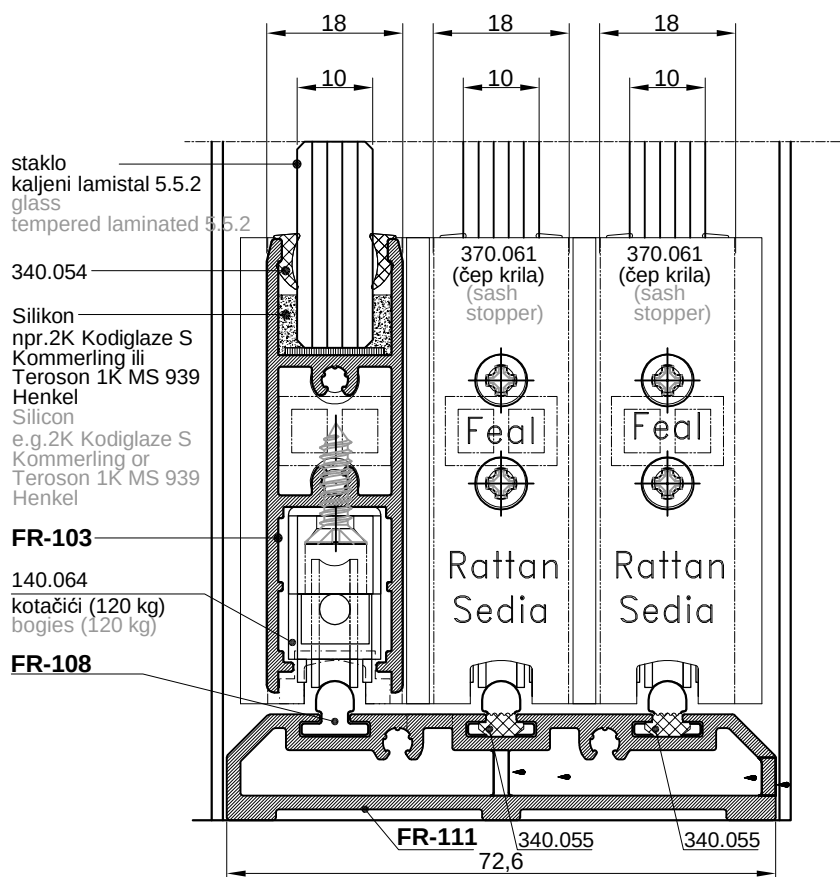
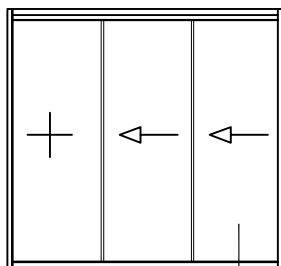


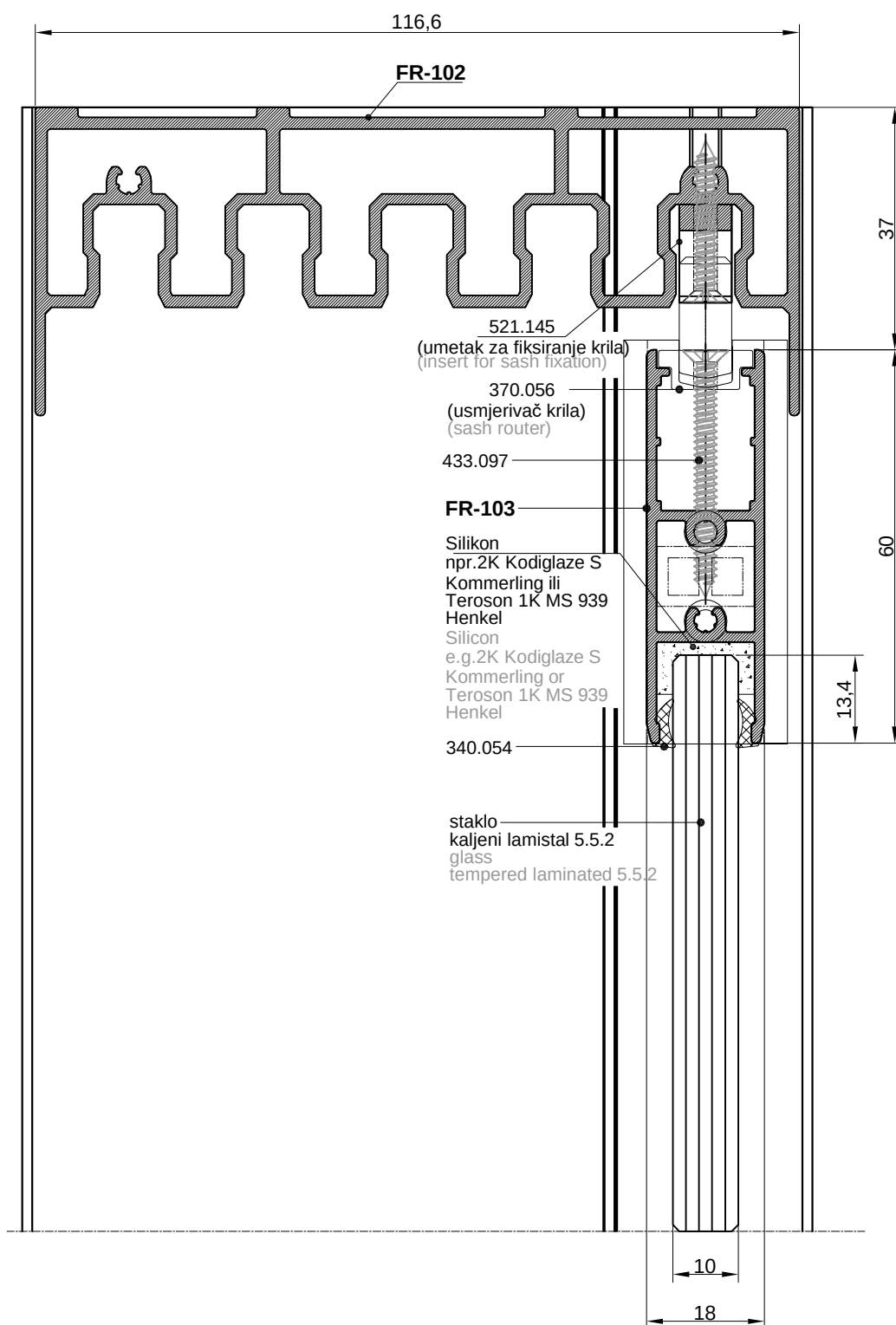
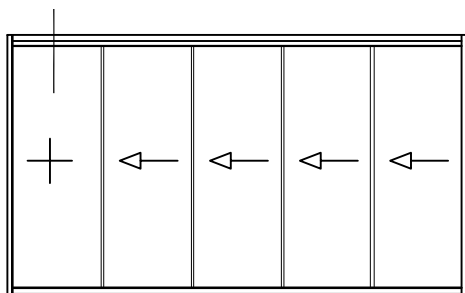


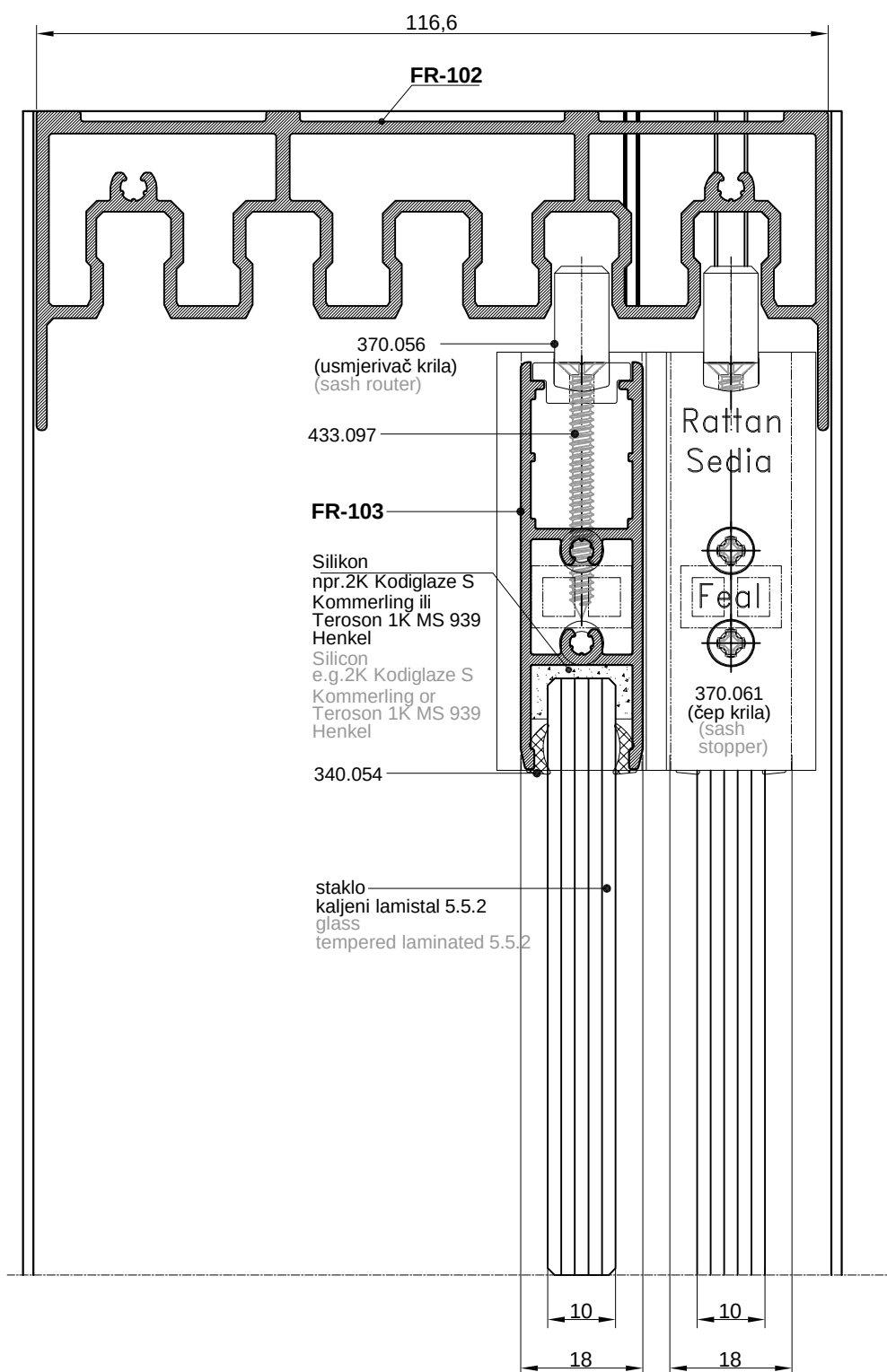
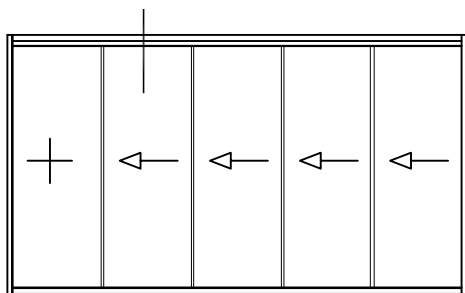


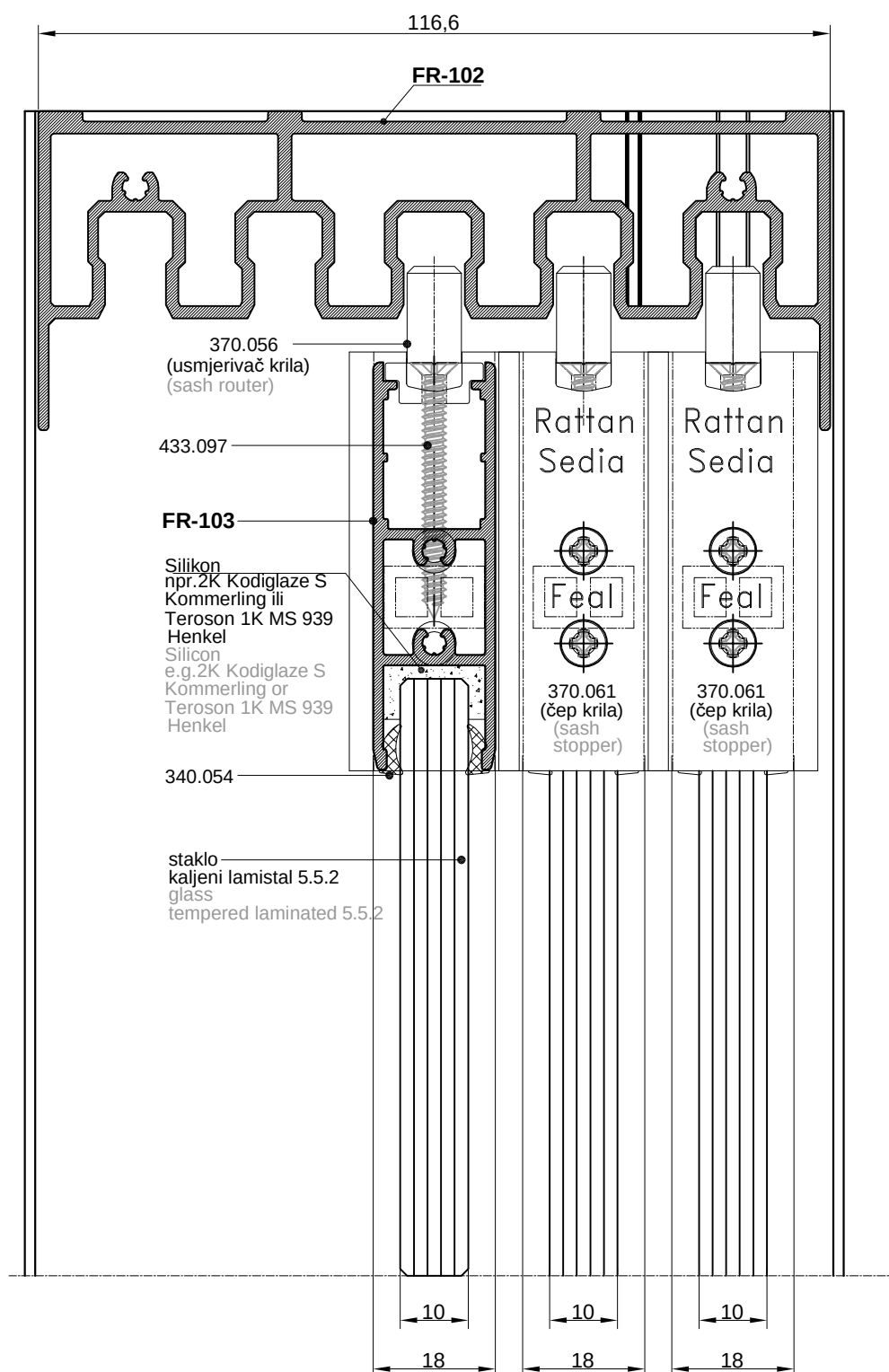
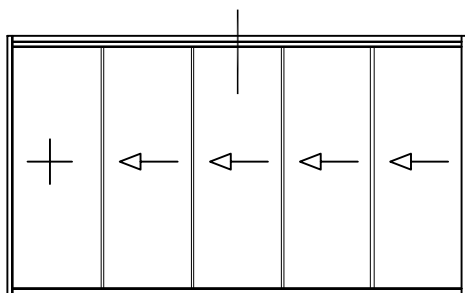


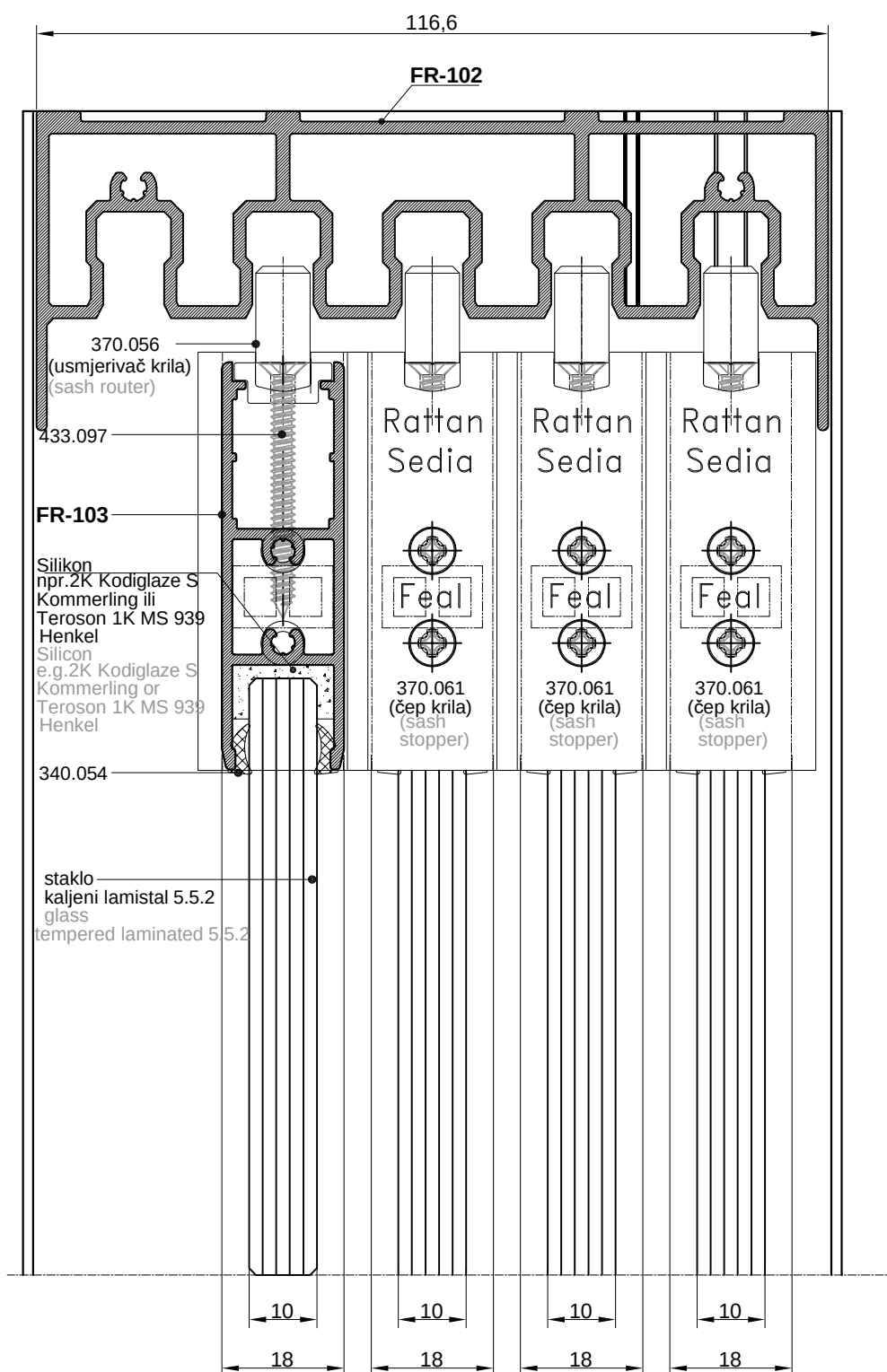
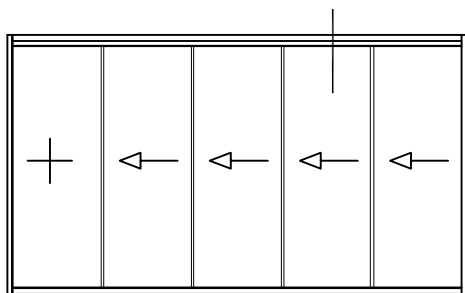


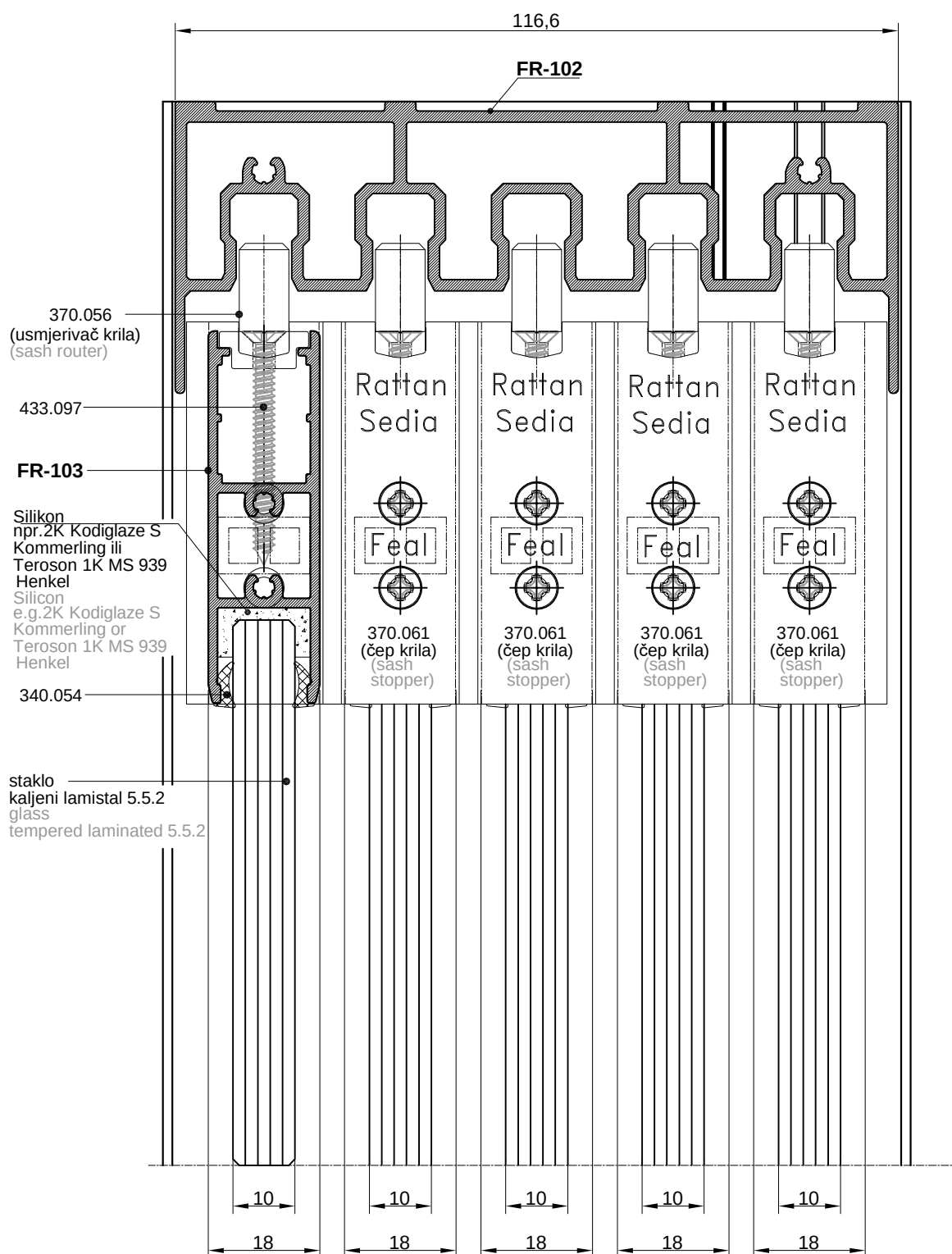
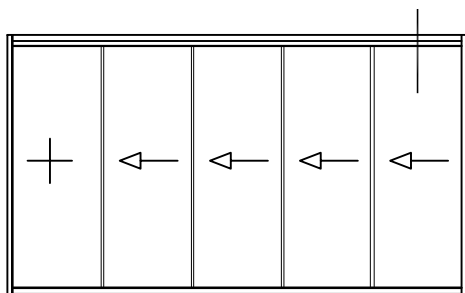


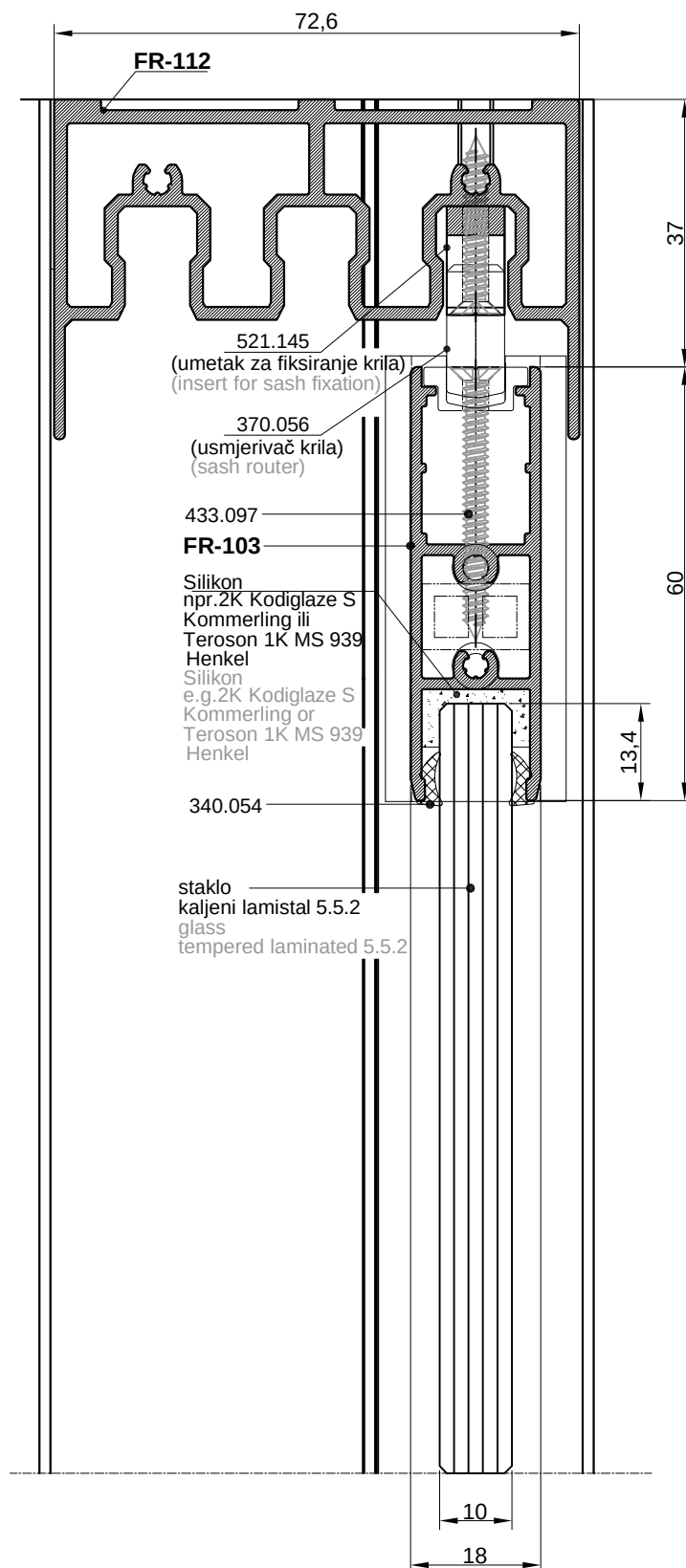
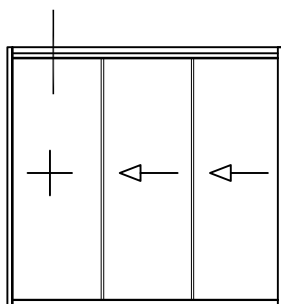


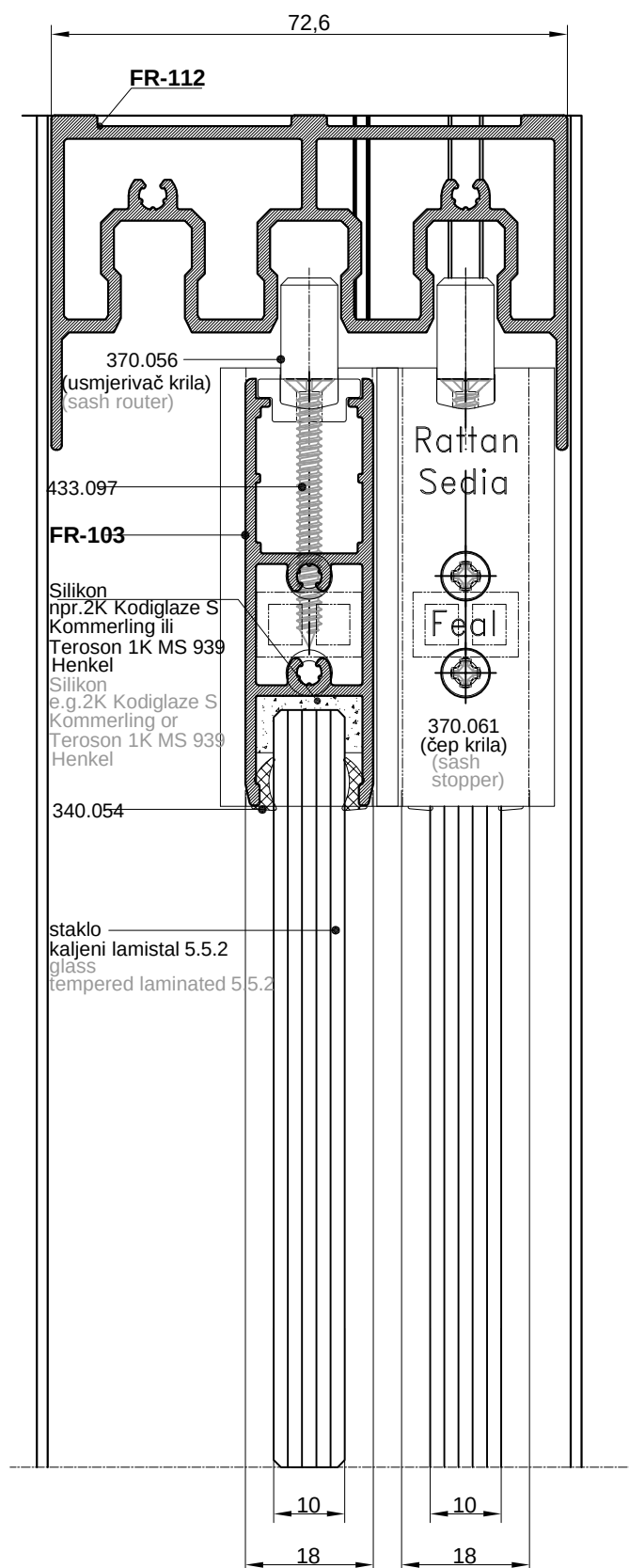
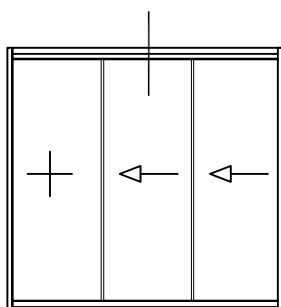


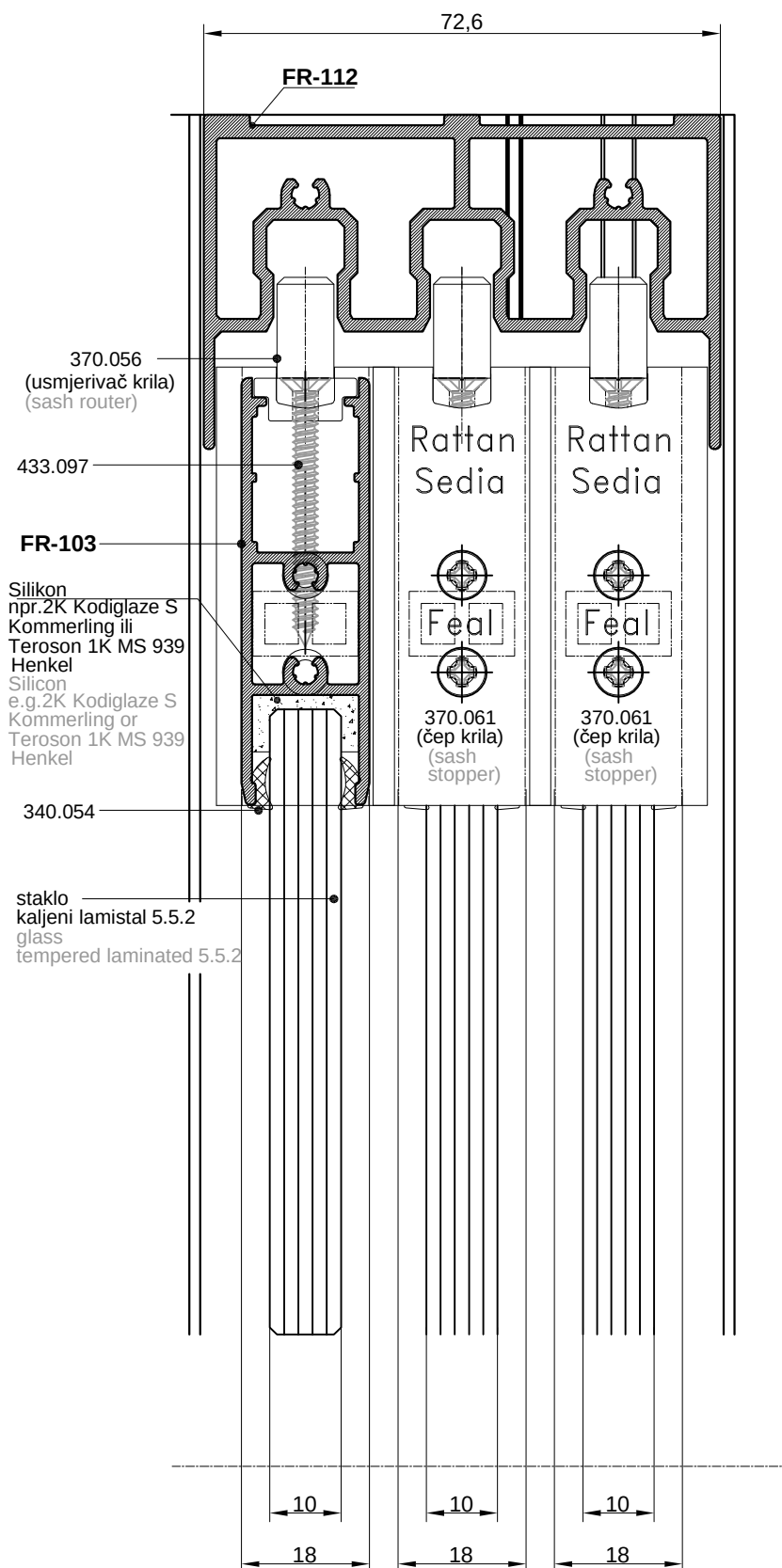
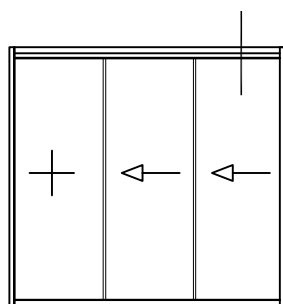


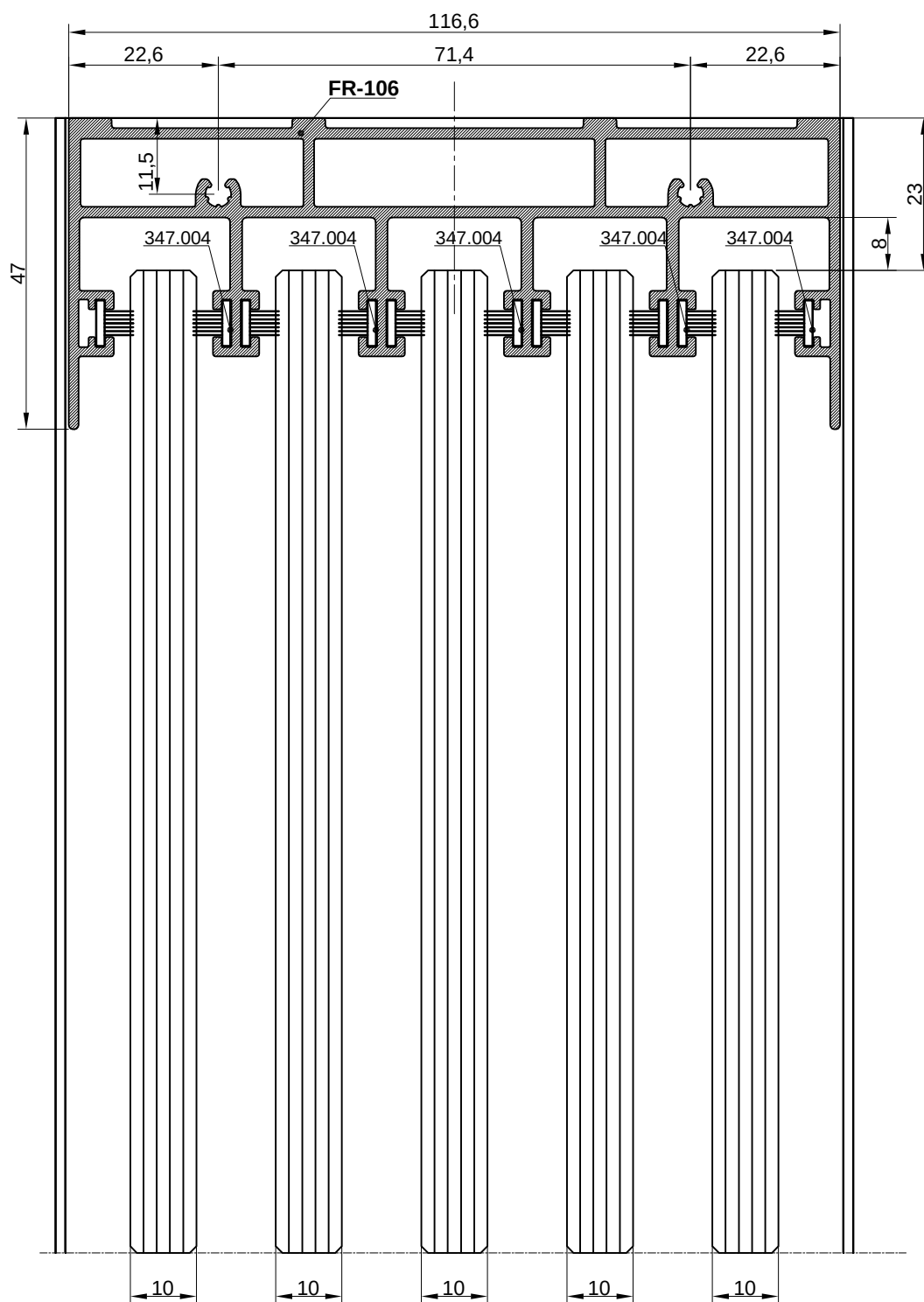
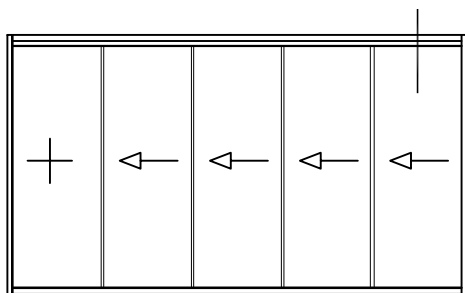


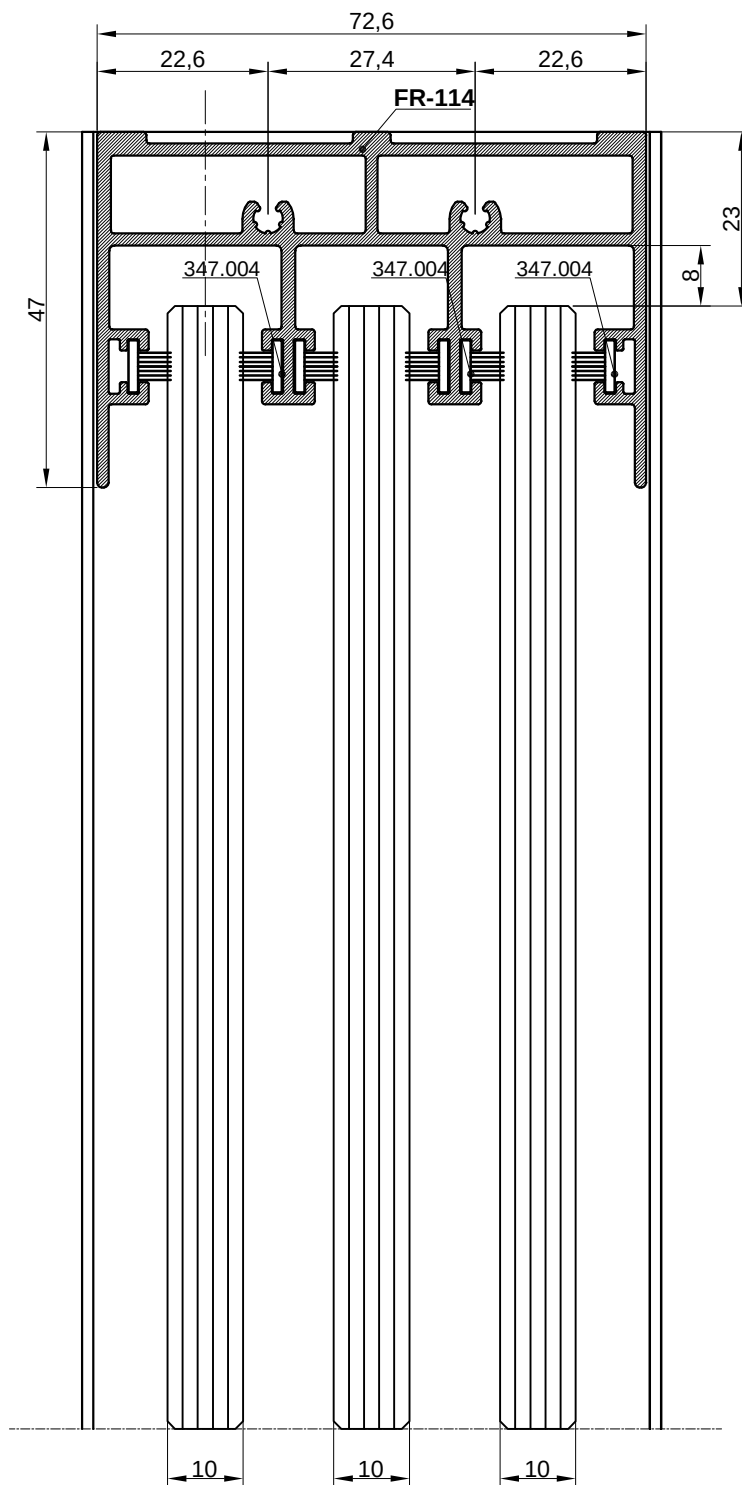
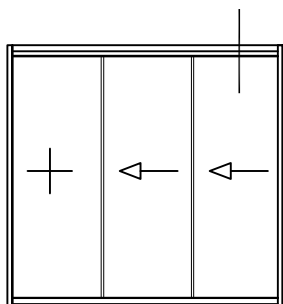


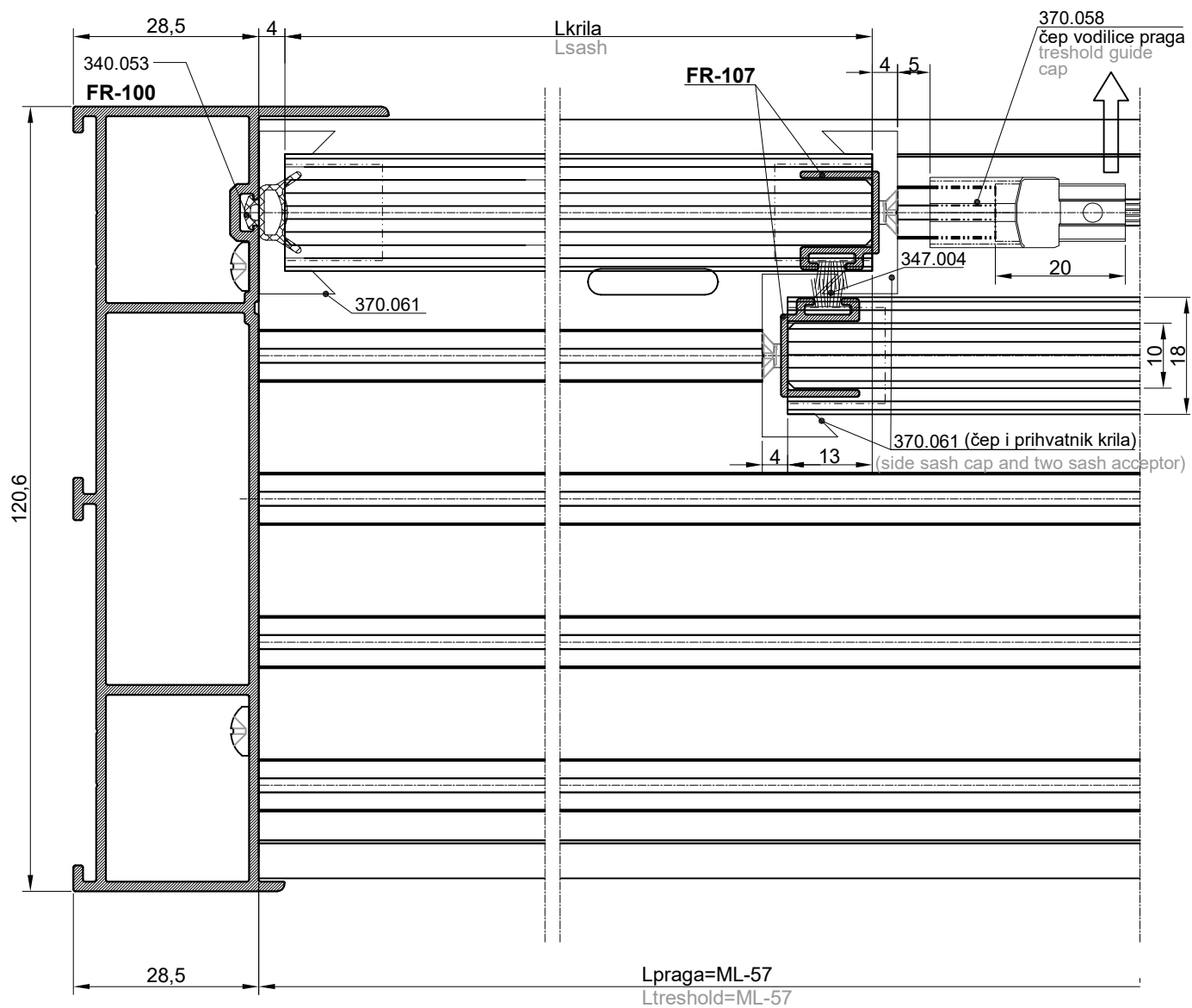
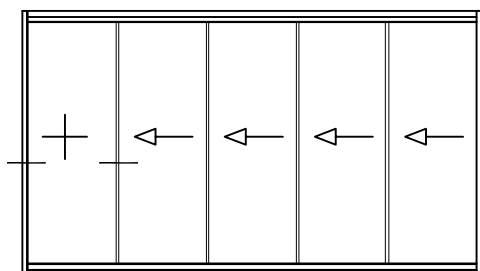


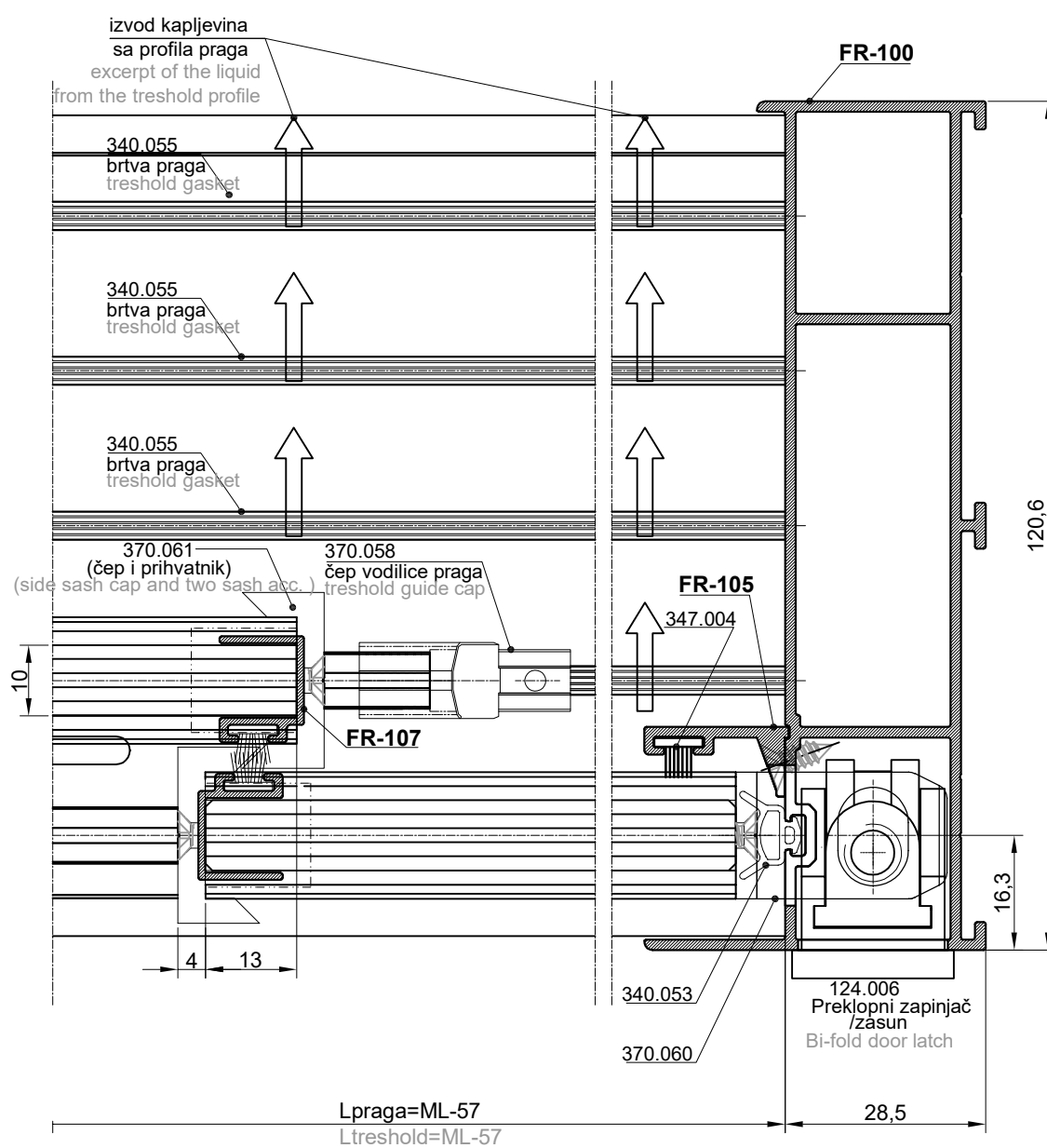
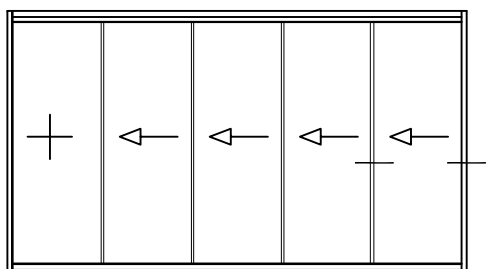


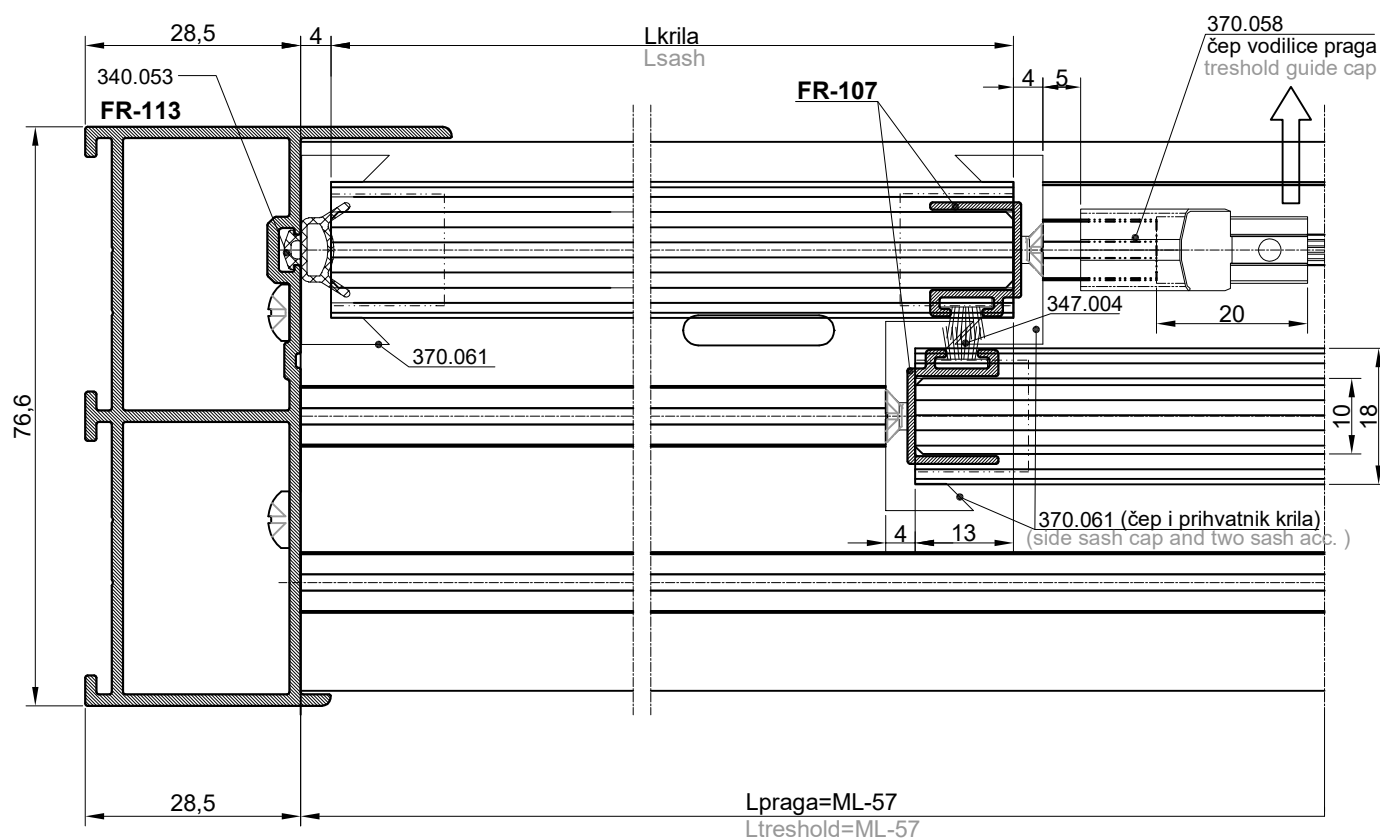
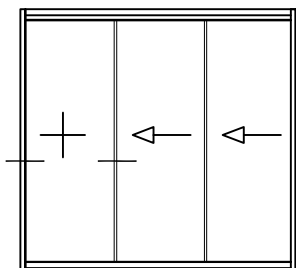


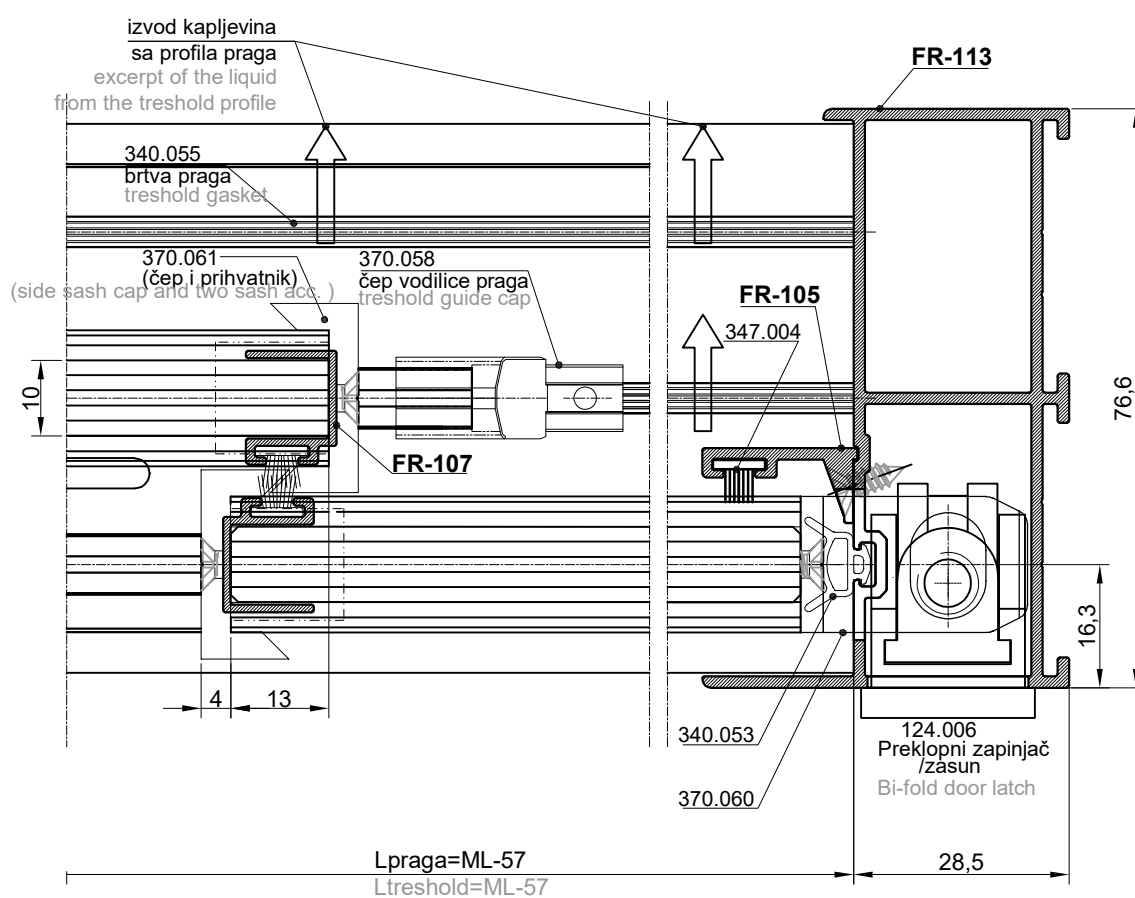
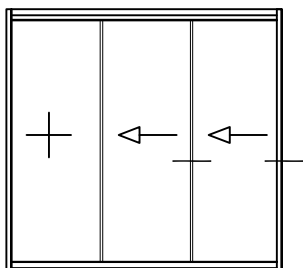








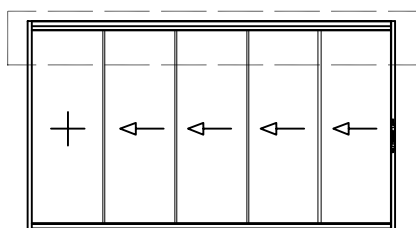




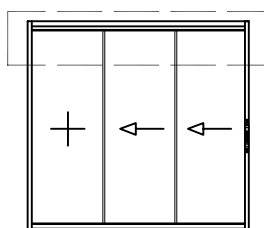
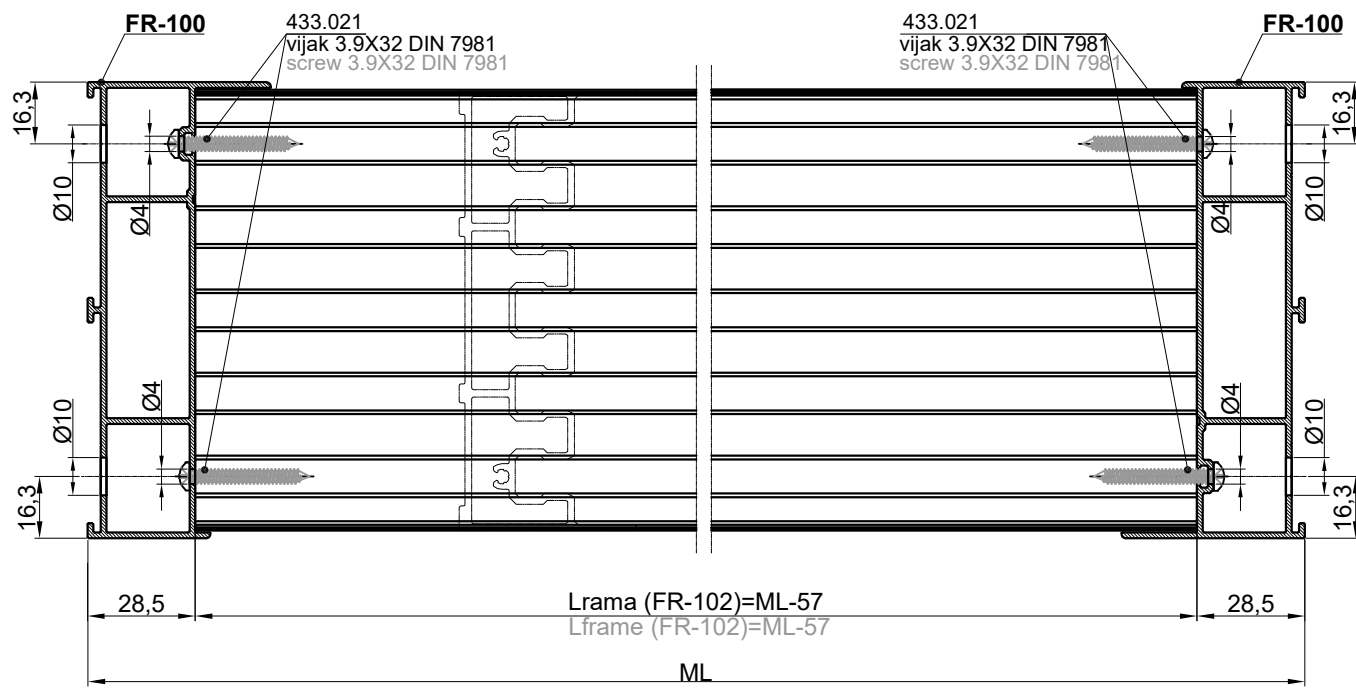
Obrada i montaža

Processing and montage

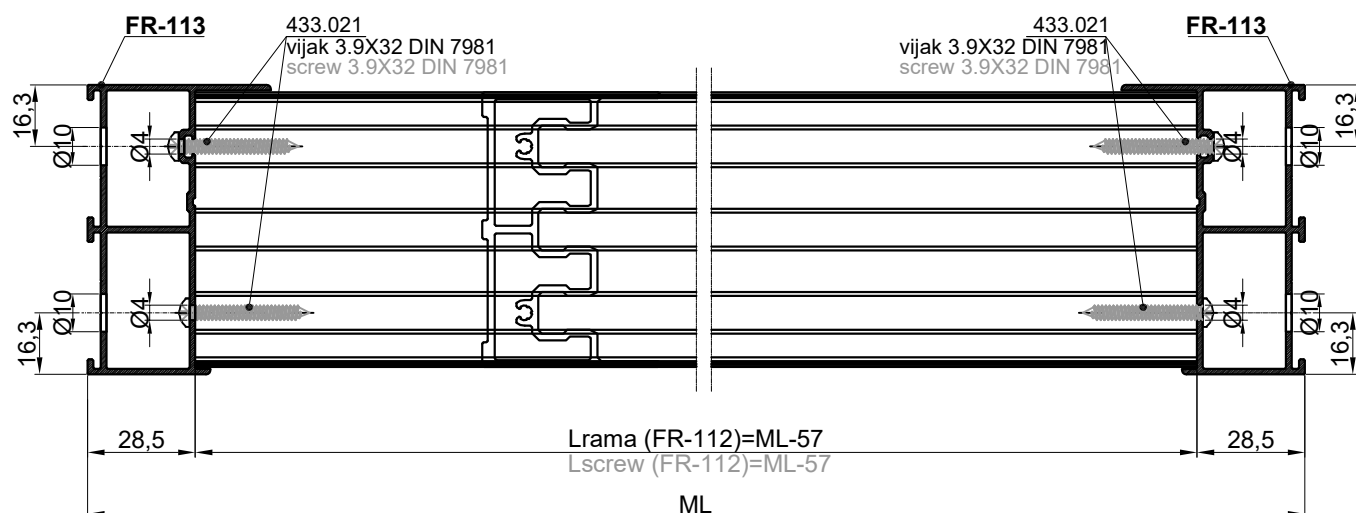


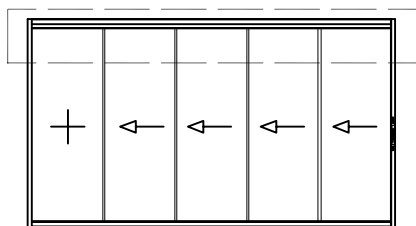


- pilanje gornjeg horizontalnog rama FR-102 i spoj sa vertikalnim ramom FR-100
- cutting the upper horizontal frame FR-102 and connecting to the vertical frame FR-100

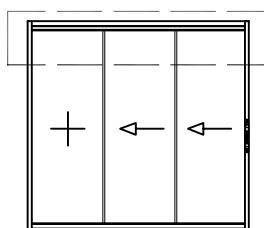
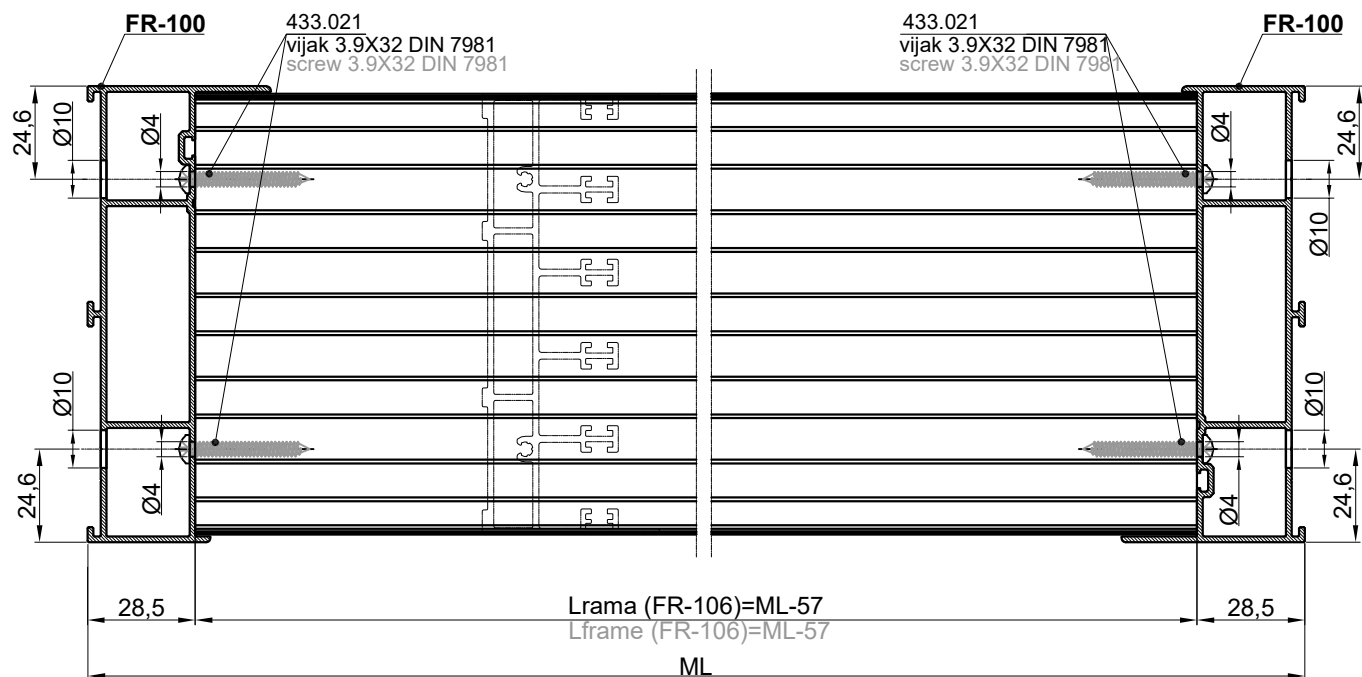


- pilanje gornjeg horizontalnog rama FR-112 i spoj sa vertikalnim ramom FR-113
- cutting the upper horizontal frame FR-112 and connecting to the vertical frame FR-113

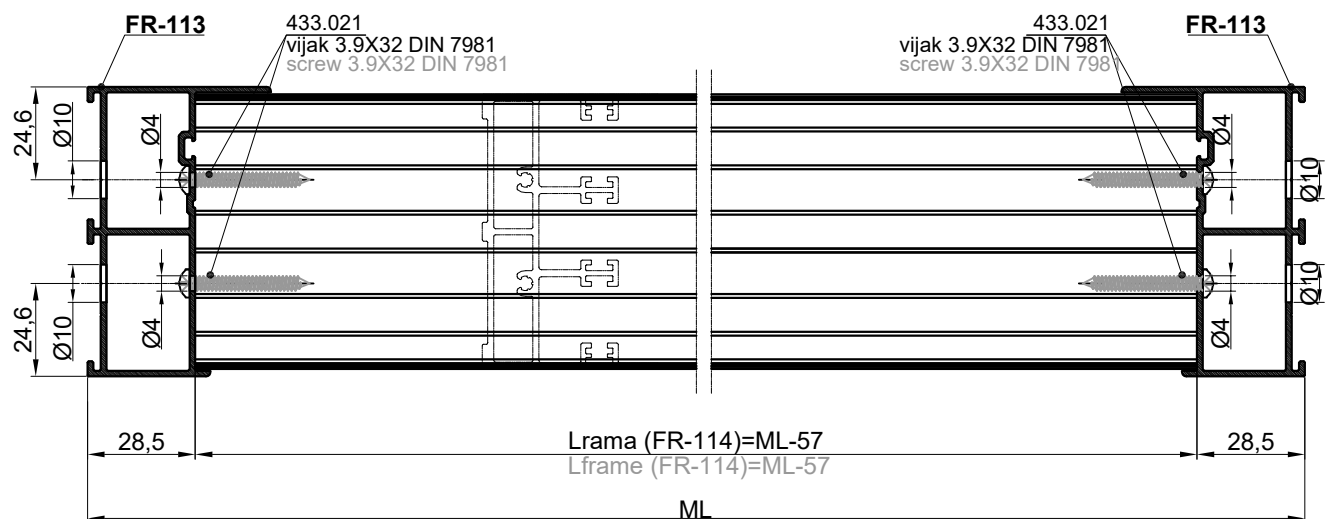


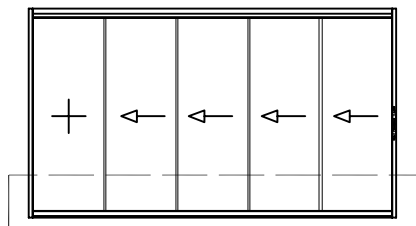


- pilanje gornjeg horizontalnog rama FR-106 i spoj sa vertikalnim ramom FR-100
- cutting the upper horizontal frame FR-106 and connecting to the vertical frame FR-100

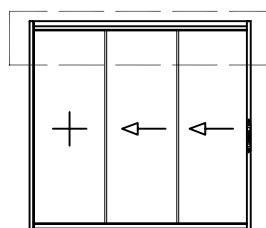
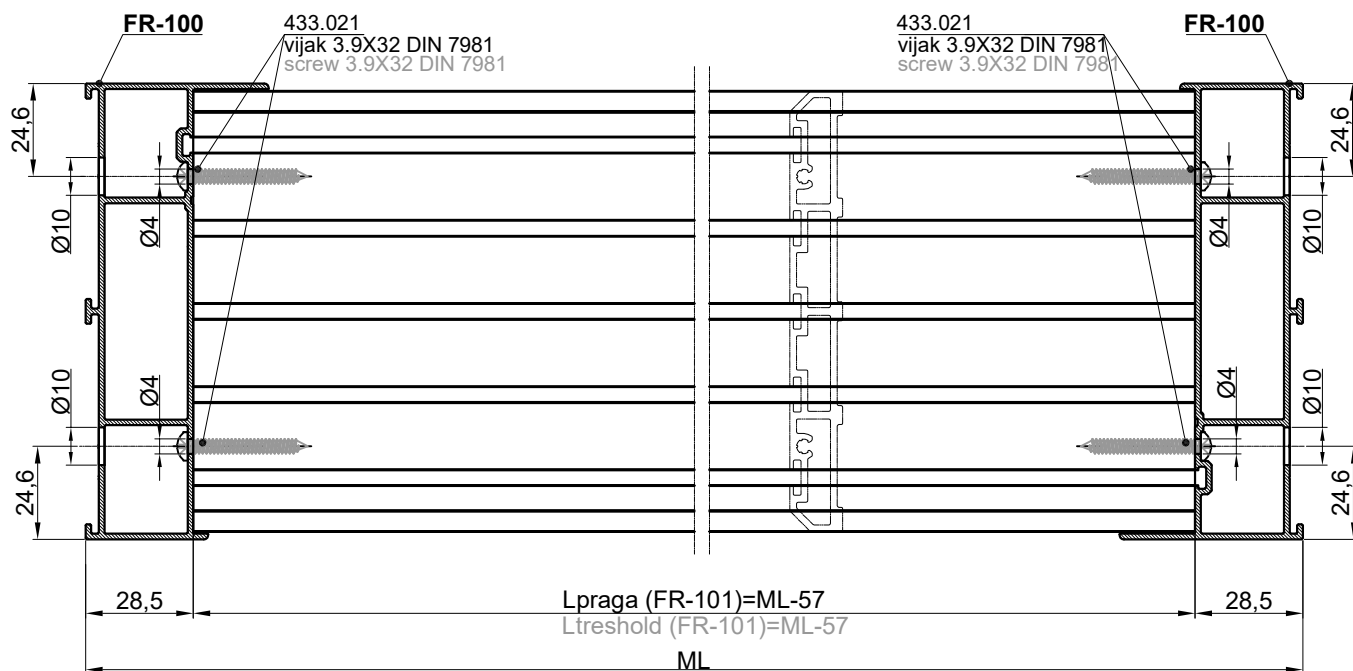


- pilanje gornjeg horizontalnog rama FR-114 i spoj sa vertikalnim ramom FR-113
- cutting the upper horizontal frame FR-114 and connecting to the vertical frame FR-113

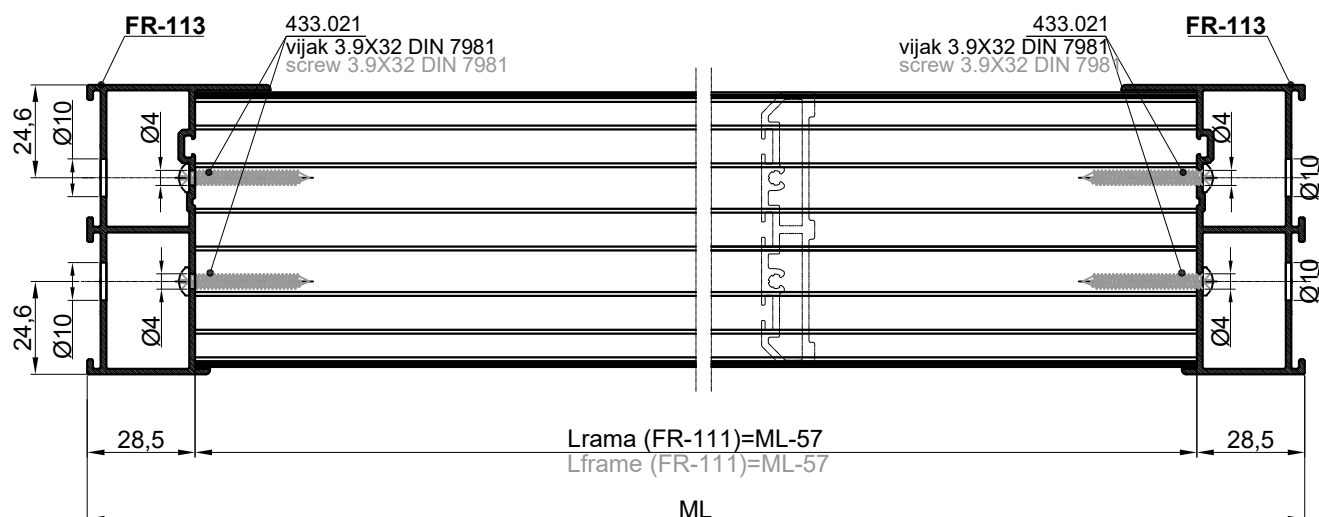


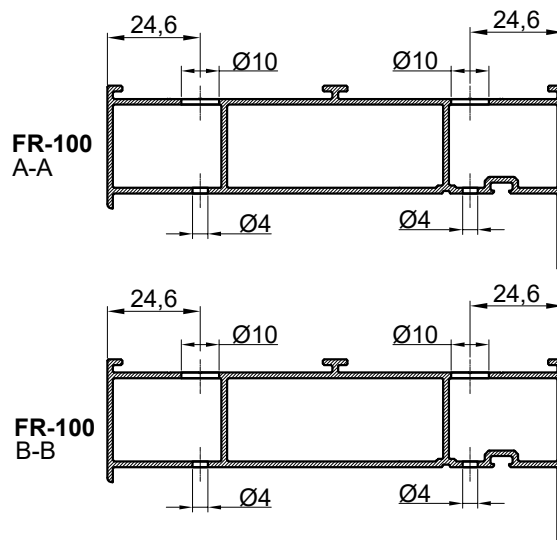
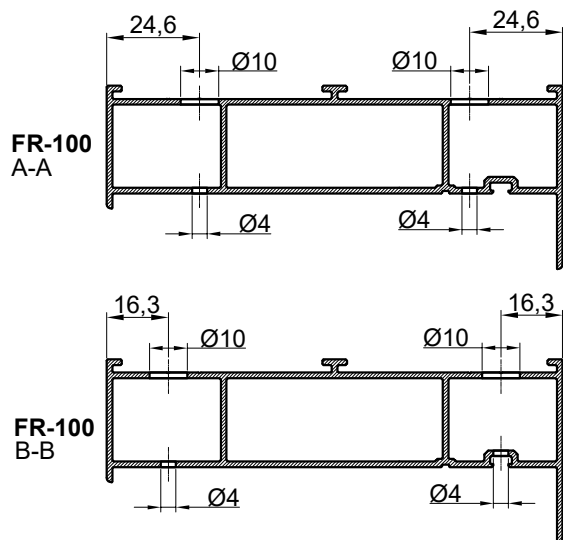
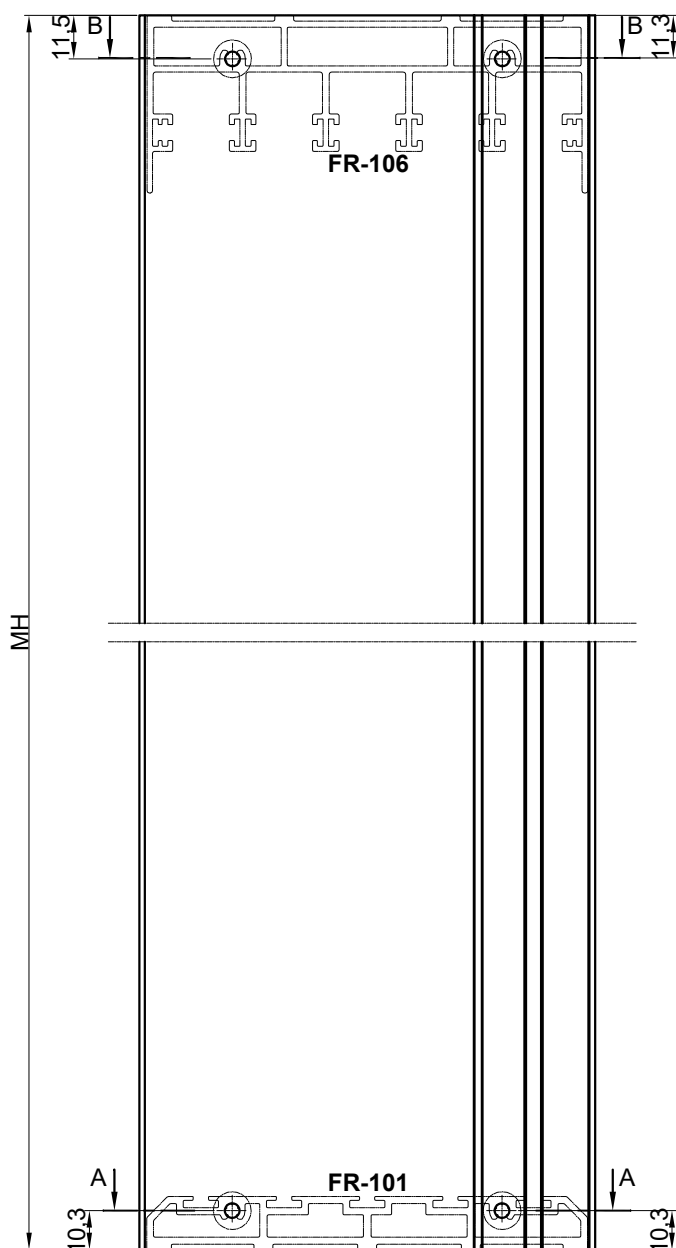
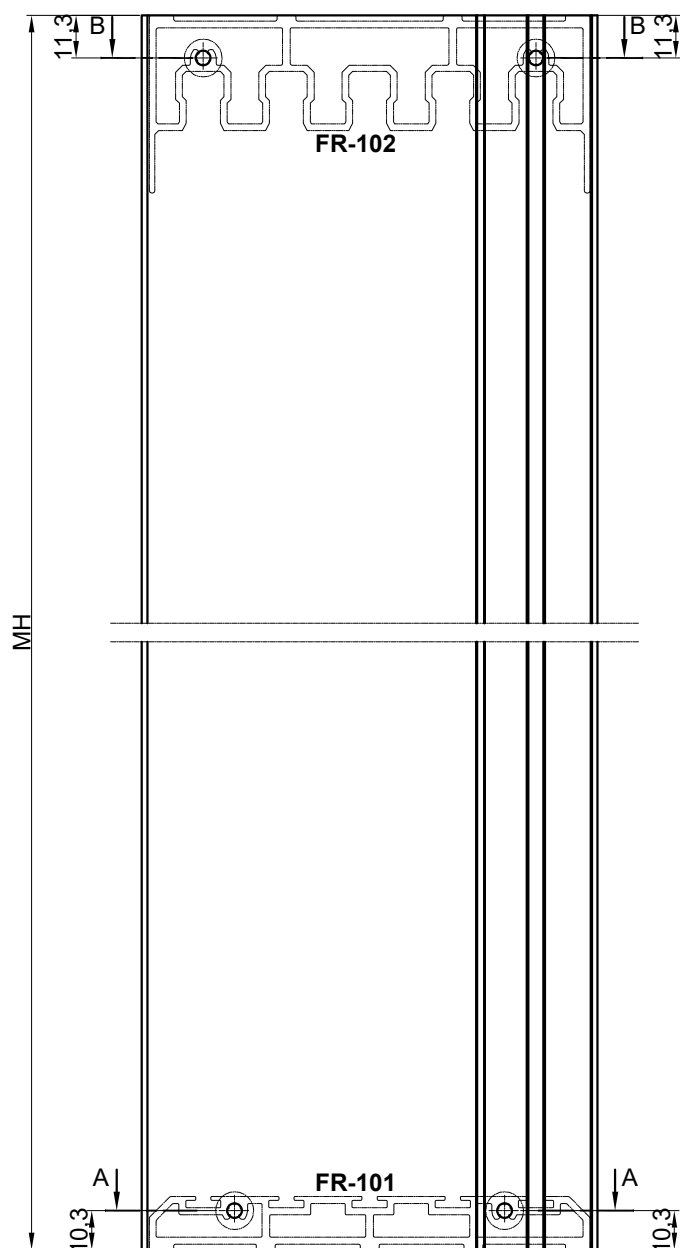


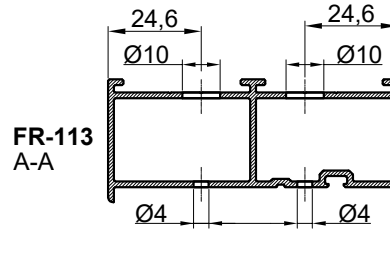
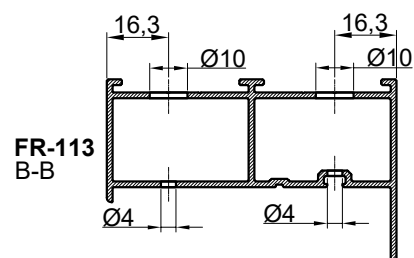
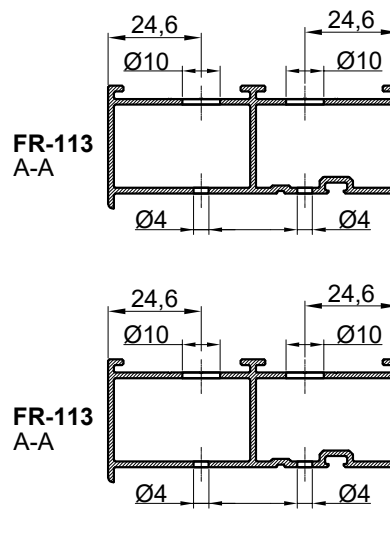
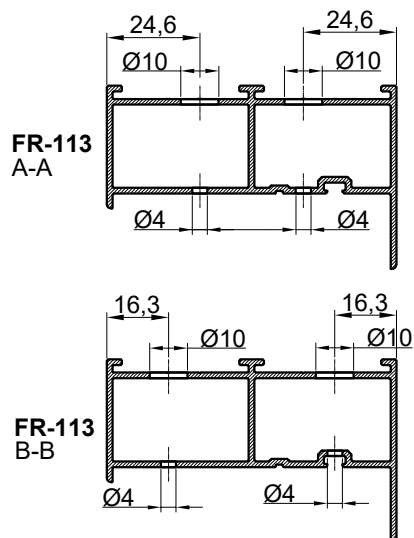
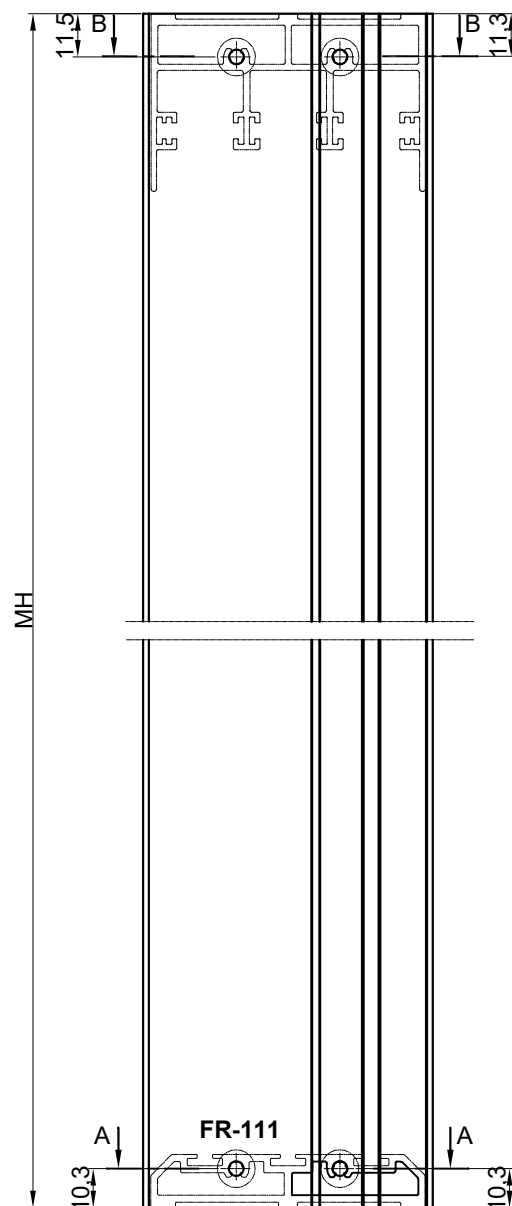
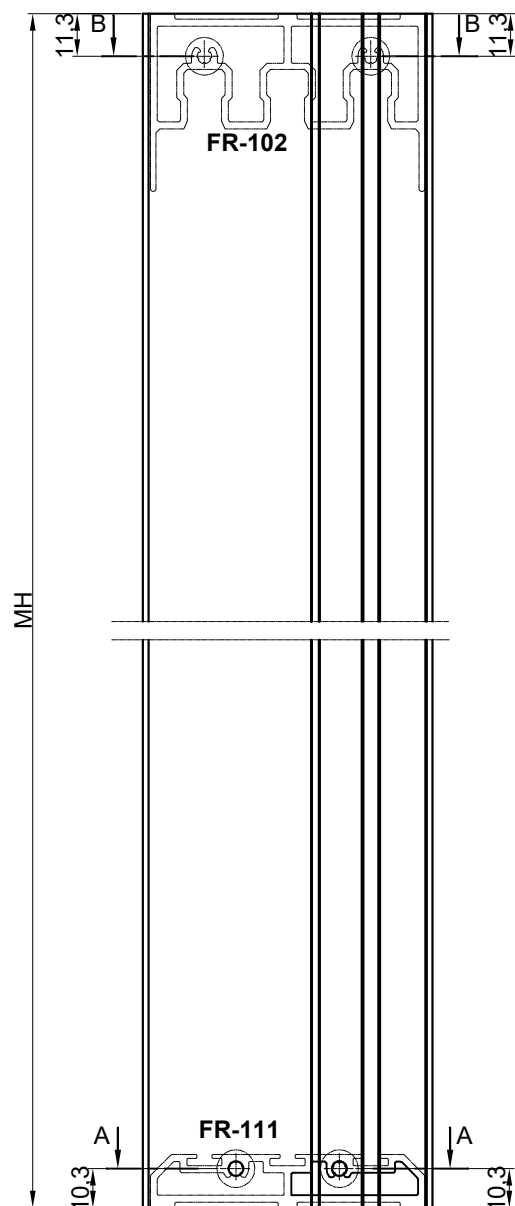
- pilanje donjeg horizontalnog rama (praga) FR-101 i spoj sa vertikalnim ramom FR-100
- cutting the lower horizontal frame (treshold) FR-101 and connecting to the vertical frame FR-100

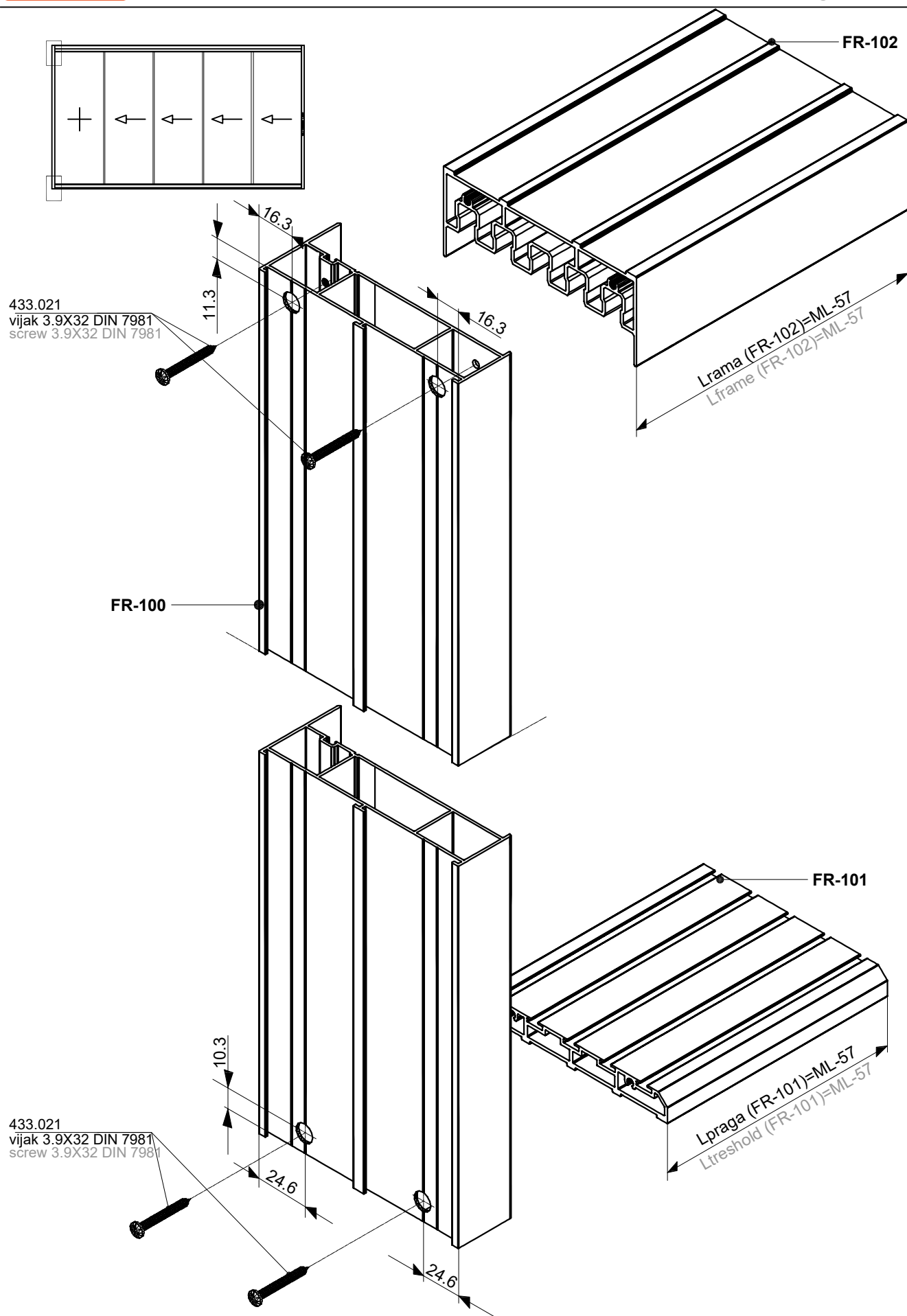


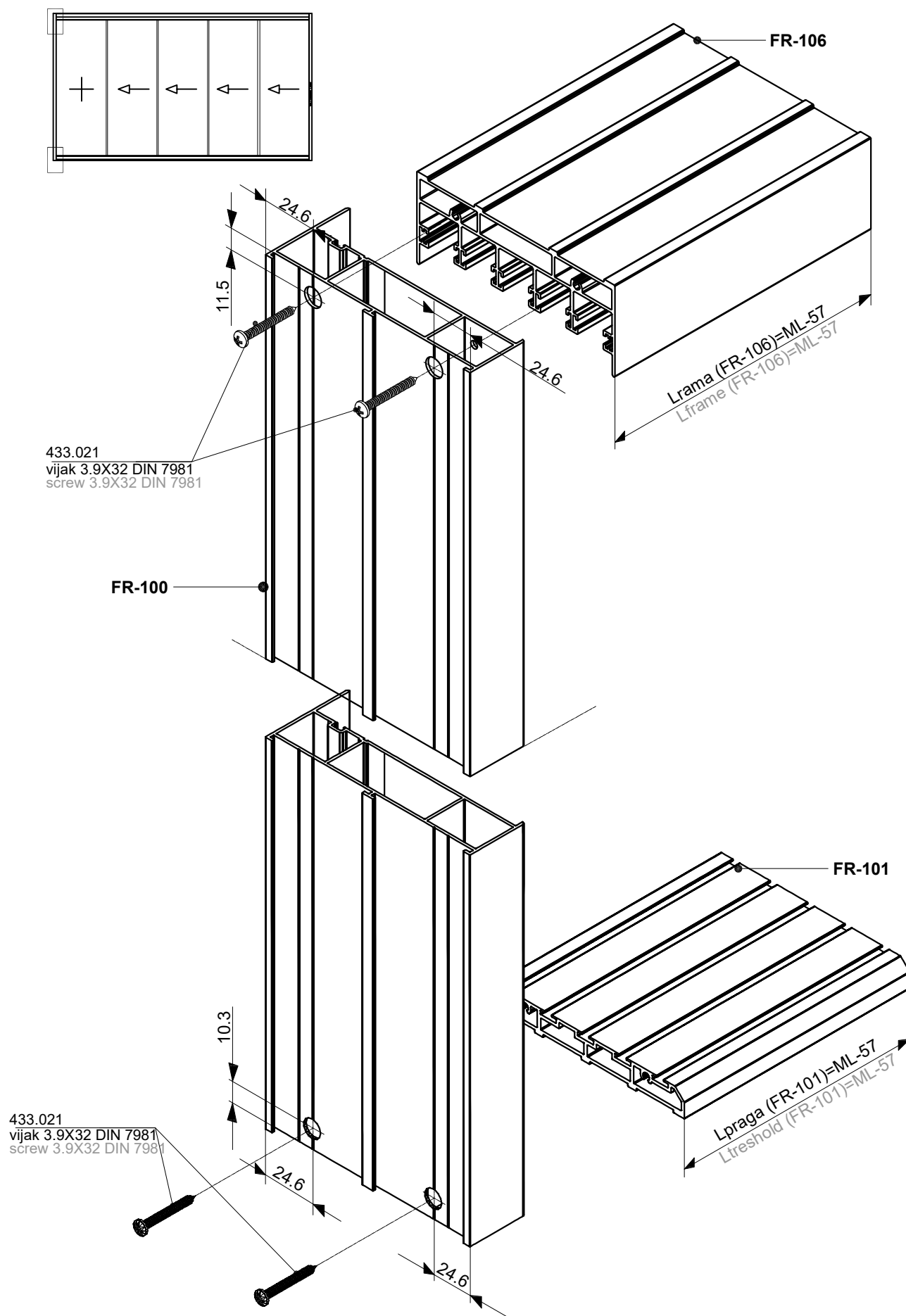
- pilanje gornjeg horizontalnog rama FR-111 i spoj sa vertikalnim ramom FR-113
- cutting the upper horizontal frame FR-111 and connecting to the vertical frame FR-113

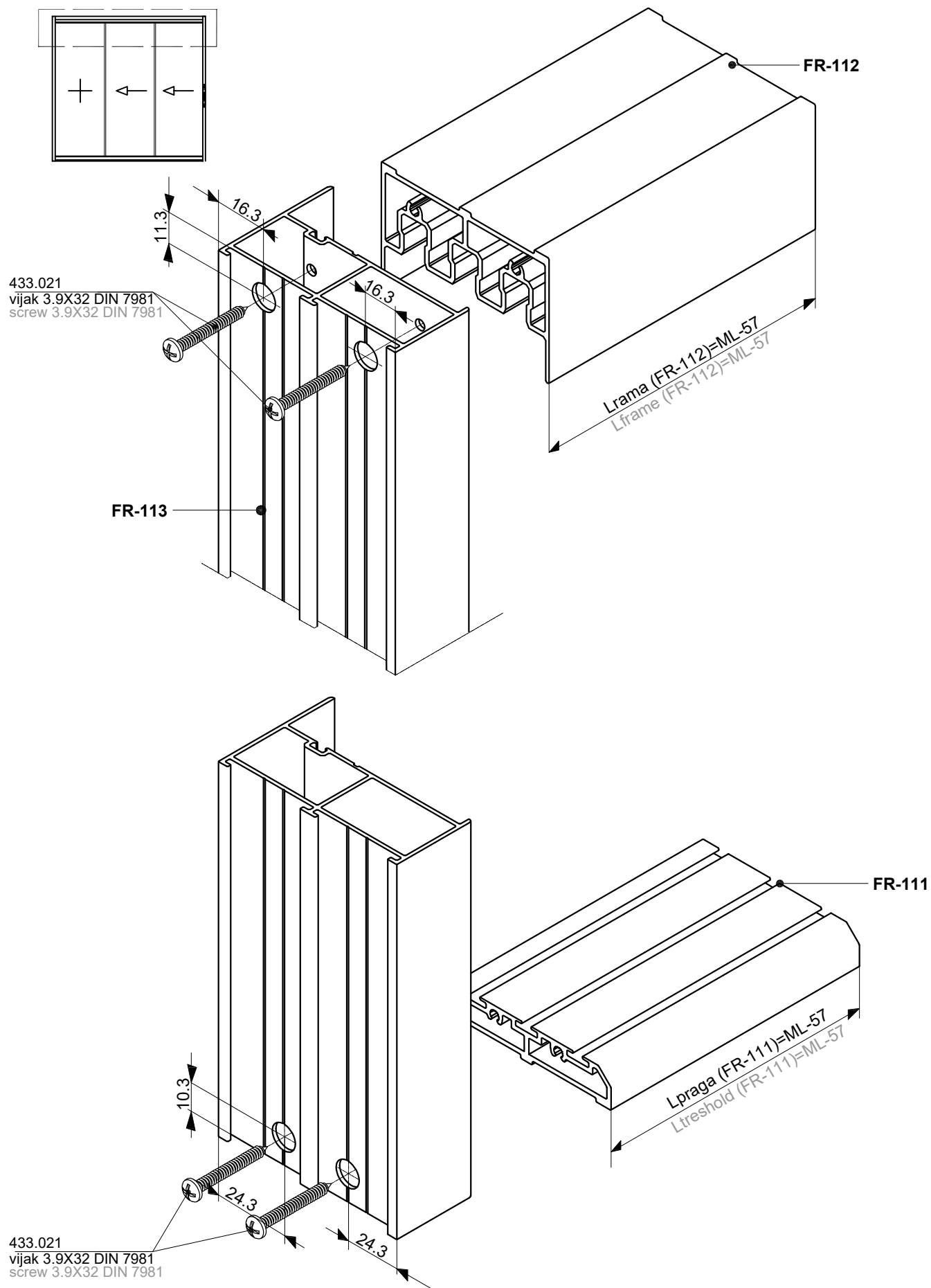


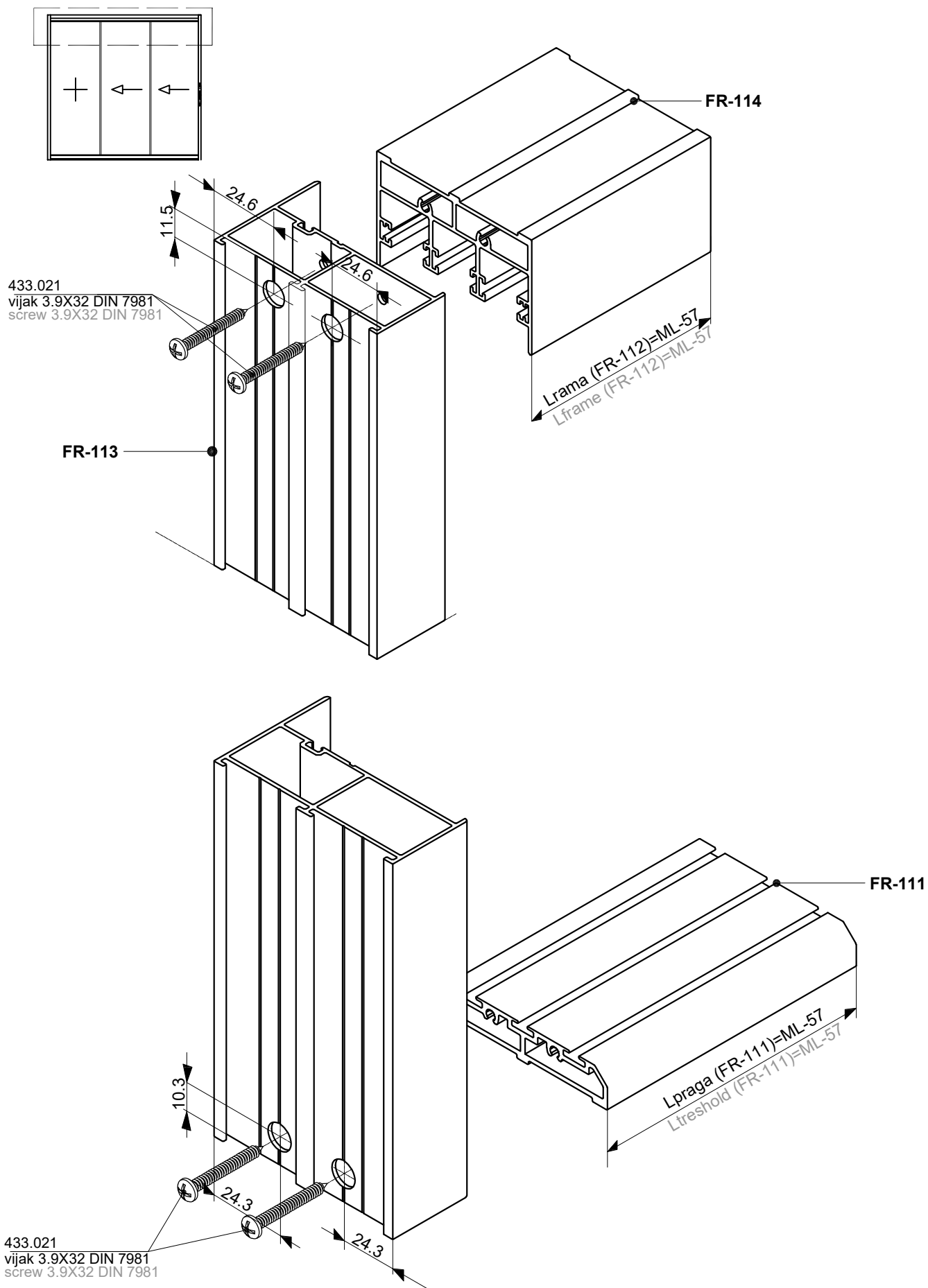


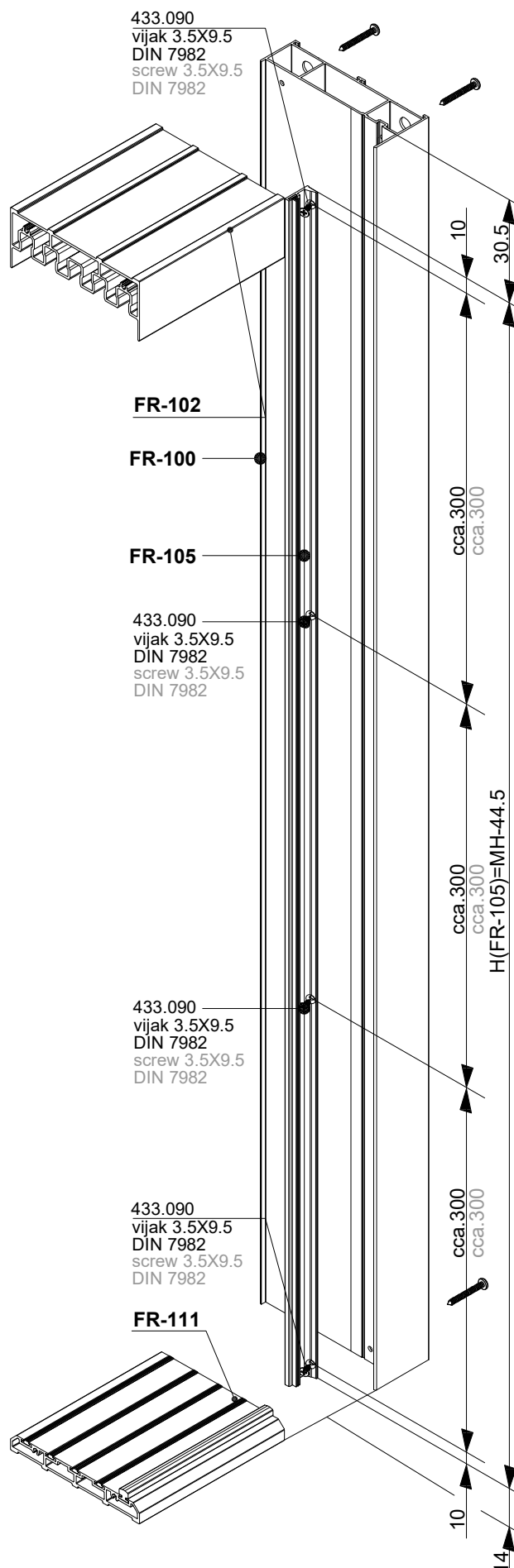
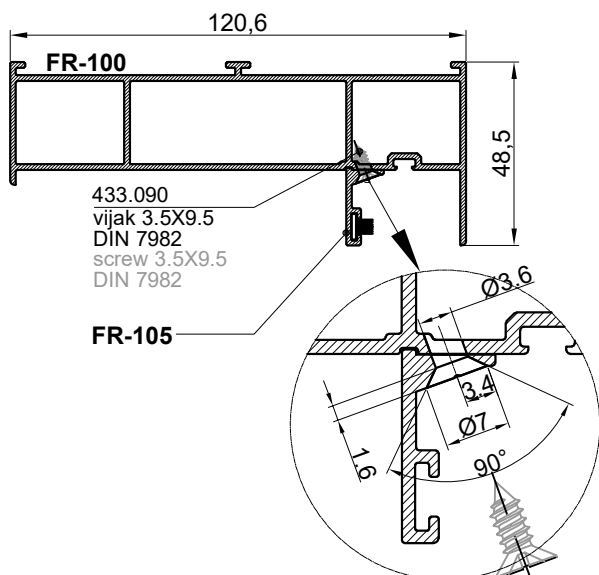
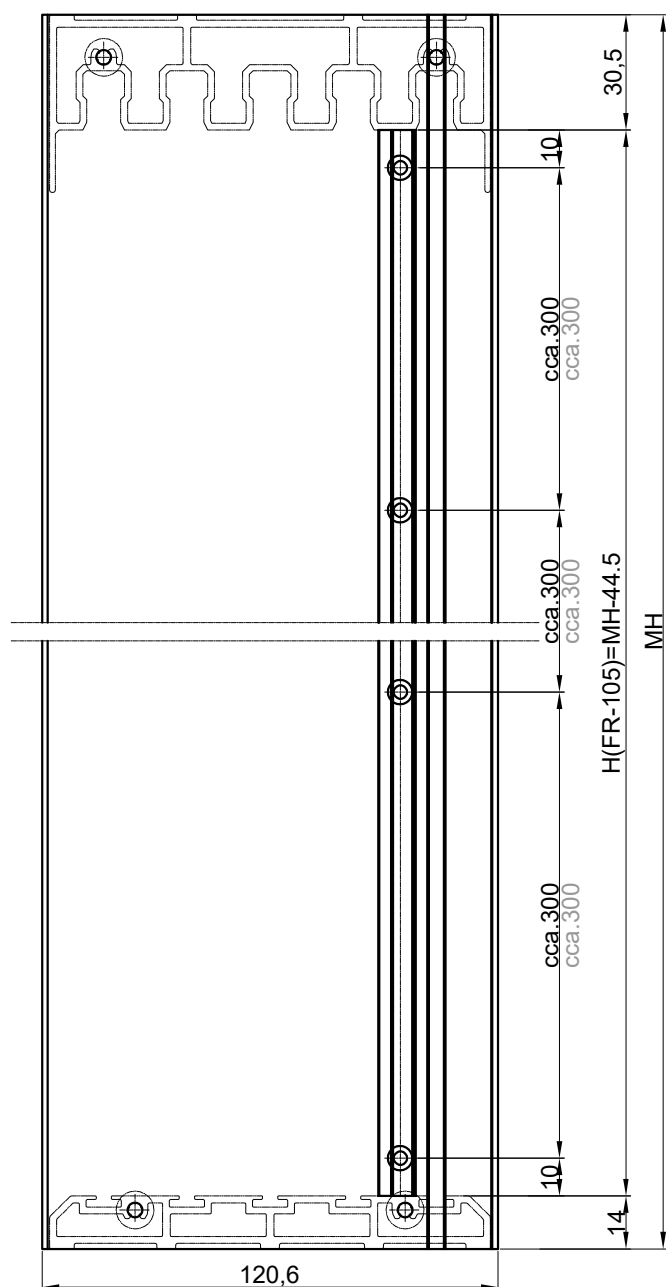


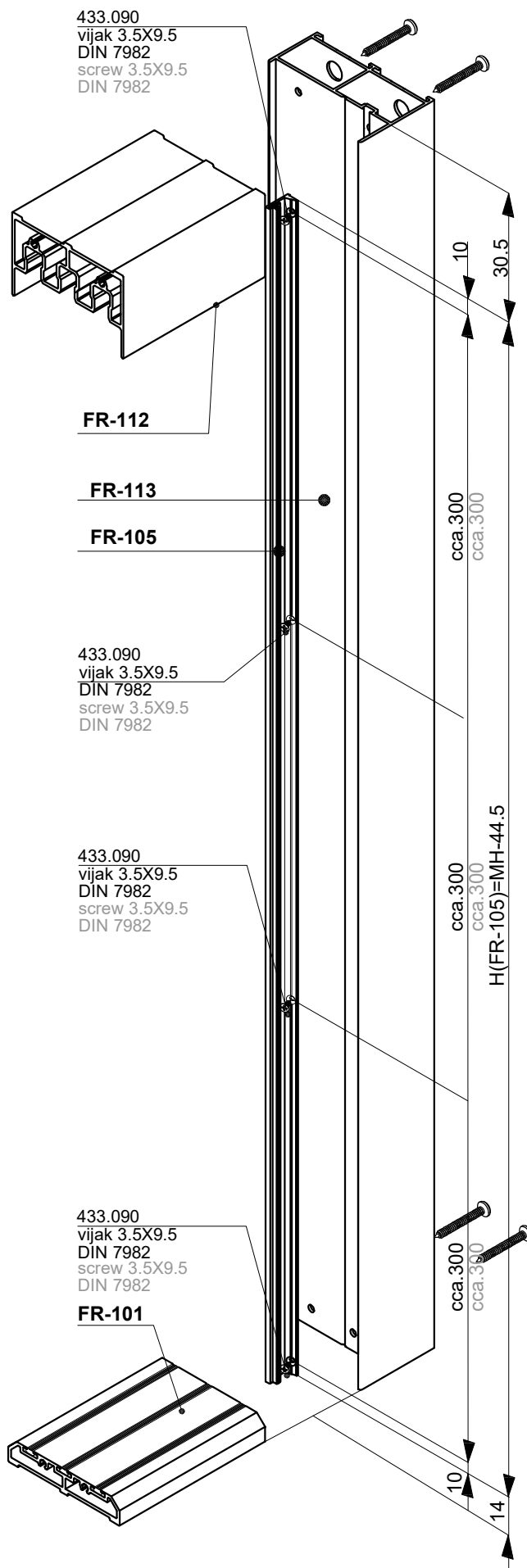
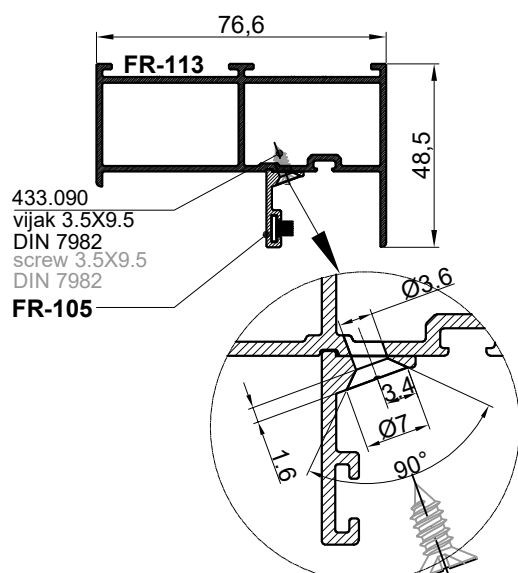
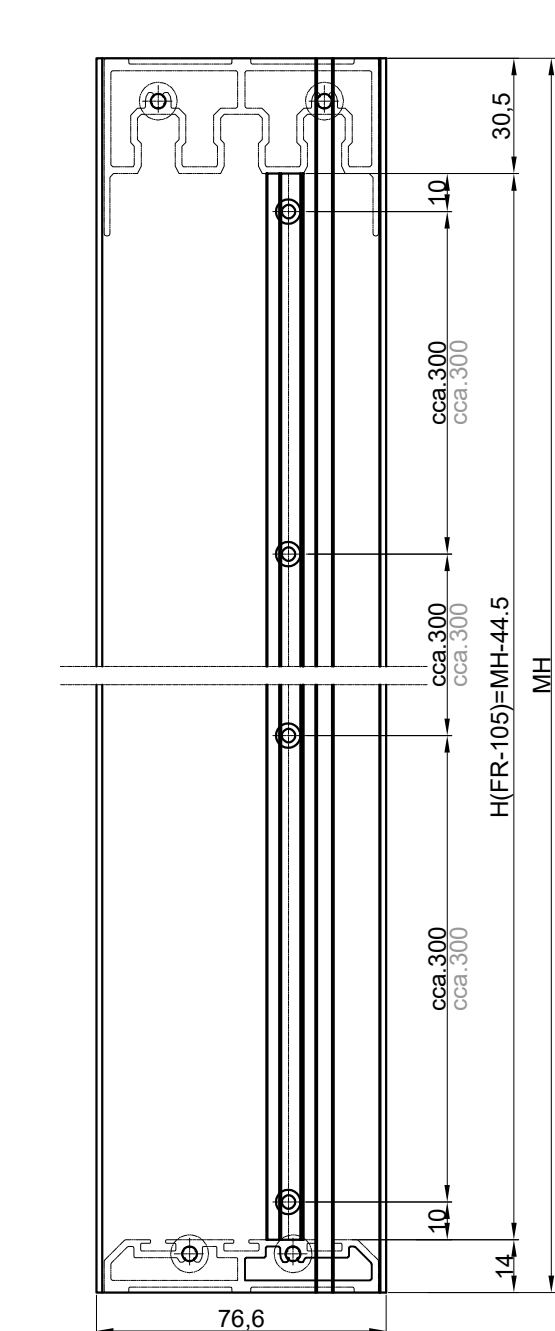


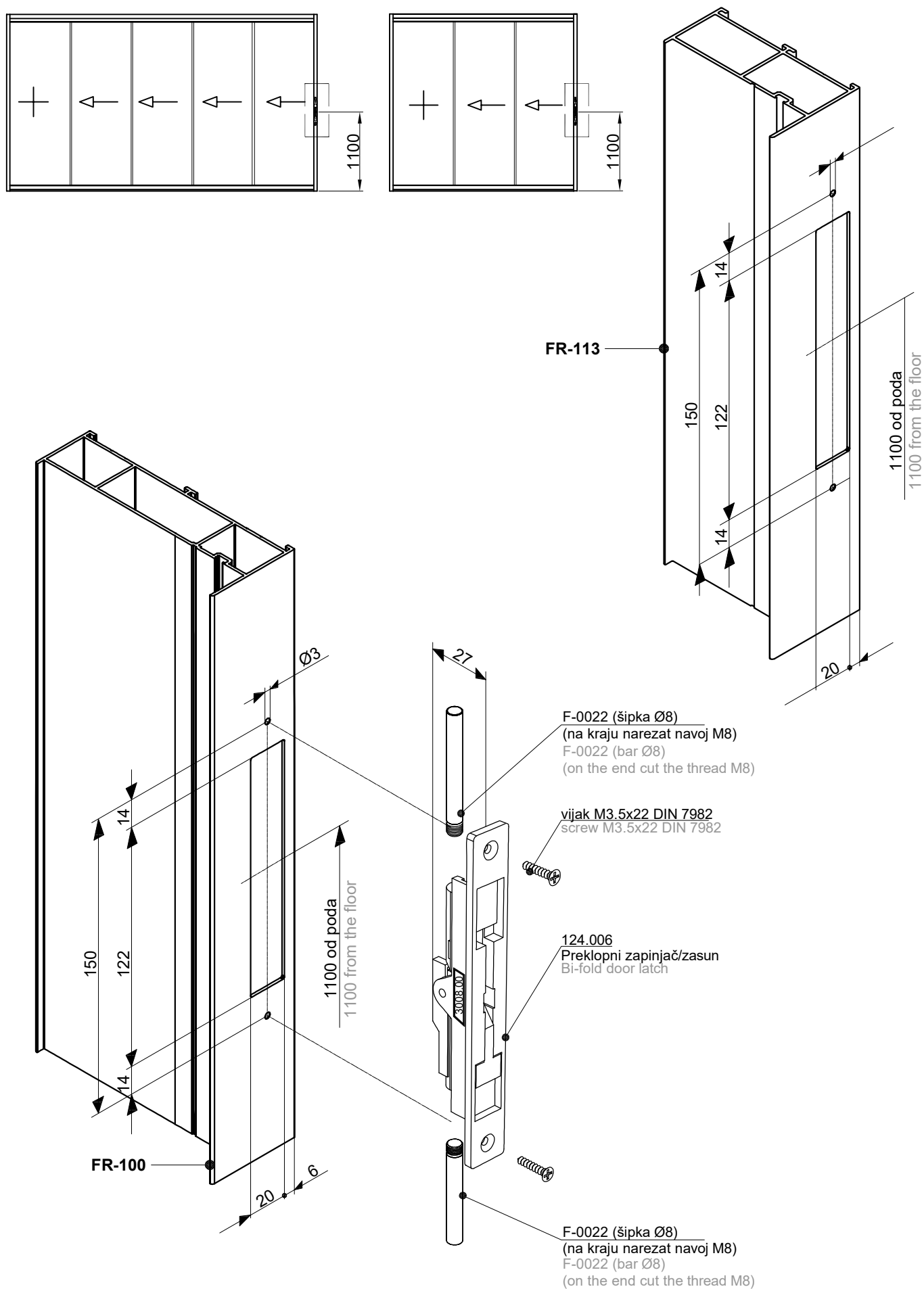


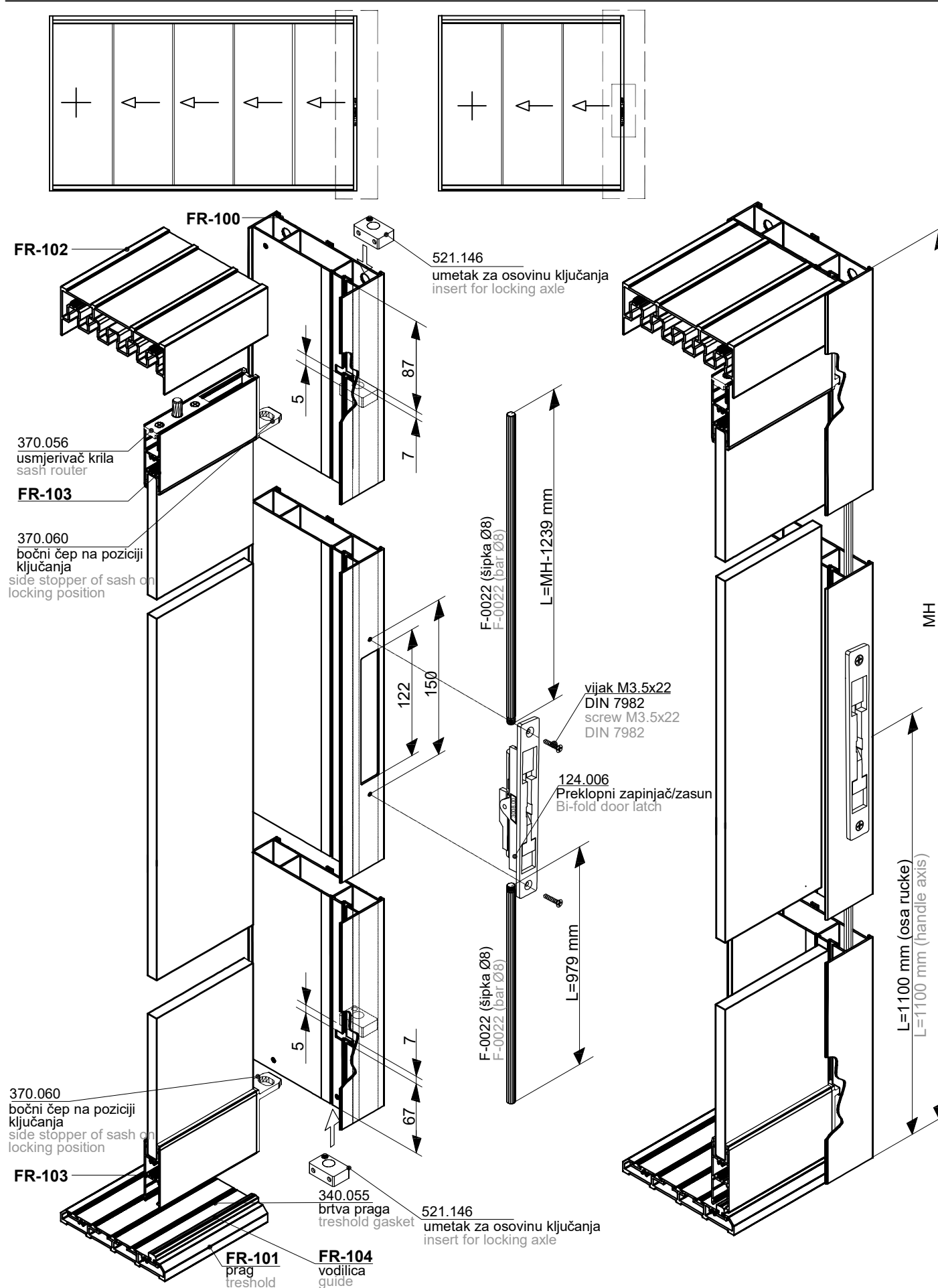


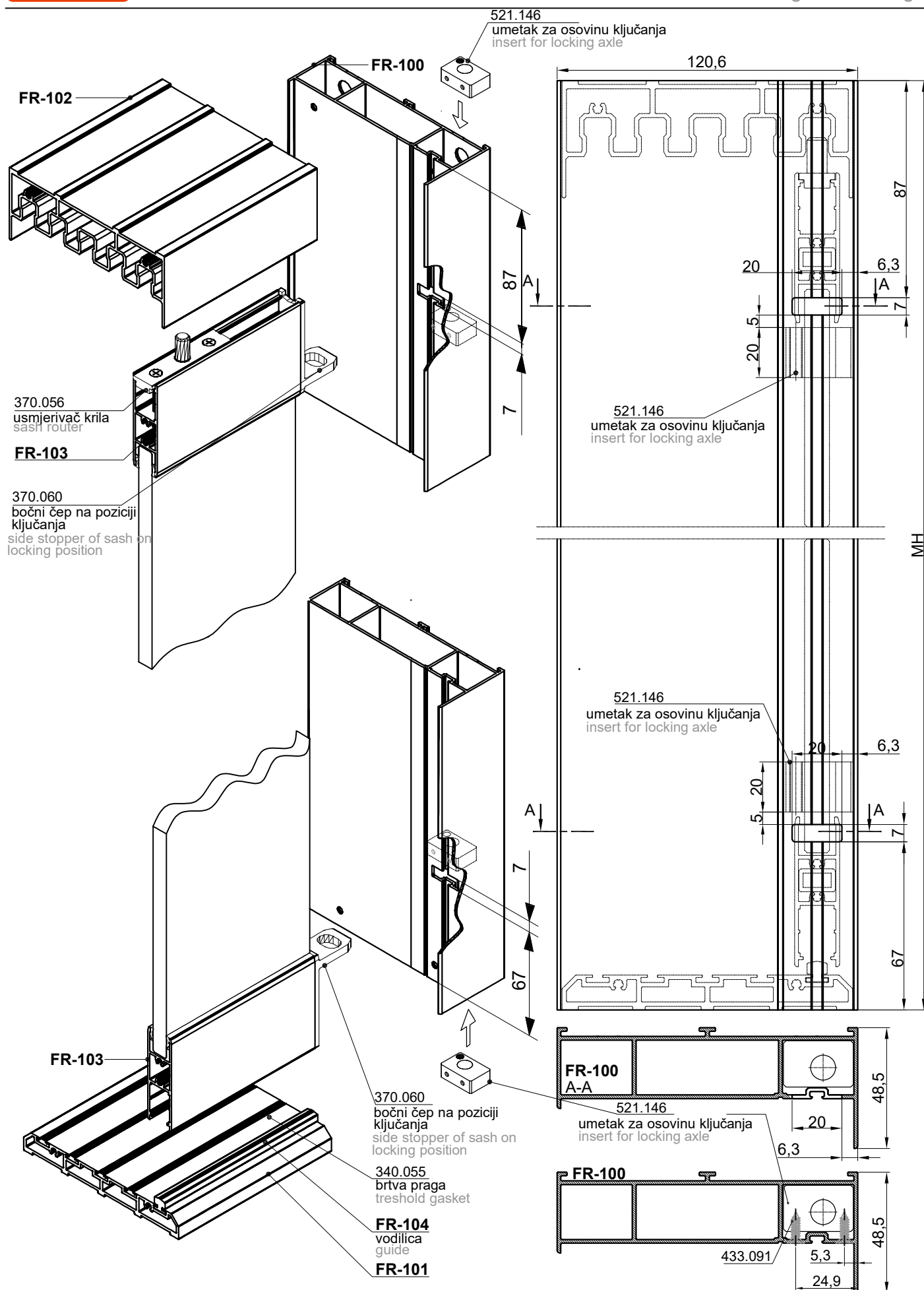


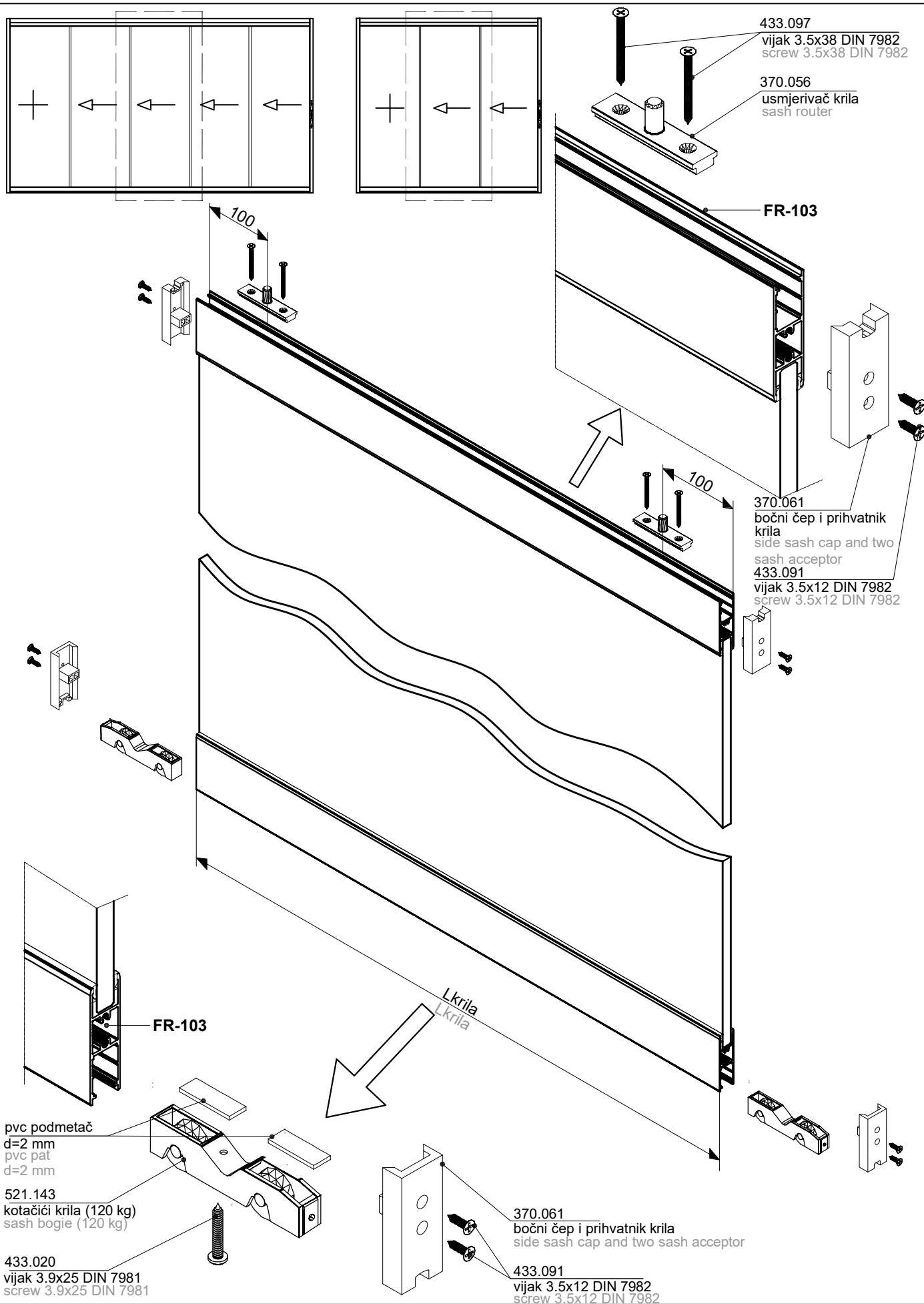


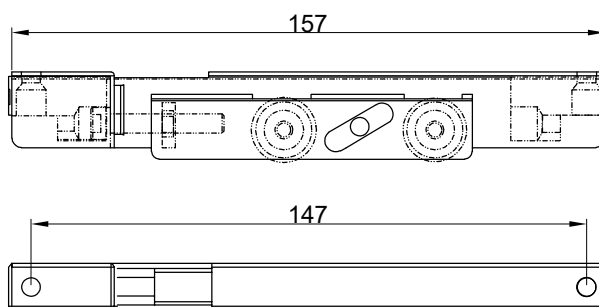
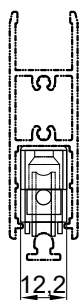
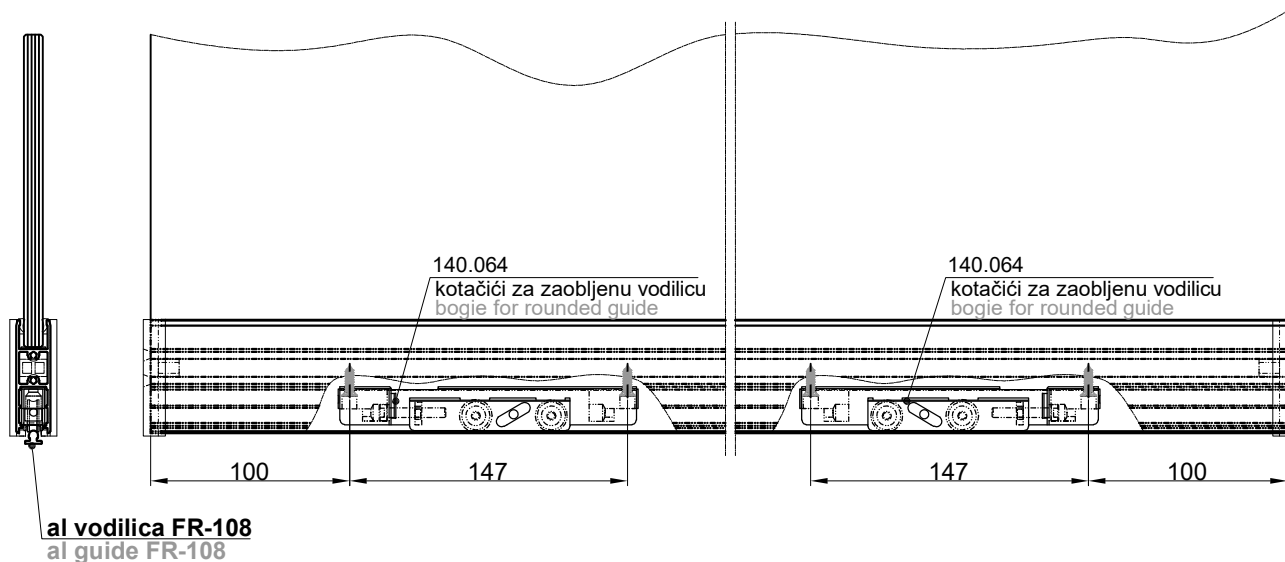
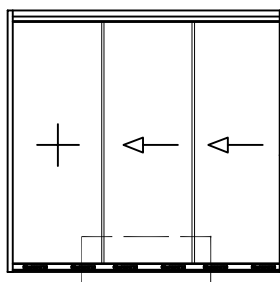
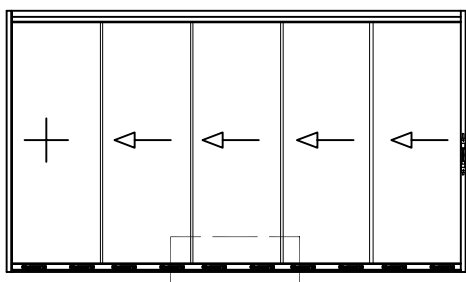










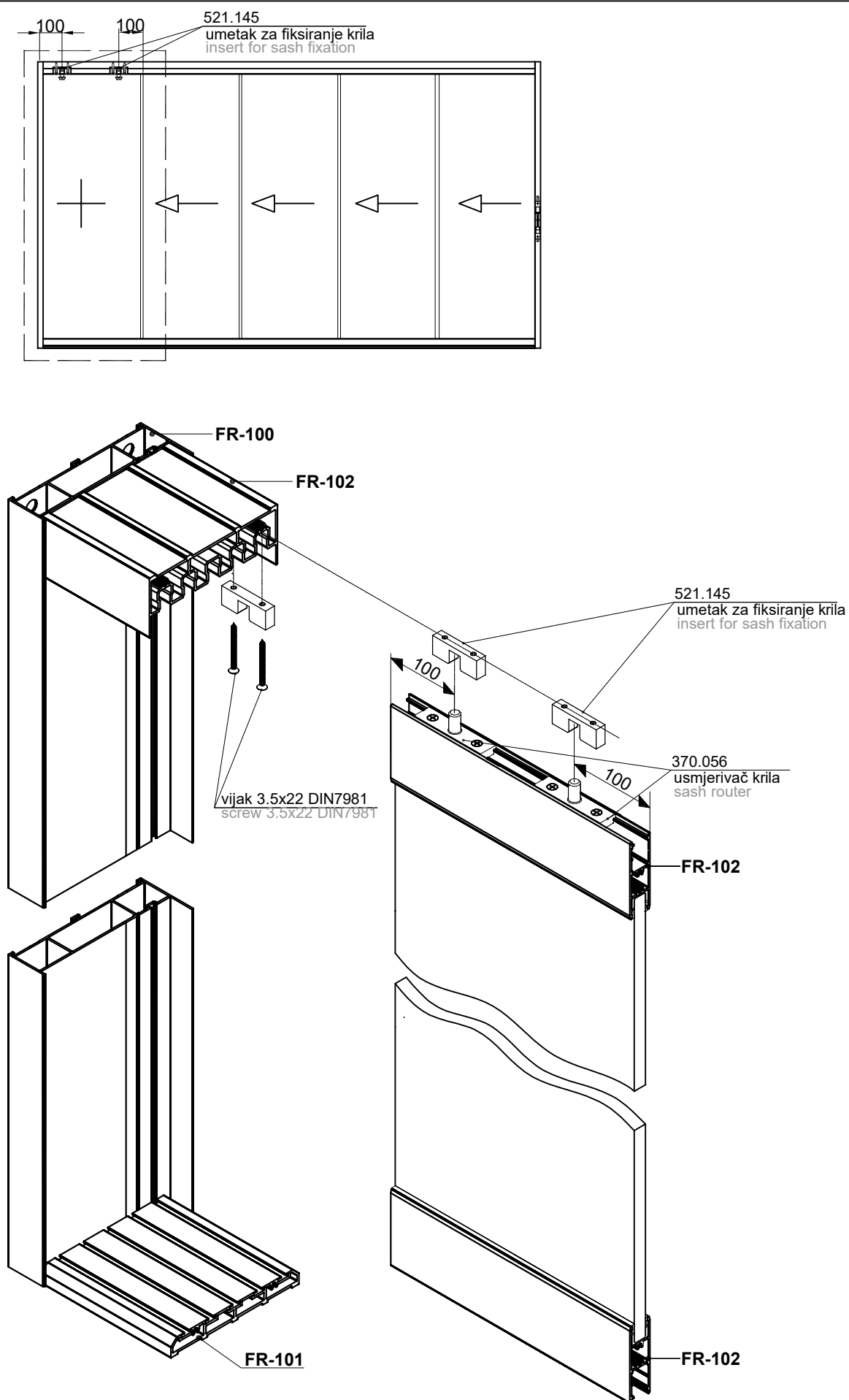


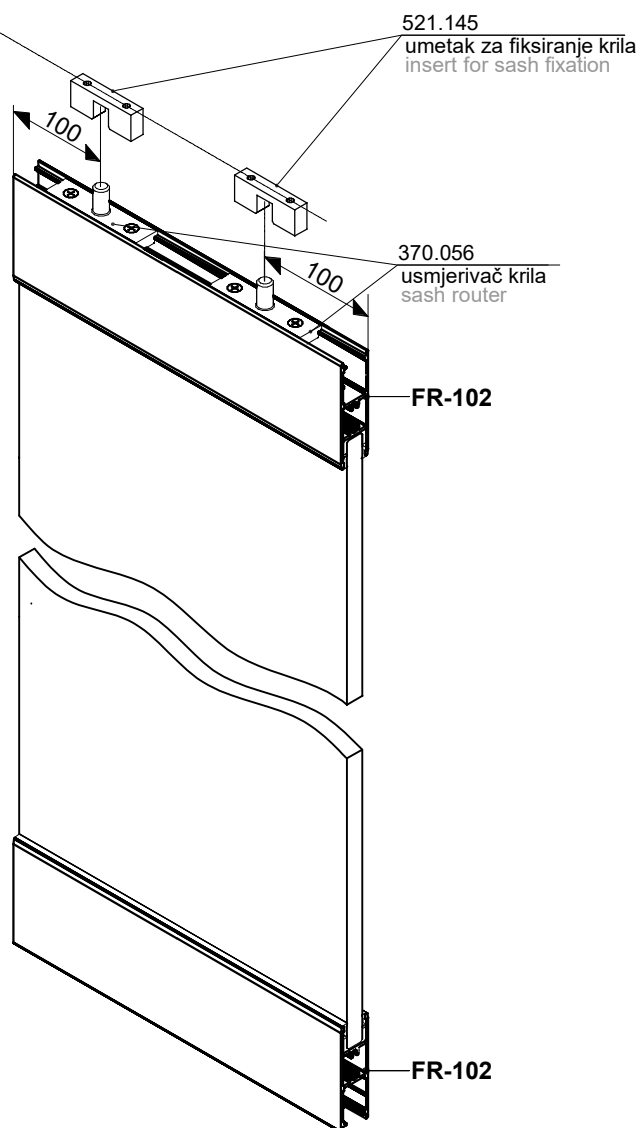
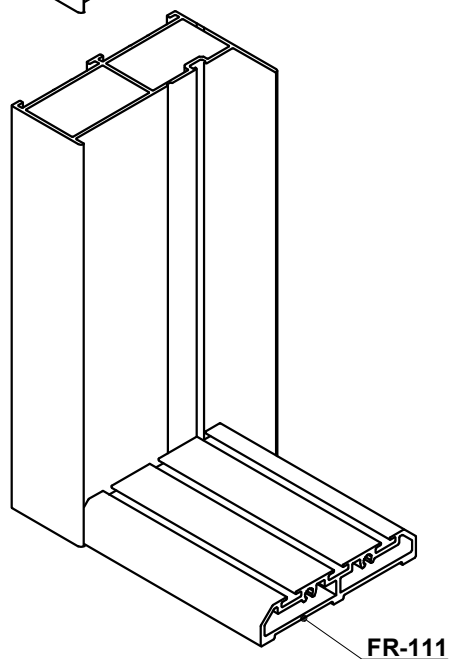
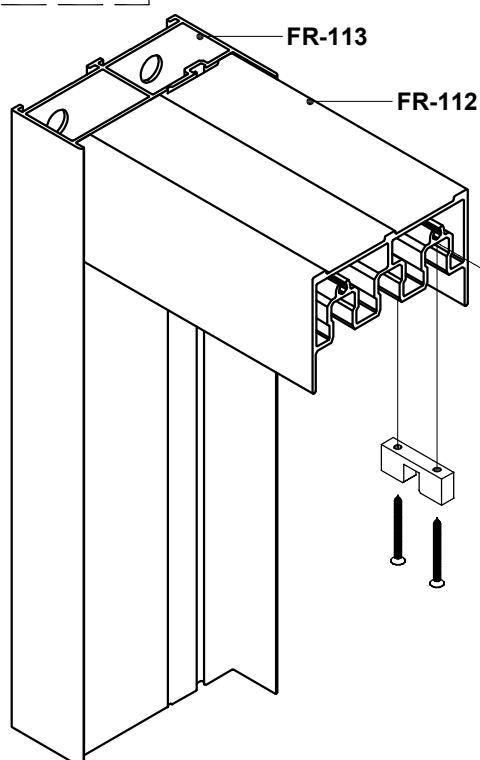
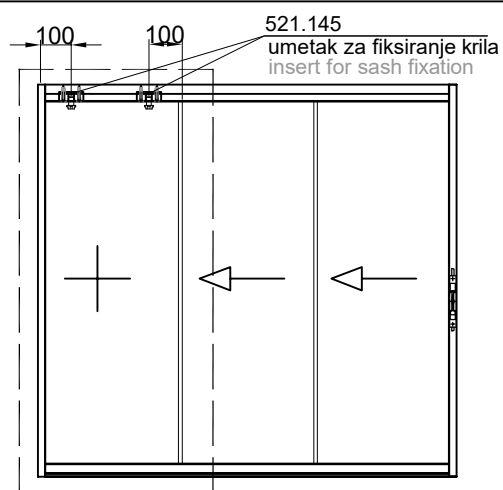
140.064
kotačići za zaobljenu vodilicu FR-108

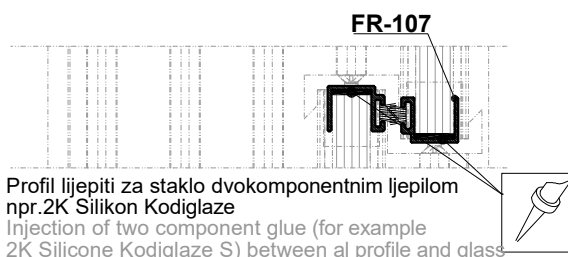
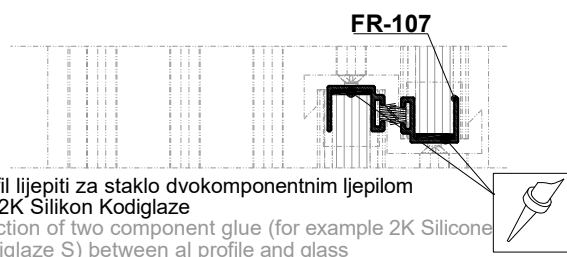
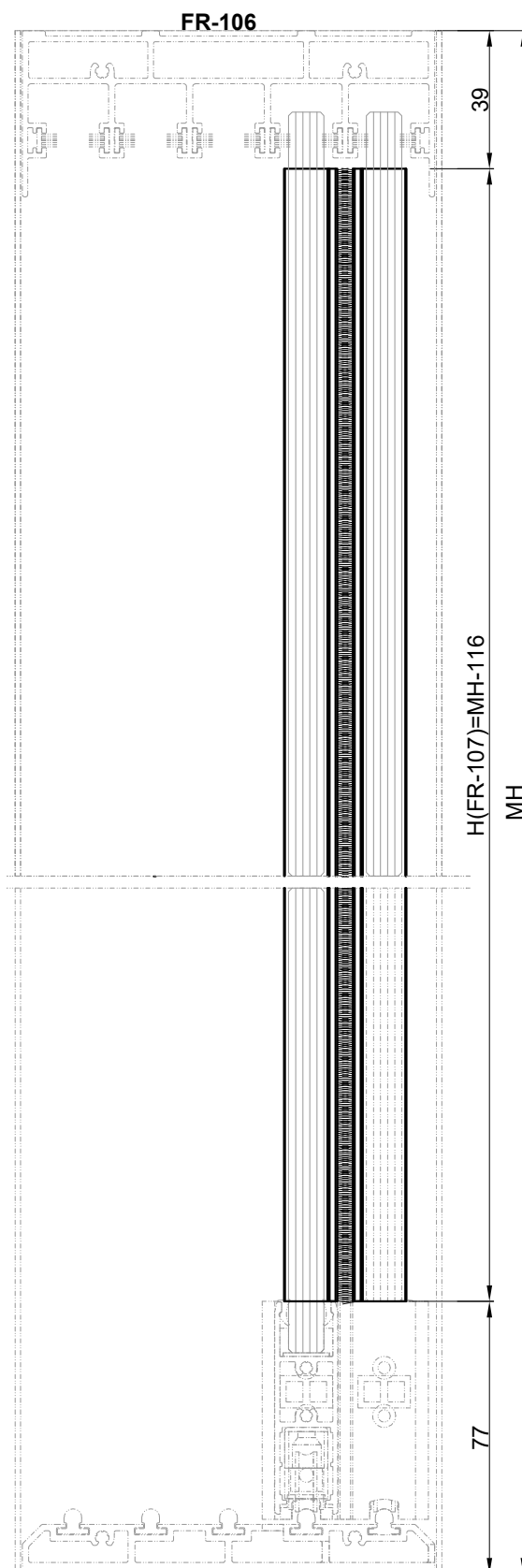
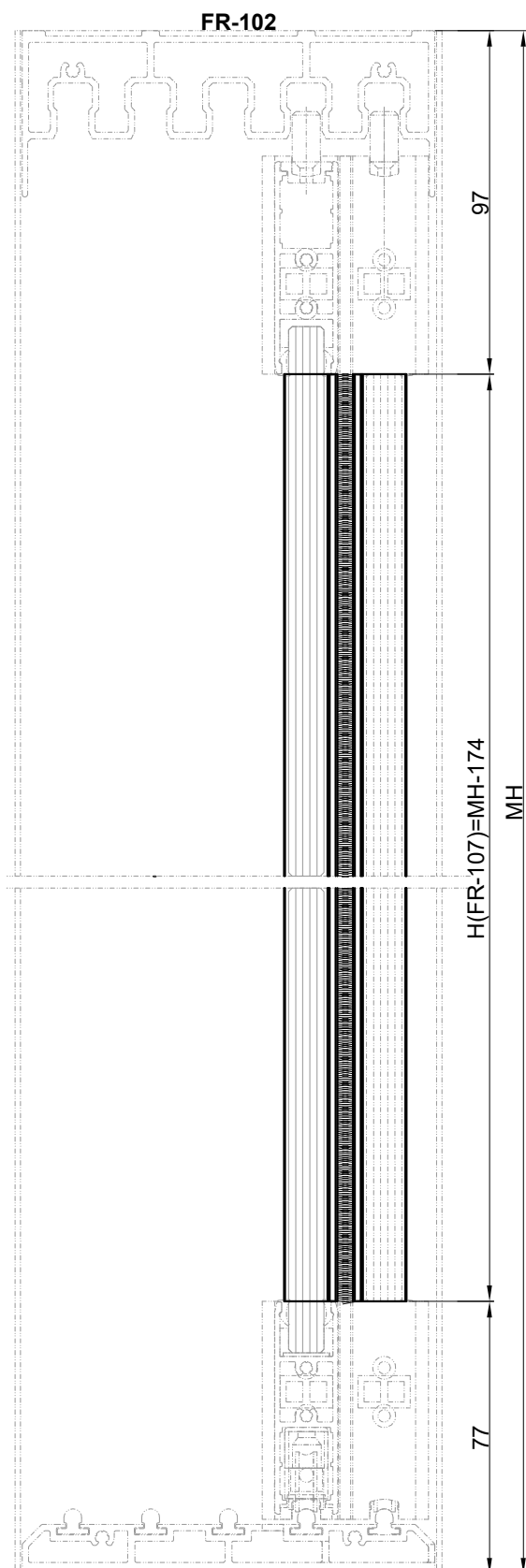
- max. težina krila 120 kg
- sa kugličnim ležajevima
- visina podešavanja od 19-26 mm
- srebrena boja, pocinčana površina sa dodatnom zaštitom od korozije
- DIN EN 13126/15, Klasa 5

140.064
bogie for rounded guide FR-108

- max. sash weight 120 kg
- with ball bearing
- adjustment height of 19-26 mm
- silver color, galvanized surface with additional corrosion protection
- DIN EN 13126/15, Class 5

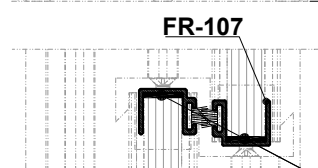
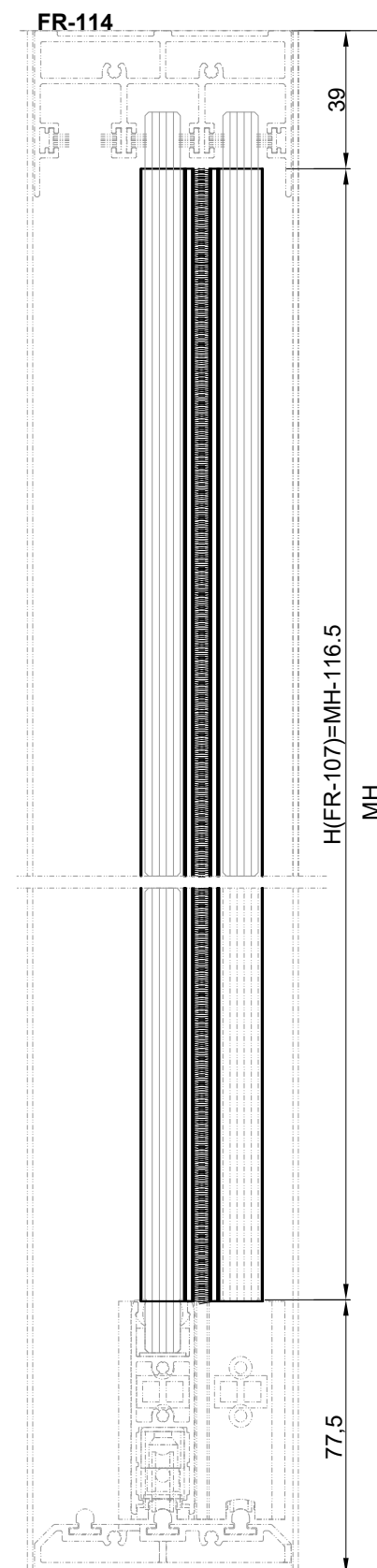
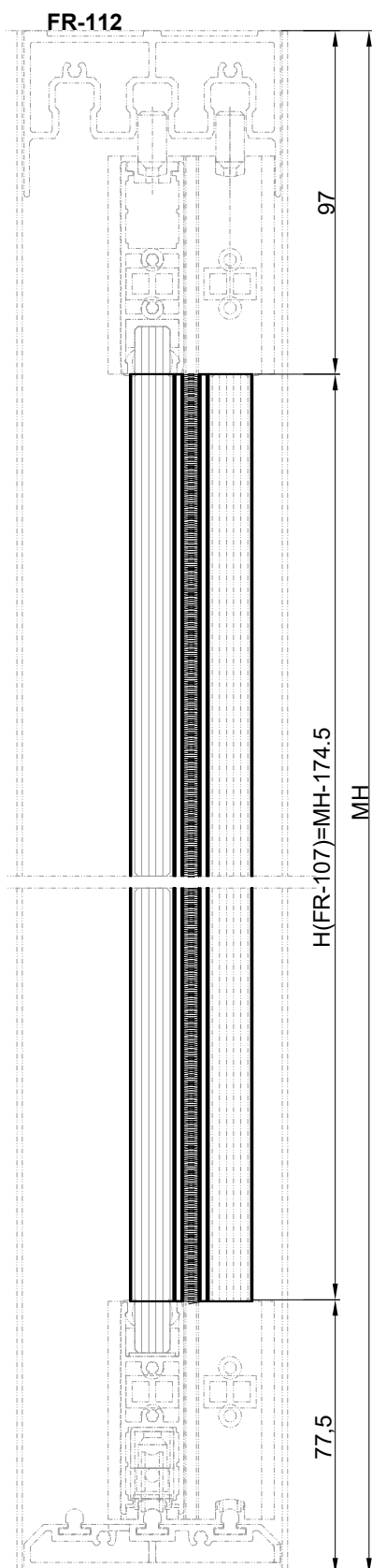




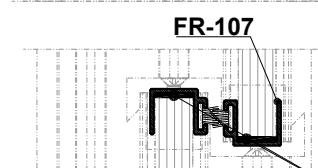


Profil lijepiti za staklo dvokomponentnim ljepilom
npr. 2K Silikon Kodiglaze
Injection of two component glue (for example 2K Silicone
Kodiglaze S) between al profile and glass

Profil lijepiti za staklo dvokomponentnim ljepilom
npr. 2K Silikon Kodiglaze
Injection of two component glue (for example
2K Silicone Kodiglaze S) between al profile and glass



Profil lijepiti za staklo dvokomponentnim ljepilom
npr. 2K Silikon Kodiglaze
Injection of two component glue (for example 2K Silicone
Kodiglaze S) between al profile and glass

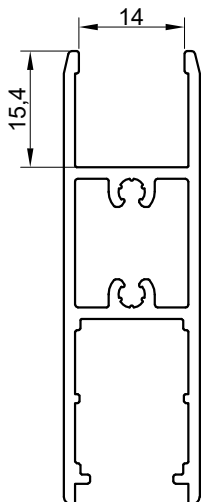


Profil lijepiti za staklo dvokomponentnim ljepilom
npr. 2K Silikon Kodiglaze
Injection of two component glue (for example
2K Silicone Kodiglaze S) between al profile and glass

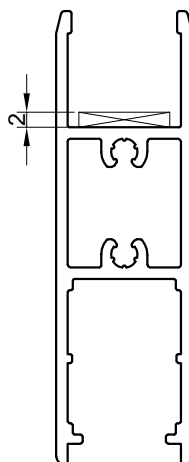


- 1) aluminijski profil krila
 - priprema površine za eloxirane profile npr. Kodiglaze WashCleaner-om
 - priprema površine za bojene profile prvo čišćenje sa čistačem npr. Korasolv WL i obrada Kodiglaze WashCleaner-om

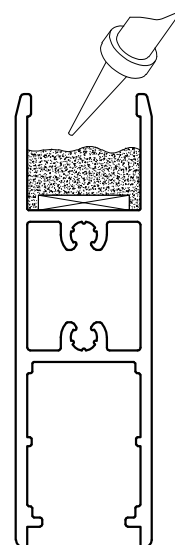
- 1) aluminium sash profile
 - surface preparation for anodized profiles e.g. Kodiglaze WashCleaner-om
 - surface preparation for painting the profiles with cleaner e.g. Korasolv WL and processing Kodiglaze WashCleaner-om



- 2) ljepljenja pvc podmetača
 (2 kom po krilu)
 2) gluing the pvc pad
 (2 pcs by sash)

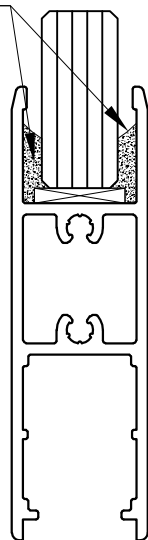


- 3) ubrizgavanje dvokomponentnog ljepliva npr. (2K Silikon Kodiglaze S)
 3) injection of two-component glue for example (2K Silikon Kodiglaze S)

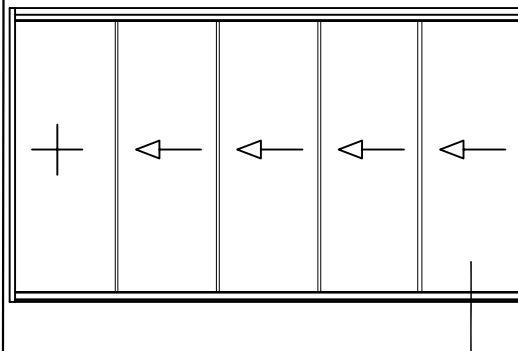
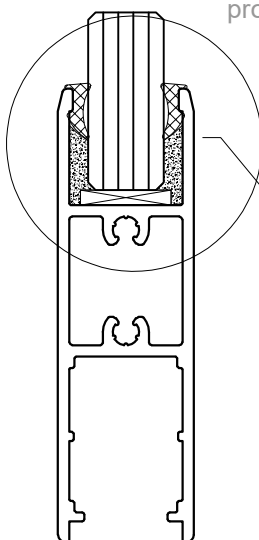


- 4) ubacivanje stakla u krilo
 4) insertion the glass in to the sash

odstranjivanje viška istisnutog ljepliva
 removing excess squeezed glue



- 5) ugradnja brtve i ostavljanje da se suši po zahtjevu proizvođača ljepliva
 5) gasket installation and leaving it to dry on recommendation from glue producer

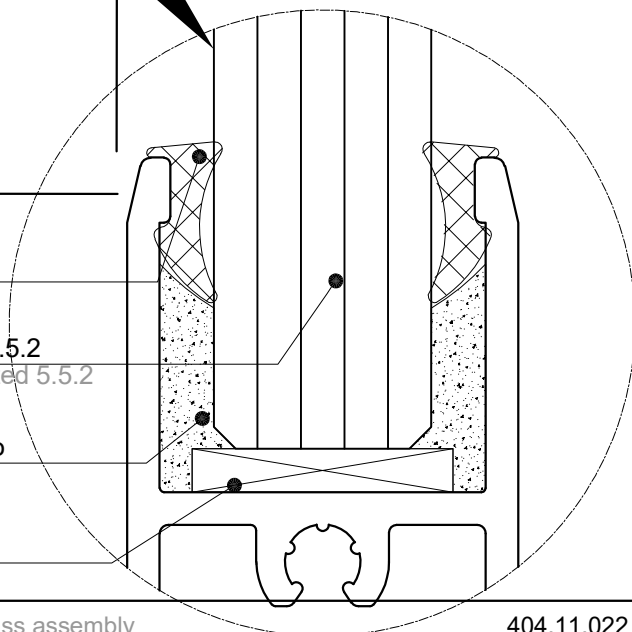


brtva
 gasket

staklo-kaljeni lamistal 5.5.2
 glass-tempered laminated 5.5.2

dvokomponentno ljeplivo
 two-component glue

pvc podmetač
 pvc pad

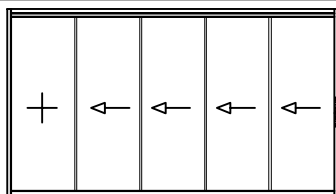




Rezna lista

Cutting list





Vodilica FR-104 za kotačiće 521.143
Guide FR-104 for bogies 521.143

naziv name				mjera measure	kom. pcs.	pilanje cutting
Profili	<u>Profiles</u>					
FR-100	ram	frame		MH	2	90-90
FR-101	ram	frame		ML-57	1	90-90
FR-102	ram	frame		ML-57	1	90-90
FR-103	krilo	sash		Lkr=ML/5-3	10	90-90
FR-104	vodilica	guide		Lvod1=ML-4Lkr+7	1	90-90
FR-104	vodilica	guide		Lvod2=ML-3Lkr-6	1	90-90
FR-104	vodilica	guide		Lvod3=ML-2Lkr-19	1	90-90
FR-104	vodilica	guide		Lvod4=ML-Lkr-32	1	90-90
FR-104	vodilica	guide		Lvod5=ML-57	1	90-90
FR-105	umetak	insert		MH-44.5	1	90-90
FR-107	umetak	insert		MH-174	8	90-90
F-0022	osovina	axle		L=979 mm	1	90-90
F-0022	osovina	axle		L=MH-1239	1	90-90

Čepovi i umetci Caps and inserts

370.056 usmjerivač krila	sash router	10
370.058 čep vodilice praga	threshold guide cap	4
370.061 bočni čep krila i prihvatnik dva krila	side sash cap and two sash acceptor	18
370.060 bočni čep krila na poziciji ključanja	side stopper of sash on locking position	2
521.145 umetak za fiksno krilo	insert for fixed sash	2

Okovi Hardware

521.143 kotačići Giesse (120 kg)	Bogies Giesse (120 kg)	10
124.006 Preklopni zapinjač-zasun /Stublina/	Bi-fold door latch /Stublina/	1
521.146 umetak za osovinu ključanja	insert for locking axle	2

Brtve Gasket

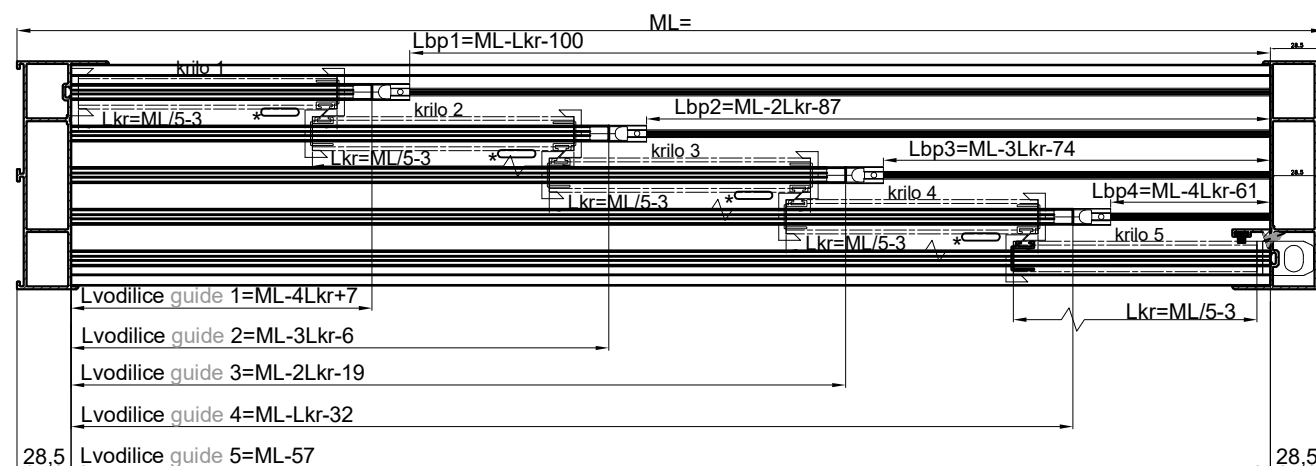
340.053 brtva u vert. pojasu rama	gasket in vert. frame zone	MH-29	2	90-90
340.054 brtva prema staklu krila	gasket to the sash glass	Lkr	20	90-90
340.055 brtva praga	threshold gasket	Lbp1=ML-Lkr-100	1	90-90
340.055 brtva praga	threshold gasket	Lbp2=ML-2Lkr-87	1	90-90
340.055 brtva praga	threshold gasket	Lbp3=ML-3Lkr-74	1	90-90
340.055 brtva praga	threshold gasket	Lbp4=ML-4Lkr-61	1	90-90
347.004 četkasta brtva	brush gasket	MH-44.5	1	90-90
347.004 četkasta brtva	brush gasket	MH-174	8	90-90

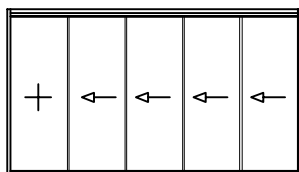
Staklo Glass

Dimenzije stakla (kaljeni lamistal 5.5.2)	LstxHst=Lkrx(Hkr-93)	5
Glass dimension (tamped laminated 5.5.2)	LglxHgl=Lshx(Hsh-93)	5

NAPOMENE: REMARK:

MH-visina rama MH-frame height	Lvd-duljina vodilice Lgui-guide length	Lst-širina stakla Lst-sash width	* žljeb 30x6 za odvod vode u prag * groove 30x6 for drainage into treshold
ML-širina rama ML-frame height	Lbp -duljina brtve praga Ltg -treshold gasket length	Hst-visina stakla Hgl-glass height	Lkr-širina krila Lkr-sash width





Vodilica FR-108 za kotačiće 140.064
(sa mogućnošću podešavanja visine)
Guide FR-108 for bogies 140.064
(with height adjustment)

naziv name	mjera measure	kom. pcs.	pilanje cutting
Profili Profiles			
FR-100 ram	frame	MH	2 90-90
FR-101 ram	frame	ML-57	1 90-90
FR-102 ram	frame	ML-57	1 90-90
FR-103 krilo	sash	Lkr=ML/5-3	10 90-90
FR-108 vodilica	guide	Lvod1=ML-4Lkr+7	1 90-90
FR-108 vodilica	guide	Lvod2=ML-3Lkr-6	1 90-90
FR-108 vodilica	guide	Lvod3=ML-2Lkr-19	1 90-90
FR-108 vodilica	guide	Lvod4=ML-Lkr-32	1 90-90
FR-108 vodilica	guide	Lvod5=ML-57	1 90-90
FR-105 umetak	insert	MH-44.5	1 90-90
FR-107 umetak	insert	MH-174	8 90-90
F-0022 osovina	axle	L=979 mm	1 90-90
F-0022 osovina	axle	L=MH-1239	1 90-90

Čepovi i umetci Caps and inserts

370.056 usmjerivač krila	sash router	10
370.058 čep vodilice praga	threshold guide cap	4
370.061 bočni čep krila i prihvatnik dva krila	side sash cap and two sash acceptor	18
370.060 bočni čep krila na poziciji ključanja	side stopper of sash on locking position	2
521.145 umetak za fiksno krilo	insert for fixed sash	2

Okovi Hardware

140.064 kotačići Roto(120 kg)	Bogies Giesse (120 kg)	10
124.006 Preklopni zapinjač-zasun /Stublina/	Bi-fold door latch /Stublina/	1
521.146 umetak za osovinu ključanja	insert for locking axle	2

Brtve Gasket

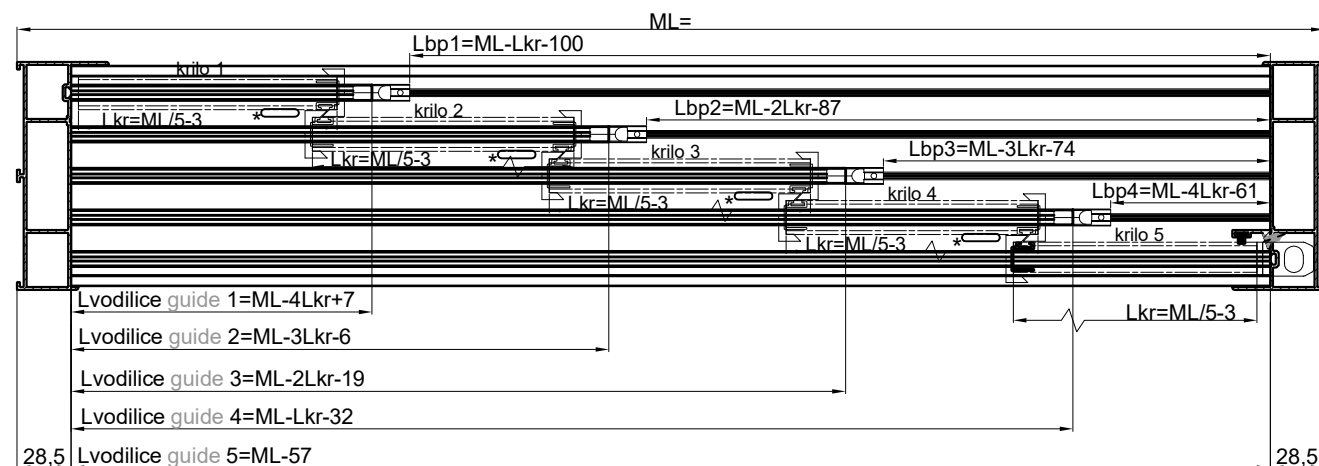
340.053 brtva u vertikalnom pojasu rama	gasket in vert. frame zone	MH-29	2 90-90
340.054 brtva prema staklu krila	gasket to the sash glass	Lkr	20 90-90
340.055 brtva praga	threshold gasket	Lbp1=ML-Lkr-100	1 90-90
340.055 brtva praga	threshold gasket	Lbp2=ML-2Lkr-87	1 90-90
340.055 brtva praga	threshold gasket	Lbp3=ML-3Lkr-74	1 90-90
340.055 brtva praga	threshold gasket	Lbp4=ML-4Lkr-61	1 90-90
347.004 četkasta brtva	brush gasket	MH-44.5	1 90-90
347.004 četkasta brtva	brush gasket	MH-174	8 90-90

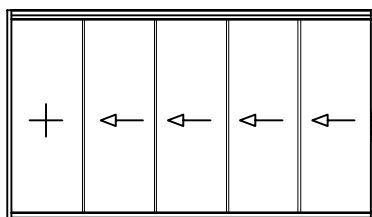
Staklo Glass

Dimenzije stakla (kaljeni lamistal 5.5.2)	LstxHst=Lkrx(Hkr-93)	5
Glass dimension (tamppered laminated 5.5.2)	LglxHgl=Lshx(Hsh-93)	5

NAPOMENE: REMARKS:

MH-visina rama	Lvod-duljina vodilice	Lst-širina stakla	* žlijeb 30x6 za odvod vode u prag
MH-frame height	Lgui-guide length	Lst-sash width	* groove 30x6 for drainage into threshold
ML-širina rama	Lbp -duljina brtve praga	Hst-visina stakla	
ML-frame height	Ltg -threshold gasket length	Hgl-glass height	
		Lkr-širina krila	
		Lkr-sash width	





Vodilica FR-104 za kotačiće 521.143
Guide FR-104 for bogies 521.143

naziv name	mjera measure	kom. pcs.	pilanje cutting
Profili Profiles			
FR-100 ram	frame	MH	2 90-90
FR-101 ram	frame	ML-57	1 90-90
FR-106 ram	frame	ML-57	1 90-90
FR-103 krilo	sash	Lkr=ML/5-3	5 90-90
FR-104 vodilica	guide	Lvod1=ML-4Lkr+7	1 90-90
FR-104 vodilica	guide	Lvod2=ML-3Lkr-6	1 90-90
FR-104 vodilica	guide	Lvod3=ML-2Lkr-19	1 90-90
FR-104 vodilica	guide	Lvod4=ML-Lkr-32	1 90-90
FR-104 vodilica	guide	Lvod5=ML-57	1 90-90
FR-105 umetak	insert	MH-50	1 90-90
FR-107 umetak	insert	MH-116	8 90-90
F-0022 osovina	axle	L=979 mm	1 90-90

Čepovi i umetci Caps and inserts

370.058	čep vodilice praga	threshold guide cap	4
370.061	bočni čep krila i prihvatnik dva krila	side sash cap and two sash acceptor	9
370.060	bočni čep krila na poziciji ključanja	side stopper of sash on locking position	1
521.145	umetak za fiksno krilo	insert for fixed sash	1

Okovi Hardware

521.143	kotačići Giesse (120 kg)	Bogies Giesse (120 kg)	10
124.006	Preklopni zapinjač-zasun /Stublina/	Bi-fold door latch /Stublina/	1
521.146	umetak za osovinu ključanja	insert for locking axle	1

Brtve Gasket

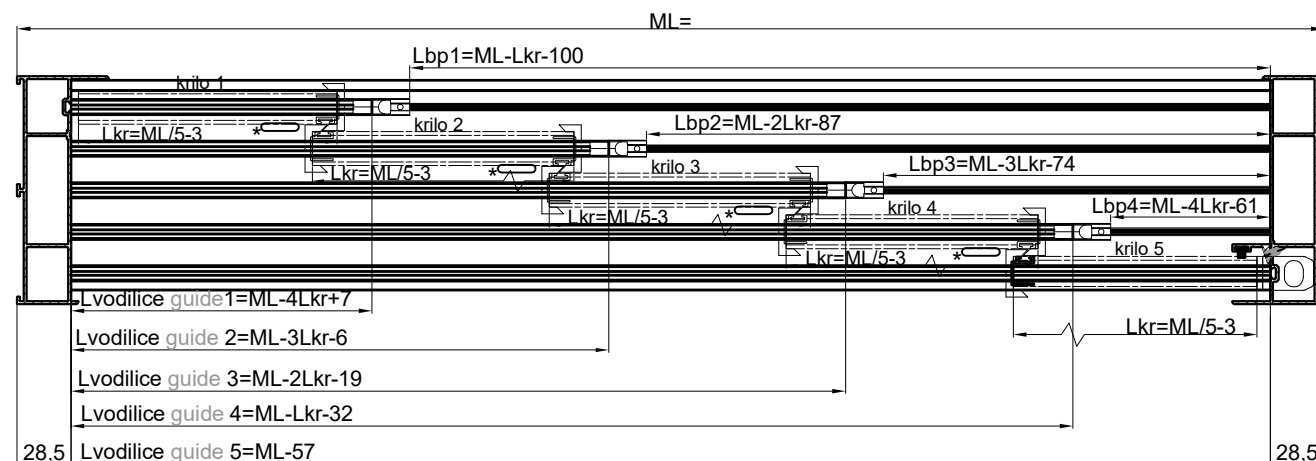
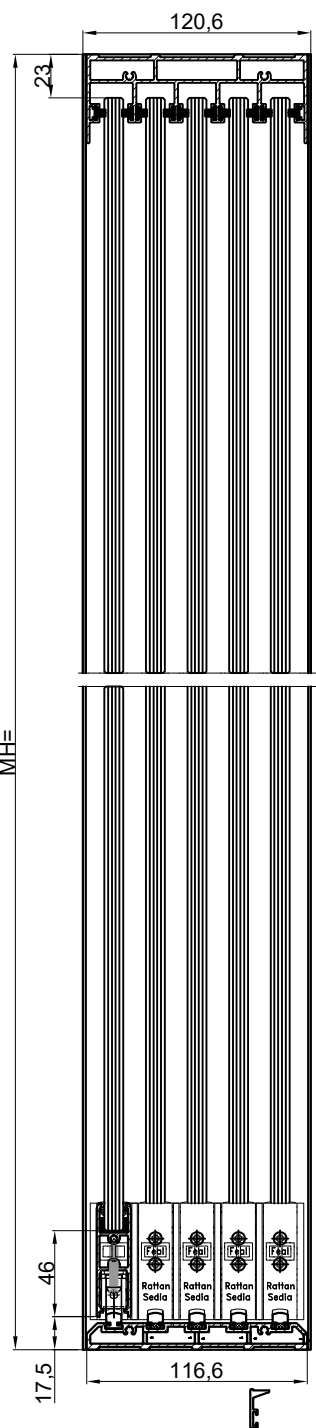
340.053	brtva u vertikalnom pojasu rama	gasket in vert. frame zone	MH-29	2 90-90
340.054	brtva prema staklu krila	gasket to the sash glass	Lkr	10 90-90
340.055	brtva praga	threshold gasket	Lbp1=ML-Lkr-100	1
340.055	brtva praga	threshold gasket	Lbp2=ML-2Lkr-87	1
340.055	brtva praga	threshold gasket	Lbp3=ML-3Lkr-74	1
340.055	brtva praga	threshold gasket	Lbp4=ML-4Lkr-61	1
347.004	četkasta brtva	brush gasket	MH-50	1 90-90
347.004	četkasta brtva	brush gasket	MH-116	9 90-90
347.004	četkasta brtva	brush gasket	ML-57	10 90-90

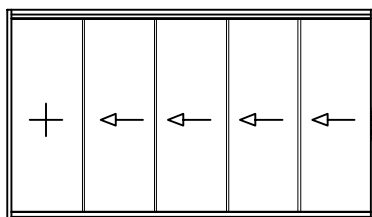
Staklo Glass

Dimenzije stakla (kaljeni lamistal 5.5.2)	LstxHst=Lkrx(MH-86.5) 5
Glass dimension (tampere laminated 5.5.2)	LglxHgl=Lshx(Hsh-93) 5

NAPOMENE: REMARKS:

MH-visina rama	Lvod-duljina vodilice	Lst-širina stakla	* žljeb 30x6 za odvod vode u prag
MH-frame height	Lgui-guide length	Lst-sash width	* groove 30x6 for drainage into threshold
ML-širina rama	Lbp -duljina brtve praga	Hst-visina stakla	Lkr-širina krila
ML-frame height	Ltg -threshold gasket length	Hgl-glass height	Lkr-sash width





Vodilica FR-108 za kotačiće 140.064
(sa mogućnošću podešavanja visine)
Guide FR-108 for bogies 140.064
(with height adjustment)

naziv name	mjera measure	kom. pcs.	pilanje cutting
Profili Profiles			
FR-100 ram	frame	MH	2 90-90
FR-101 ram	frame	ML-57	1 90-90
FR-106 ram	frame	ML-57	1 90-90
FR-103 krilo	sash	Lkr=ML/5-3	5 90-90
FR-108 vodilica	guide	Lvod1=ML-4Lkr+7	1 90-90
FR-108 vodilica	guide	Lvod2=ML-3Lkr-6	1 90-90
FR-108 vodilica	guide	Lvod3=ML-2Lkr-19	1 90-90
FR-108 vodilica	guide	Lvod4=ML-Lkr-32	1 90-90
FR-108 vodilica	guide	Lvod5=ML-57	1 90-90
FR-105 umetak	insert	MH-50	1 90-90
FR-107 umetak	insert	MH-116	8 90-90
F-0022 osovina	axle	L=979 mm	1 90-90

Čepovi i umetci Caps and inserts

370.058	čep vodilice praga	threshold guide cap	4
370.061	bočni čep krila i prihvatnik dva krila	side sash cap and two sash acceptor	9
370.060	bočni čep krila na poziciji ključanja	side stopper of sash on locking position	1
521.145	umetak za fiksno krilo	insert for fixed sash	1

Okovi Hardware

140.064	kotačići Roto(120 kg)	Bogies Giesse (120 kg)	10
124.006	Preklopni zapinjač-zasun /Stublina/	Bi-fold door latch /Stublina/	1
521.146	umetak za osovinu ključanja	insert for locking axle	1

Brtve Gasket

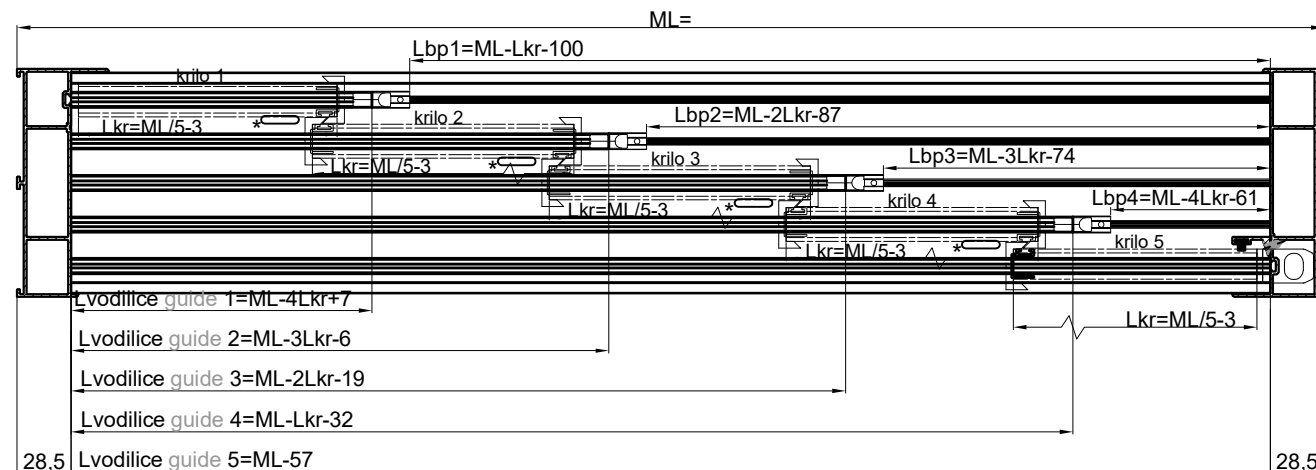
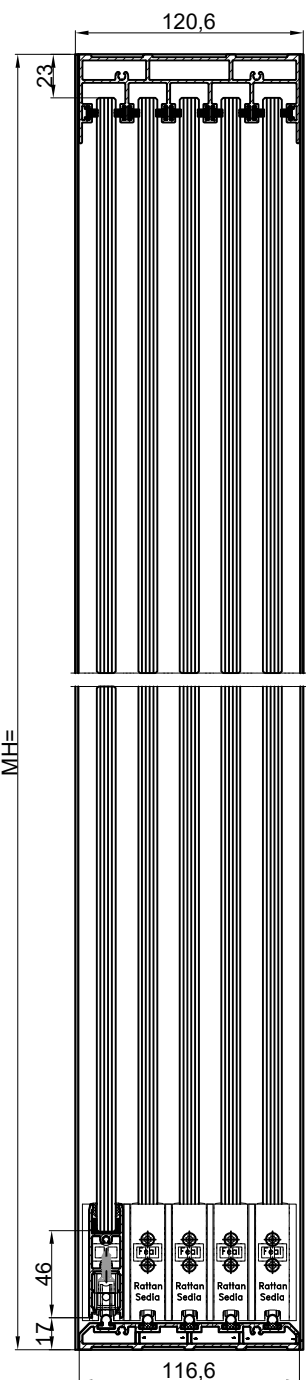
340.053	brtva u vert. pojasu rama	gasket in vert. frame zone	MH-29	2	90-90
340.054	brtva prema staklu krila	gasket to the sash glass	Lkr	10	90-90
340.055	brtva praga	threshold gasket	Lbp1=ML-Lkr-100	1	
340.055	brtva praga	threshold gasket	Lbp2=ML-2Lkr-87	1	
340.055	brtva praga	threshold gasket	Lbp3=ML-3Lkr-74	1	
340.055	brtva praga	threshold gasket	Lbp4=ML-4Lkr-61	1	
347.004	četkasta brtva	brush gasket	MH-50	1	90-90
347.004	četkasta brtva	brush gasket	MH-116	8	90-90
347.004	četkasta brtva	brush gasket	ML-57	10	90-90

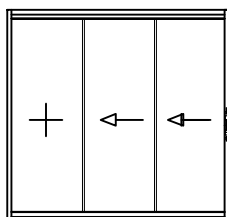
Staklo Glass

Dimenzije stakla (kaljeni lamistal 5.5.2)	LstxHst=Lkrx(MH-86)	5
Glass dimension (tamped laminated 5.5.2)	LglxHgl=Lshx(Hsh-93)	5

NAPOMENE: REMARKS:

MH-visina rama	Lvod-duljina vodilice	Lst-širina stakla	* žljeb 30x6 za odvod vode u prag
MH-frame height	Lgui-guide length	Lst-sash width	* groove 30x6 for drainage into threshold
ML-širina rama	Lbp -duljina brtve praga	Hst-visina stakla	
ML-frame height	Ltg -threshold gasket length	Hgl-glass height	Lkr-širina krila
			Lkr-sash width





Vodilica FR-104 za kotačiće 521.143
Guide FR-104 for bogie 521.143

naziv name	mjera measure	kom. pcs.	pilanje cutting
Profili Profiles			
FR-113 ram	frame	MH	2 90-90
FR-111 ram	frame	ML-57	1 90-90
FR-112 ram	frame	ML-57	1 90-90
FR-103 krilo	sash	Lkr=ML/3-14	6 90-90
FR-104 vodilica	guide	Lvod1=ML-2Lkr-19	1 90-90
FR-104 vodilica	guide	Lvod2=ML-1Lkr-32	1 90-90
FR-104 vodilica	guide	Lvod3=ML-57	1 90-90
FR-105 umetak	insert	MH-44.5	1 90-90
FR-107 umetak	insert	MH-174.5	4 90-90
F-0022 osovina	axle	L=979 mm	1 90-90
F-0022 osovina	axle	L=MH-1239	1 90-90

Čepovi i umetci Caps and inserts

370.056 usmjerivač krila	sash router	6
370.058 čep vodilice praga	threshold guide cap	2
370.061 bočni čep krila i prihvatnik dva krila	side sash cap and two sash acceptor	10
370.060 bočni čep krila na poziciji ključanja	side stopper of sash on locking position	2
521.145 umetak za fiksno krilo	insert for fixed sash	2

Okovi Hardware

521.143 kotačići Giesse (120 kg)	Bogies Giesse (120 kg)	6
124.006 Preklopni zapijač-zasun /Stublina/	Bi-fold door latch /Stublina/	1
521.146 umetak za osovinu ključanja	insert for locking axle	2

Brtve Gasket

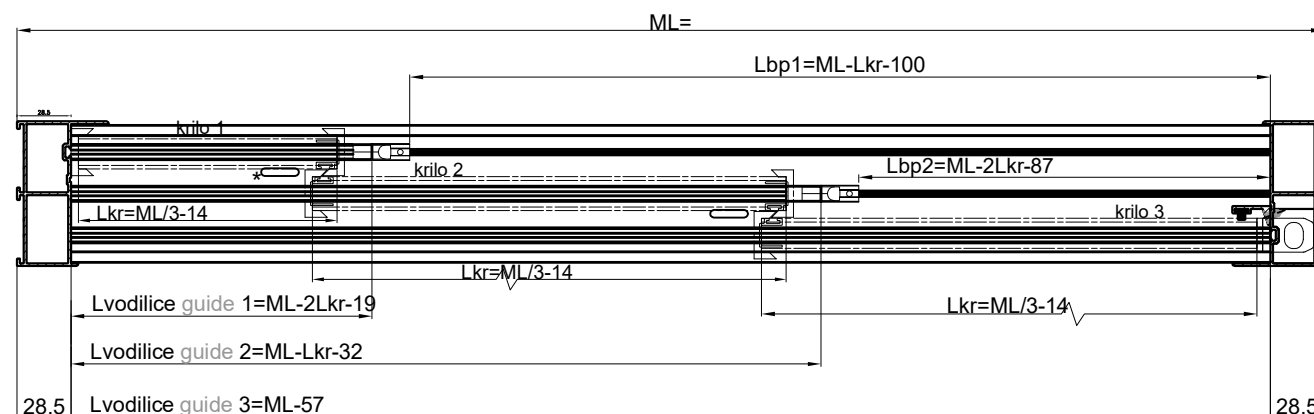
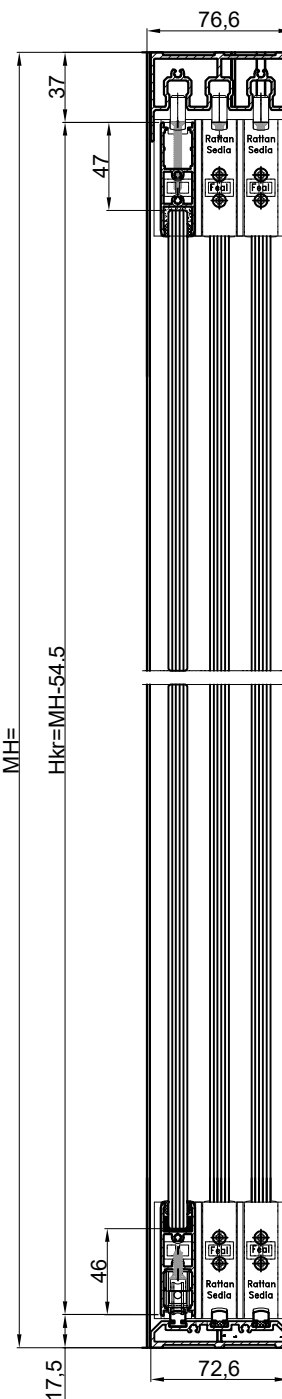
340.053 brtva u vert. pojasu rama	gasket in vert. frame zone	MH-29	2 90-90
340.054 brtva prema staklu krila	gasket to the sash glass	Lkr	10 90-90
340.055 brtva praga	threshold gasket	Lbp1=ML-Lkr-100	1 90-90
340.055 brtva praga	threshold gasket	Lbp2=ML-2Lkr-87	1 90-90
347.004 četkasta brtva	brush gasket	MH-44.5	1 90-90
347.004 četkasta brtva	brush gasket	MH-174.5	4 90-90

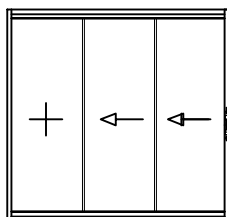
Staklo Glass

Dimenzije stakla (kaljeni lamistal 5.5.2)	LstxHst=Lkrx(Hkr-93)	3
Glass dimension (tamppered laminated 5.5.2)	LglxHgl=Lshx(Hsh-93)	3

NAPOMENE: REMARKS:

MH-visina rama	Lvod-duljina vodilice	Lst-širina stakla	* žlijeb 30x6 za odvod vode u prag
MH-frame height	Lgui-guide length	Lst-sash width	* groove 30x6 for drainage into threshold
ML-širina rama	Lbp -duljina brtve praga	Hst-visina stakla	Lkr-širina krila
ML-frame height	Ltg -threshold gasket length	Hgl-glass height	Lkr-sash width





Vodilica FR-108 za kotačiće 140.064
(sa mogućnošću podešavanja visine)
Guide FR-108 for bogies 140.064
(with height adjustment)

naziv name	mjera measure	kod code	kom. pcs.	pilanje cutting
Profili Profiles				
FR-113 ram	frame	MH	2	90-90
FR-111 ram	frame	ML-57	1	90-90
FR-112 ram	frame	ML-57	1	90-90
FR-103 krilo	sash	Lkr=ML/3-14	6	90-90
FR-108 vodilica	guide	Lvod1=ML-2Lkr-19	1	90-90
FR-108 vodilica	guide	Lvod2=ML-1Lkr-32	1	90-90
FR-108 vodilica	guide	Lvod3=ML-57	1	90-90
FR-105 umetak	insert	MH-44.5	1	90-90
FR-107 umetak	insert	MH-174.5	4	90-90
F-0022 osovina	axle	L=979 mm	1	90-90
F-0022 osovina	axle	L=MH-1239	1	90-90

Čepovi i umetci Caps and inserts

370.056 usmjerivač krila	sash router	6
370.058 čep vodilice praga	threshold guide cap	2
370.061 bočni čep krila i prihvatnik dva krila	side sash cap and two sash acceptor	10
370.060 bočni čep krila na poziciji ključanja	side stopper of sash on locking position	2
521.145 umetak za fiksno krilo	insert for fixed sash	2

Okovi Hardware

140.064 kotačići Roto(120 kg)	Bogies Roto (120 kg)	6
124.006 Preklopni zapinjač-zasun /Stublina/	Bi-fold door latch /Stublina/	1
521.146 umetak za osovinu ključanja	insert for locking axle	2

Brtve Gaskets

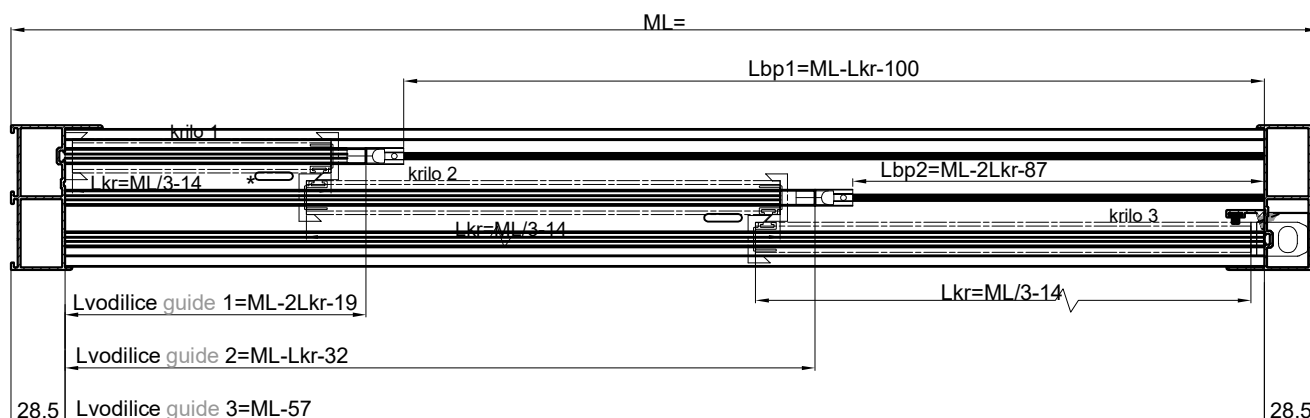
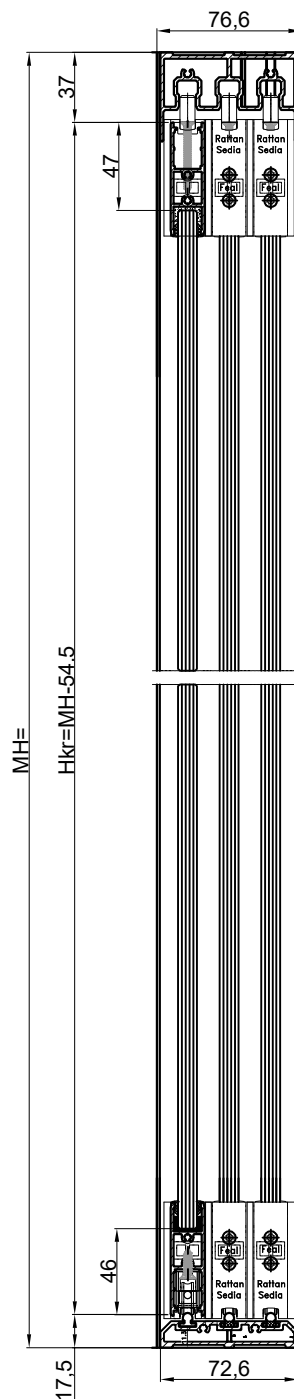
340.053 brtva u vert. pojasu rama	gasket in vert. frame zone	MH-29	2	90-90
340.054 brtva prema staklu krila	gasket to the glass glass	Lkr	10	90-90
340.055 brtva praga	threshold gasket	Lbp1=ML-Lkr-100	1	90-90
340.055 brtva praga	threshold gasket	Lbp2=ML-2Lkr-87	1	90-90
347.004 četkasta brtva	brush gasket	MH-44.5	1	90-90
347.004 četkasta brtva	brush gasket	MH-174.5	4	90-90

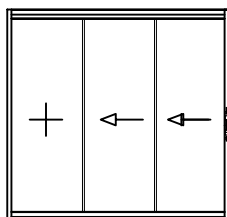
Staklo Glass

Dimenzije stakla (kaljeni lamistal 5.5.2)	LstxHst=Lkrx(Hkr-93)	3
Glass dimension (tamppered laminated 5.5.2)	LglxHgl=Lshx(Hsh-93)	3

NAPOMENE: REMARKS:

MH-visina rama MH-frame height	Lvod-duljina vodilice Lgui-guide length	Lst-širina stakla Lst-sash width	* žlijeb 30x6 za odvod vode u prag * groove 30x6 for drainage into threshold
ML-širina rama ML-frame height	Lbp -duljina brtve praga Ltg -threshold gasket length	Hst-visina stakla Hgl-glass height	Lkr-širina krila Lkr-sash width





Vodilica FR-104 za kotačiće 521.143
Guide FR-104 for bogies 521.143

naziv name			mjera measure	kom. pcs.	pilanje cutting
Profili	Profiles				
FR-113	ram	frame	MH	2	90-90
FR-111	ram	frame	ML-57	1	90-90
FR-114	ram	frame	ML-57	1	90-90
FR-103	krilo	sash	Lkr=ML/3-14	3	90-90
FR-104	vodilica	guide	Lvod1=ML-2Lkr-19	1	90-90
FR-104	vodilica	guide	Lvod2=ML-1Lkr-32	1	90-90
FR-104	vodilica	guide	Lvod3=ML-57	1	90-90
FR-105	umetak	insert	MH-50	1	90-90
FR-107	umetak	insert	MH-116.5	4	90-90
F-0022	osovina	axle	L=979 mm	1	90-90

Čepovi i umetci Caps and inserts

370.058	čep vodilice praga	threshold guide cap	2
370.061	bočni čep krila i prihvatnik dva krila	side sash cap and two sash acceptor	9
370.060	bočni čep krila na poziciji ključanja	side stopper of sash on locking position	1
521.145	umetak za fiksno krilo	insert for fixed sash	1

Okovi Hardware

521.143	kotačići Giesse (120 kg)	Bogies Giesse (120 kg)	6
124.006	Preklopni zapijač-zasun /Stublina/	Bi-fold door latch /Stublina/	1
521.146	umetak za osovinu ključanja	insert for locking axle	2

Brtve Gaskets

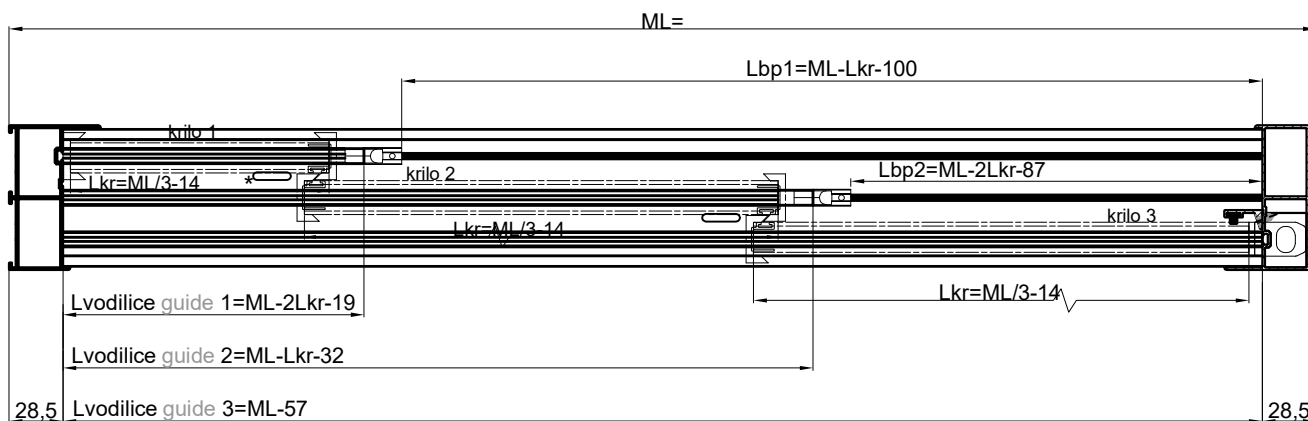
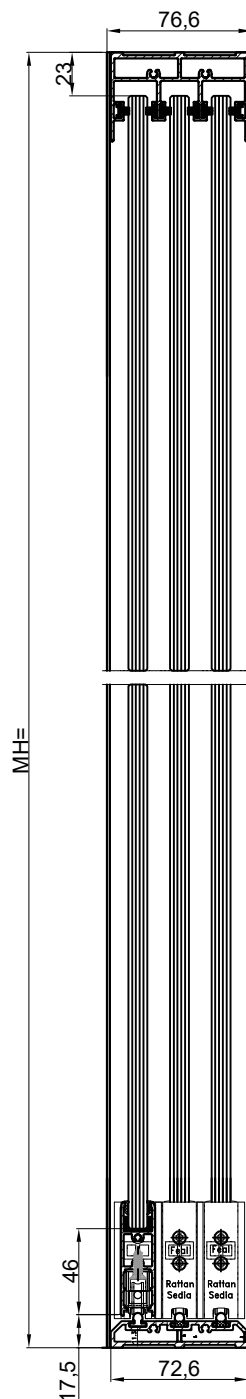
340.053	brtva u vert.pojasu rama	gasket in vert. frame zone	MH-29	2	90-90
340.054	brtva prema staklu krila	gasket to the sash glass	Lkr	6	90-90
340.055	brtva praga	threshold gasket	Lbp1=ML-Lkr-100	1	90-90
340.055	brtva praga	threshold gasket	Lbp2=ML-2Lkr-87	1	90-90
347.004	četkasta brtva	brush gasket	MH-50	1	90-90
347.004	četkasta brtva	brush gasket	MH-116.5	4	90-90
347.004	četkasta brtva	brush gasket	ML-57	6	90-90

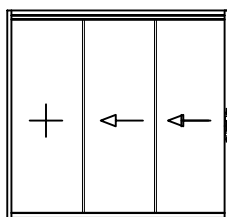
Staklo Glass

Dimenzije stakla (kaljeni lamistal 5.5.2)	LstxHst=Lkrx(MH-86.5) 3
Glass dimension (tamppered laminated 5.5.2)	LgixHgi=Lshx(MH-86.5) 3

NAPOMENE: REMARKS:

MH-visina rama MH-frame height	Lgui-duljina vodilice Lgui-guide length	Lst-širina stakla Lst-sash width	* žljeb 30x6 za odvod vode u prag * groove 30x6 for drainage into treshold
ML-širina rama ML-frame height	Lbp -duljina brtve praga Ltg -treshold gasket length	Hst-visina stakla Hgi-glass height	Lkr-širina krila Lkr-sash width





Vodilica FR-108 za kotačiće 140.064
(sa mogućnošću podešavanja visine)
Guide FR-108 for bogies 140.064
(with height adjustment)

naziv name	mjera measure	kom. pcs.	pilanje cutting
Profili Profiles			
FR-113 ram	frame	MH	2 90-90
FR-111 ram	frame	ML-57	1 90-90
FR-114 ram	frame	ML-57	1 90-90
FR-103 krilo	sash	Lkr=ML/3-14	3 90-90
FR-108 vodilica	guide	Lvod1=ML-2Lkr-19	1 90-90
FR-108 vodilica	guide	Lvod2=ML-1Lkr-32	1 90-90
FR-108 vodilica	guide	Lvod3=ML-57	1 90-90
FR-105 umetak	insert	MH-50	1 90-90
FR-107 umetak	insert	MH-116.5	4 90-90
F-0022 osovina	axle	L=979 mm	1 90-90

Čepovi i umetci Caps and inserts

370.058 čep vodilice praga	threshold guide cap	2
370.061 bočni čep krila i prihvatnik dva krila	side sash cap and two sash acceptor	9
370.060 bočni čep krila na poziciji ključanja	side stopper of sash on locking position	1
521.145 umetak za fiksno krilo	insert for fixed sash	1

Okovi Hardware

140.064 kotačići Roto(120 kg)	Bogies Roto (120 kg)	6
124.006 Preklopni zapinjač-zasun /Stublina/	Bi-fold door latch /Stublina/	1
521.146 umetak za osovinu ključanja	insert for locking axle	2

Brtve Gaskets

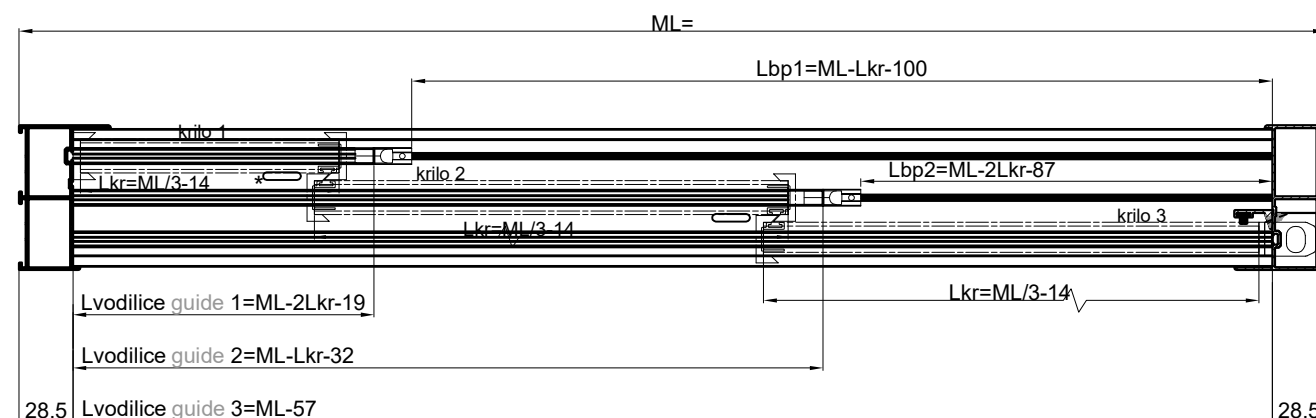
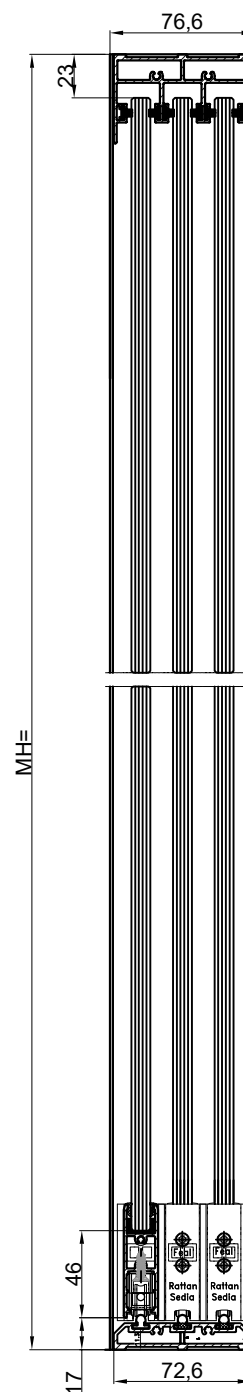
340.053 brtva u vert. pojasu rama	gasket in vert. frame zone	MH-29	2 90-90
340.054 brtva prema staklu krila	gasket to the sash glass	Lkr	6 90-90
340.055 brtva praga	threshold gasket	Lbp1=ML-Lkr-100	1 90-90
340.055 brtva praga	threshold gasket	Lbp2=ML-2Lkr-87	1 90-90
347.004 četkasta brtva	brush gasket	MH-44.5	1 90-90
347.004 četkasta brtva	brush gasket	MH-116.5	4 90-90
347.004 četkasta brtva	brush gasket	ML-57	6 90-90

Staklo Glass

Dimenzije stakla (kaljeni lamistal 5.5.2)	LstxHst=Lkrx(MH-86)	3
Glass dimension (tamped laminated 5.5.2)	LglxHgl=Lshx(MH-86)	3

NAPOMENE: REMARKS:

MH-visina rama MH-frame height	Lvod-duljina vodilice Lgui-guide length	Lst-širina stakla Lst-sash width	* žljeb 30x6 za odvod vode u prag * groove 30x6 for drainage into threshold
ML-širina rama ML-frame height	Lbp -duljina brtve praga Ltg -threshold gasket length	Hst-visina stakla Hgl-glass height	Lkr-širina krila Lkr-sash width



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