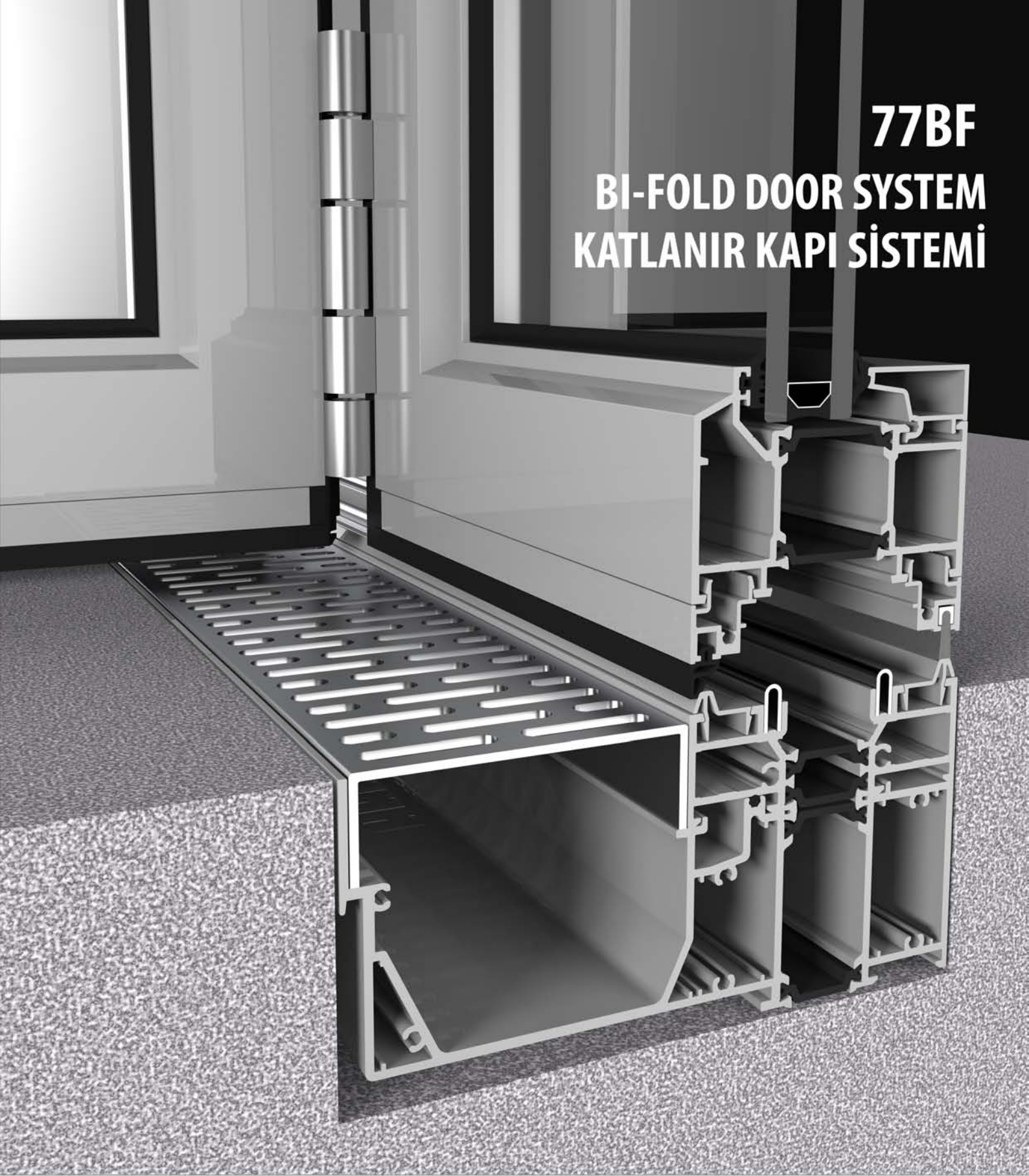


77BF BI-FOLD DOOR SYSTEM KATLANIR KAPI SİSTEMİ



UPDATE / GÜNCELLEME
19/07/2022

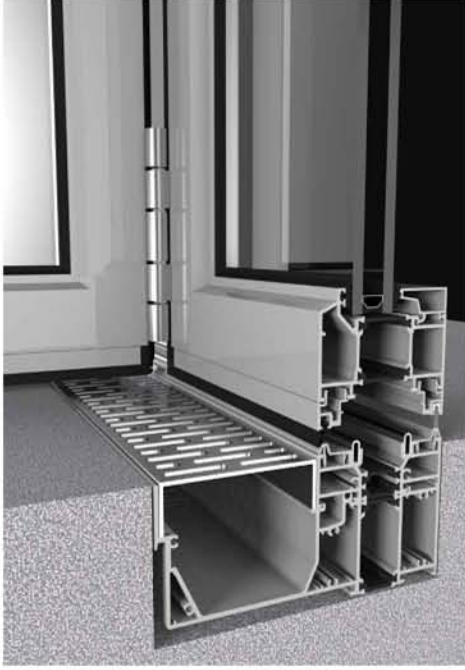


KURTOĞLU®
ALUMINIUM



TECHNICAL INFORMATION / TEKNİK BİLGİLER

System properties / Sistem bilgisi



77BF BI-FOLD DOOR SYSTEM / 77BF KATLANIR KAPI SİSTEMİ

- Sash capacity is up to 120 kg per sash.
 - Sash height can reach up to 3.5 meters.
 - 2 different visual variations for sashes.
 - Sashes are carried by lower pulleys.
 - Basic and master locks are available.
 - It can be applied in various variations up to 7 sashes.
 - 45 and 90 degree frame montage alternative.
 - Press and mechanical corner joint options for frame and sash.
 - Sash width can reach up to 1.2 meters.
- Kanat taşıma kapasitesi kanat başı 120 kg dir.
 - 3.5 metreye kadar kanat yüksekliği
 - Kanatlar için 2 farklı görsel varyasyon.
 - Kanatlar alt rulmanlar tarafından taşınmaktadır.
 - Basit ve kilitli kol seçenekleri mevcuttur.
 - 7 kanada kadar çeşitli varyasyonlarda uygulanabilmektedir.
 - 45 ve 90 derece kasa montaj alternatifi.
 - Kasa ve kanat için pres ve mekanik köşe bağlantı opsiyonu.
 - 1.2 metreye kadar kanat genişliği.

Technical Properties / Teknik Özellikler

FRAME DEPTH KASA DERİNLİĞİ	77 mm
SASH DEPTH KANAT DERİNLİĞİ	77 mm
WALL THICKNESS ET KALINLIĞI	1.8 mm
GLASS THICKNESS CAM KALINLIĞI	14 - 50 mm
THERMAL INSULATION ISI BARIYERİ	24 - 32 mm

Opportunities / Seçenekler

		77BF-101-18	77BF-102-18	77BF-103-18	77BF-102-18 Groove / Oluk	Corner / Köşe
FRAME JOIN KASA BİRLEŞİM 90°	Inside Opening İçte Açılır	✓	✓	✓	✓	✓
	Outside Opening Dışta Açılır	✓	✓	✓	✓	✓
FRAME JOIN KASA BİRLEŞİM 45°	Inside Opening İçte Açılır	✓	—	—	—	—
	Outside Opening Dışta Açılır	✓	—	—	—	—

Performance Values / Performans Değerleri

THERMAL INSULATION VALUE
SİSTEM UF DEĞERİ - EN ISO 10077-2



2,947 W/m²K

systemproperties / sistembilgisi

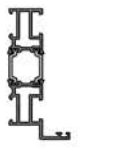


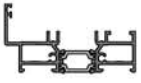















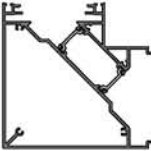




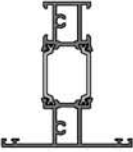


Construction Depth	Frame : 77 mm - Vent : 77 mm	Derinlik	Kasa : 77 mm - Kanat : 77 mm
Glazing	Glazing from 14 mm up to 50 mm with dry EPDM gaskets. The choice of joists and glazing beads depend on the thickness of the glass. According to the tolerances of the glazing either a smaller or bigger joint and or glazing bead is used.	Cam Kalınlığı	Cam kalınlığı EPDM fitil ile birlikte 14 mm - 50 mm aralığındadır. Bağlantı ve çıtta cam kalınlığına göre seçilmelidir. Cam toleransına göre küçük yada büyük bağlantı veya cam çıtası kullanılır.
Insulation Bar Thermal Permability	24 - 32 mm (Uf) 2,947 W / m2K	Isı Bariyeri Isı Geçirgenliği	24 - 32 mm (Uf) 2,947 W / m2K
Gaskets	The opening windows have a central gasket, an acoustical gasket and glazing gaskets in EPDM	Fitil	Açılır pencerelerde tozlu fitili, akustik fitil ve cam fitilleri EPDM'dir.
Drainage	For maximum performance, you should follow the instructions in the catalogue.	Su Tahliye	Maksimum performans için katalogdaki talimatları takip etmelisiniz.

productionproperties / üretimbilgisi

























The aluminium profiles have been extruded from the alloy AlMgSi 0.5 as F22 according to the EN 12020.		Alüminyum profiller AlMgSi 0.5 - F22 alaşımından ve EN 12020 standardına göre üretilir.	
Alloy	Physical Properties	Alaşım	Fiziksel Özellikler
	1. Density : 2.70 Kg / dm3		1. Yoğunluk : 2.70 Kg / dm3
	2. Modules of Elasticity : 69 kN / mm2		2. Elastisite Modülü : 69 kN / mm2
	3. Resistivity : 20° 33 n Ω .m		3. Direnç : 20° 33 n Ω .m
	4. Melting point : 600 - 655 °C		4. Erime Noktası : 600 - 655 °C
	5. Linear expeansion coefficient : 20 - 100°C μ °C ⁻¹		5. Genişleme Katsayısı : 20 - 100°C μ °C ⁻¹
Surface Treatment	Mechanical Properties	Yüzey İşlem	Mekanik Özellikler
	1. Tensile strength : Min 215 MPa		1. Kopma Dayanıklılığı : Min 215 MPa
	2. Yield strength : 190 MPa		2. Elastisite Limiti : 190 MPa
	3. Elongation : % 10		3. Uzama : % 10
	4. Hardness : 67 Brinell		4. Sertlik : 67 Brinell
	Anodising		Eloksal
In anodising process , microns of the profiles for the inside and outside use are different. The complete anodisation process takes place in accordance with the specifications of QUALANOD .	Eloksal projesinde profil mikronları iç ve dış kullanım için farklıdır. Bütün eloksal projesi QUALANOD spesifikasyonlarına göre uygulanır.		
Electrostatic Powder Coating	Elektrostatik Toz Boya		
The thermal break allows the profile to be painted when compounded. On average, the coating thickness is minimally 60 micron. The complete powder coating process takes place in accordance with the specifications of QUALICOAT SEASIDE .	Isı bariyeri çakıldığında profil boyanabilir. Genel olarak kaplama kalınlığı minimum 60 mikrondur. Bütün toz boya projesi QUALICOAT SEASIDE spesifikasyonlarına göre uygulanır.		

PROFILE INDEX / PROFİL İNDEKS

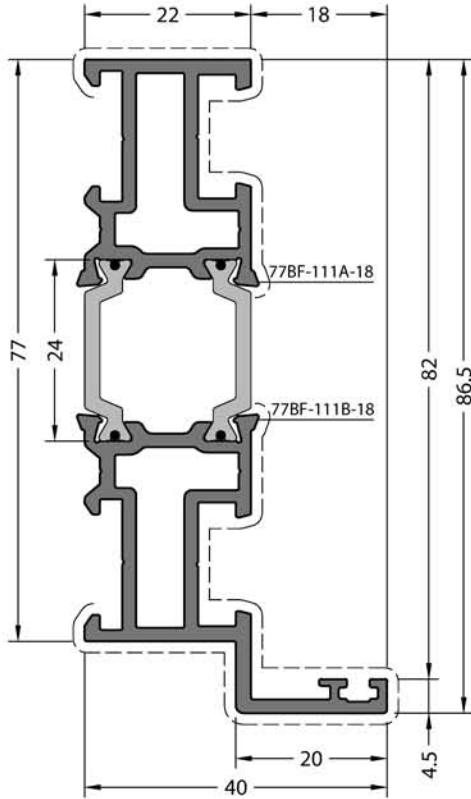
profiles / profiller

CODE KOD	DRAWING ÇİZİM	WEIGHT AĞIRLIK Kg/m	CODE KOD	DRAWING ÇİZİM	WEIGHT AĞIRLIK Kg/m	CODE KOD	DRAWING ÇİZİM	WEIGHT AĞIRLIK Kg/m
77BF-111-18		1.474	77BF-402-00		0.110	07-105-00		0.875
77BF-101-18		1.613	77BF-501-00		0.250	07-107-015		0.900
77BF-102-18		1.474	77BF-502-00		0.274	07-108-015		0.462
77BF-103-18		0.861	77BF-503-00		0.674	08-205-00		0.279
77BF-151-00		3.330	77BF-511-00		0.158	08-207-00		0.290
77BF-401-18		1.510	77BF-512-00		0.092	08-208-00		0.298
77BF-201-18		1.688	77BF-515-00		3.541	08-209-00		0.308
77BF-202-18		1.692	07-102-00		0.324	08-212-00		0.323
77BF-301-18		1.561	07-103-00		0.488	08-213-00		0.339

profiles / profiller

CODE KOD	DRAWING ÇİZİM	WEIGHT AĞIRLIK Kg/m	CODE KOD	DRAWING ÇİZİM	WEIGHT AĞIRLIK Kg/m	CODE KOD	DRAWING ÇİZİM	WEIGHT AĞIRLIK Kg/m
08-217-00		0.351	08-108-00		0.269	08-308-00		0.244
08-215-00		0.369	08-109-00		0.280	08-309-00		0.258
08-216-00		0.393	08-112-00		0.291	08-312-00		0.276
08-222-00		0.417	08-113-00		0.300	08-314-00		0.302
08-221-00		0.426	08-117-00		0.309	09-101-00		2.561
08-223-00		0.454	08-115-00		0.317	09-103-00		3.689
08-224-00		0.465	08-116-00		0.330			
08-105-00		0.259	08-122-00		0.342			
08-107-00		0.262	08-121-00		0.349			

PROFILES / PROFÍLLER

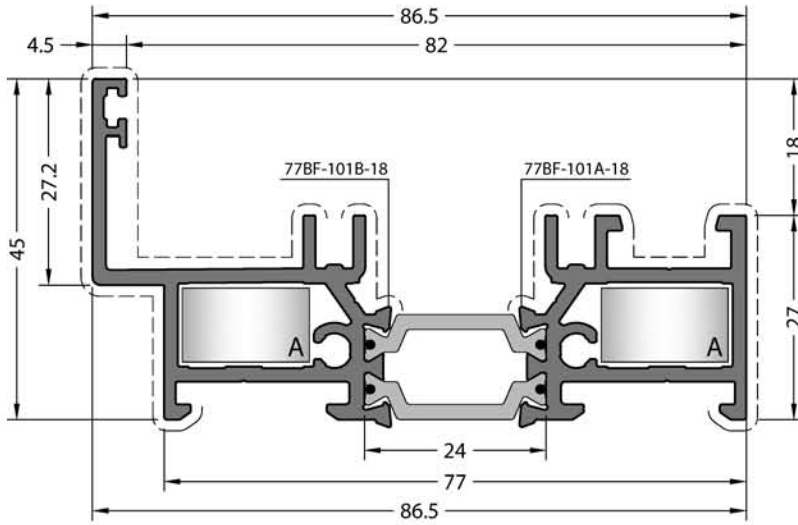


CODE / KOD

77BF-111-18

THEORETICAL WEIGHT
TEORİK AĞIRLIK (kg/m)

1.474



CODE / KOD

77BF-101-18

THEORETICAL WEIGHT
TEORİK AĞIRLIK (kg/m)

1.613

PRESS CORNER JOINT
PRES KÖŞE BAĞLANTI

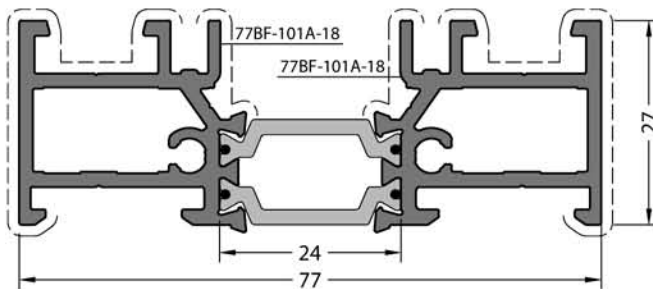
MECHANICAL COR. JOINT
MEKANİK KÖŞE BAĞLANTI



A CC-101-17.4



A KC-801-17.2

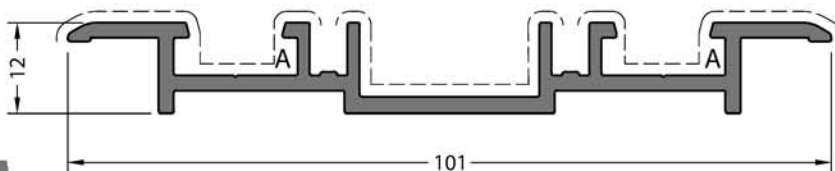


CODE / KOD

77BF-102-18

THEORETICAL WEIGHT
TEORİK AĞIRLIK (kg/m)

1.474



CODE / KOD

77BF-103-00

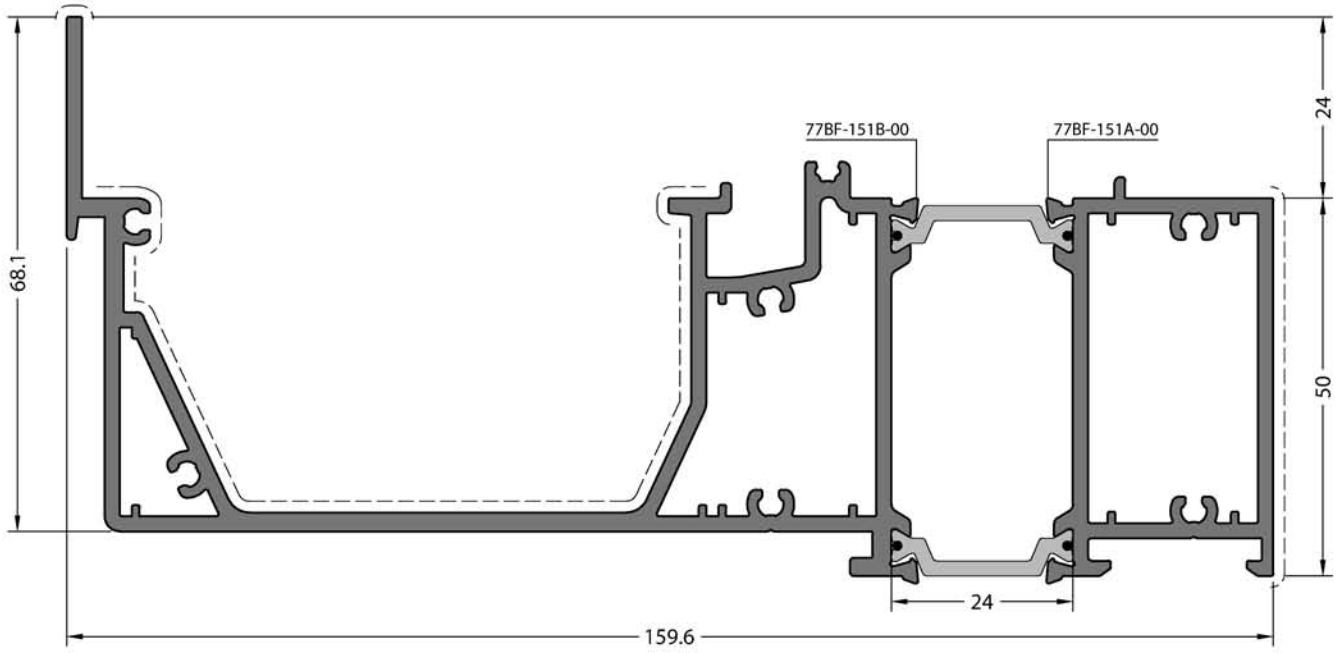
THEORETICAL WEIGHT
TEORİK AĞIRLIK (kg/m)

0.861

PRESS CORNER JOINT
PRES KÖŞE BAĞLANTI



A CA77BF-103



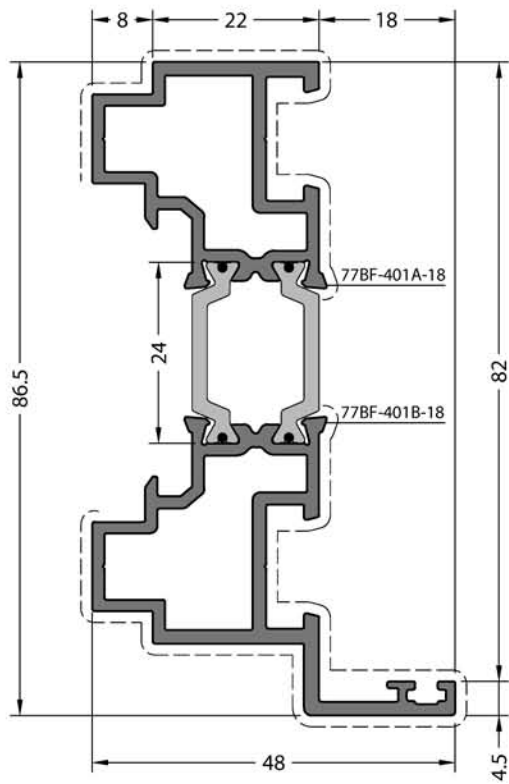
CODE / KOD

77BF-151-00

THEORETICAL WEIGHT

TEORİK AĞIRLIK (kg/m)

3.330



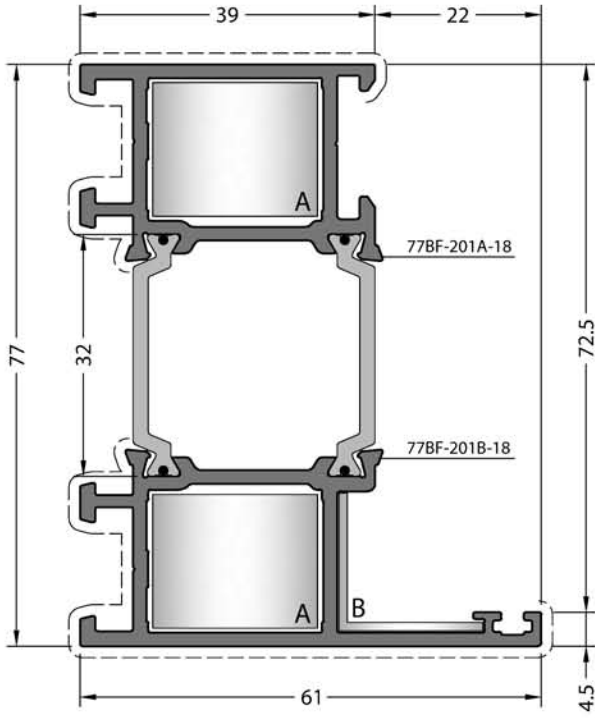
CODE / KOD

77BF-401-18

THEORETICAL WEIGHT

TEORİK AĞIRLIK (kg/m)

1.510



CODE / KOD

77BF-201-18

THEORETICAL WEIGHT
TEORİK AĞIRLIK (kg/m)

1.688

PRESS CORNER JOINT
PRES KÖŞE BAĞLANTI

MECHANICAL COR. JOINT
MEKANİK KÖŞE BAĞLANTI



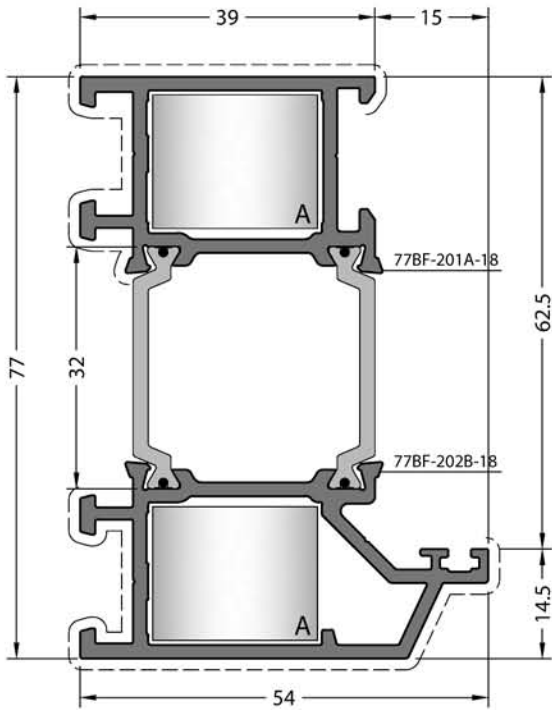
A CC-103-18.3



A KC-803-18.1



B EM77BF-22



CODE / KOD

77BF-202-18

THEORETICAL WEIGHT
TEORİK AĞIRLIK (kg/m)

1.692

PRESS CORNER JOINT
PRES KÖŞE BAĞLANTI

MECHANICAL COR. JOINT
MEKANİK KÖŞE BAĞLANTI



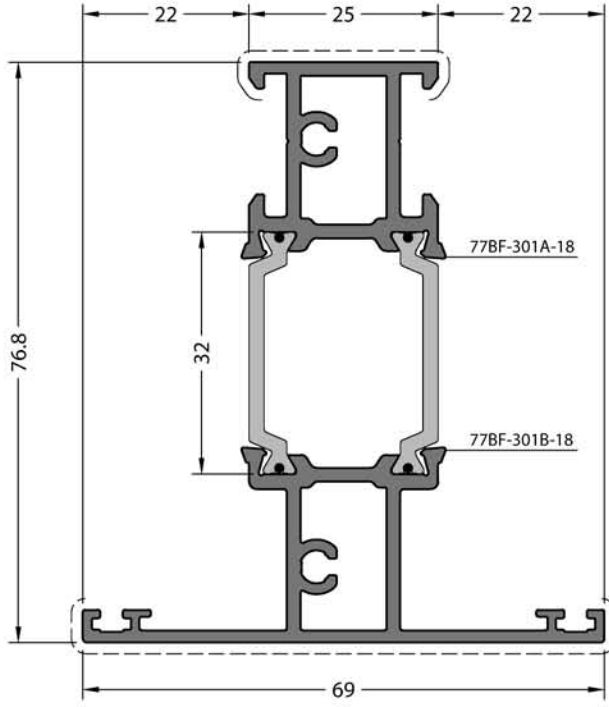
A CC-103-18.3



A KC-803-18.1

Important Note / Önemli Not :

Not compatible with 77BF-202-18 Wing. Can only be used with the 77BF-201-18.
 77BF-202-18 Kanat ile uyumlu değildir. Sadece 77BF-201-18 ile kullanılabilir.



CODE / KOD

77BF-301-18

THEORETICAL WEIGHT
TEORİK AĞIRLIK (kg/m)

1.561

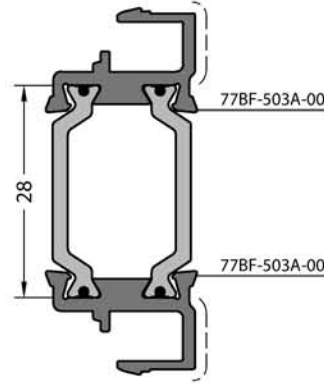


CODE / KOD

77BF-402-00

THEORETICAL WEIGHT
TEORİK AĞIRLIK (kg/m)

0.110

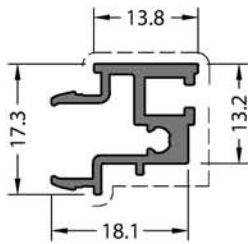


CODE / KOD

77BF-503-00

THEORETICAL WEIGHT
TEORİK AĞIRLIK (kg/m)

0.674

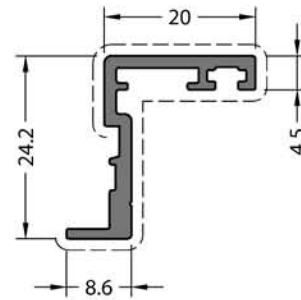


CODE / KOD

77BF-501-00

THEORETICAL WEIGHT
TEORİK AĞIRLIK (kg/m)

0.250

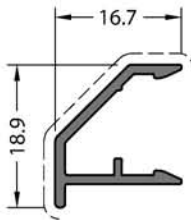


CODE / KOD

77BF-502-00

THEORETICAL WEIGHT
TEORİK AĞIRLIK (kg/m)

0.274

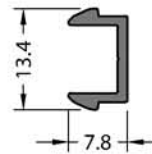


CODE / KOD

77BF-511-00

THEORETICAL WEIGHT
TEORİK AĞIRLIK (kg/m)

0.158



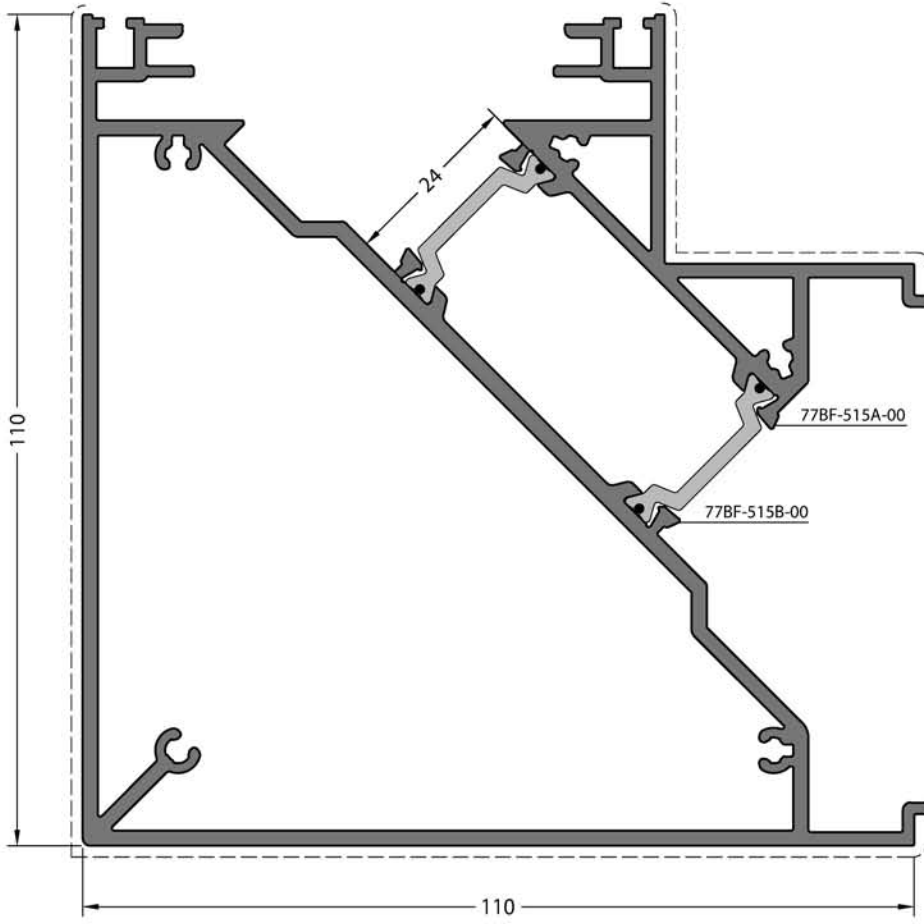
No visible surface.
Görünen yüzeyi yoktur.

CODE / KOD

77BF-512-00

THEORETICAL WEIGHT
TEORİK AĞIRLIK (kg/m)

0.092



CODE / KOD

77BF-515-00

THEORETICAL WEIGHT

TEORİK AĞIRLIK (kg/m)

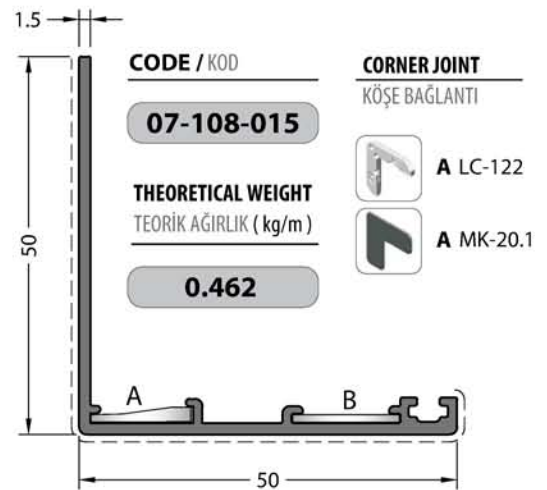
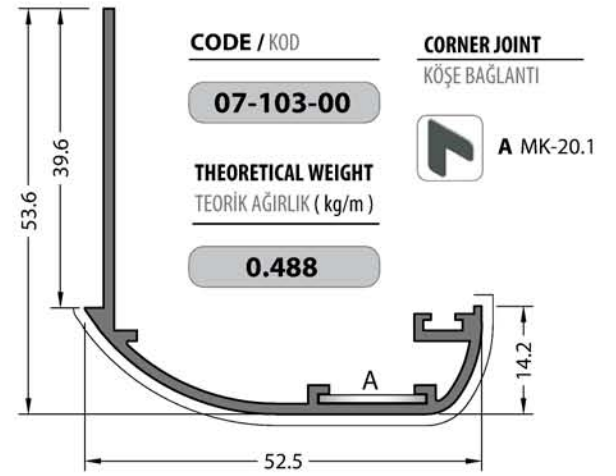
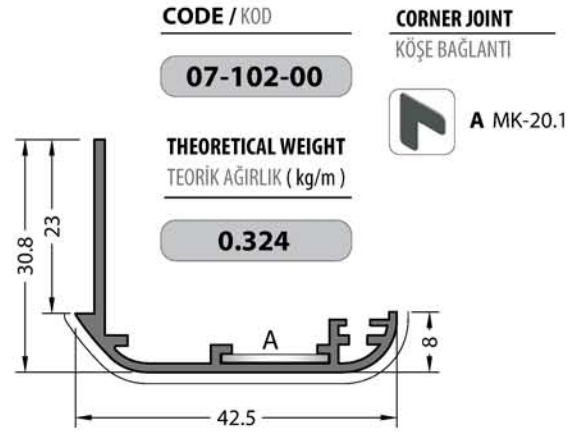
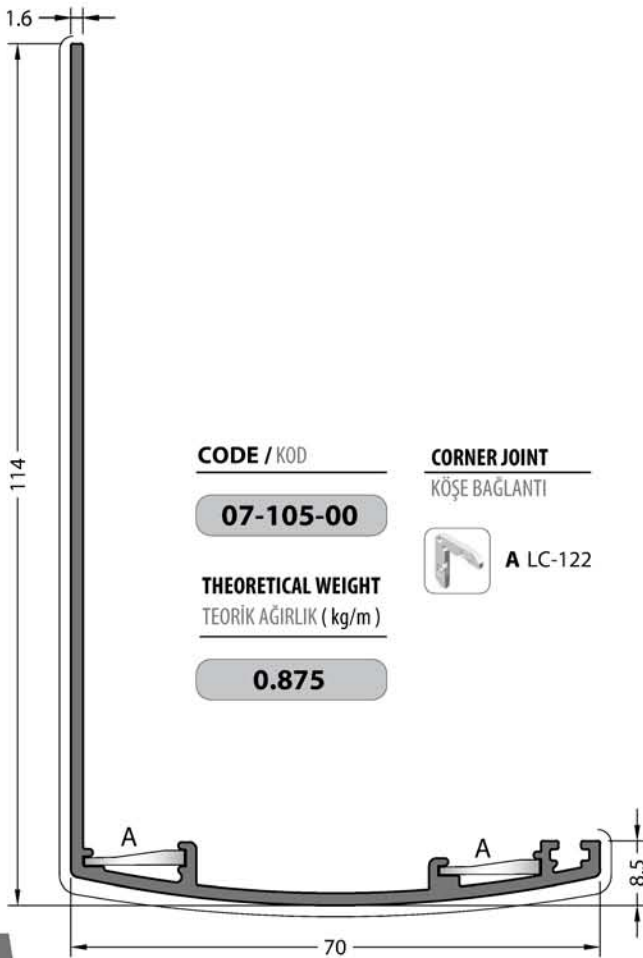
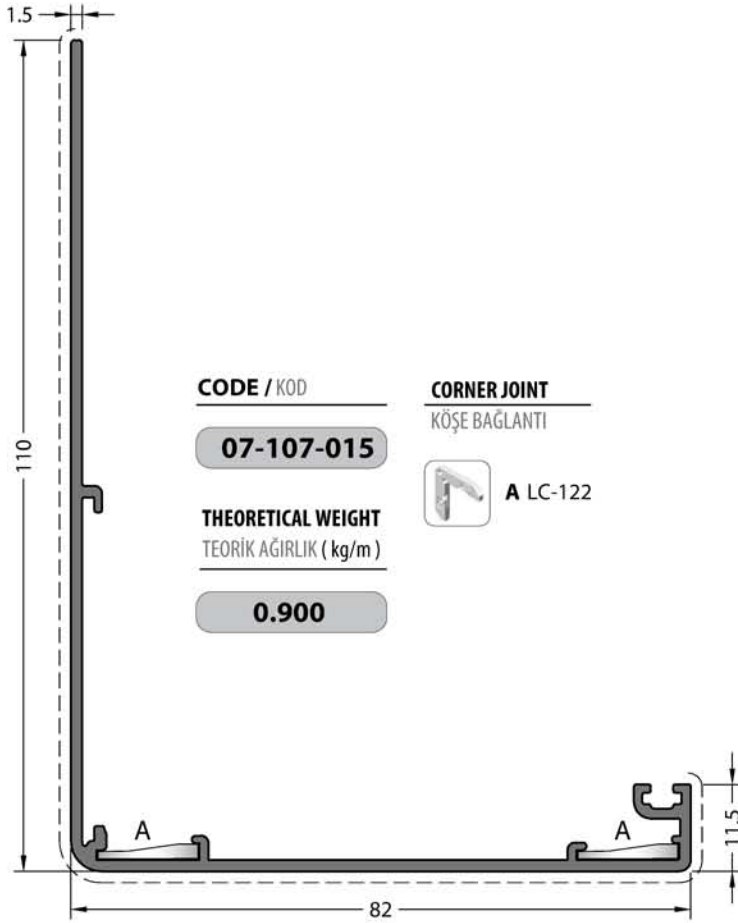
3.541

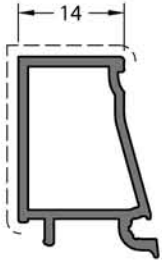
CAP / KAPAK



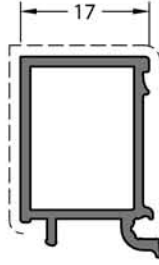
A EM77BF-515

PROFILES / PROFİLLER

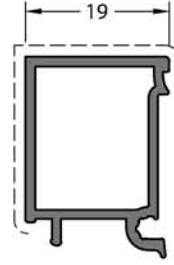




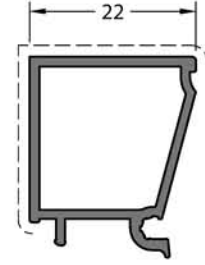
CODE / KOD

08-205-00THEORETICAL WEIGHT
TEORİK AĞIRLIK (kg/m)**0.279**

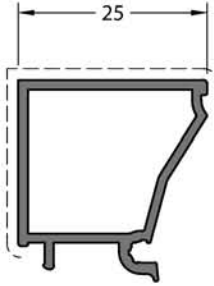
CODE / KOD

08-207-00THEORETICAL WEIGHT
TEORİK AĞIRLIK (kg/m)**0.290**

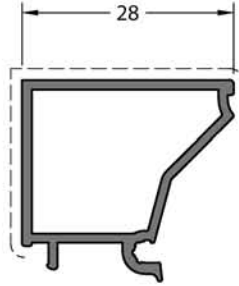
CODE / KOD

08-208-00THEORETICAL WEIGHT
TEORİK AĞIRLIK (kg/m)**0.298**

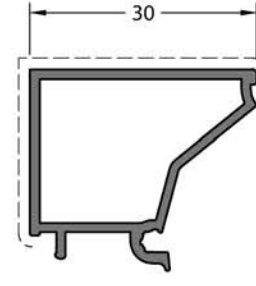
CODE / KOD

08-209-00THEORETICAL WEIGHT
TEORİK AĞIRLIK (kg/m)**0.308**

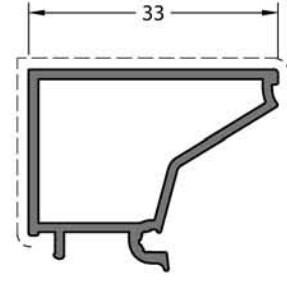
CODE / KOD

08-212-00THEORETICAL WEIGHT
TEORİK AĞIRLIK (kg/m)**0.323**

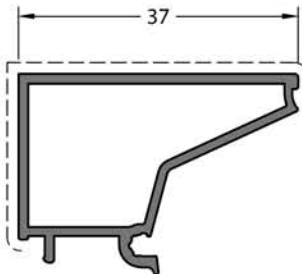
CODE / KOD

08-213-00THEORETICAL WEIGHT
TEORİK AĞIRLIK (kg/m)**0.339**

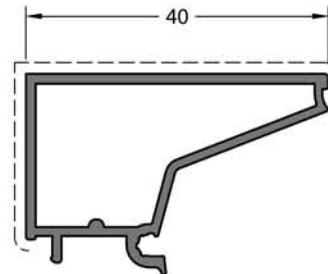
CODE / KOD

08-217-00THEORETICAL WEIGHT
TEORİK AĞIRLIK (kg/m)**0.351**

CODE / KOD

08-215-00THEORETICAL WEIGHT
TEORİK AĞIRLIK (kg/m)**0.369**

CODE / KOD

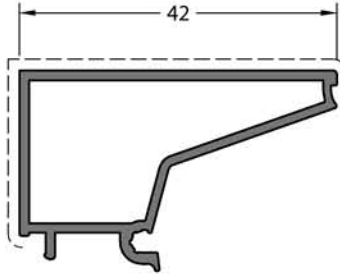
08-216-00THEORETICAL WEIGHT
TEORİK AĞIRLIK (kg/m)**0.393**

CODE / KOD

08-222-00THEORETICAL WEIGHT
TEORİK AĞIRLIK (kg/m)**0.417**

SAFETY GLAZING BEADS / GÜVENLİKLİ CAM ÇİTALARI

77BF-201-18

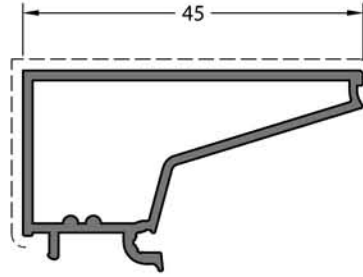


CODE / KOD

08-221-00

THEORETICAL WEIGHT
TEORİK AĞIRLIK (kg/m)

0.426

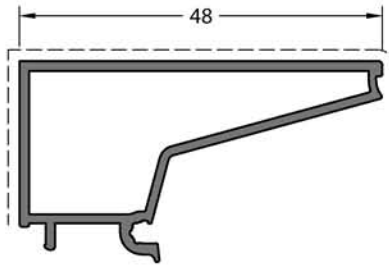


CODE / KOD

08-223-00

THEORETICAL WEIGHT
TEORİK AĞIRLIK (kg/m)

0.454



CODE / KOD

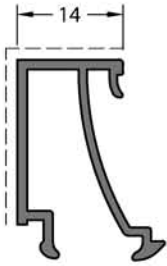
08-224-00

THEORETICAL WEIGHT
TEORİK AĞIRLIK (kg/m)

0.465

STANDARD GLAZING BEADS / STANDART CAM ÇİTALARI

77BF-201-18

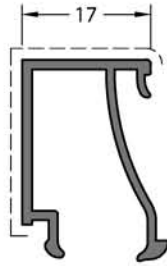


CODE / KOD

08-105-00

THEORETICAL WEIGHT
TEORİK AĞIRLIK (kg/m)

0.259



CODE / KOD

08-107-00

THEORETICAL WEIGHT
TEORİK AĞIRLIK (kg/m)

0.262



CODE / KOD

08-108-00

THEORETICAL WEIGHT
TEORİK AĞIRLIK (kg/m)

0.269



CODE / KOD

08-109-00

THEORETICAL WEIGHT
TEORİK AĞIRLIK (kg/m)

0.280



CODE / KOD

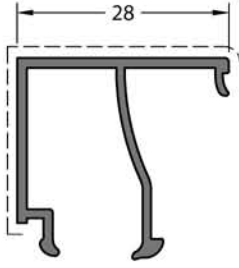
08-112-00

THEORETICAL WEIGHT
TEORİK AĞIRLIK (kg/m)

0.291

STANDARD GLAZING BEADS / STANDART CAM ÇİTALARI

77BF-201-18

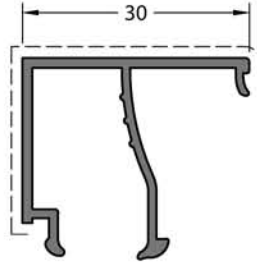


CODE / KOD

08-113-00

THEORETICAL WEIGHT
TEORİK AĞIRLIK (kg/m)

0.300

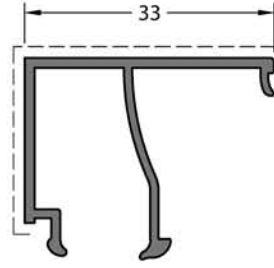


CODE / KOD

08-117-00

THEORETICAL WEIGHT
TEORİK AĞIRLIK (kg/m)

0.309

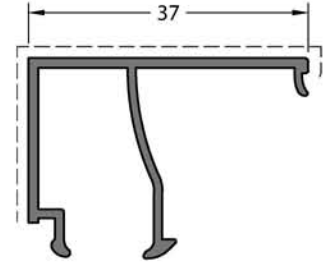


CODE / KOD

08-115-00

THEORETICAL WEIGHT
TEORİK AĞIRLIK (kg/m)

0.317

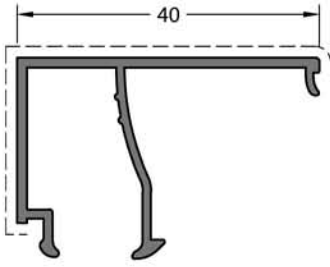


CODE / KOD

08-116-00

THEORETICAL WEIGHT
TEORİK AĞIRLIK (kg/m)

0.330

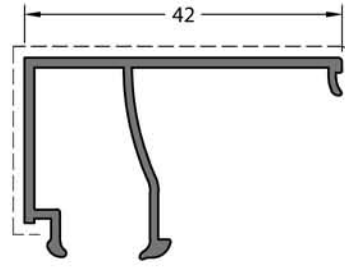


CODE / KOD

08-122-00

THEORETICAL WEIGHT
TEORİK AĞIRLIK (kg/m)

0.342



CODE / KOD

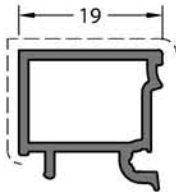
08-121-00

THEORETICAL WEIGHT
TEORİK AĞIRLIK (kg/m)

0.349

STANDARD GLAZING BEADS / STANDART CAM ÇİTALARI

77BF-202-18

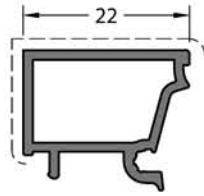


CODE / KOD

08-308-00

THEORETICAL WEIGHT
TEORİK AĞIRLIK (kg/m)

0.244

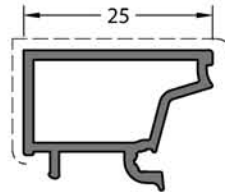


CODE / KOD

08-309-00

THEORETICAL WEIGHT
TEORİK AĞIRLIK (kg/m)

0.258

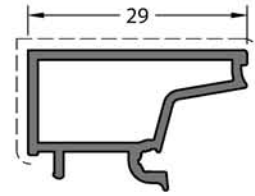


CODE / KOD

08-312-00

THEORETICAL WEIGHT
TEORİK AĞIRLIK (kg/m)

0.276

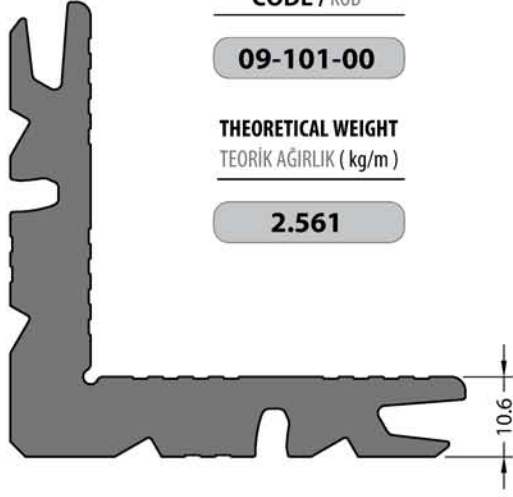


CODE / KOD

08-314-00

THEORETICAL WEIGHT
TEORİK AĞIRLIK (kg/m)

0.302



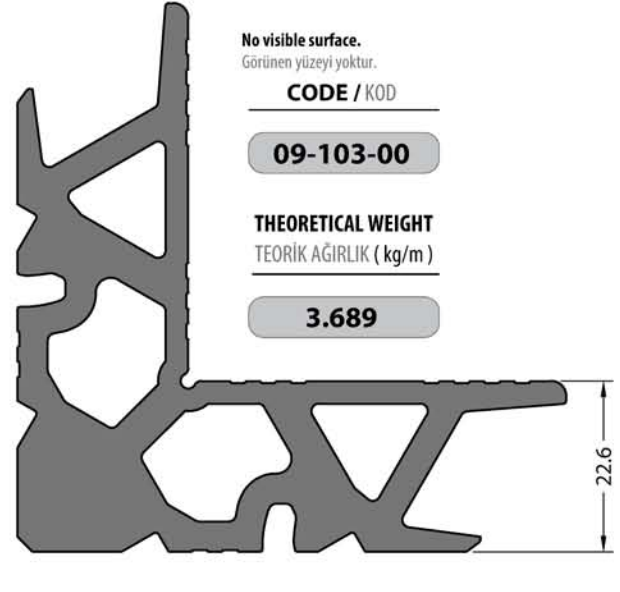
No visible surface.
Görünen yüzeyi yoktur.

CODE / KOD

09-101-00

THEORETICAL WEIGHT
TEORİK AĞIRLIK (kg/m)

2.561



No visible surface.
Görünen yüzeyi yoktur.

CODE / KOD

09-103-00

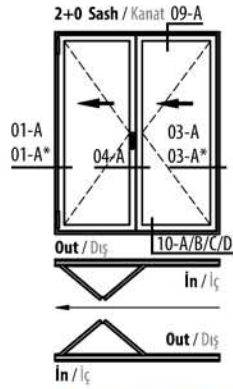
THEORETICAL WEIGHT
TEORİK AĞIRLIK (kg/m)

3.689

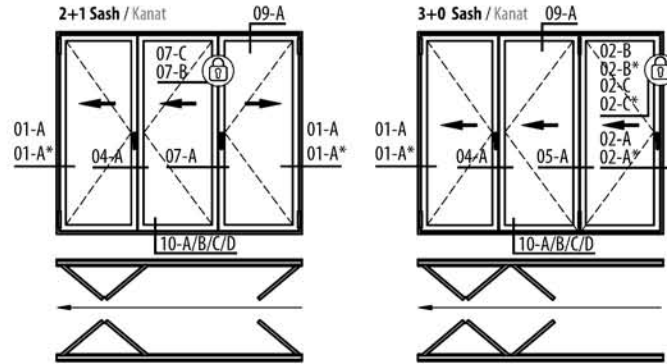
90°

DETAILS / DETAYLAR

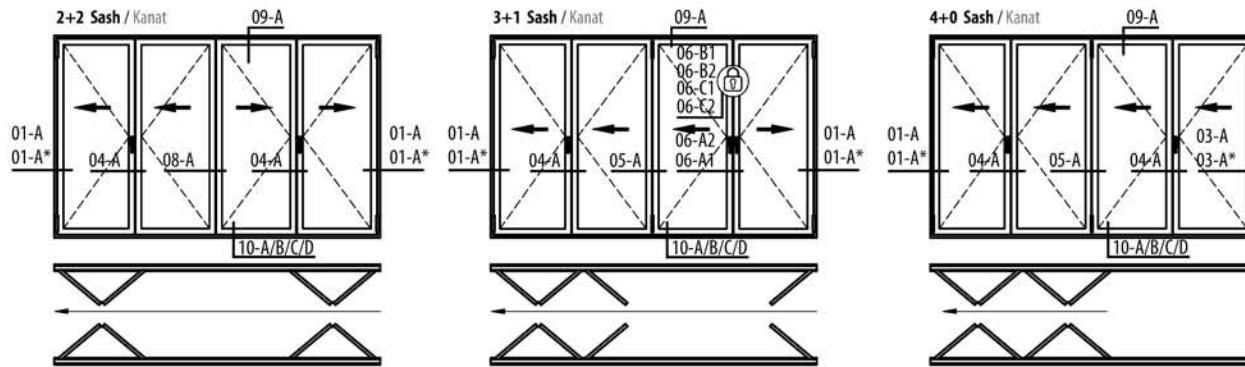
2 SASH / KANAT



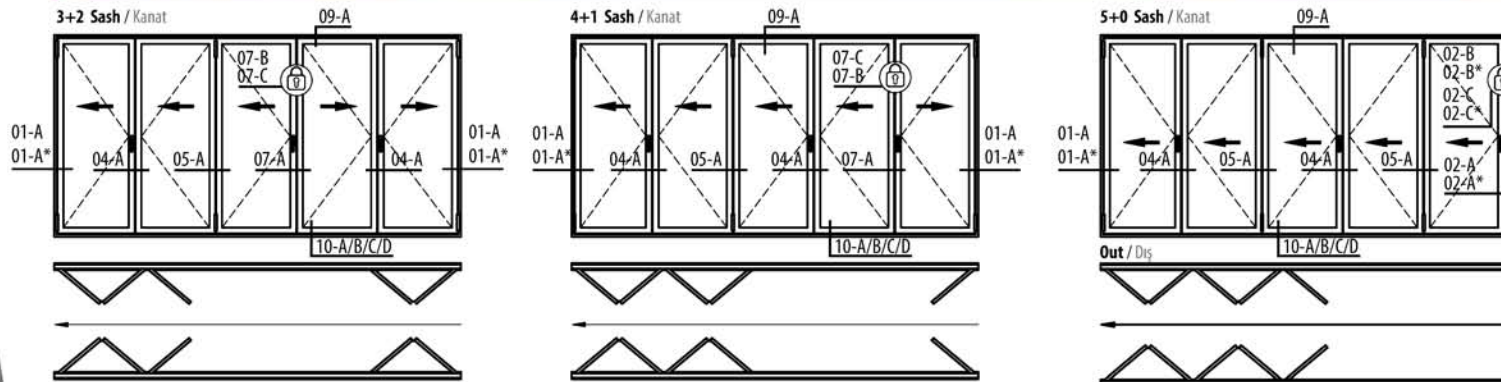
3 SASH / KANAT



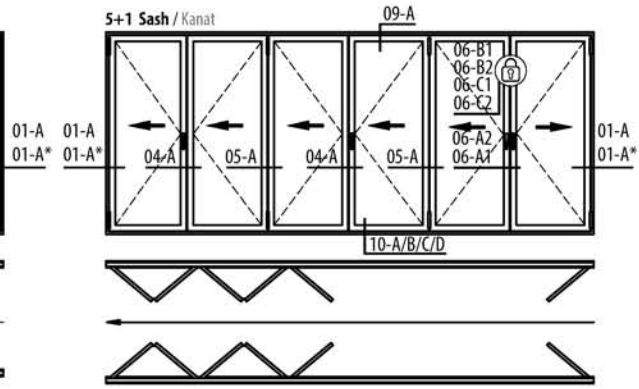
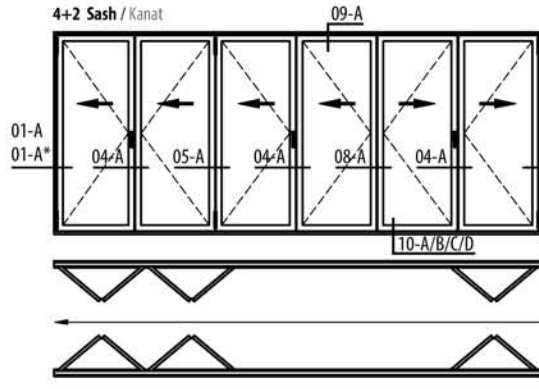
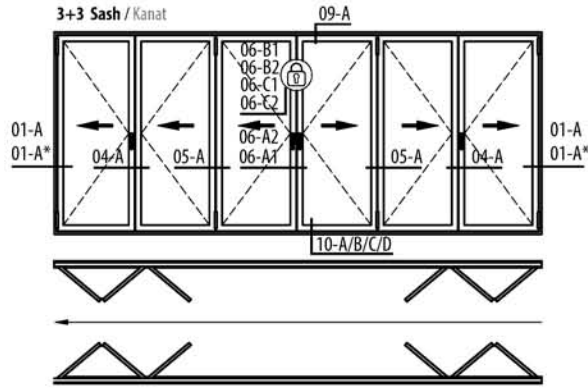
4 SASH / KANAT



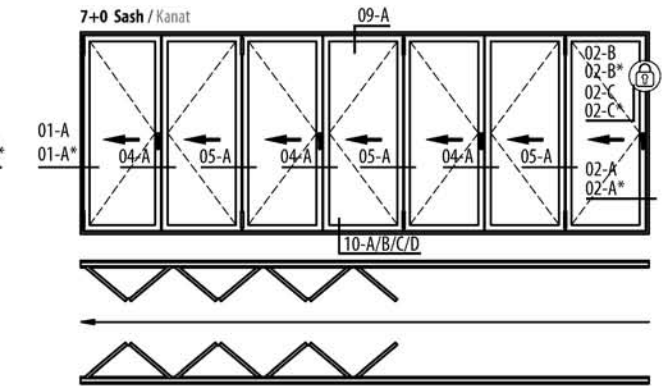
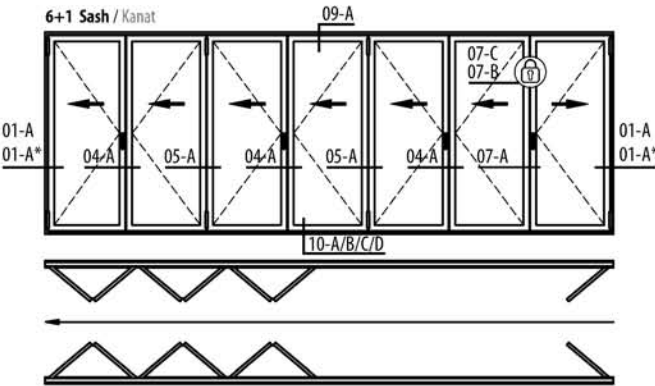
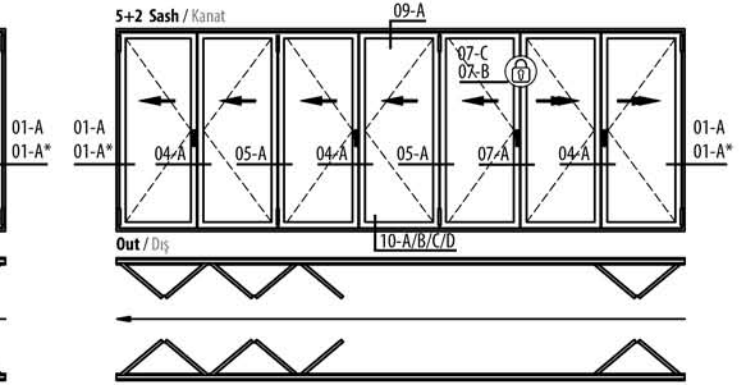
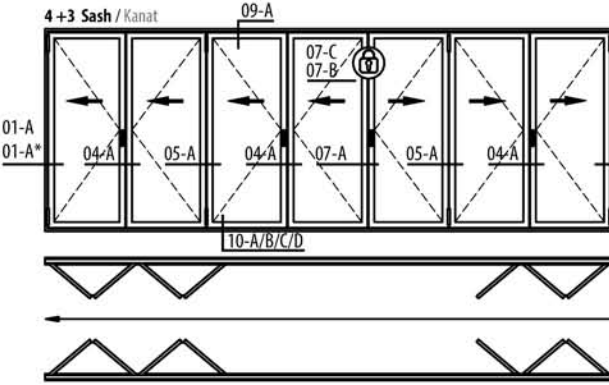
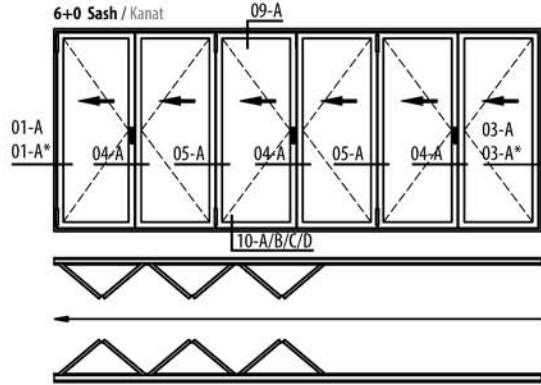
5 SASH / KANAT



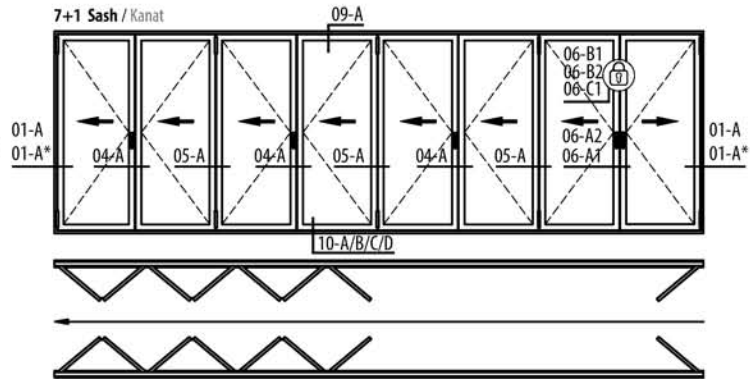
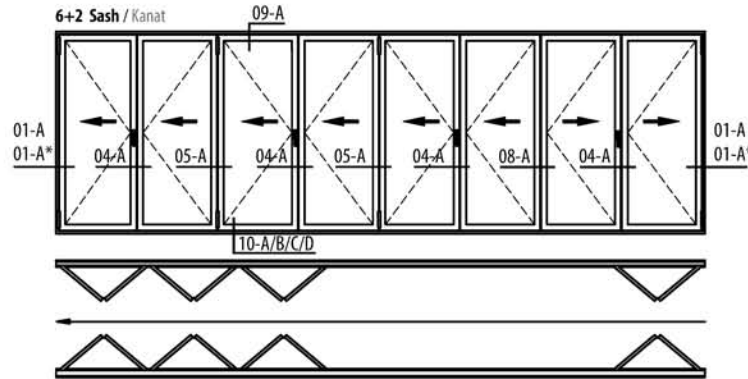
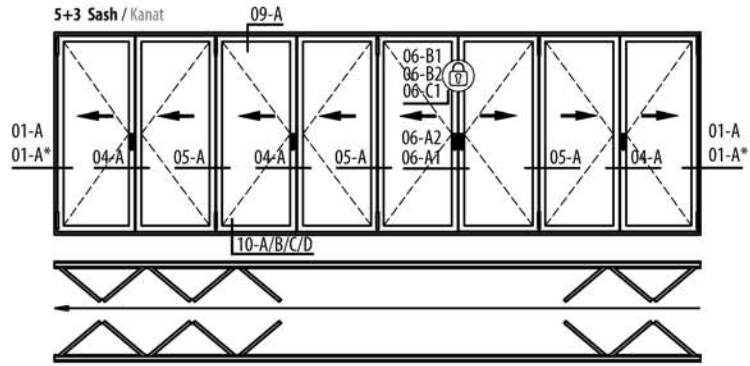
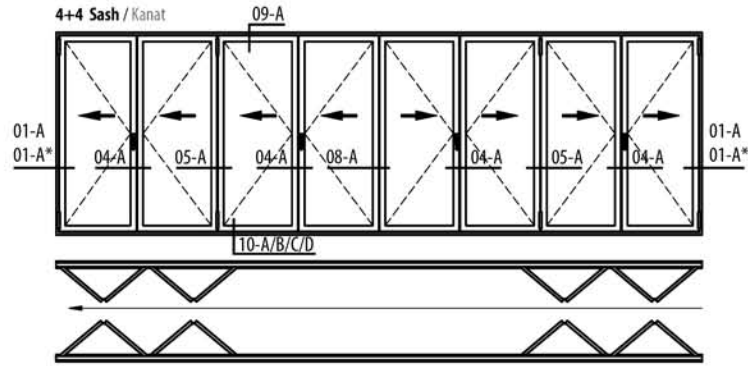
6 SASH / KANAT



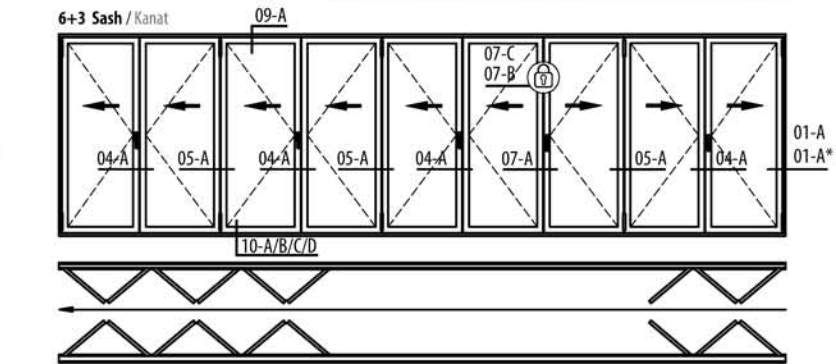
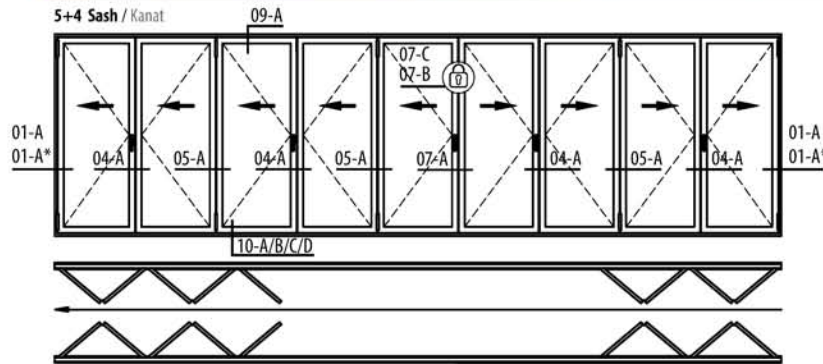
6 SASH / KANAT



8 SASH / KANAT

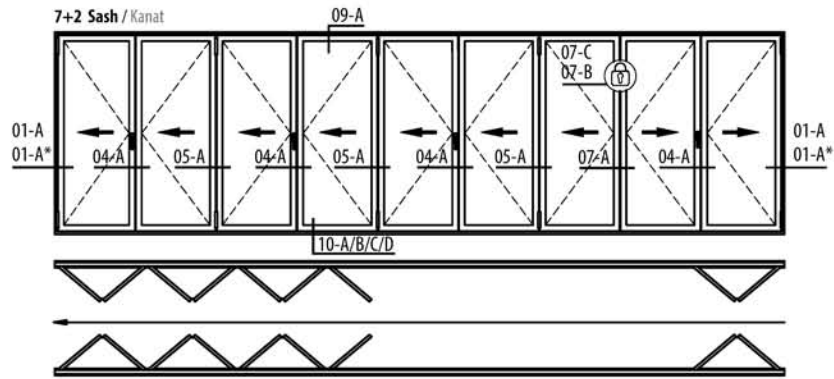


9 SASH / KANAT

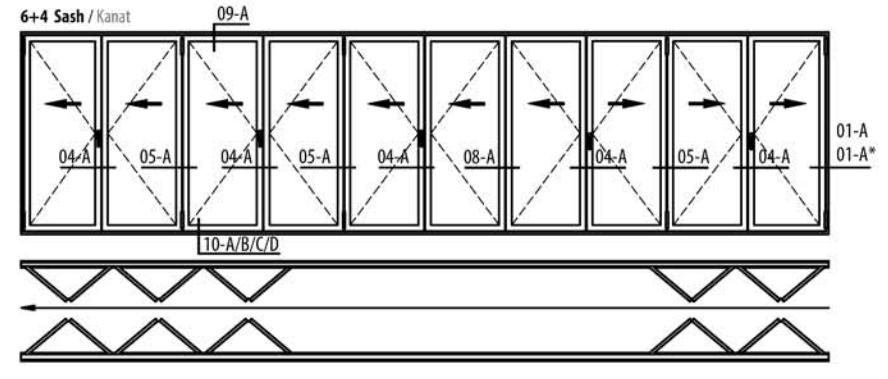


 Security lock applicable
Güvenlik kilidi

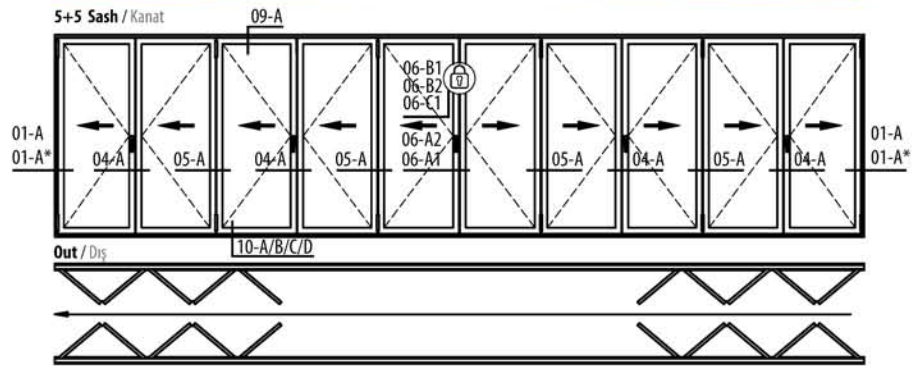
9 SASH / KANAT



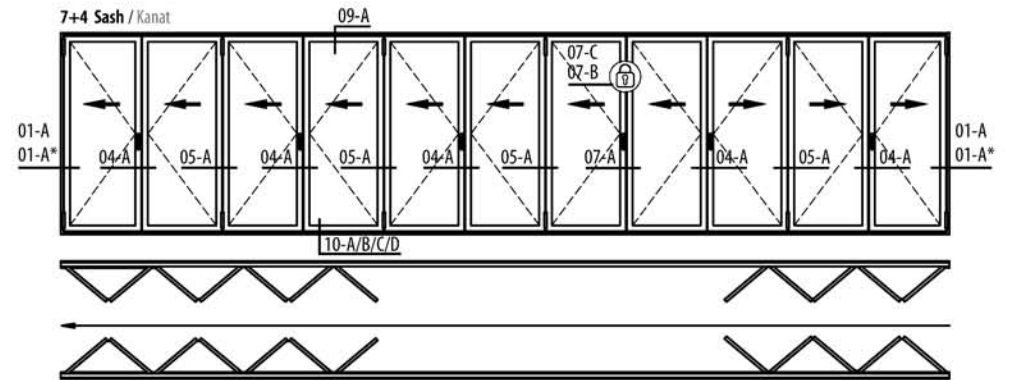
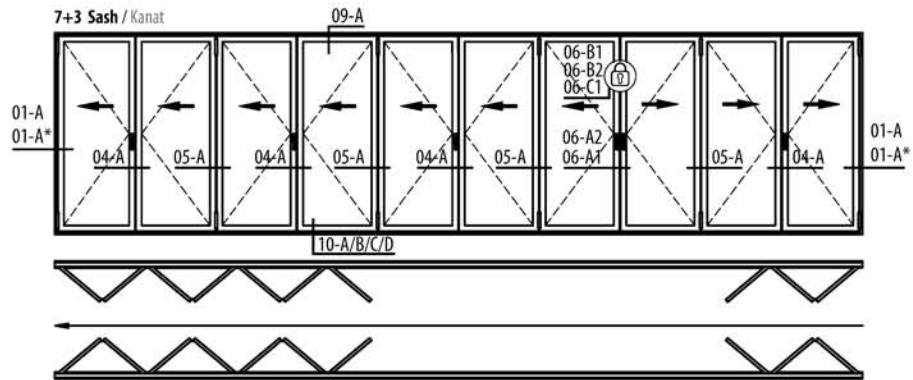
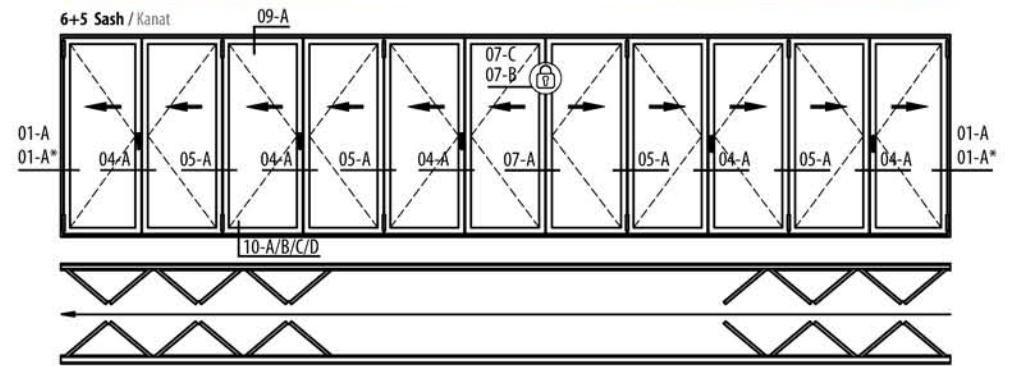
10 SASH / KANAT



10 SASH / KANAT

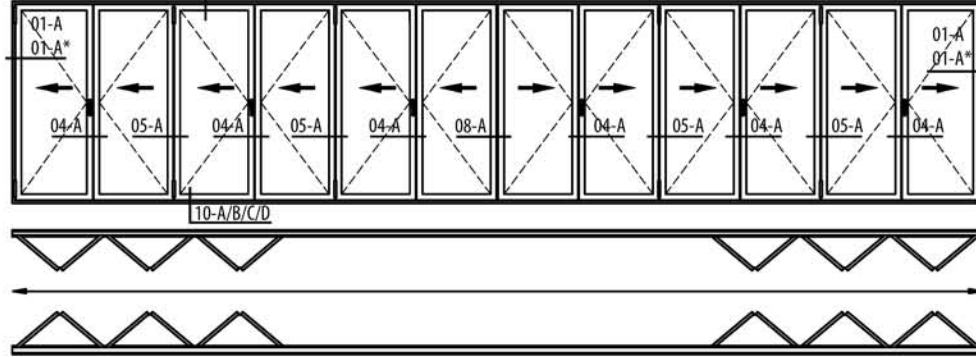


11 SASH / KANAT

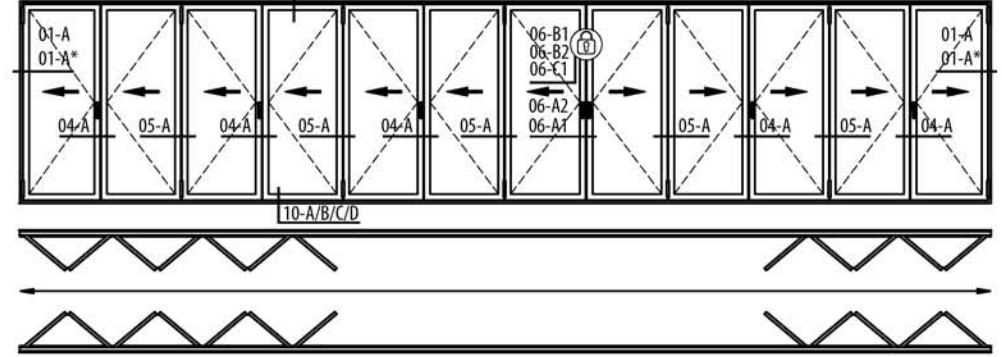


12 SASH / KANAT

6+6 Sash / Kanat

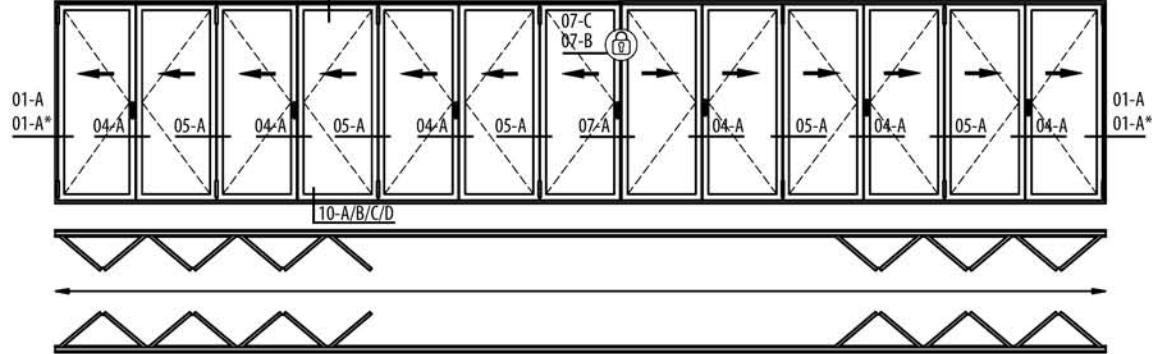


7+5 Sash / Kanat

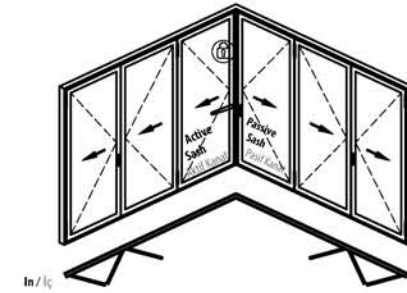


13 SASH / KANAT

7+6 Sash / Kanat

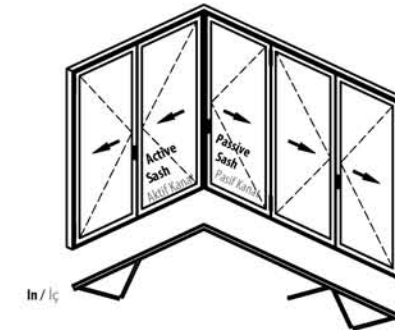
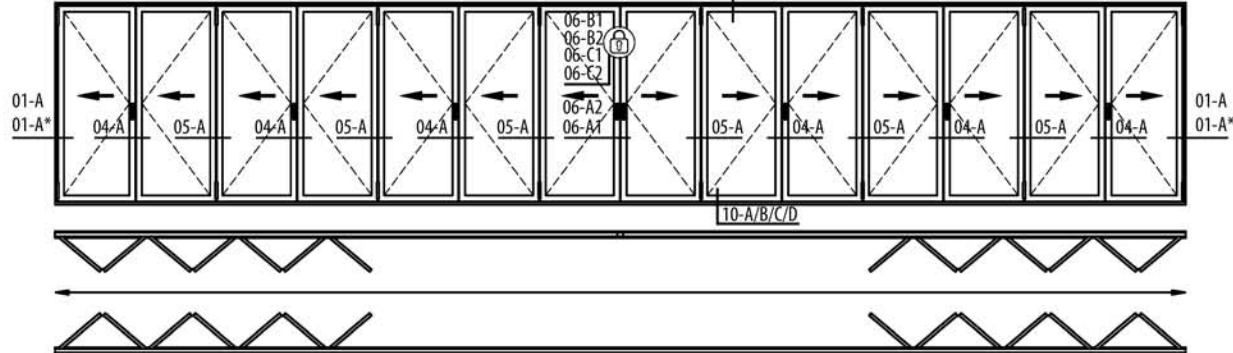


CORNER / KÖŞE

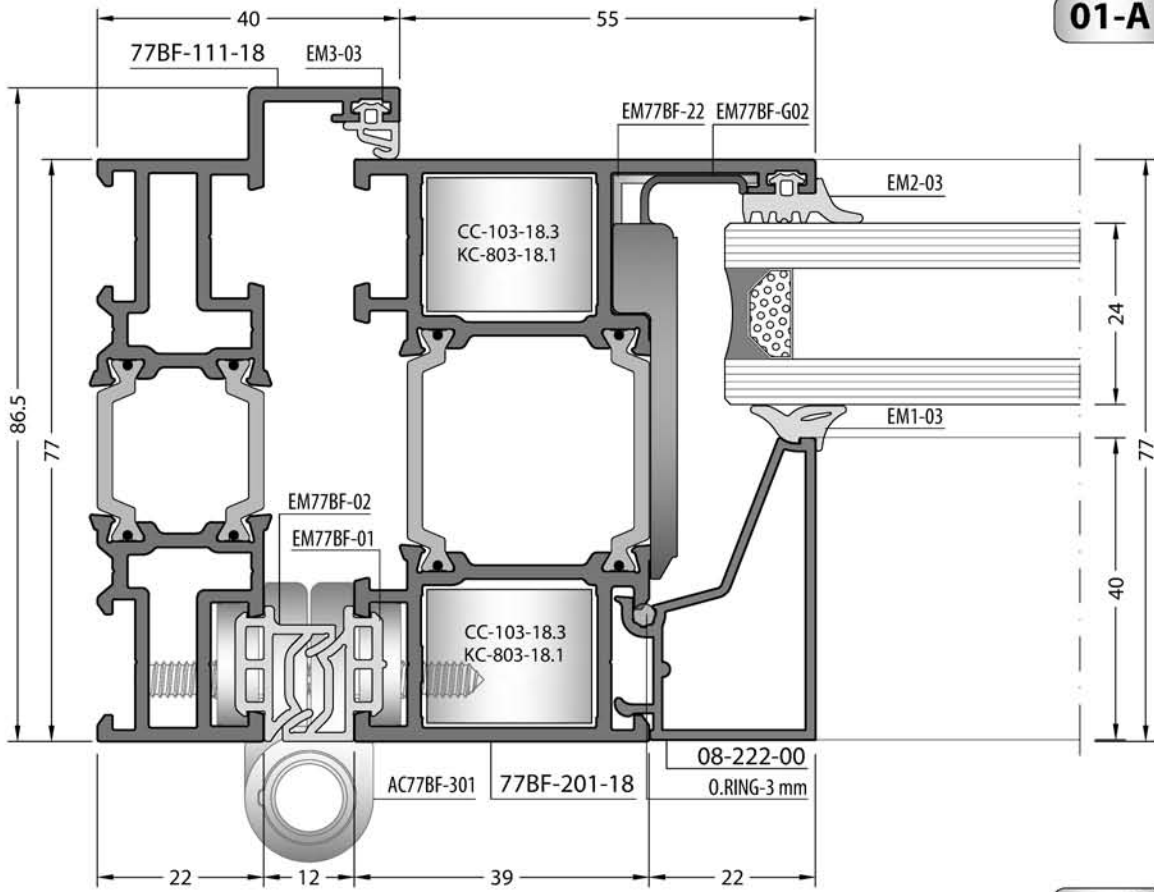


14 SASH / KANAT

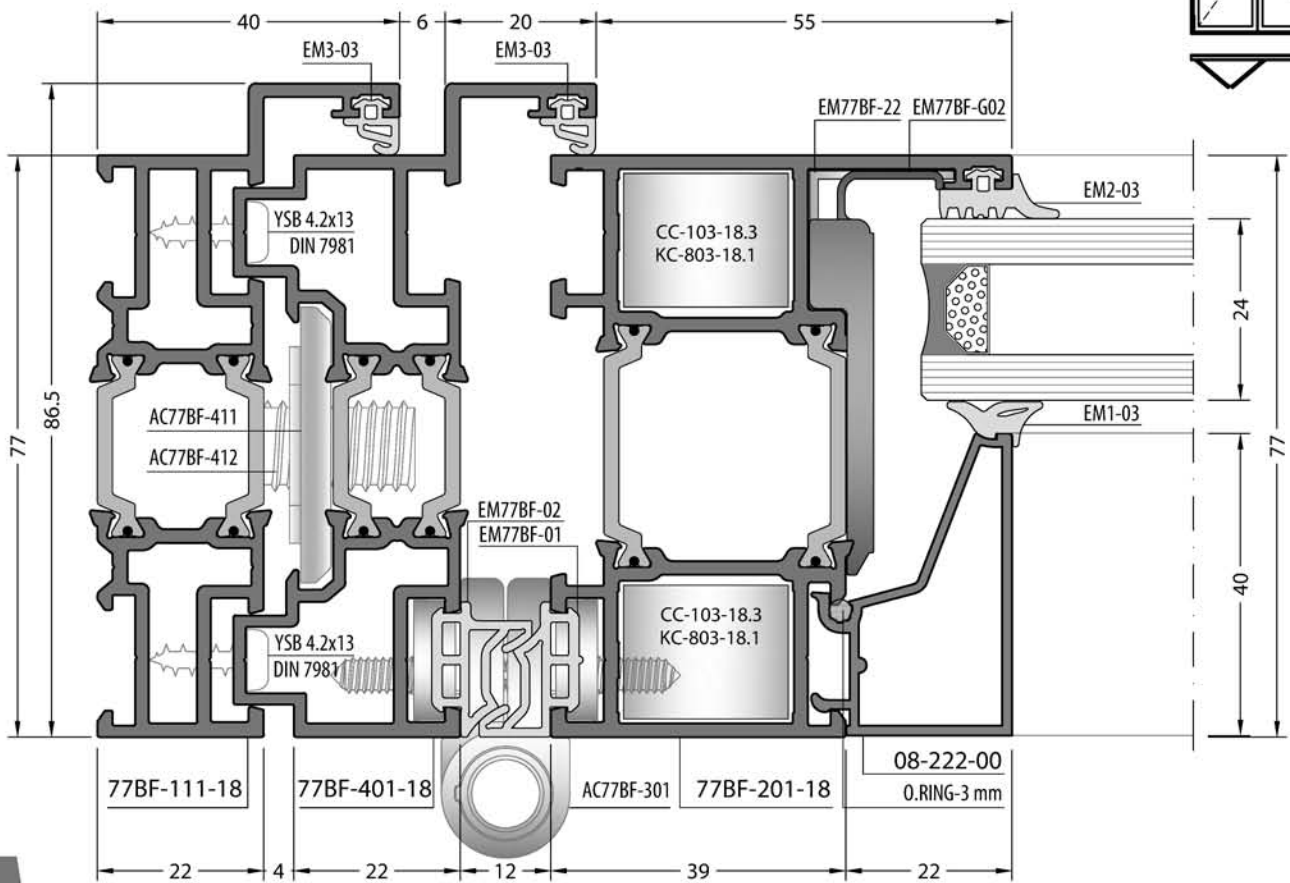
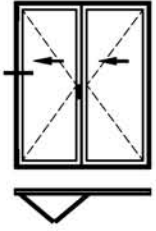
7+7 Sash / Kanat



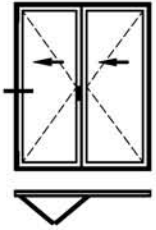
Security lock applicable
Güvenlik kilidi



01-A

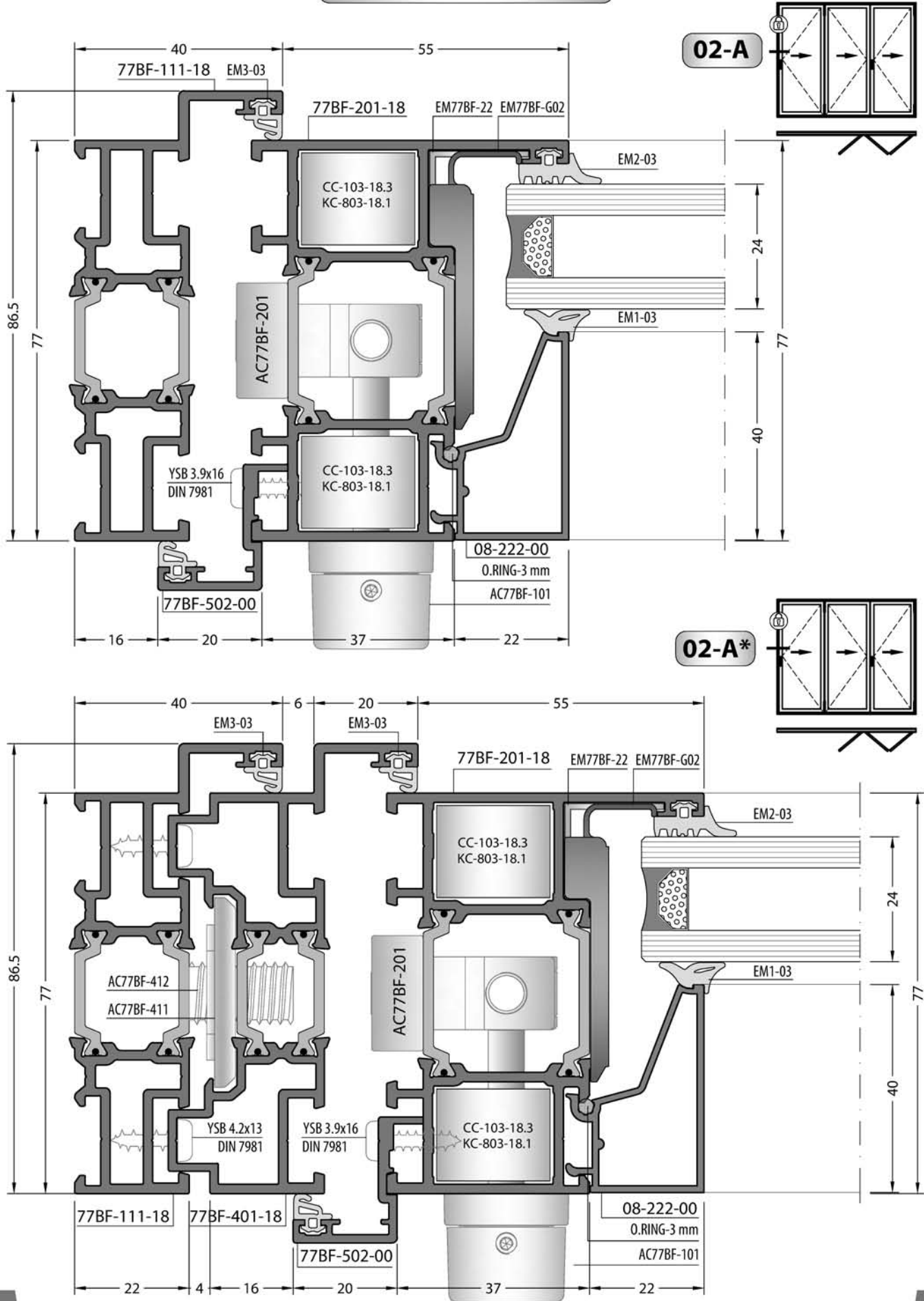


01-A*

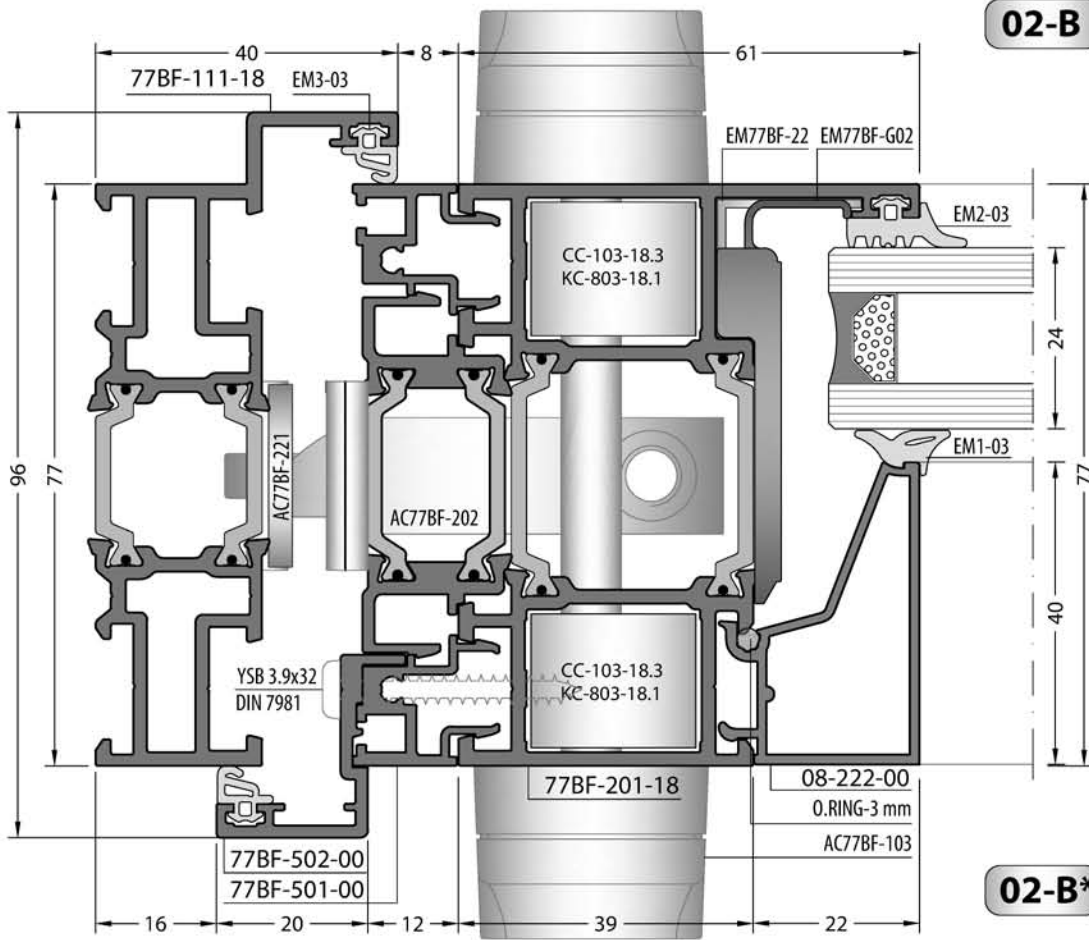


Frame Connection 90° / Kasa Birleşim 90°

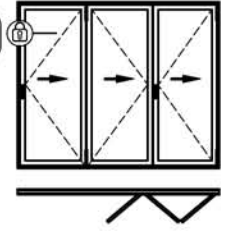
Inward Opening / İçe Açılır



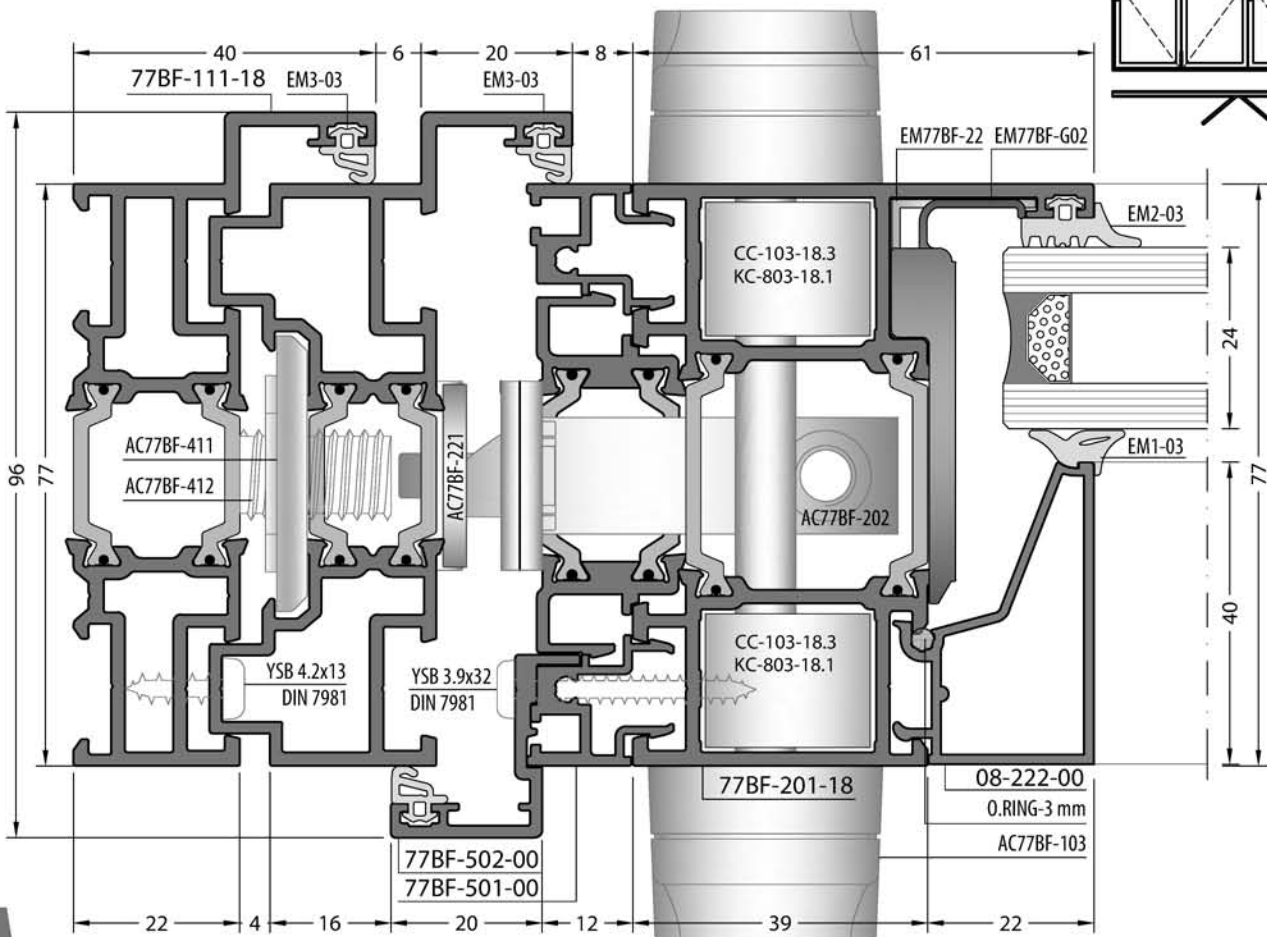
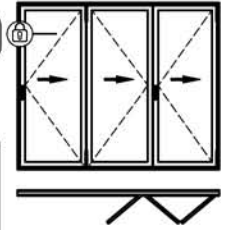
Frame Connection 90° / Kasa Birleşim 90°



02-B

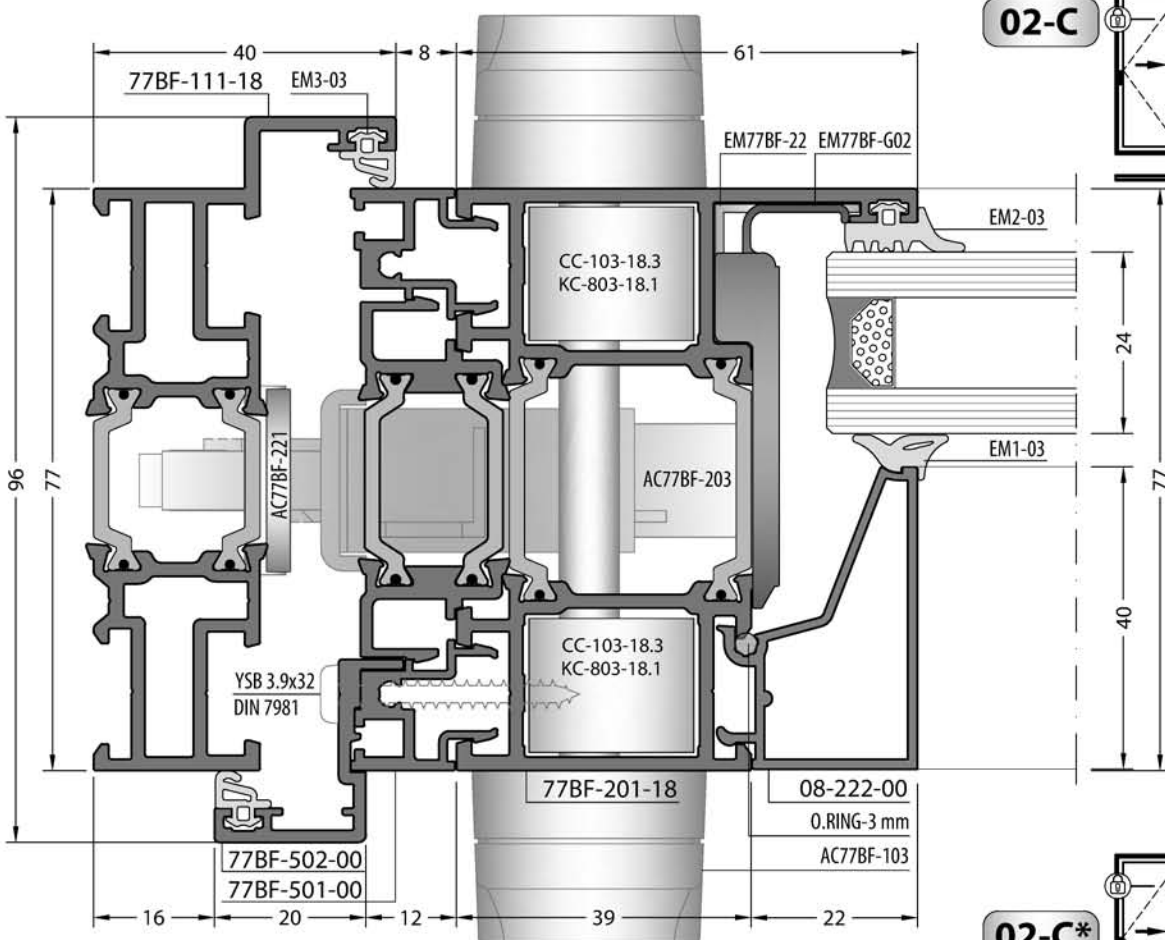
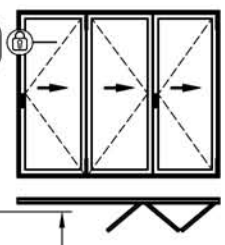


02-B*

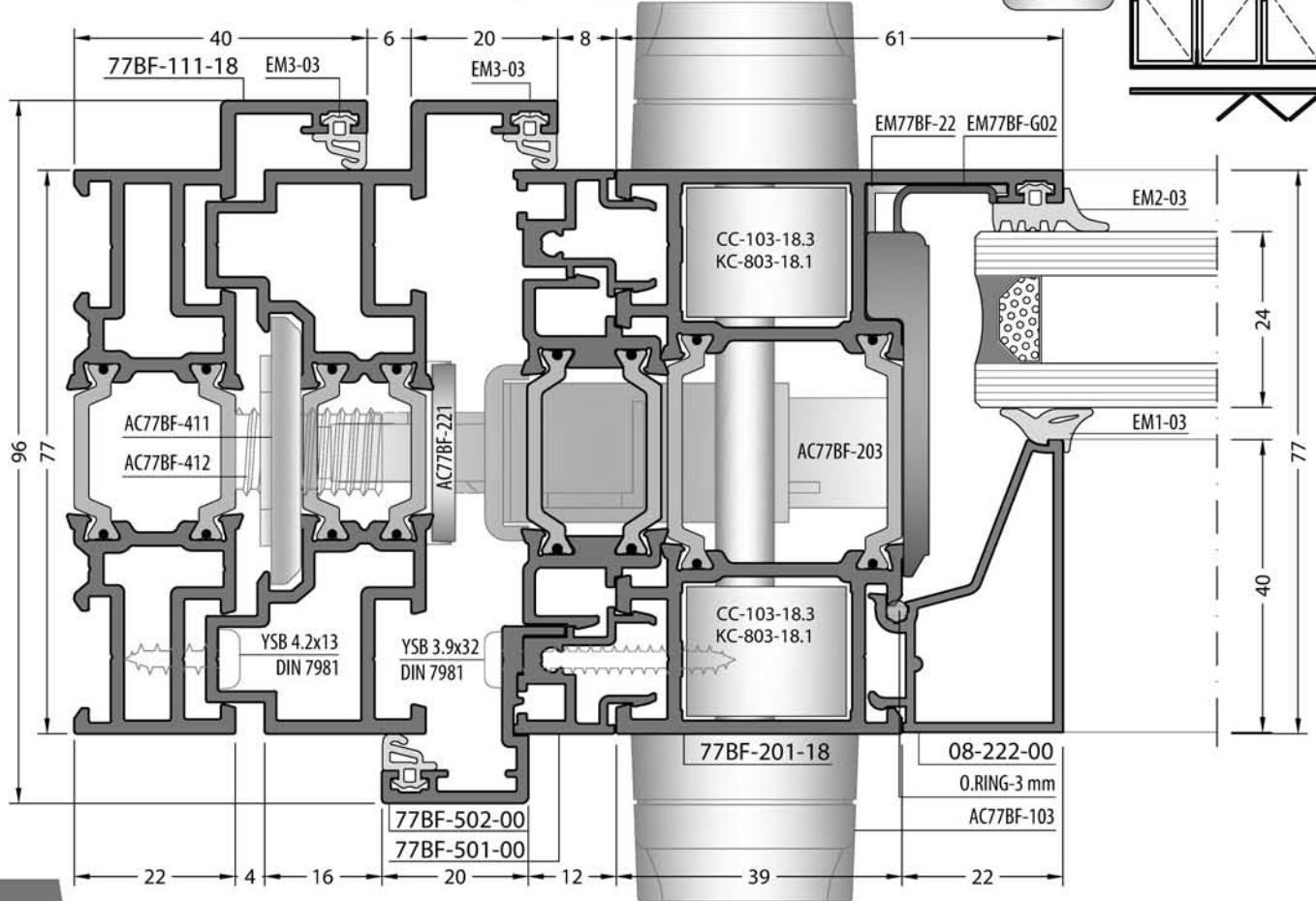
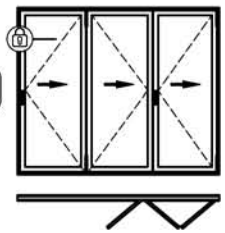


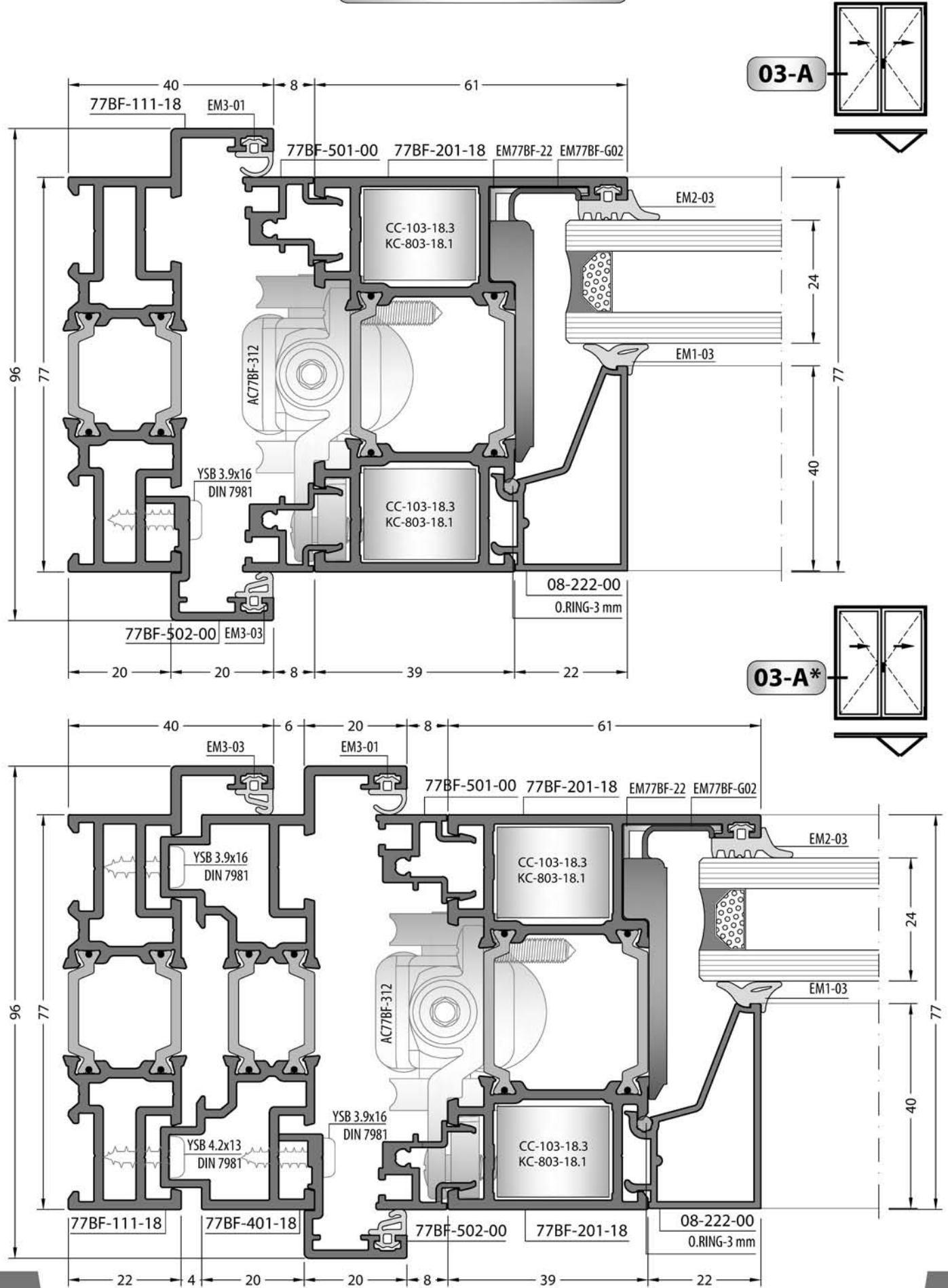
Frame Connection 90° / Kasa Birleşim 90°

02-C



02-C*

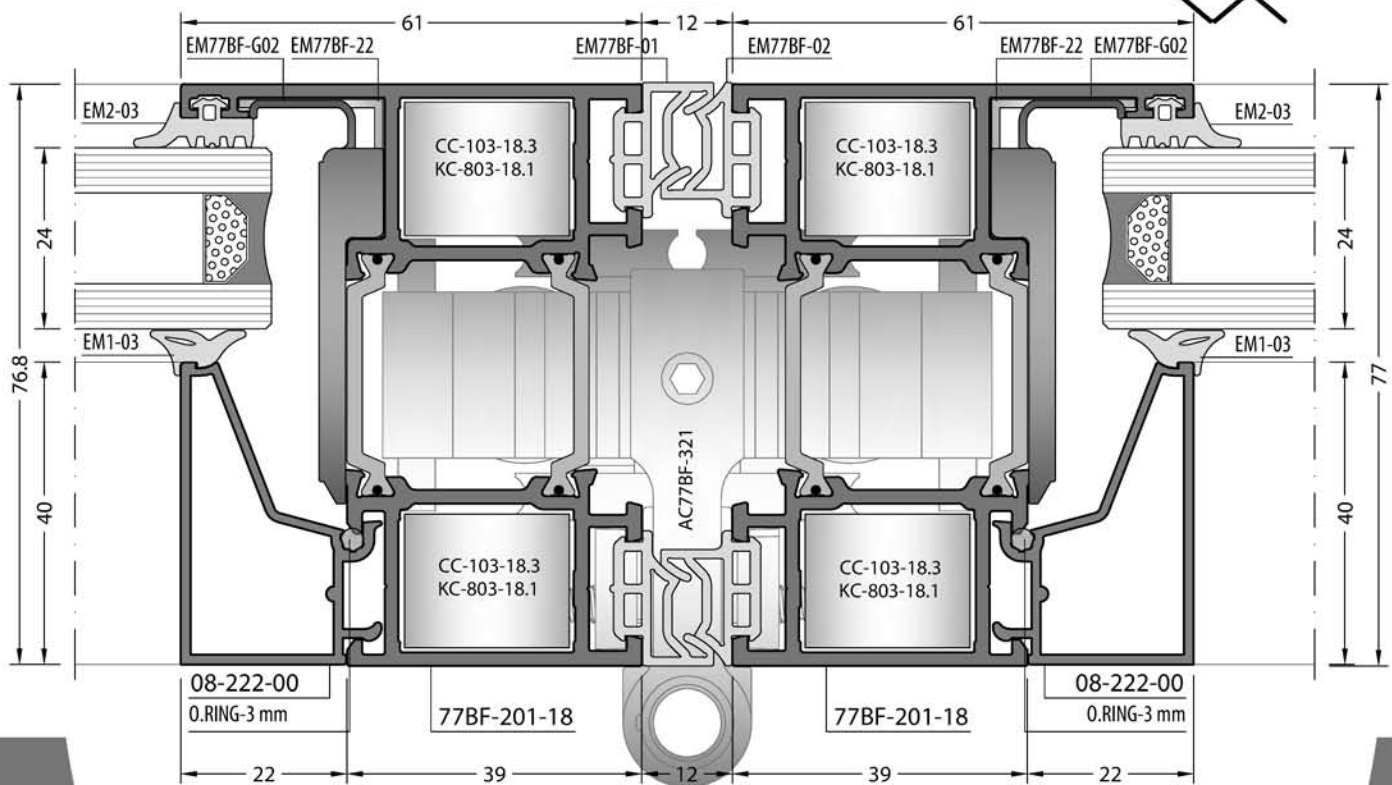
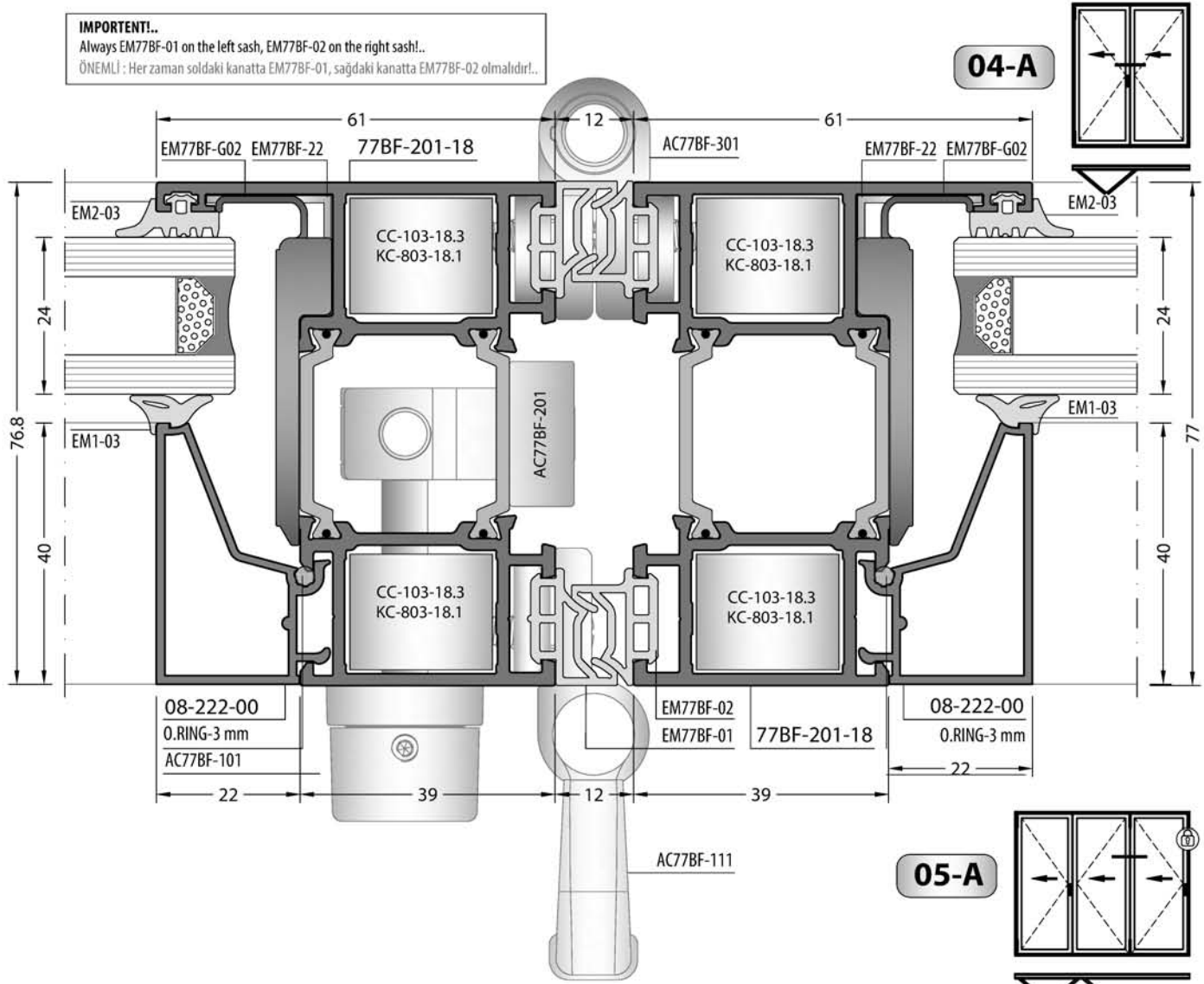




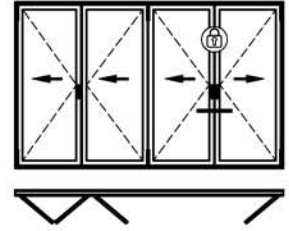
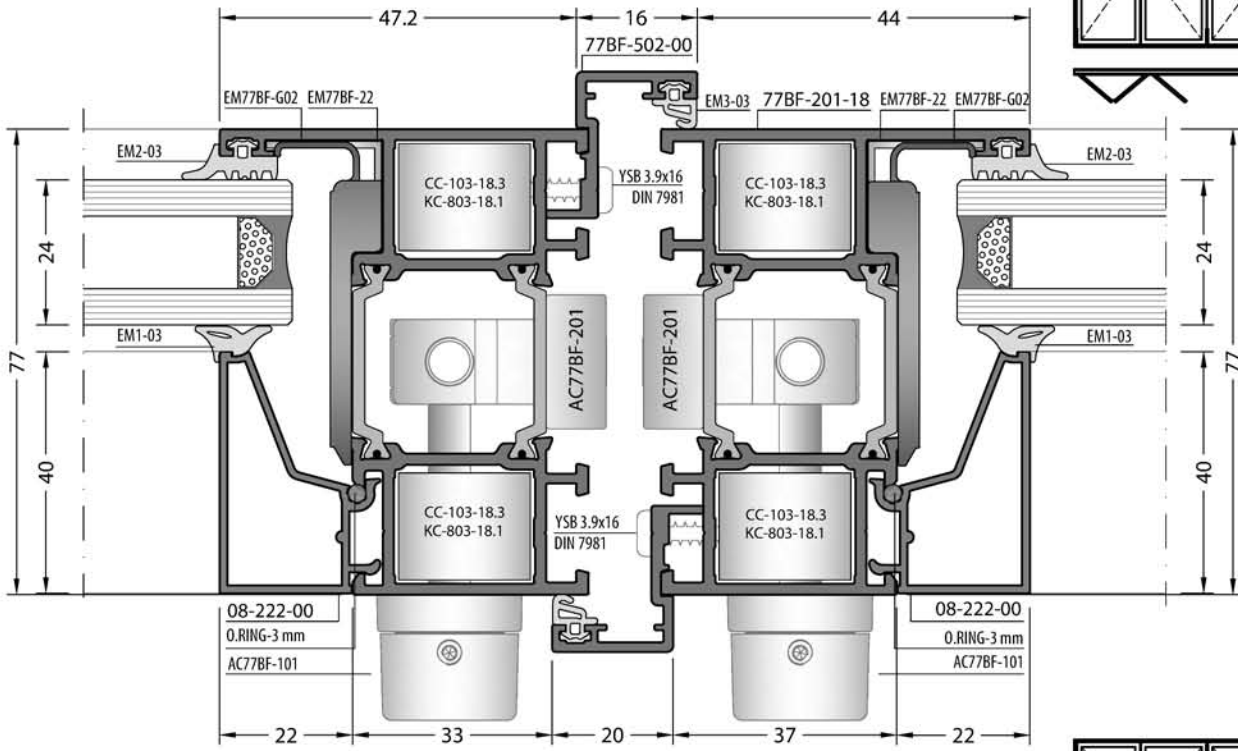
İMPÖRTANT!..

Always EM77BF-01 on the left sash, EM77BF-02 on the right sash!..

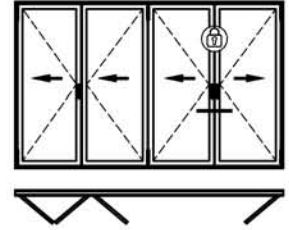
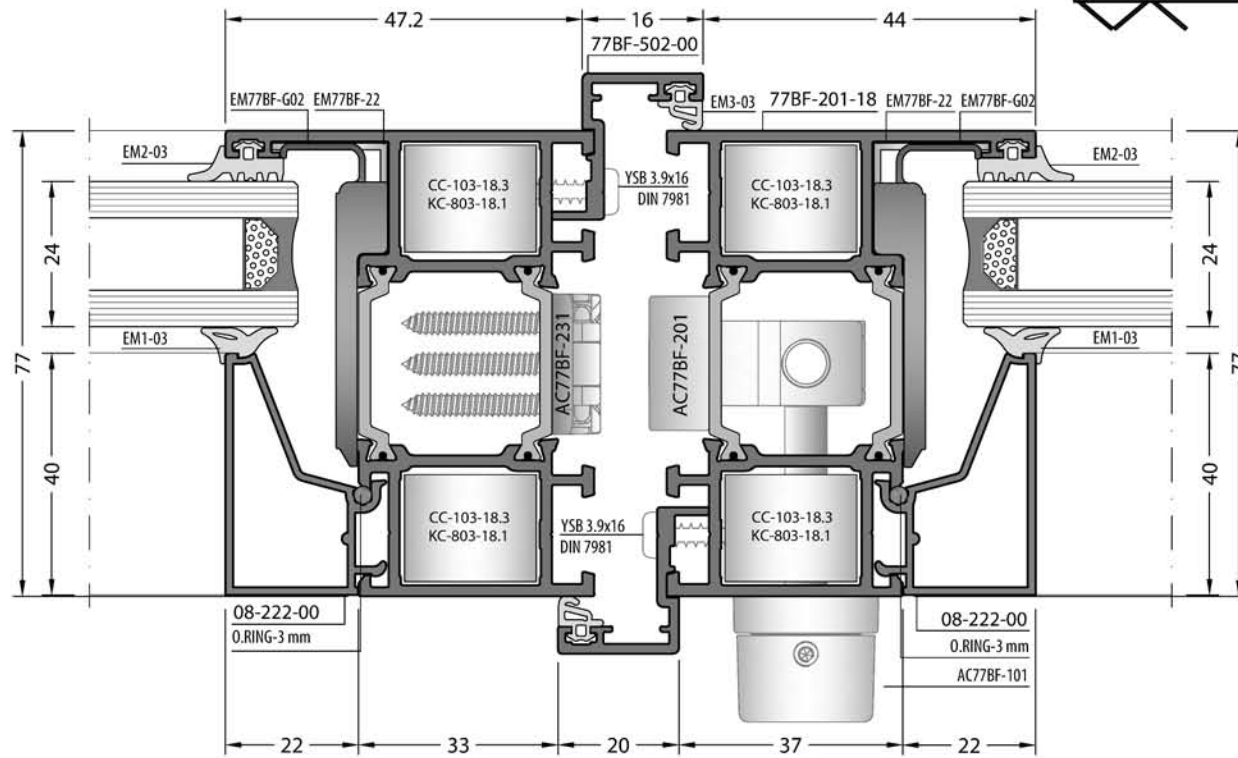
ÖNEMLİ : Her zaman soldaki kanatta EM77BF-01, sağdaki kanatta EM77BF-02 olmalıdır!..



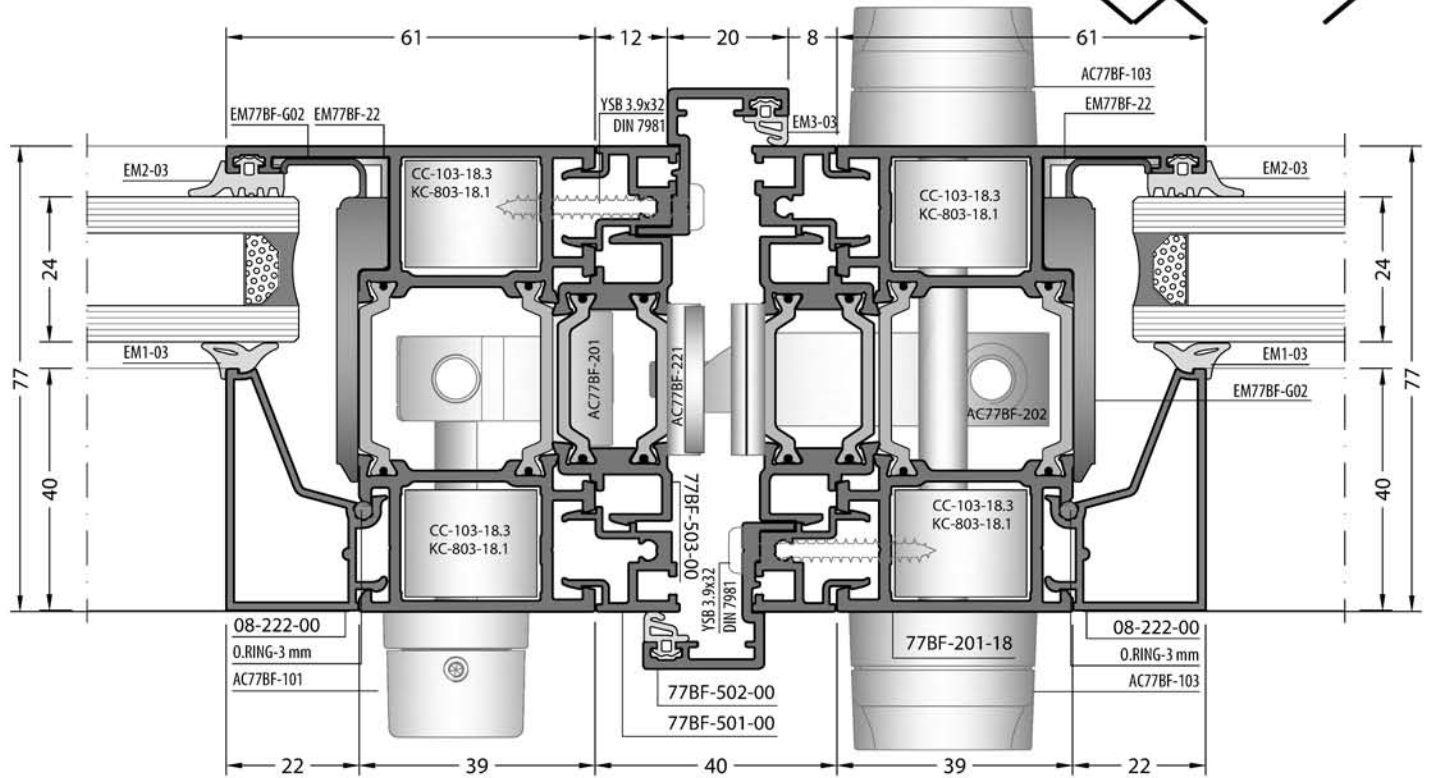
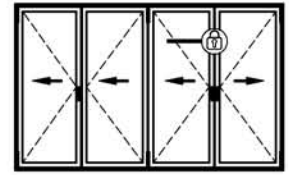
06-A1



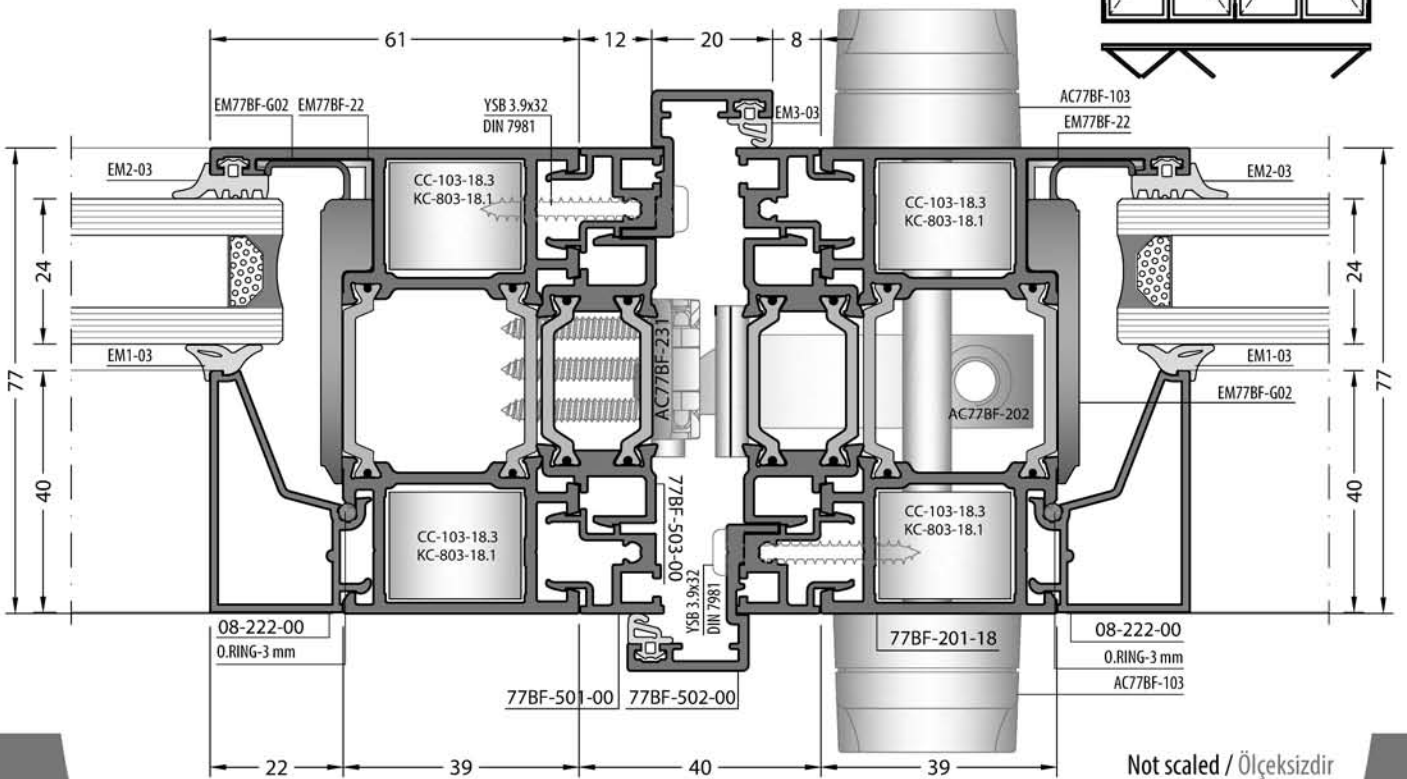
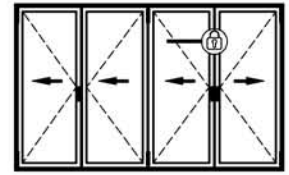
06-A2



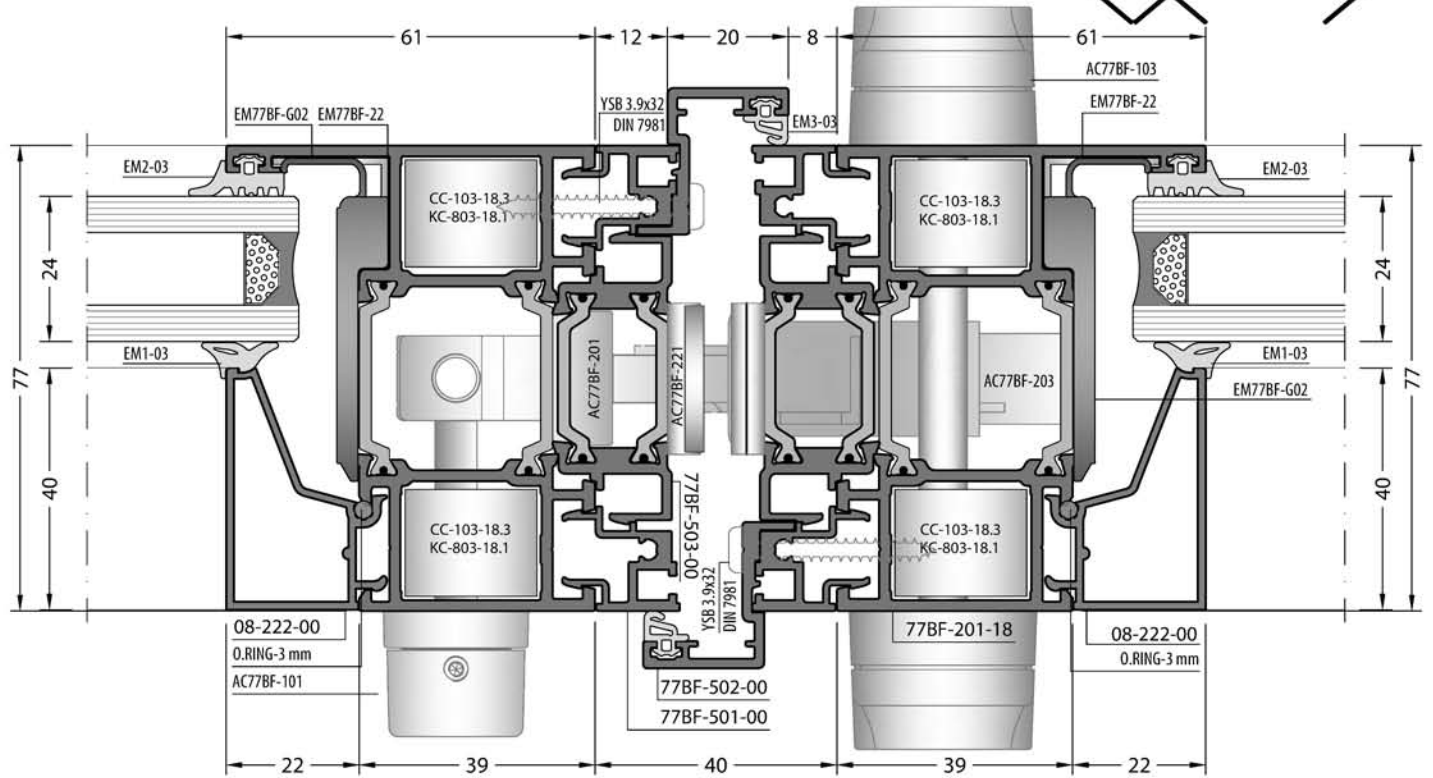
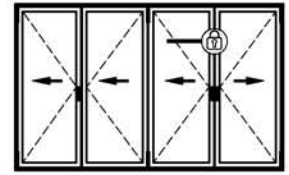
06-B1



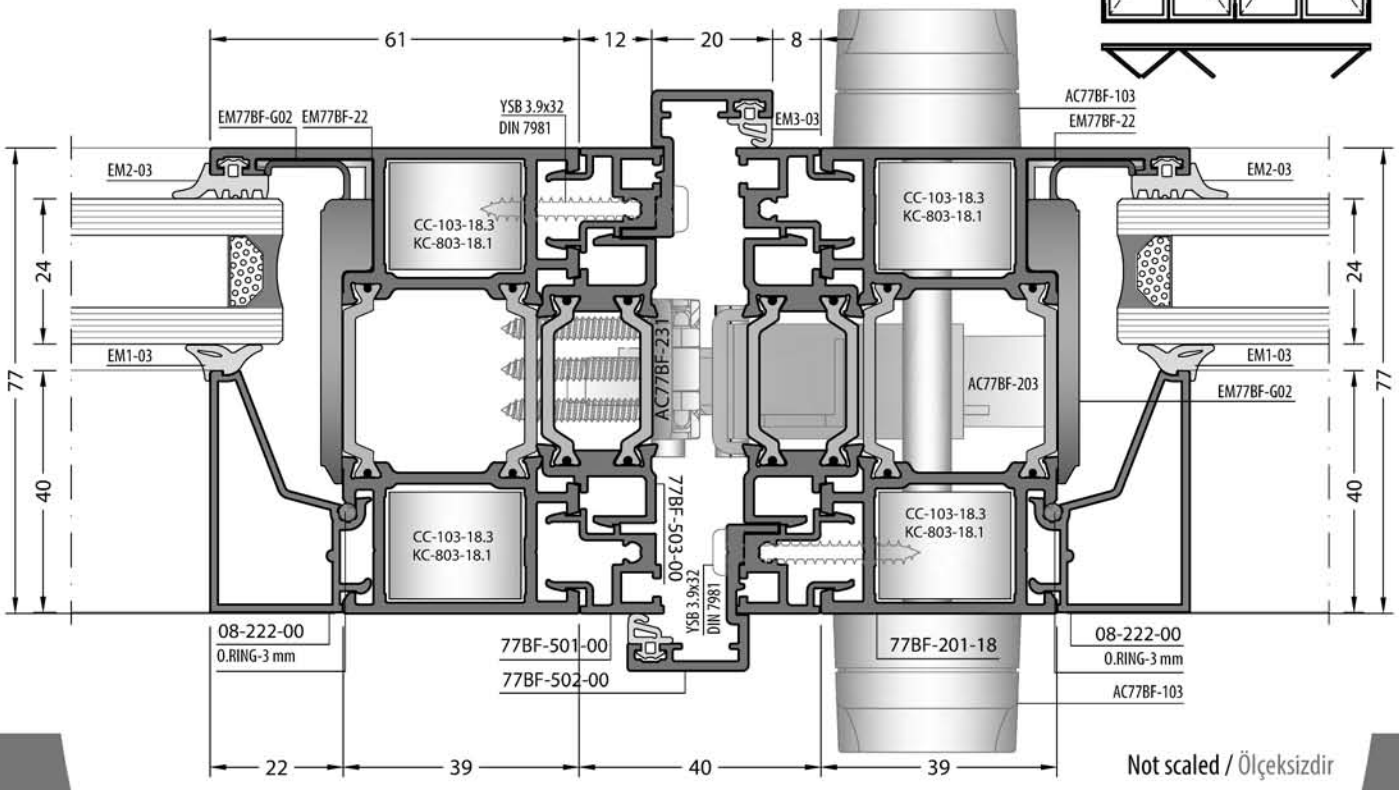
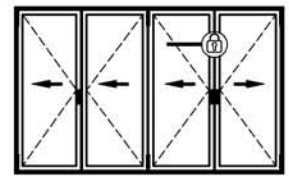
06-B2



06-C1

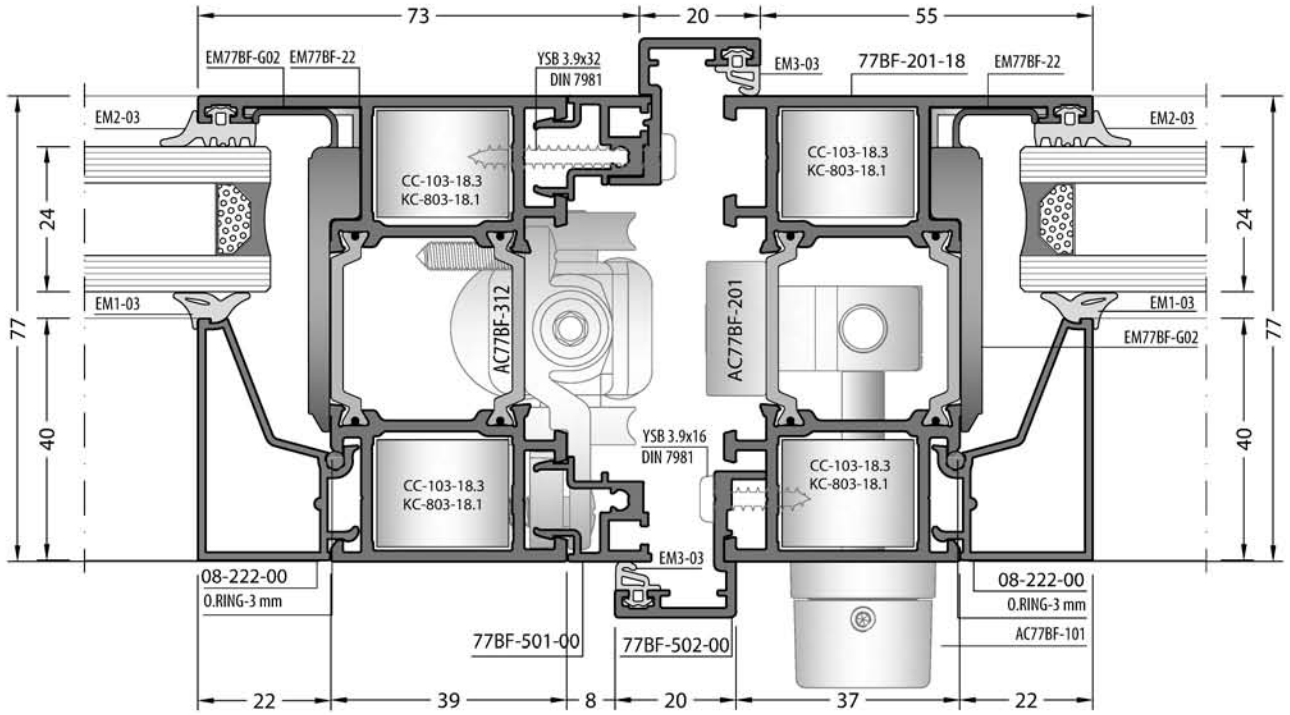
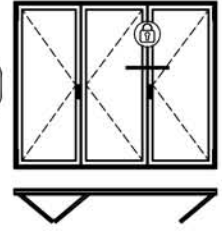


06-C2

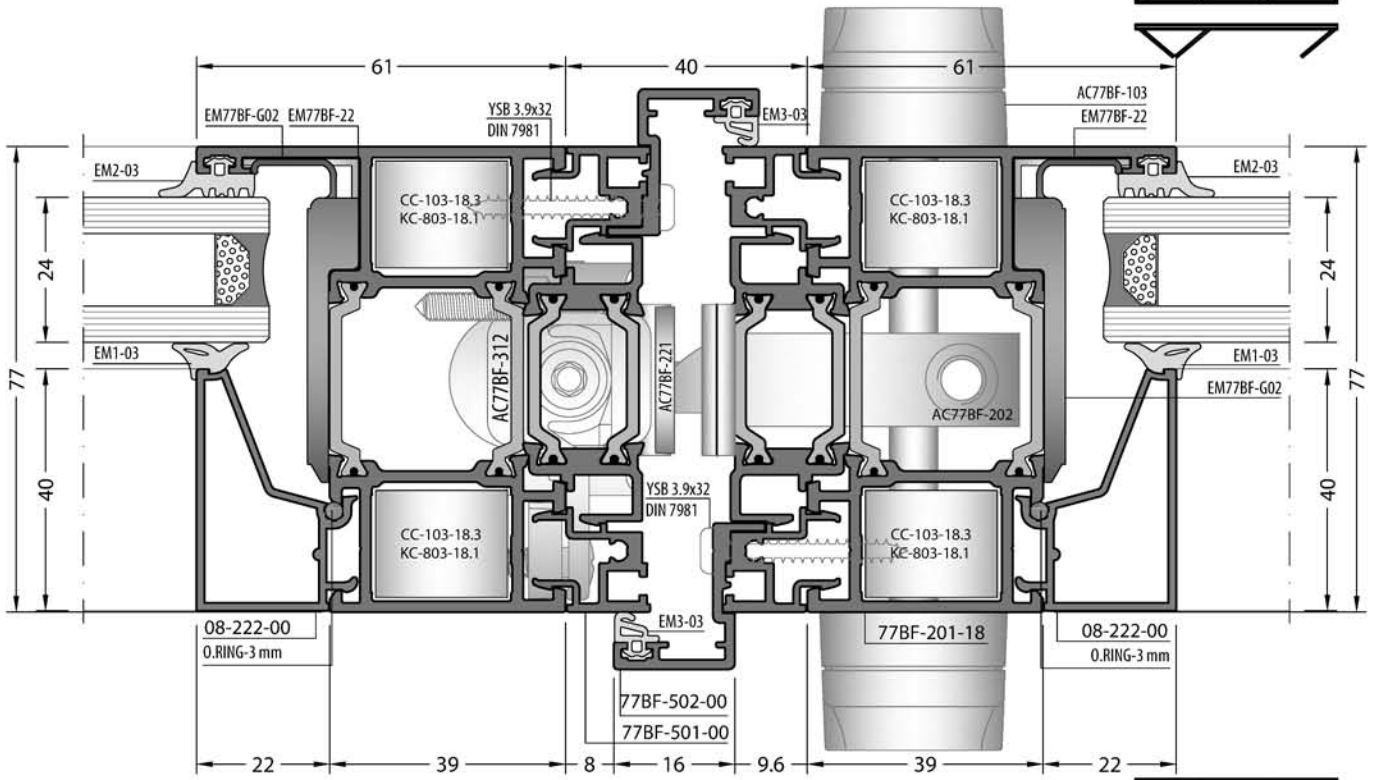


Not scaled / Ölçeksizdir

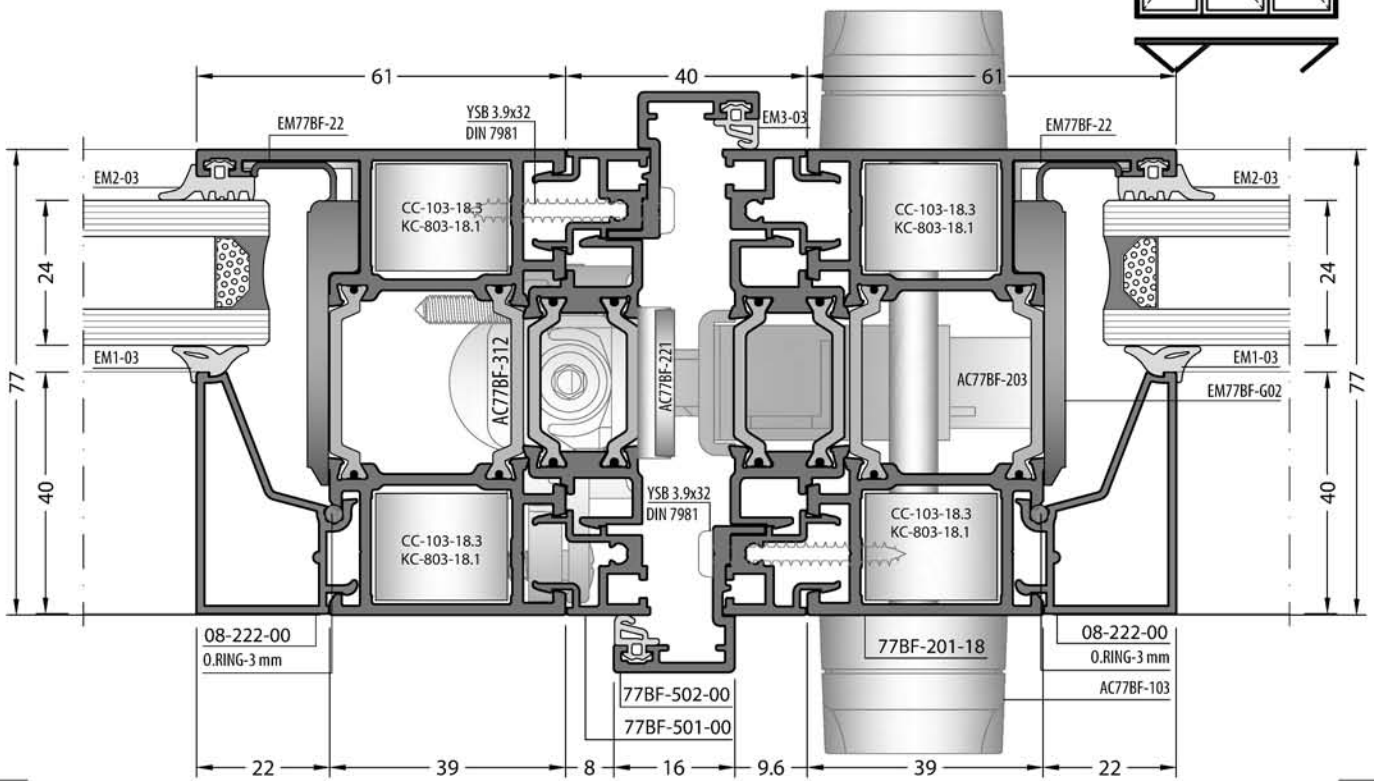
07-A



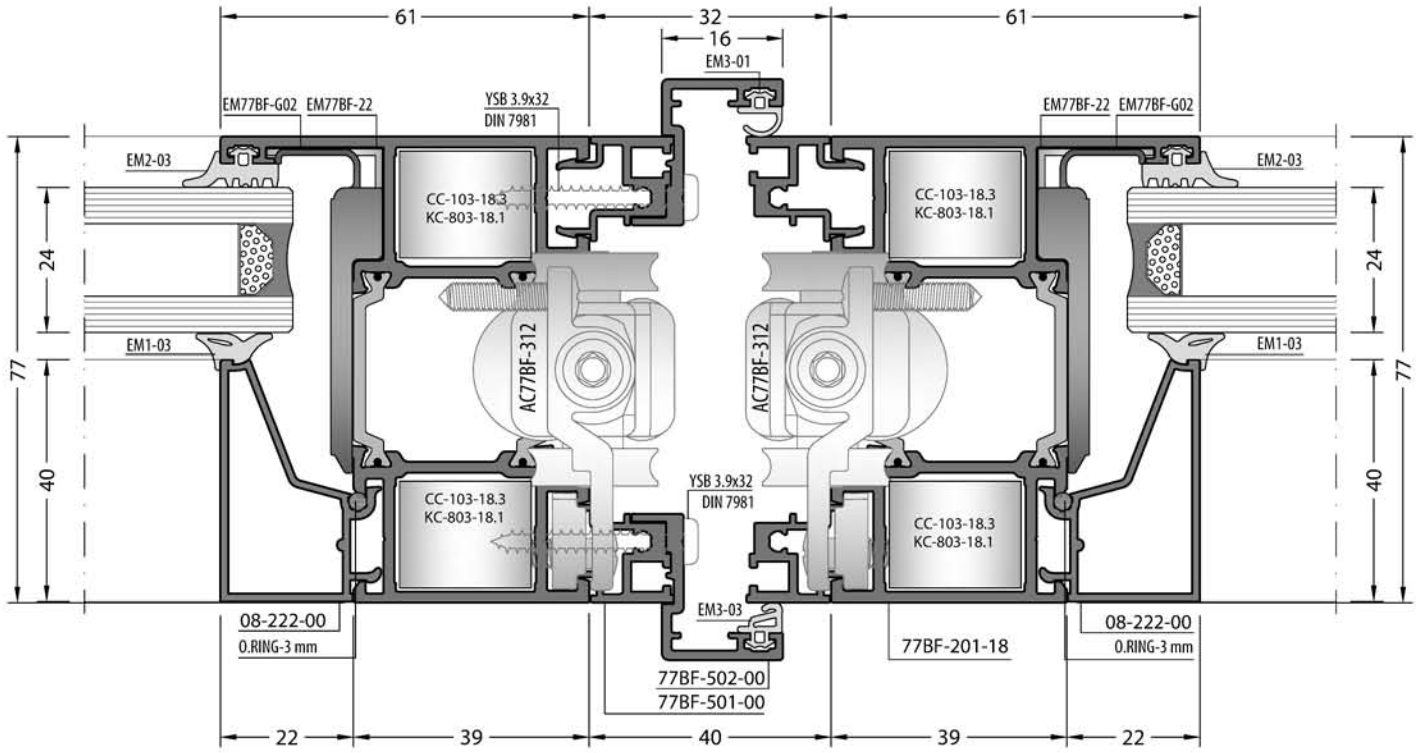
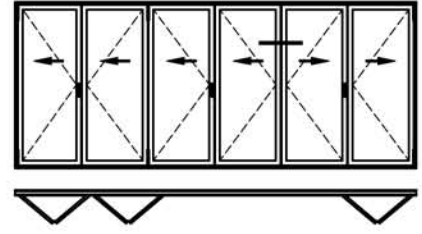
07-B



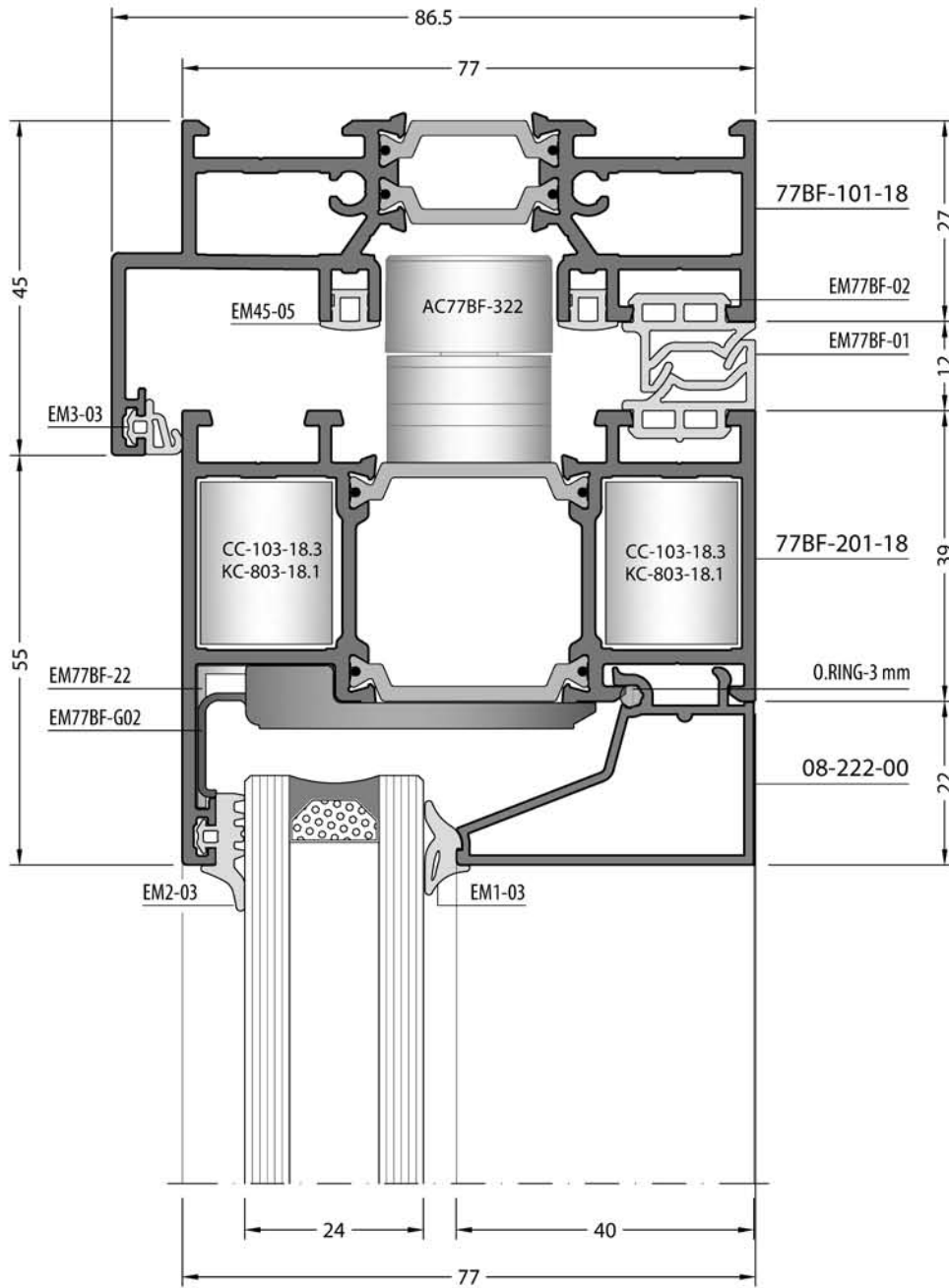
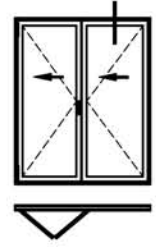
07-C



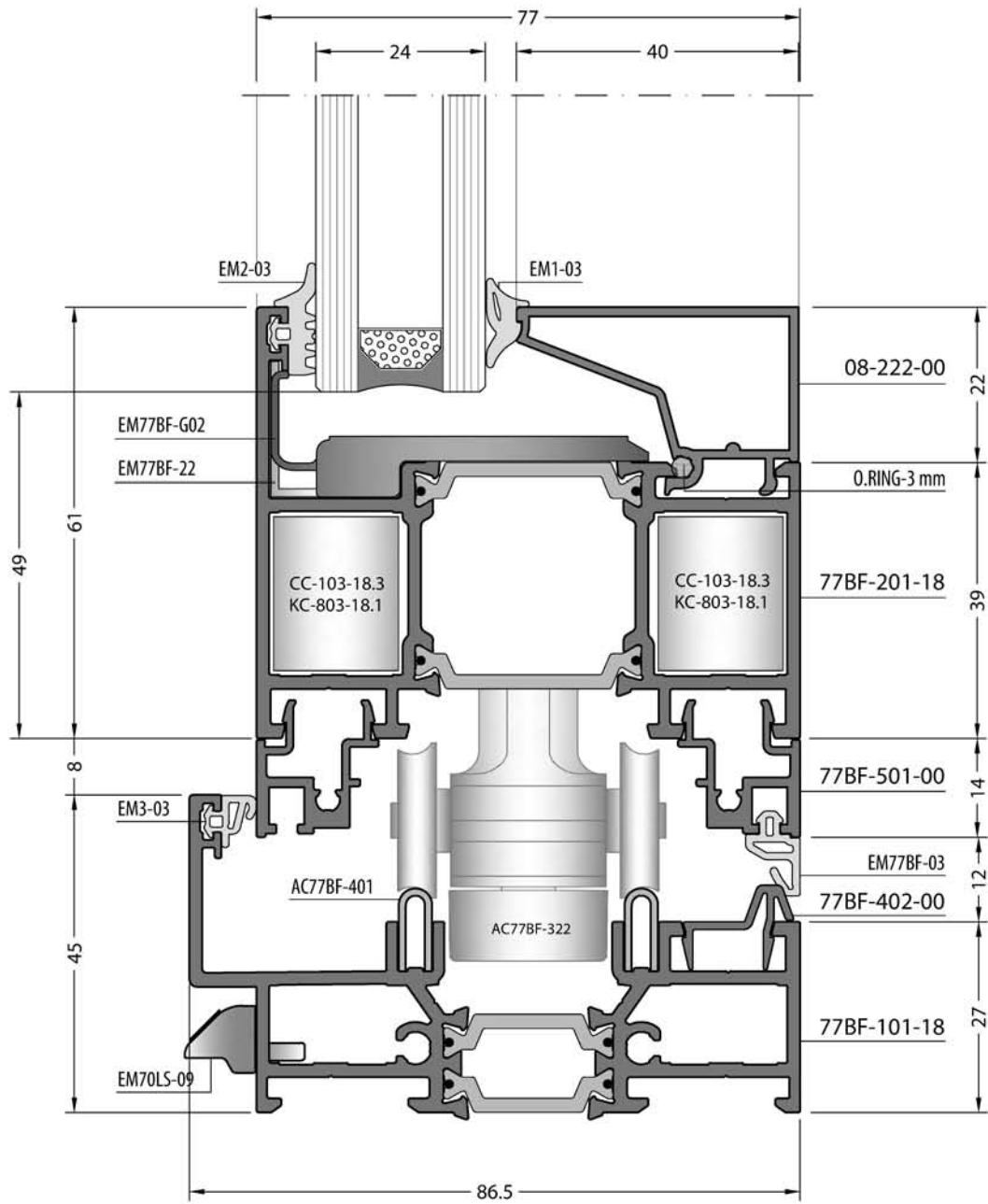
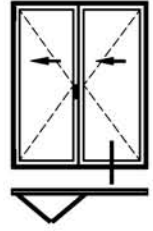
08-A



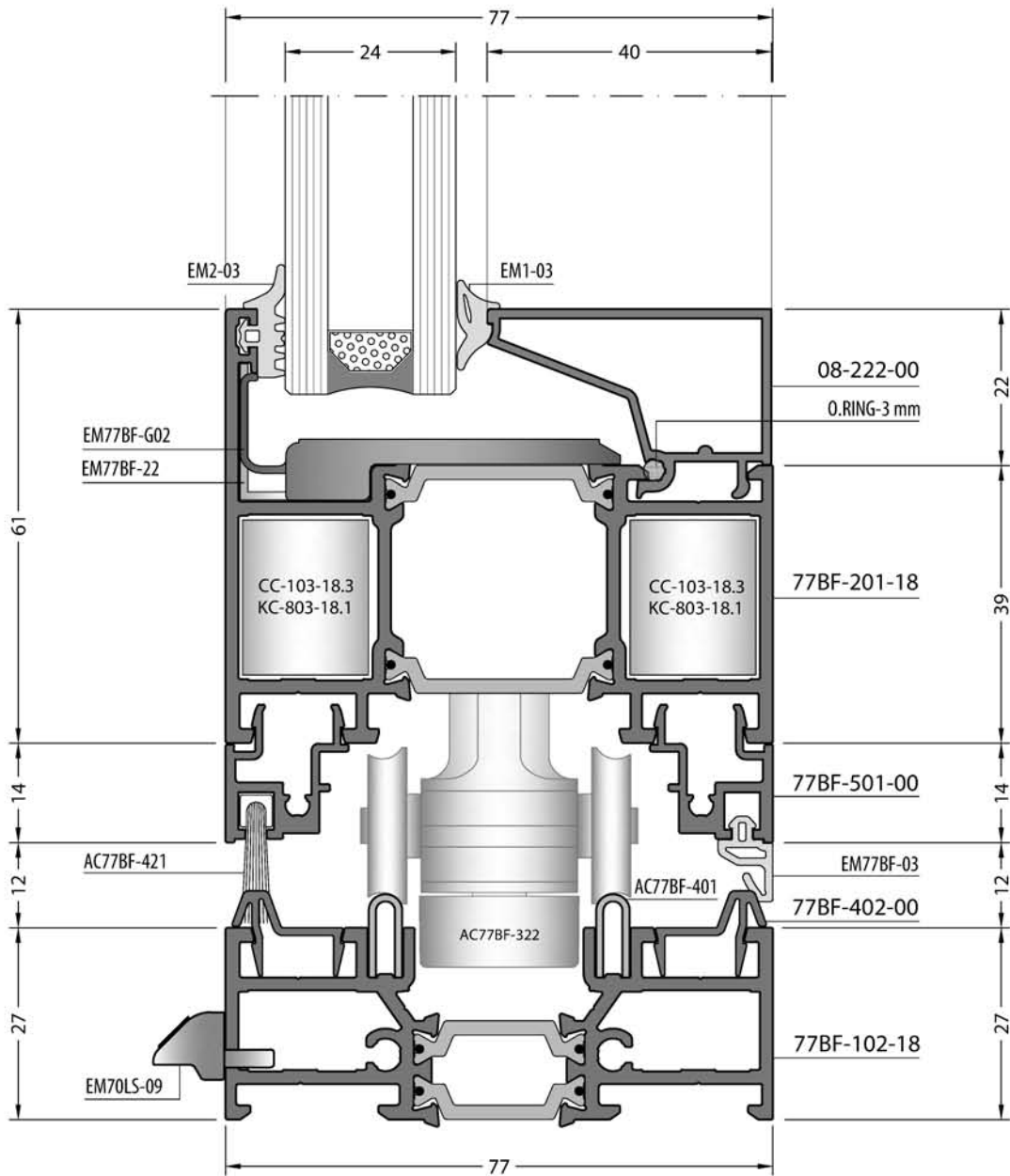
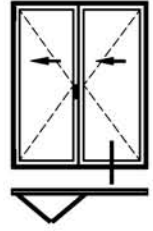
09-A



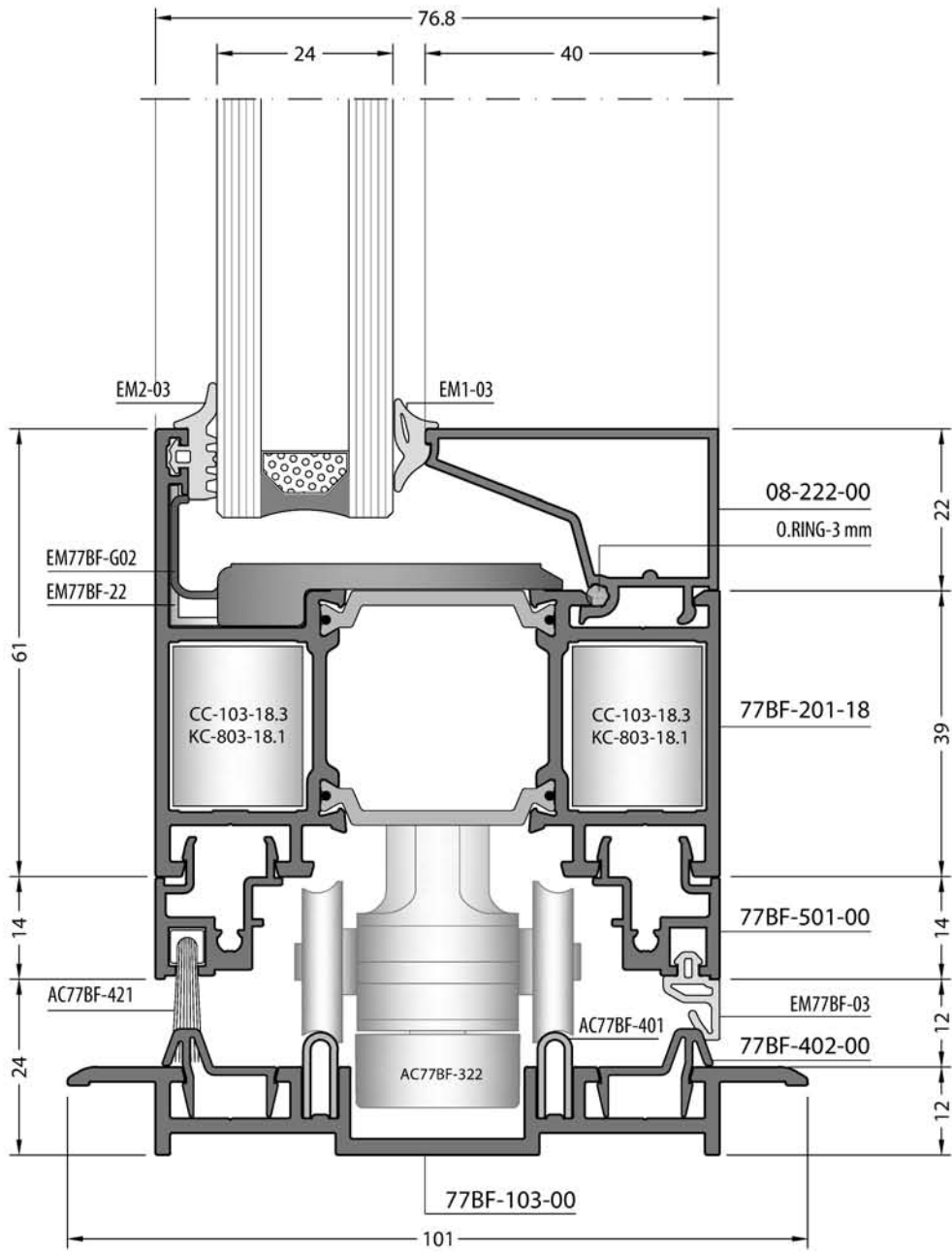
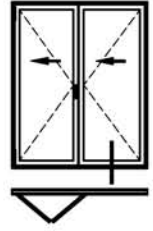
10-A



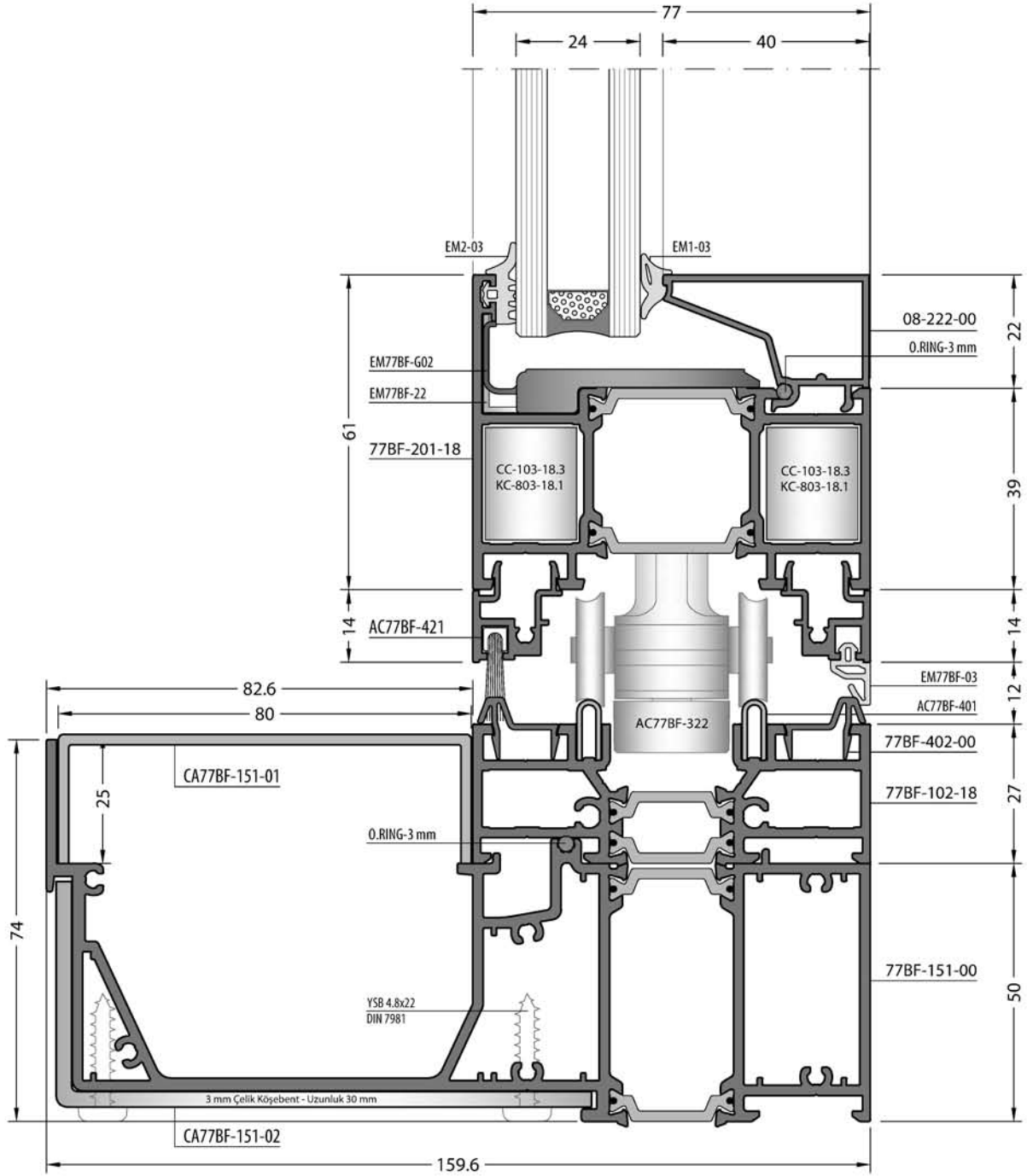
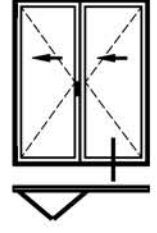
10-B

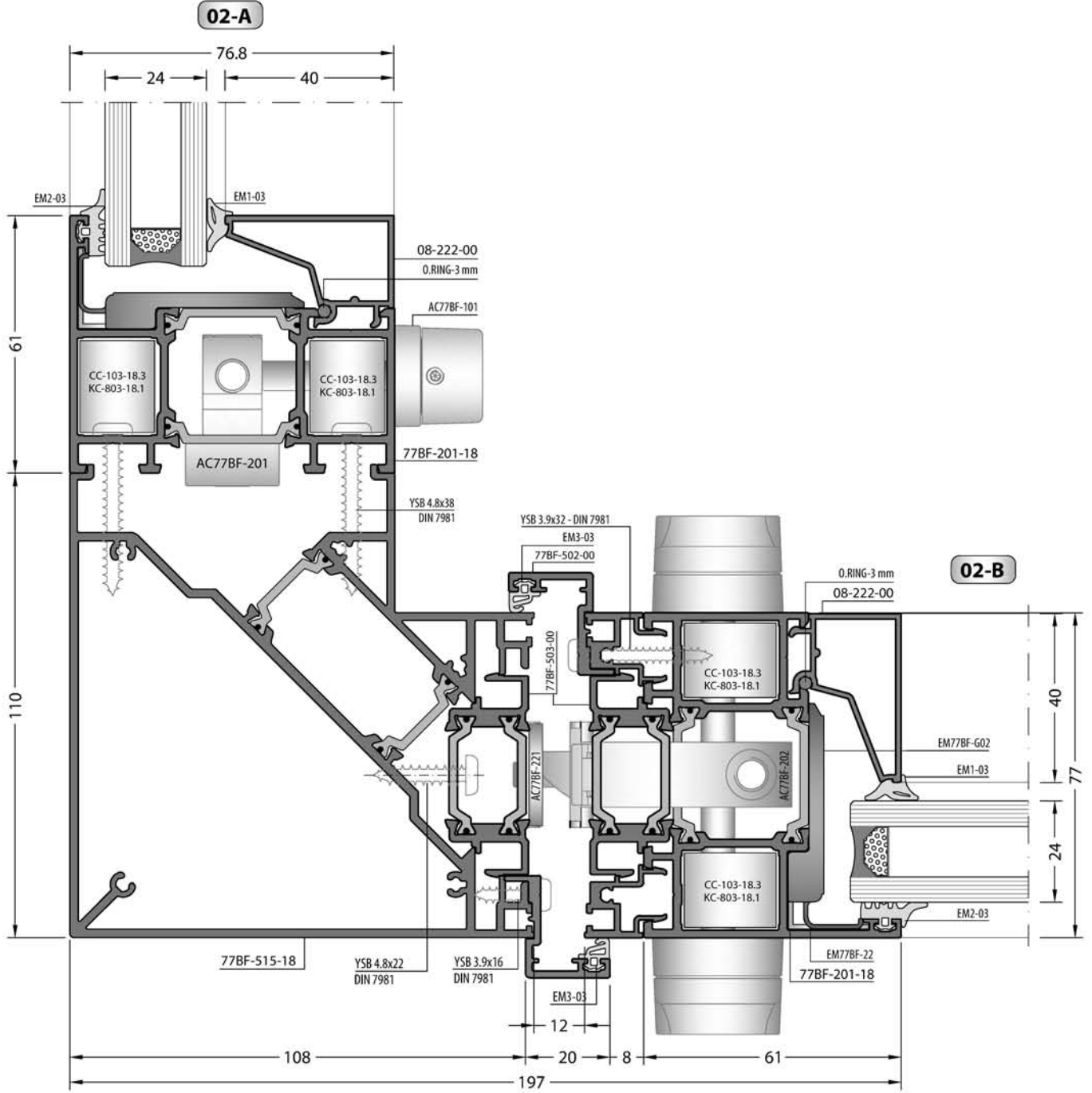
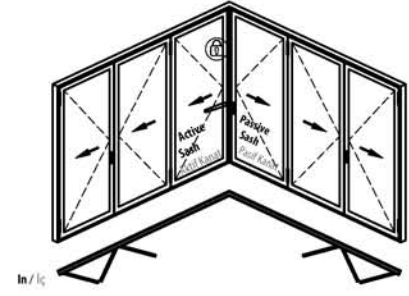


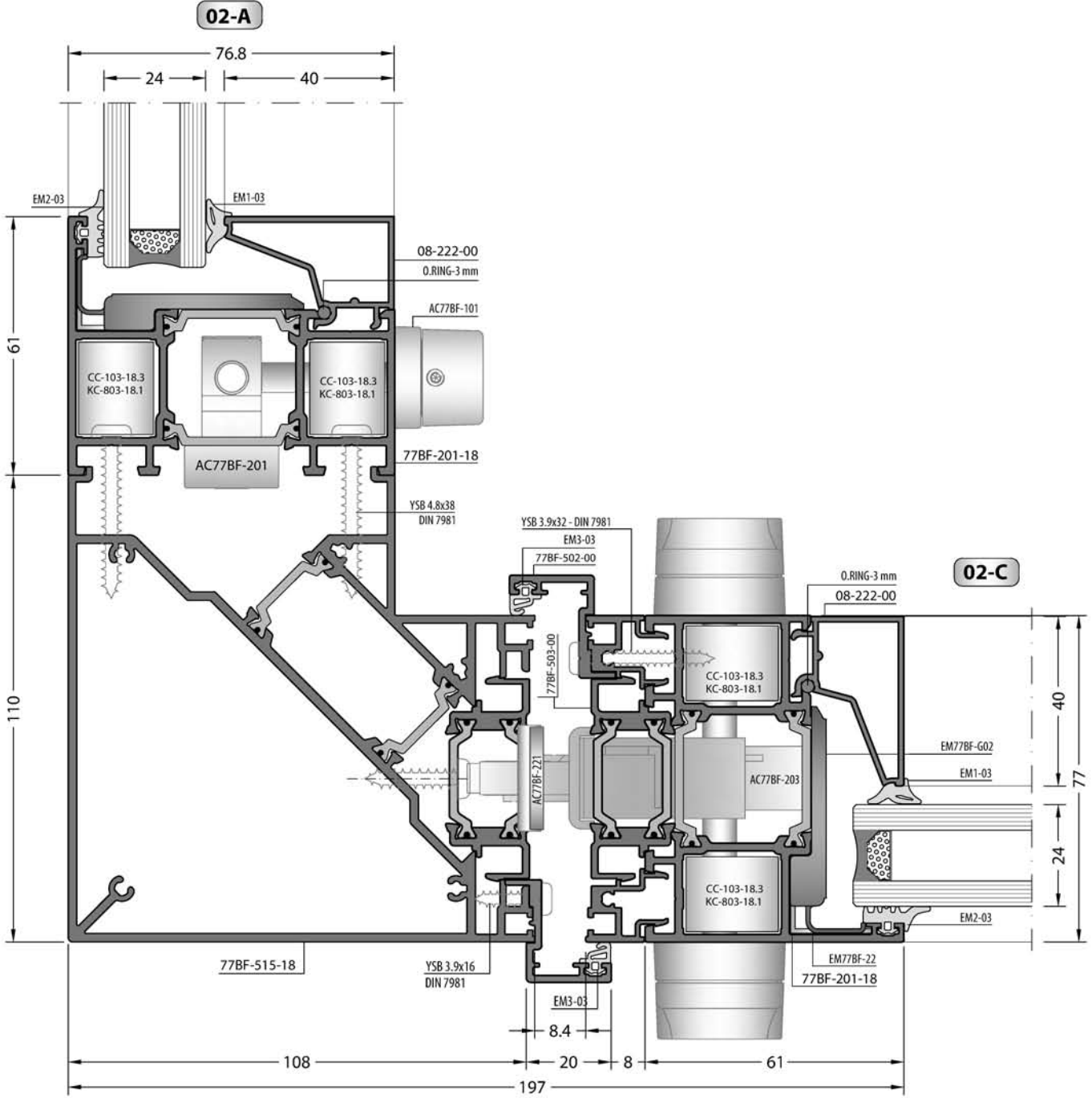
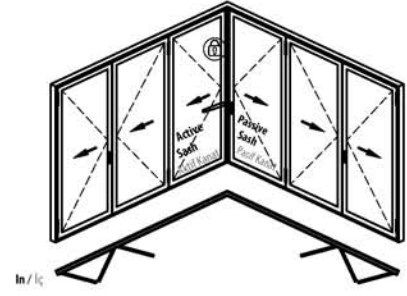
10-C

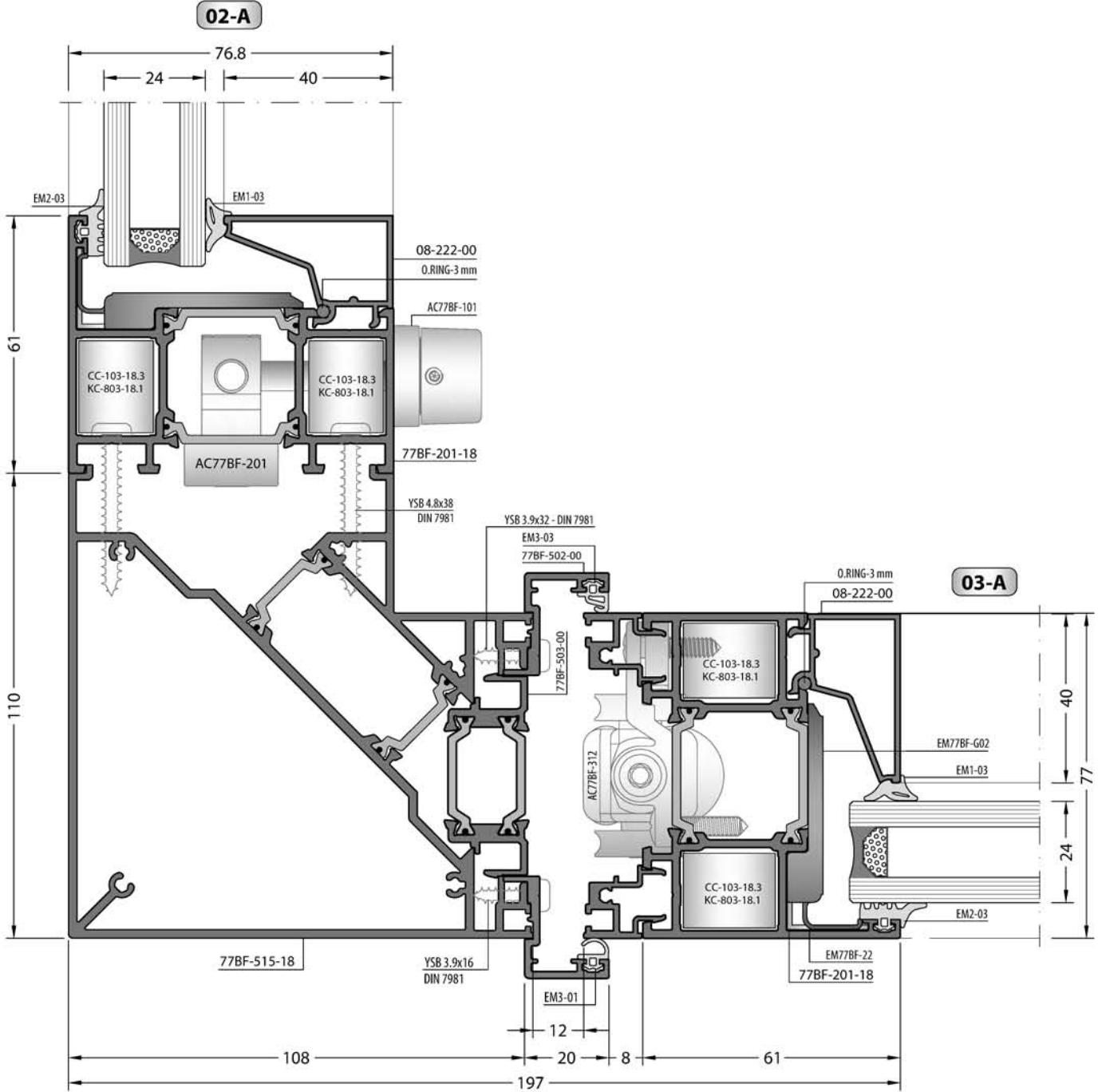
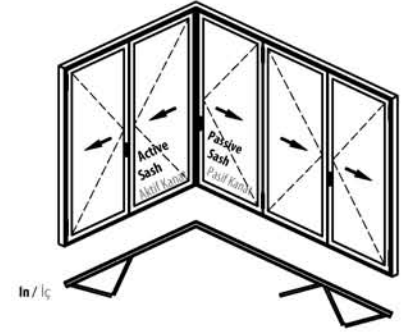


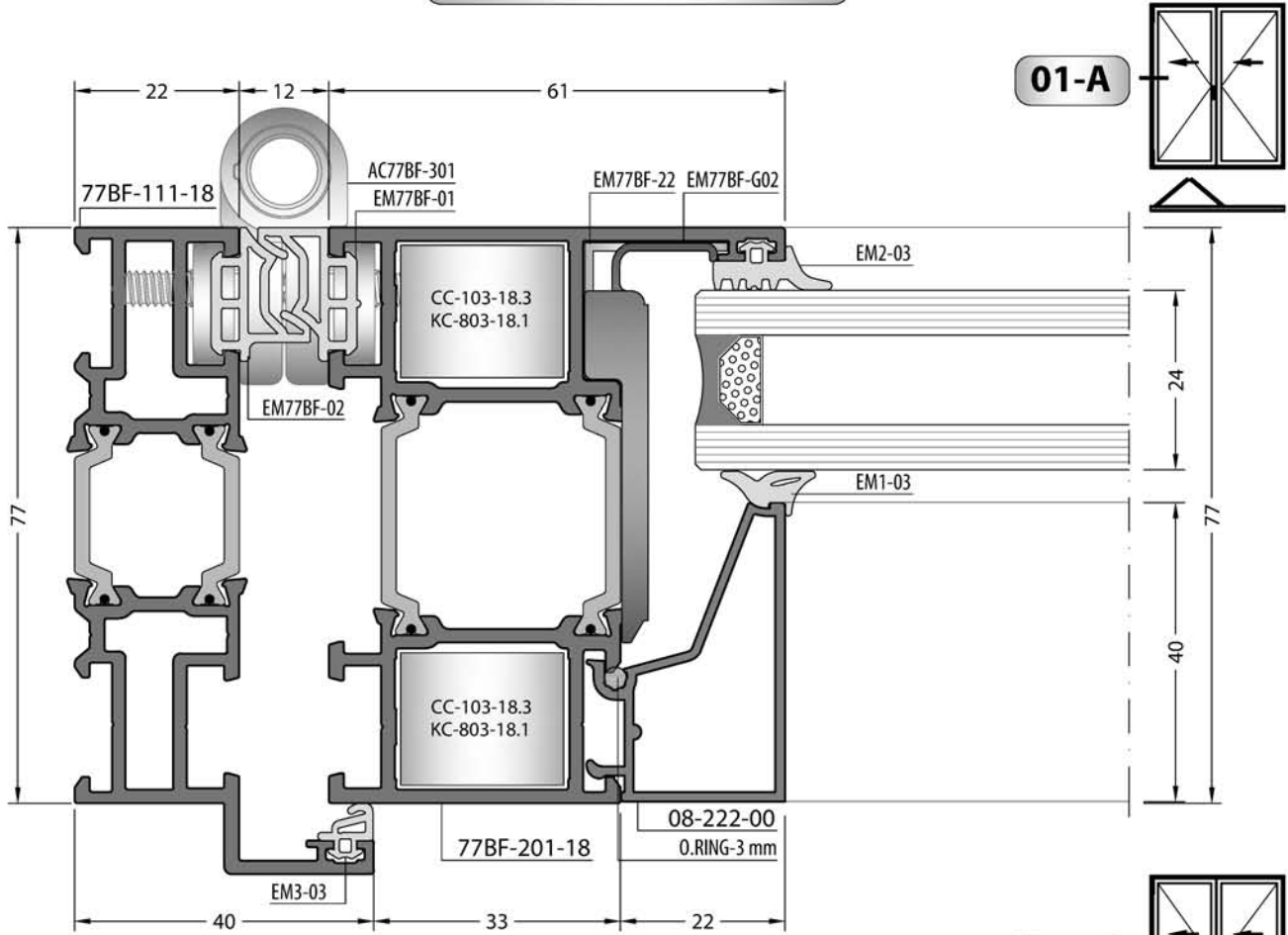
10-D



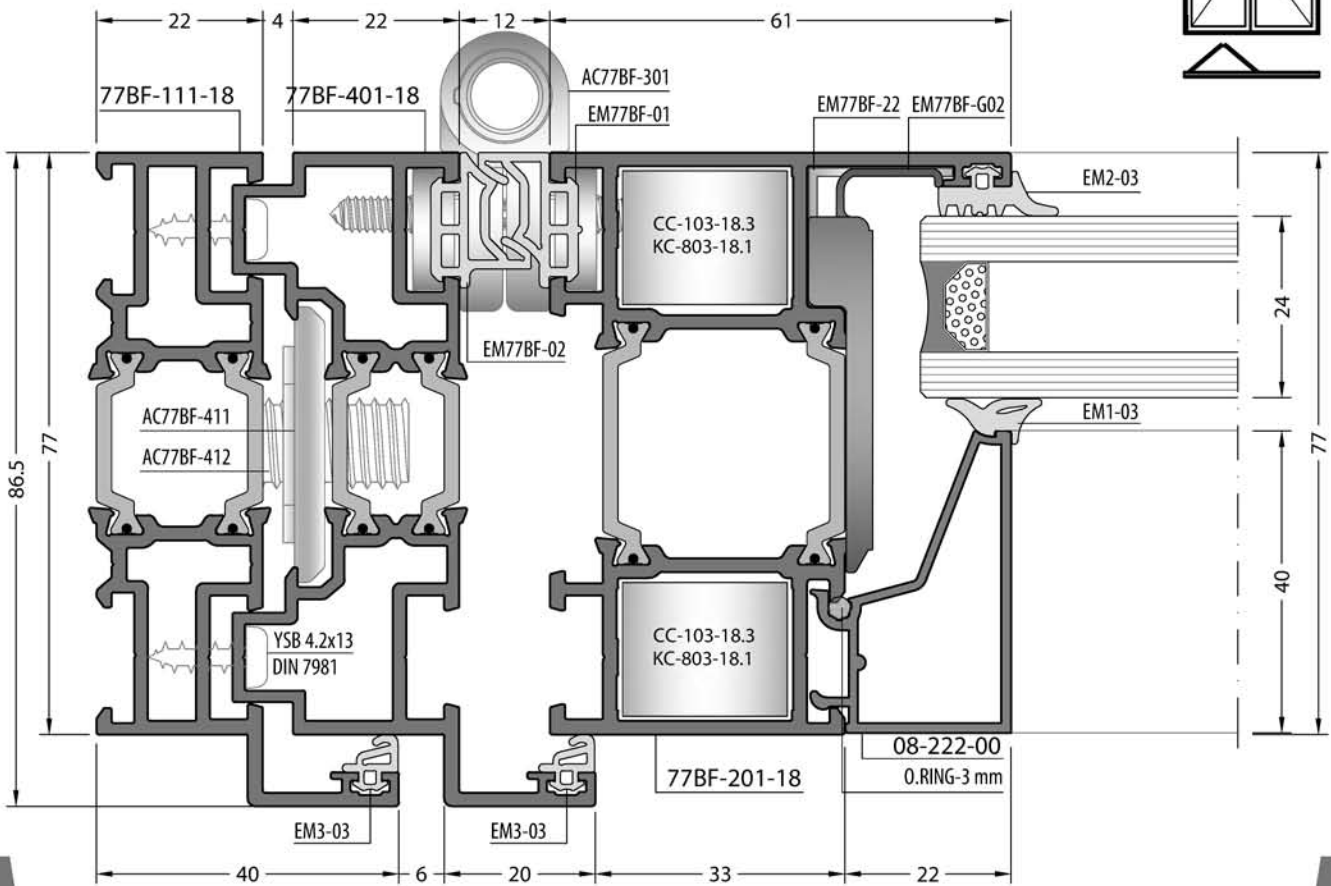
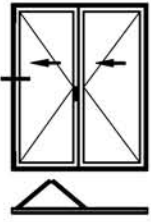




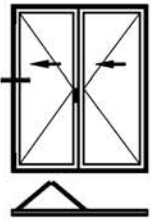




01-A

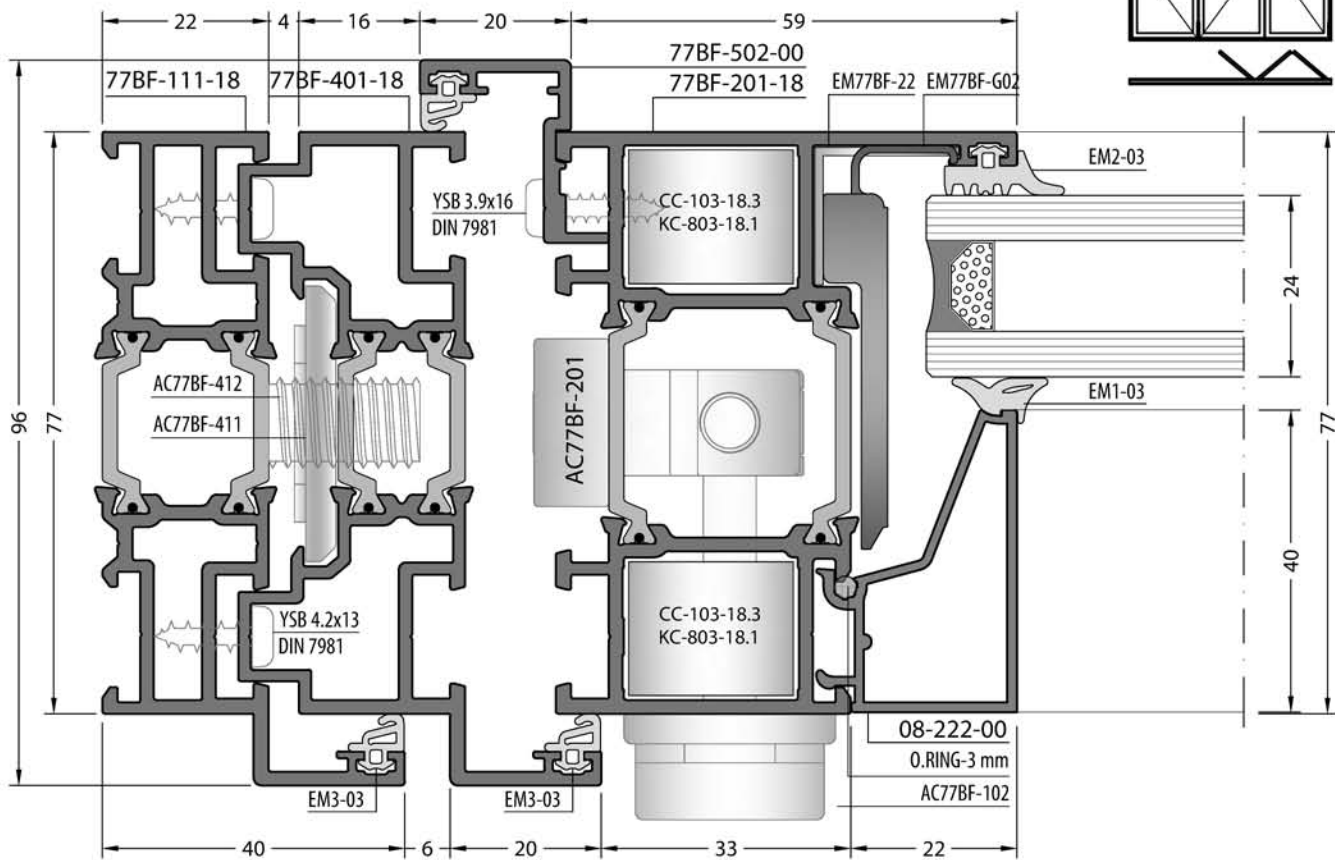
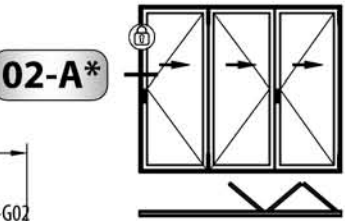
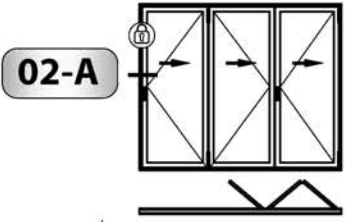
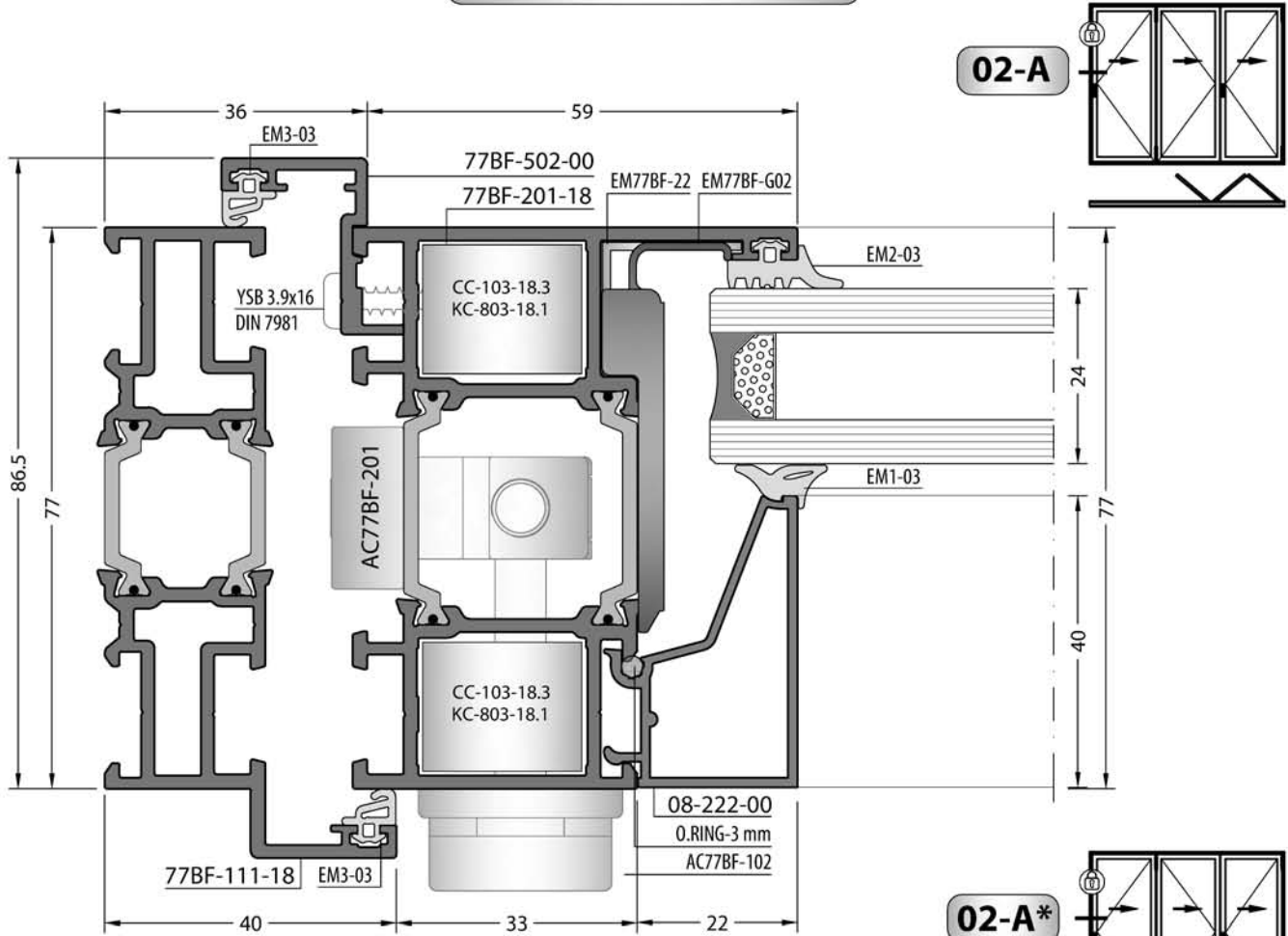


01-A*

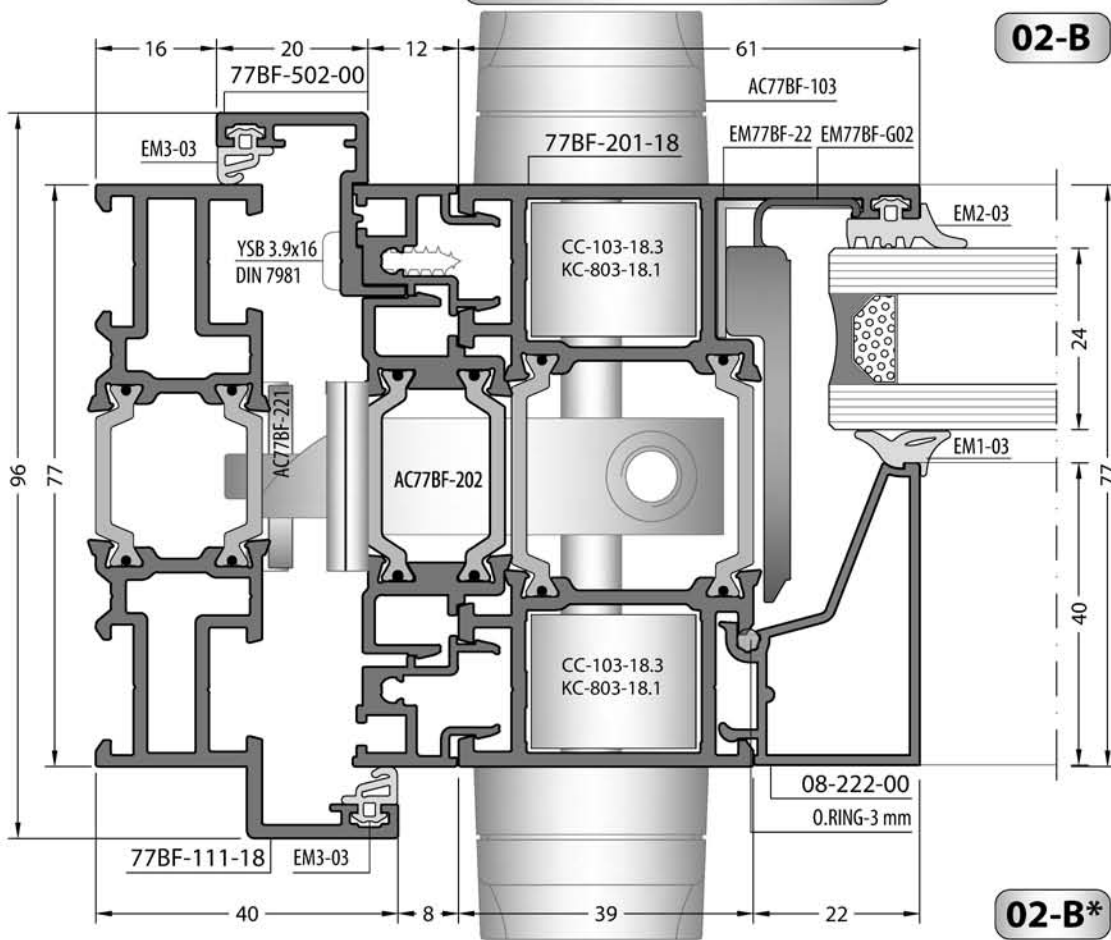


Frame Connection 90° / Kasa Birleşim 90°

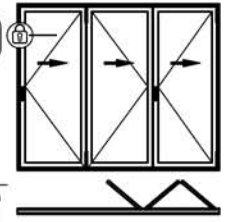
Outward Opening / Dışa Açılır



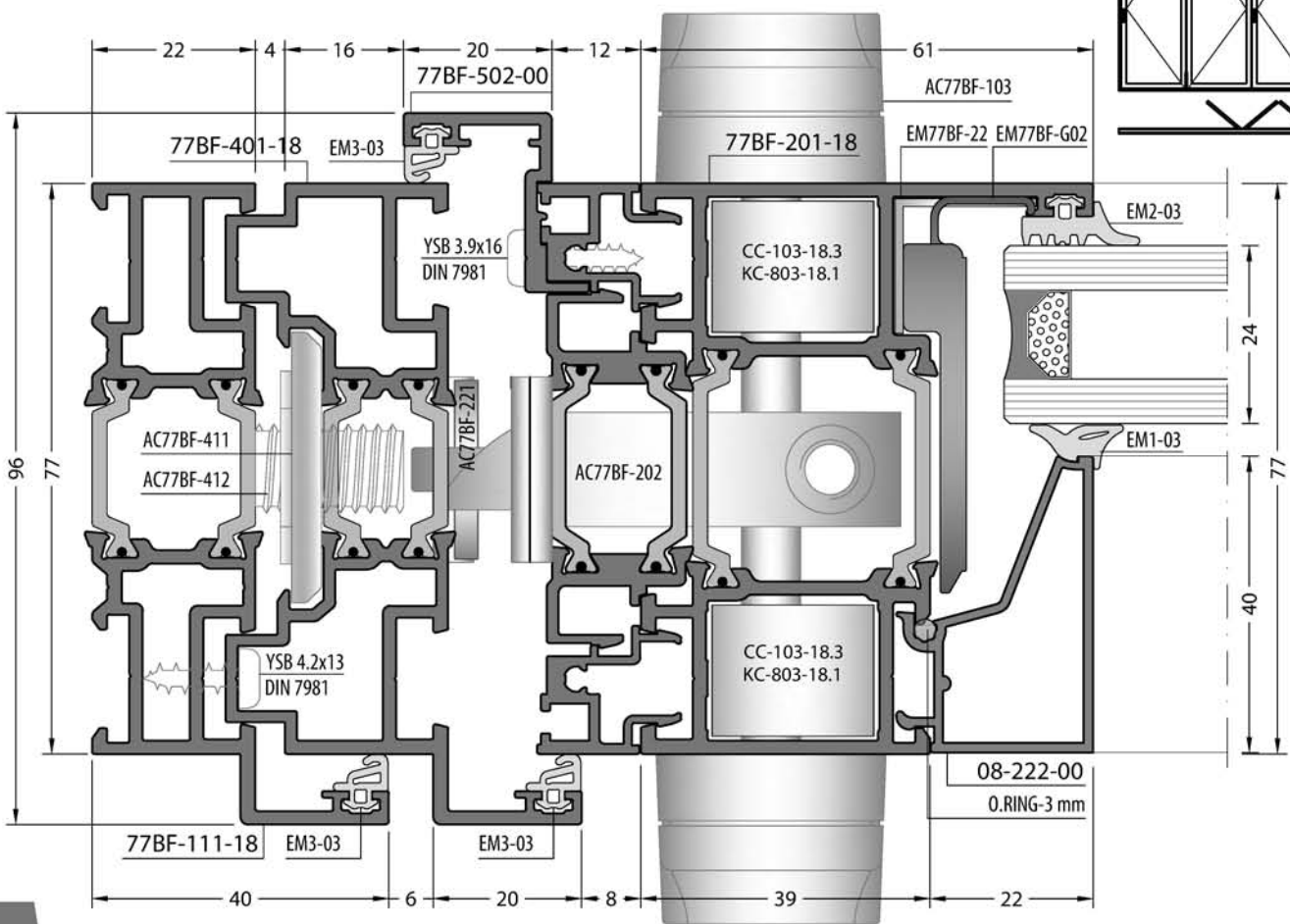
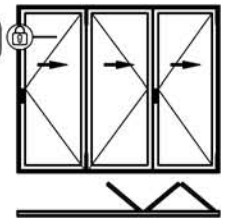
Frame Connection 90° / Kasa Birleşim 90°



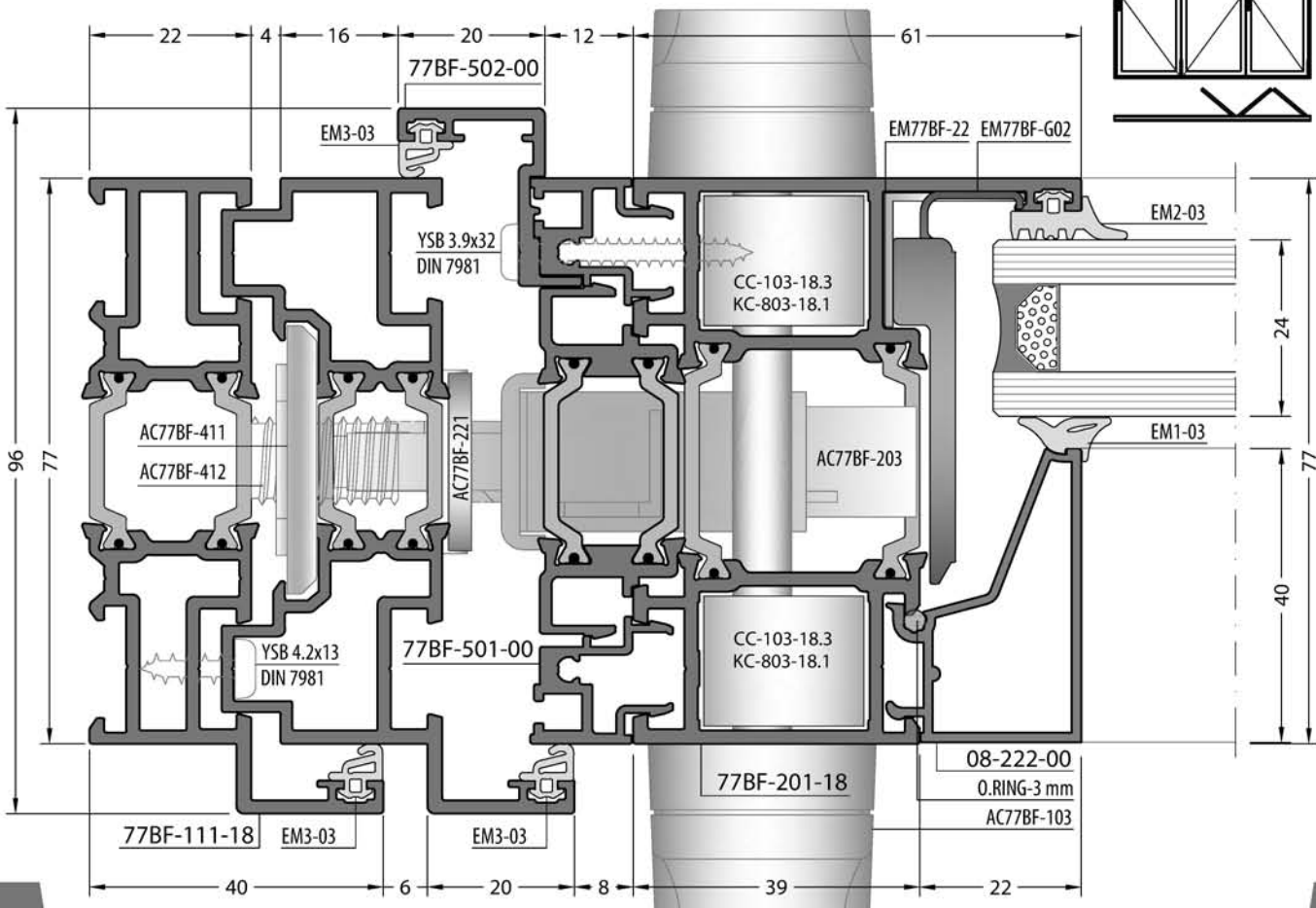
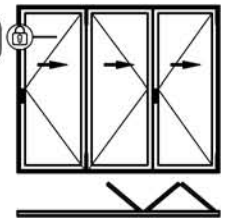
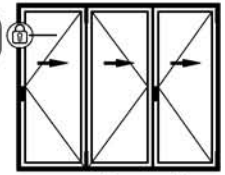
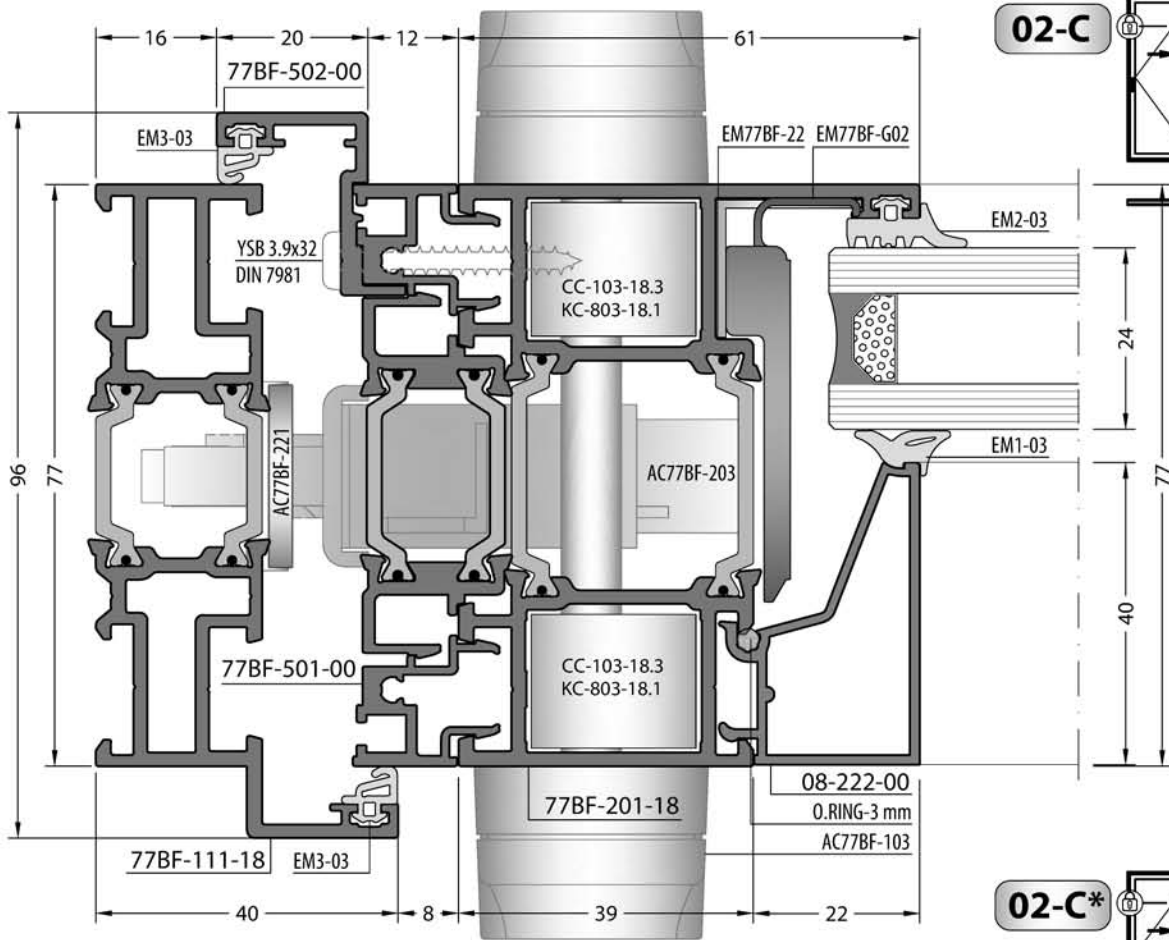
02-B

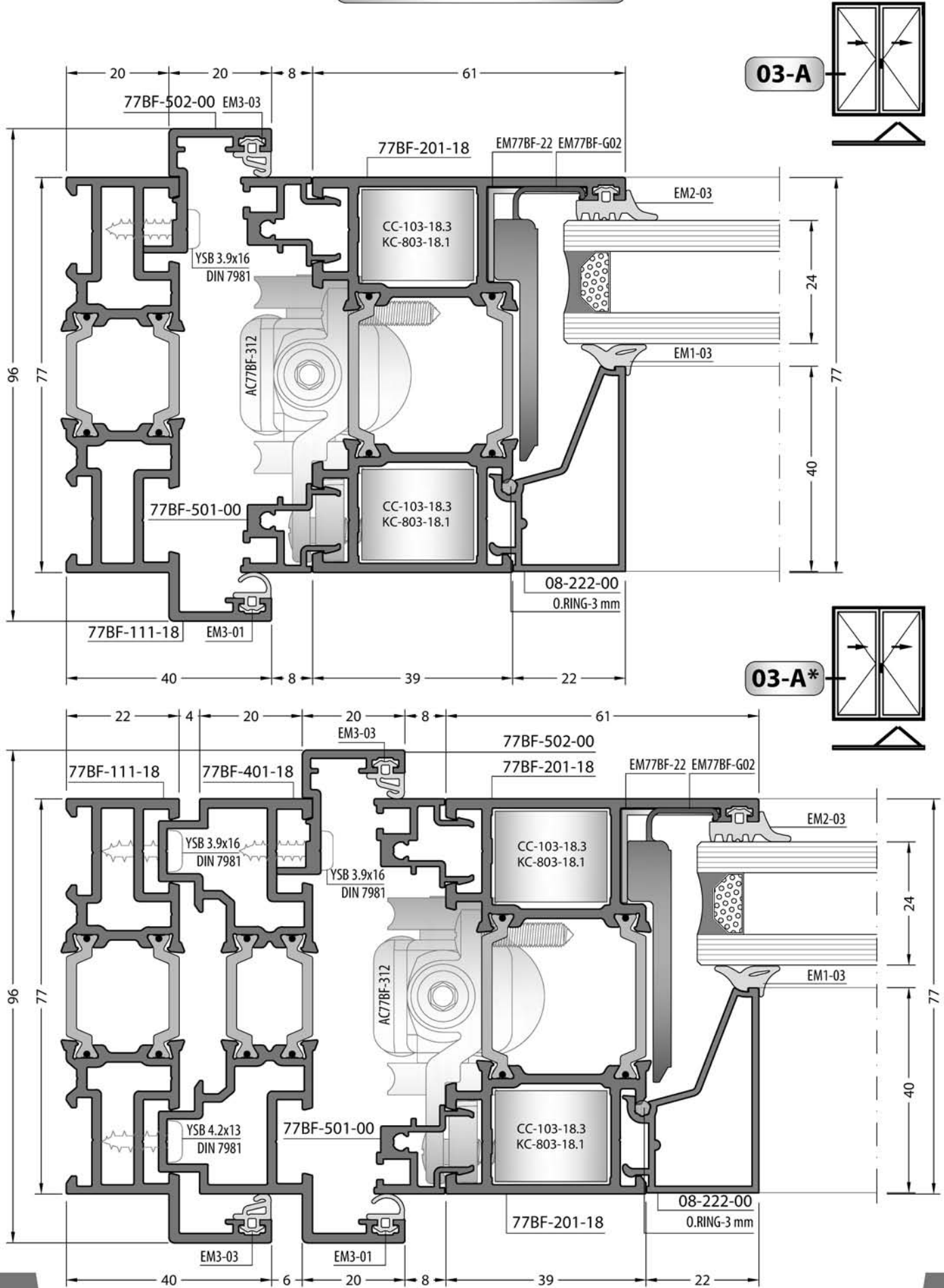


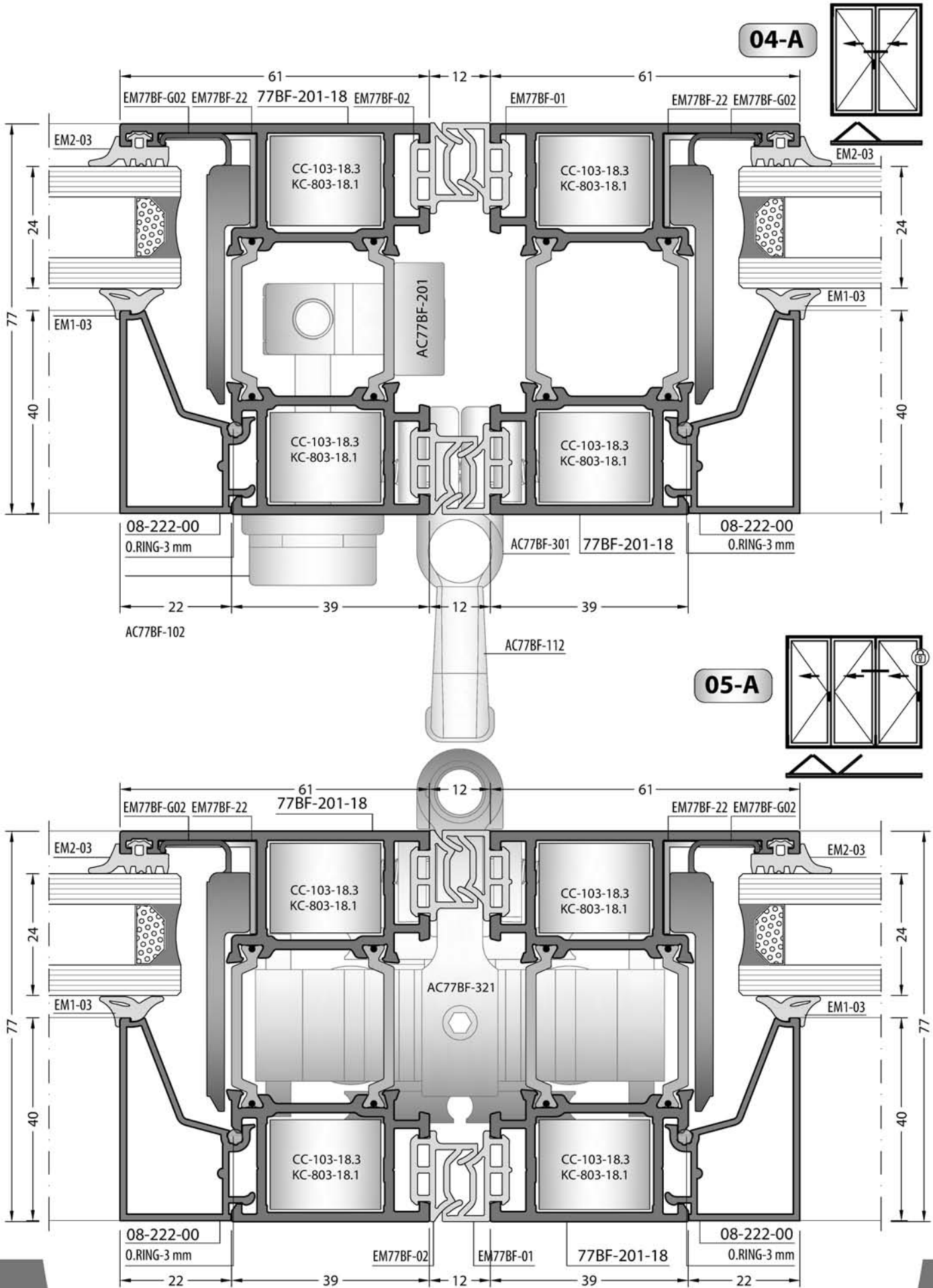
02-B*



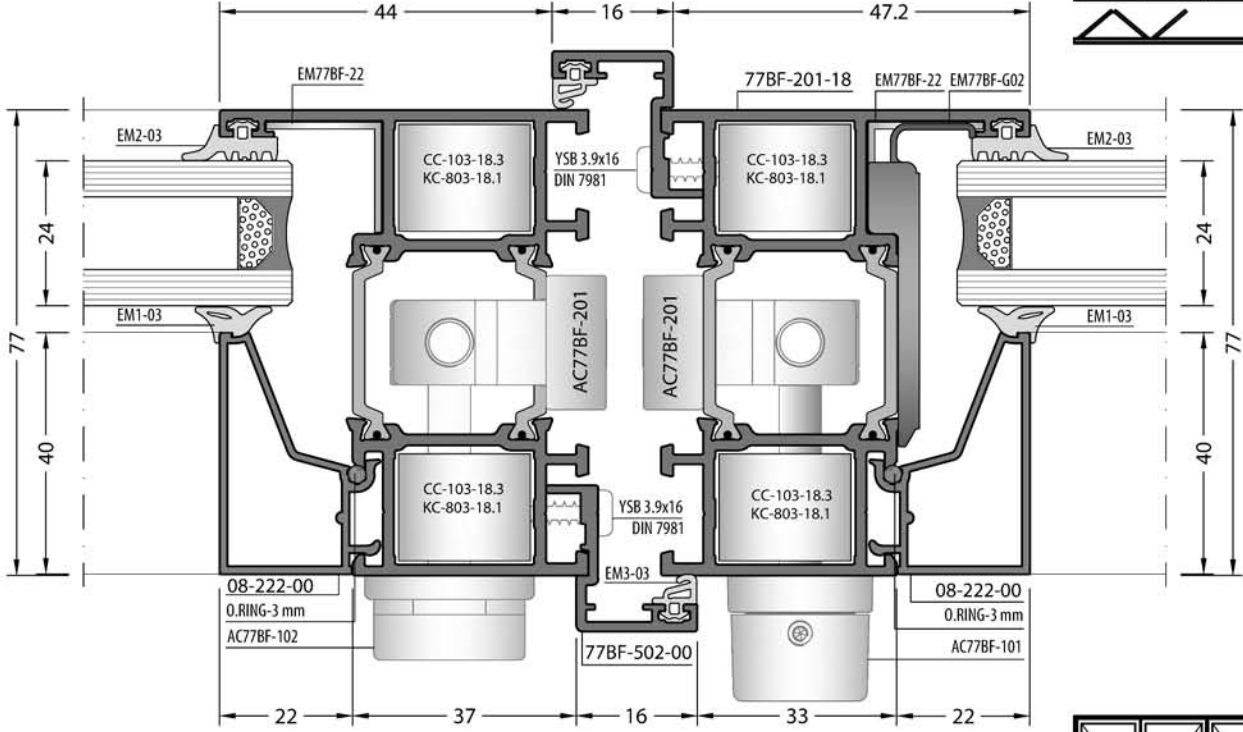
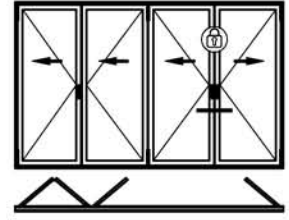
Frame Connection 90° / Kasa Birleşim 90°



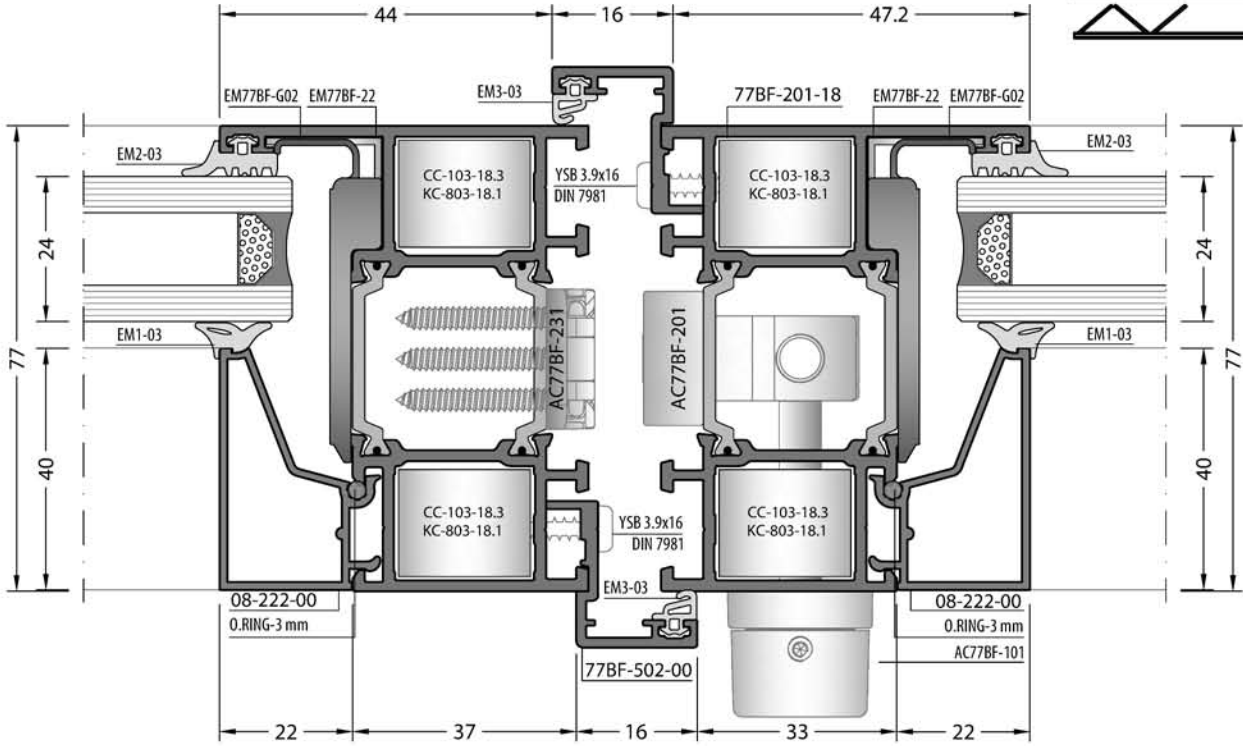
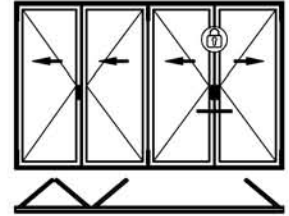




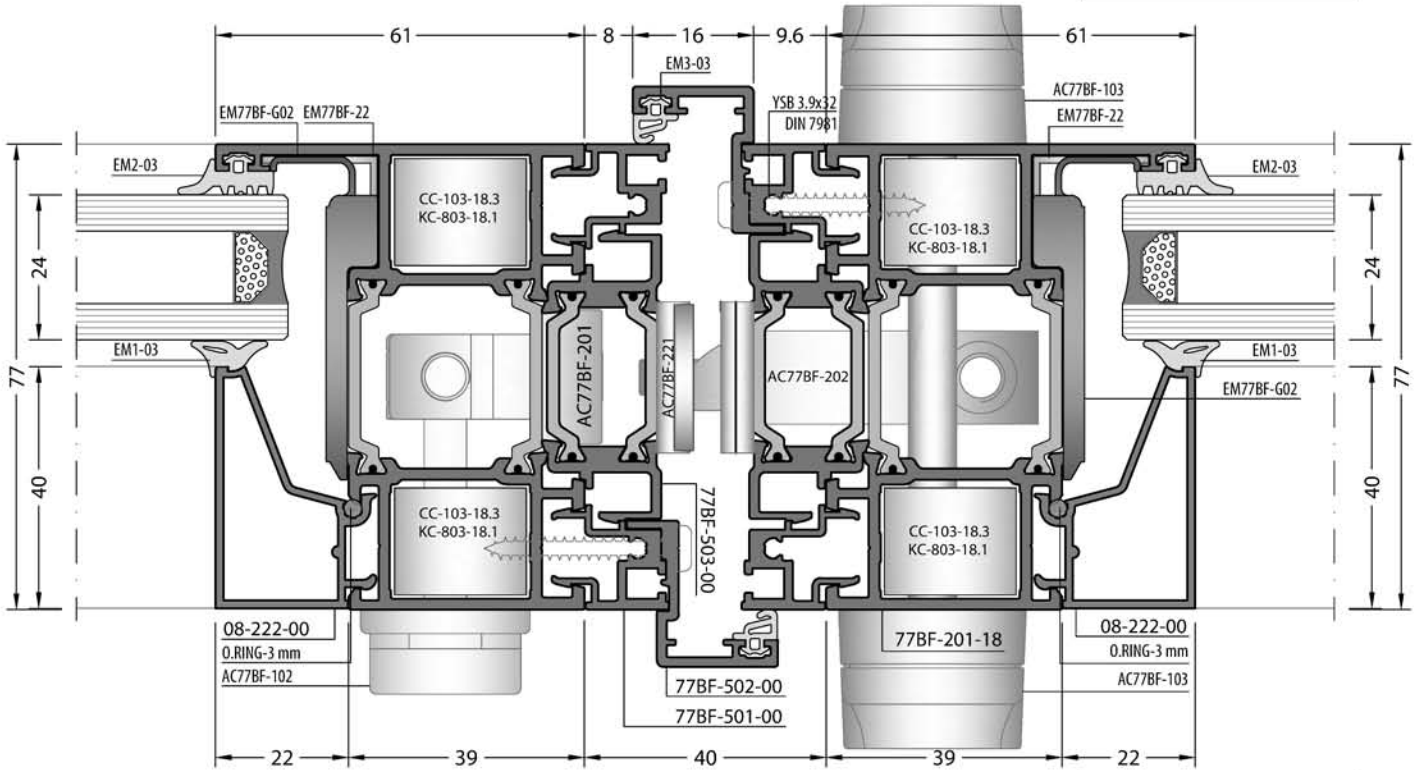
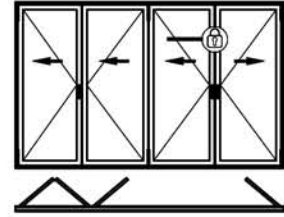
06-A1



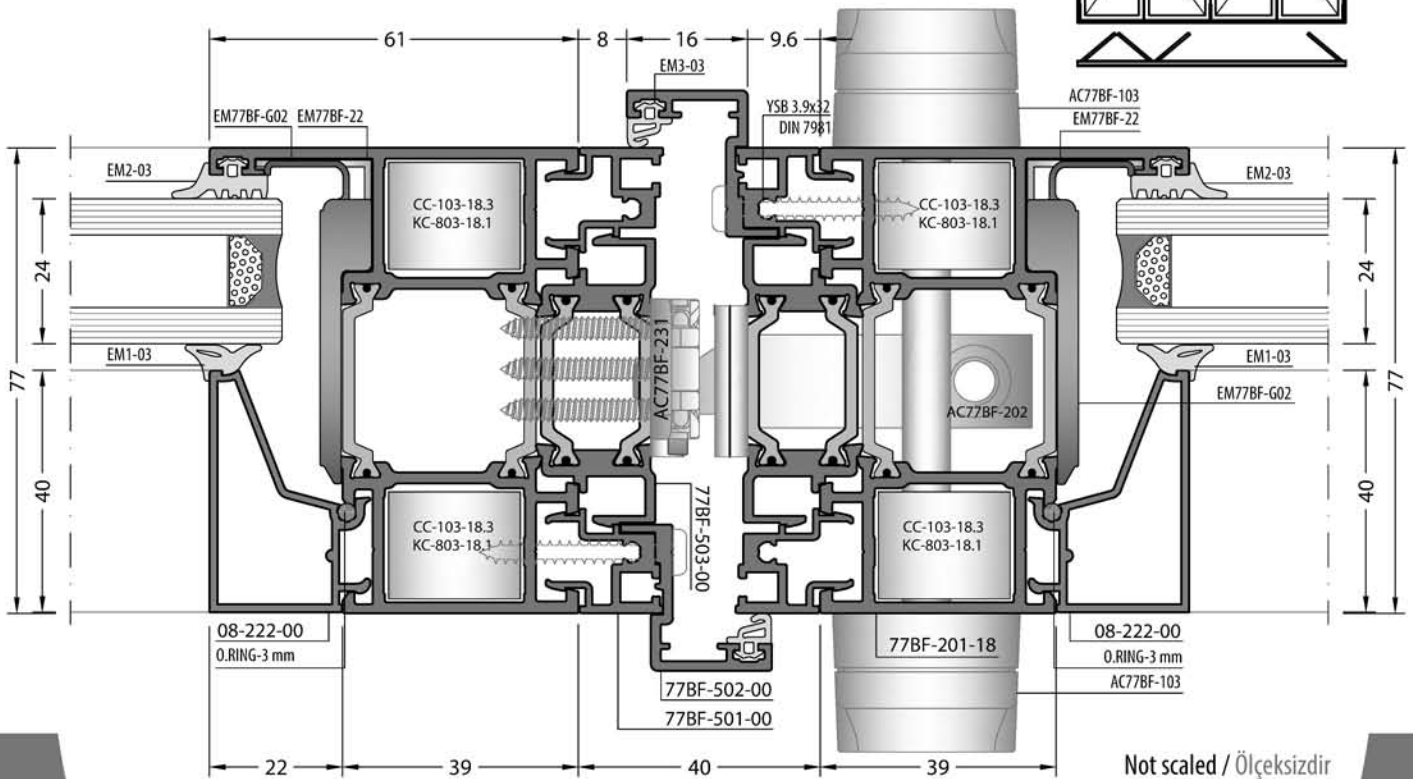
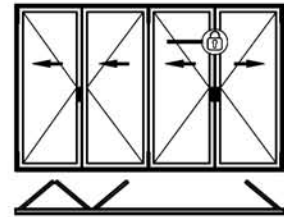
06-A2



06-B1

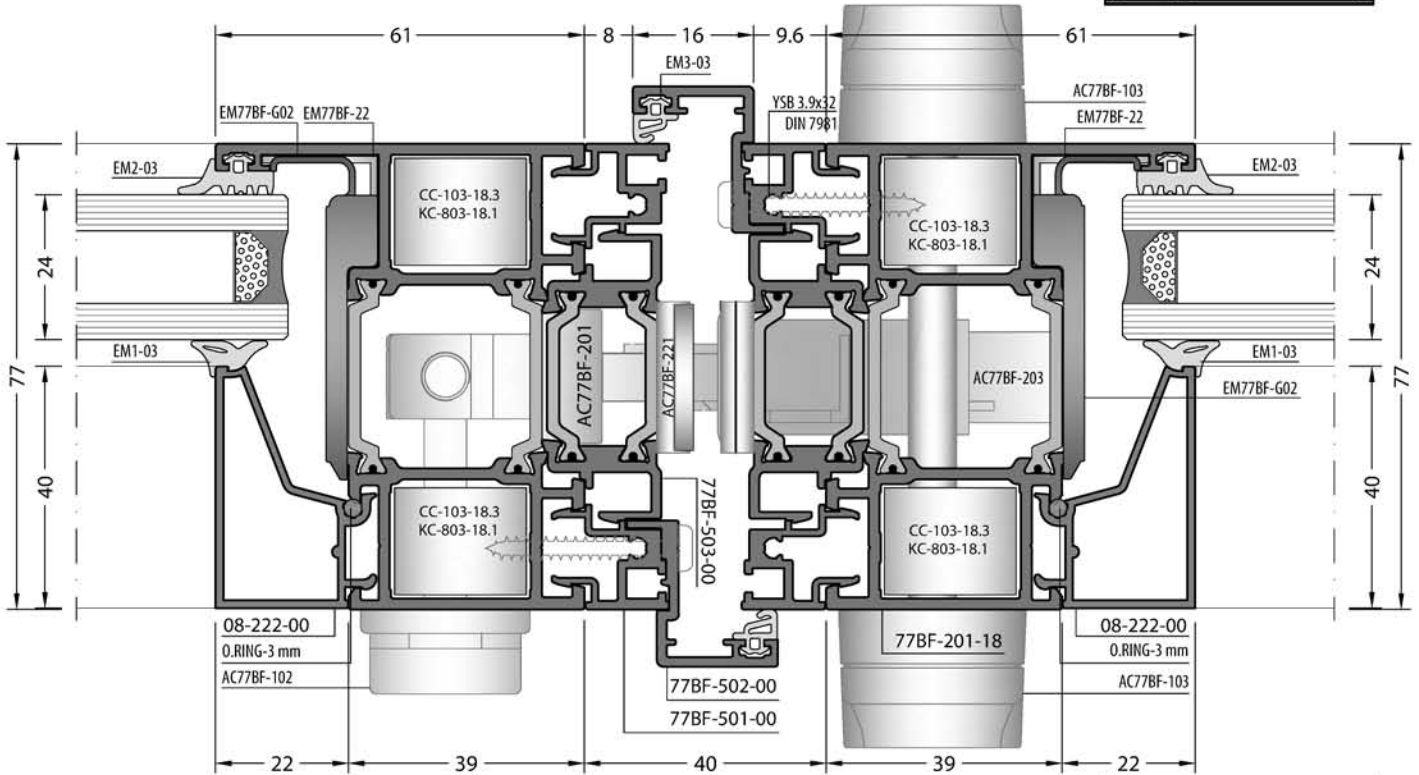
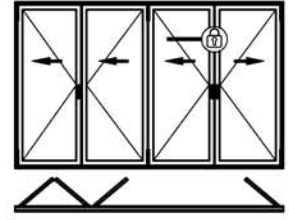


06-B2

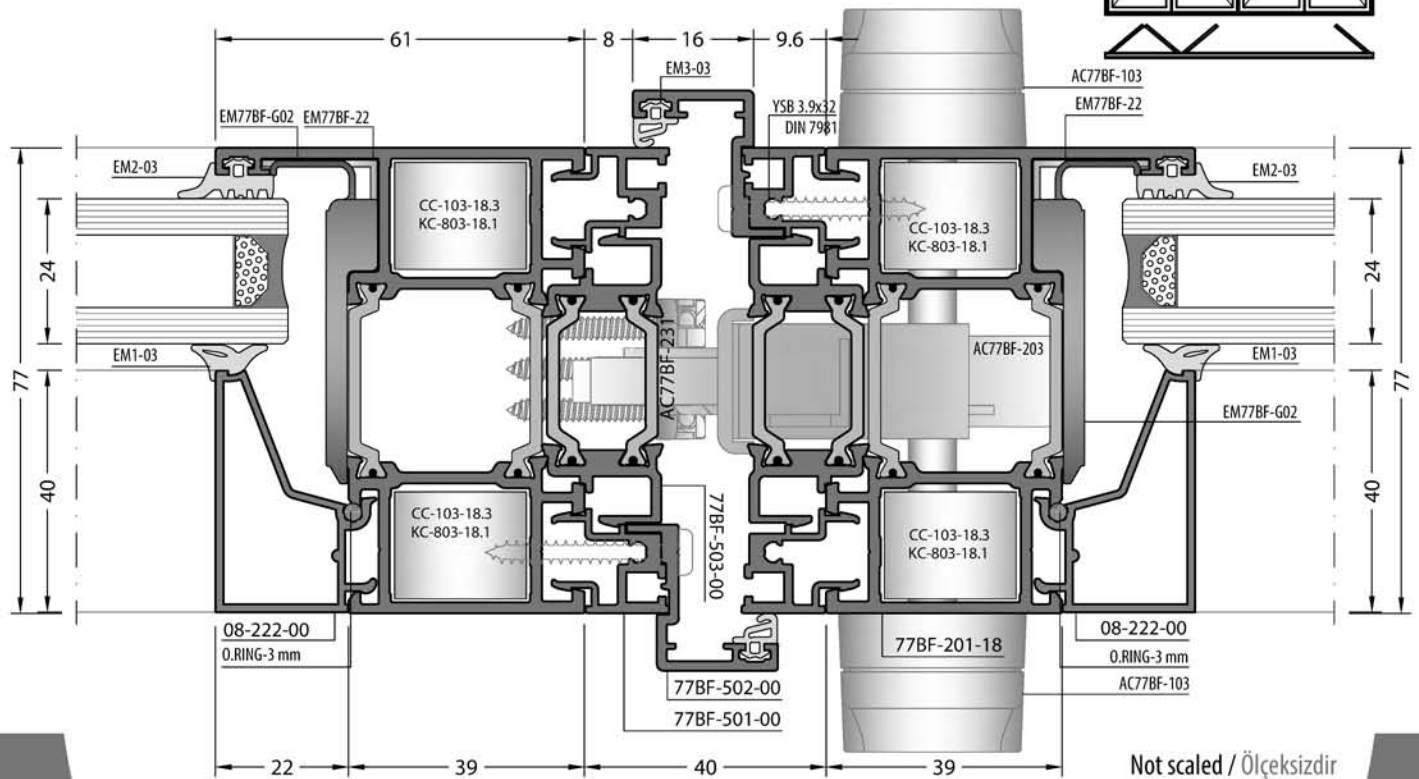
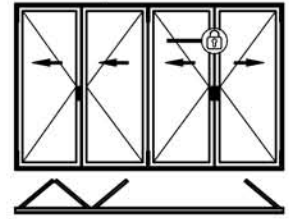


Not scaled / Ölçeksizdir

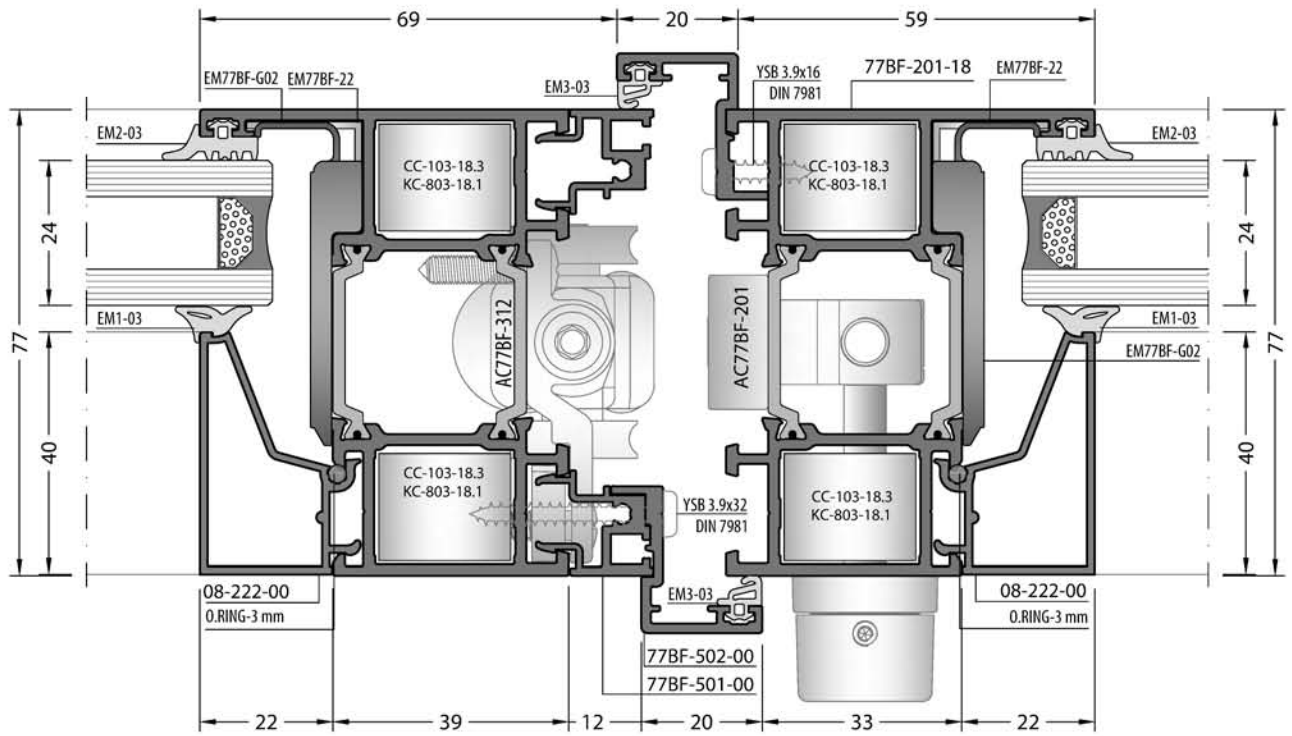
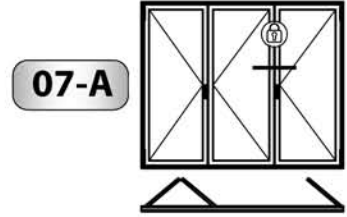
06-C1



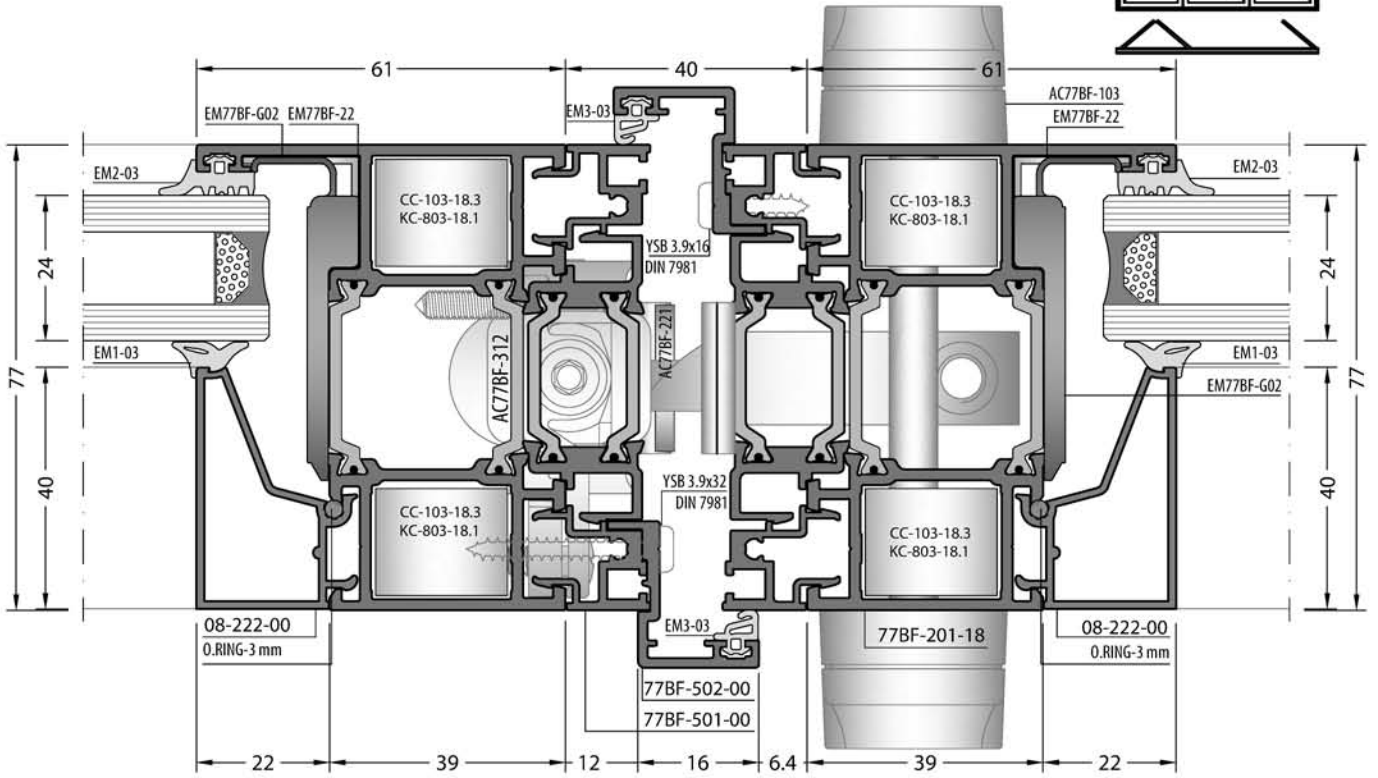
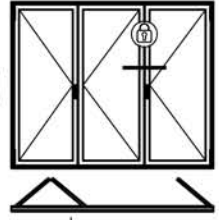
06-C2



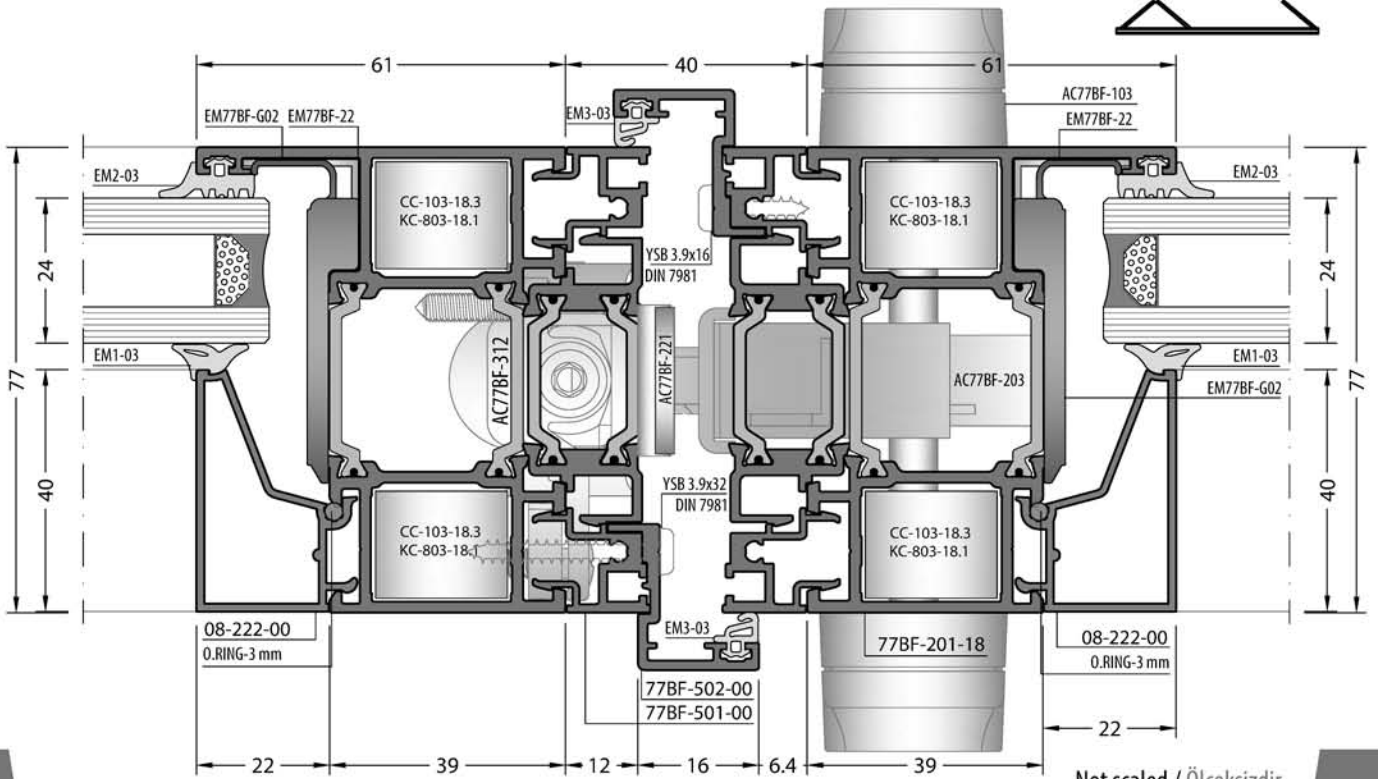
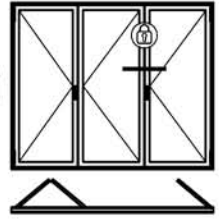
Not scaled / Ölçeksizdir



07-B

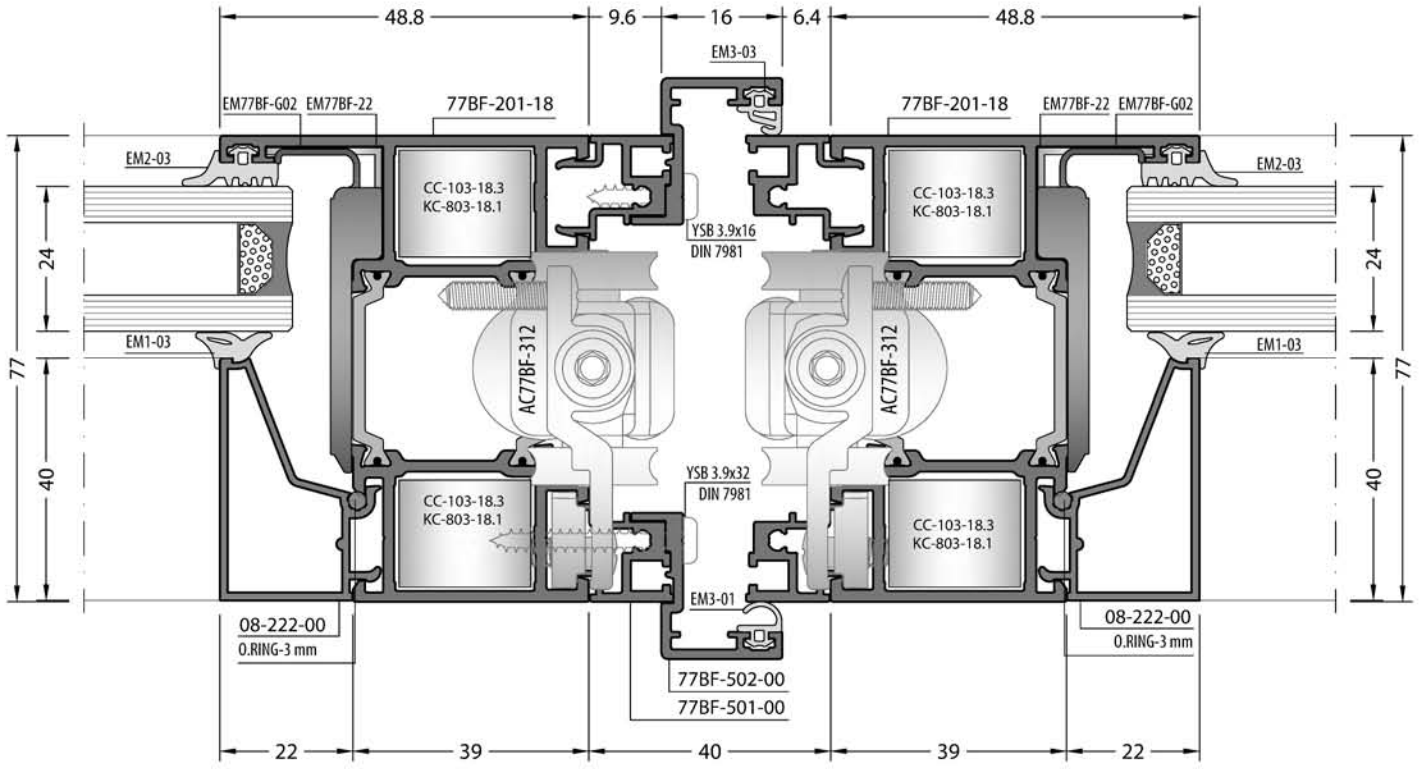
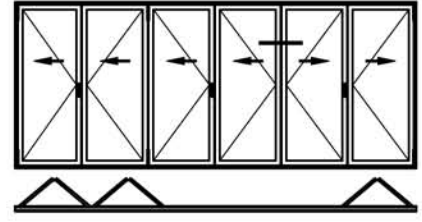


07-C

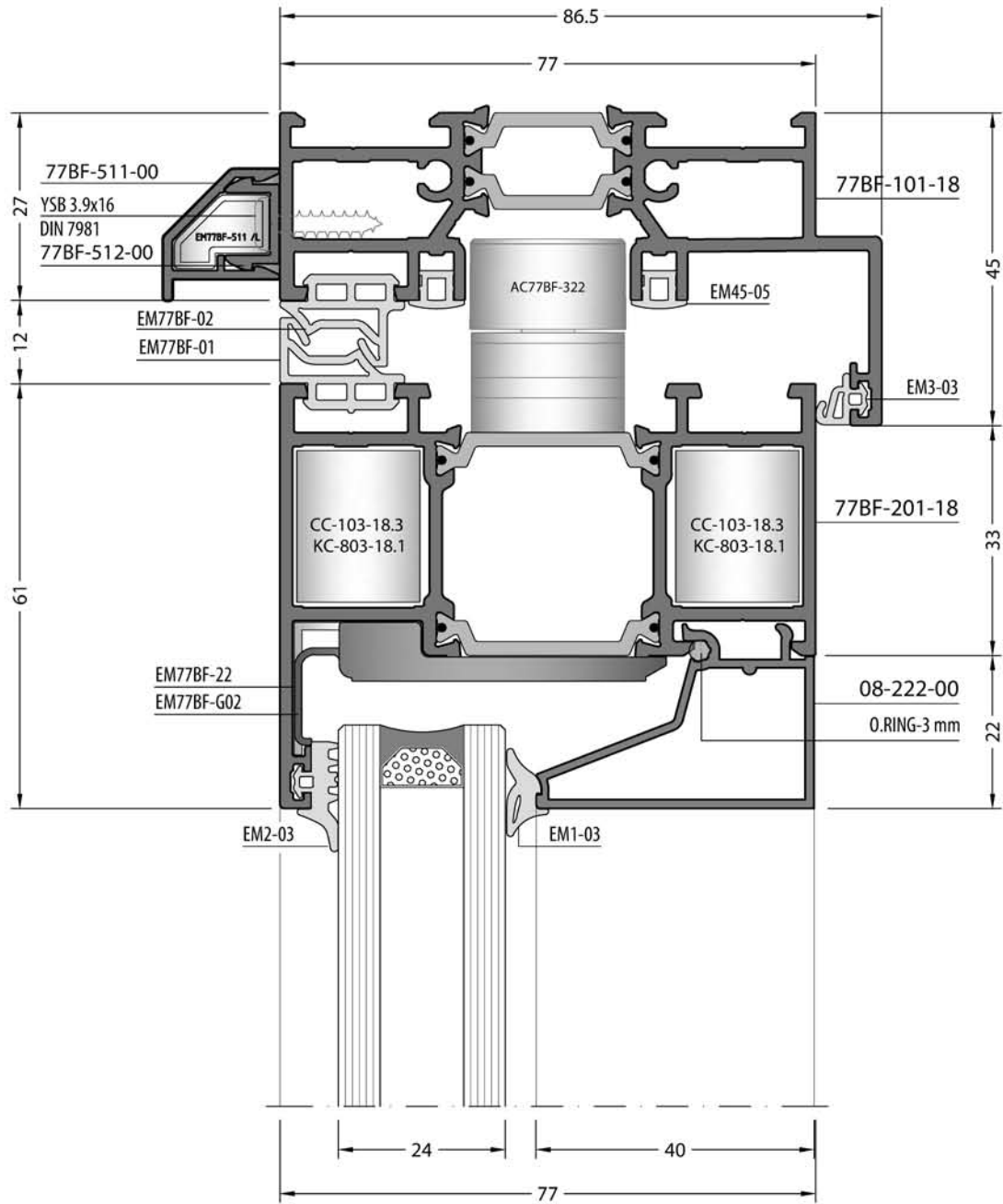
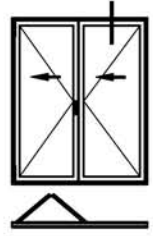


Not scaled / Ölçeksizdir

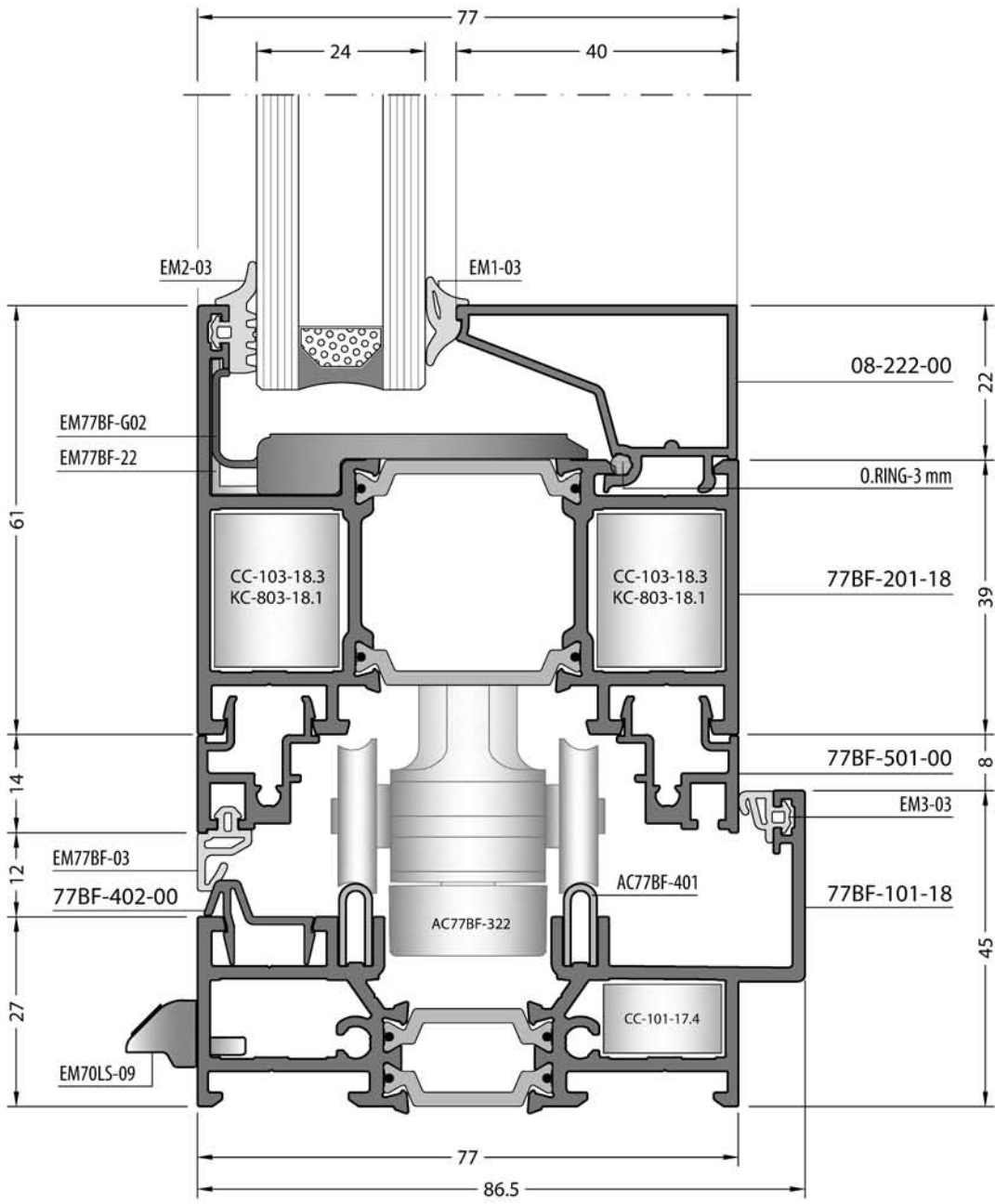
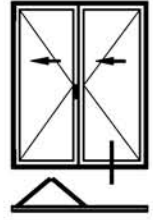
08-A



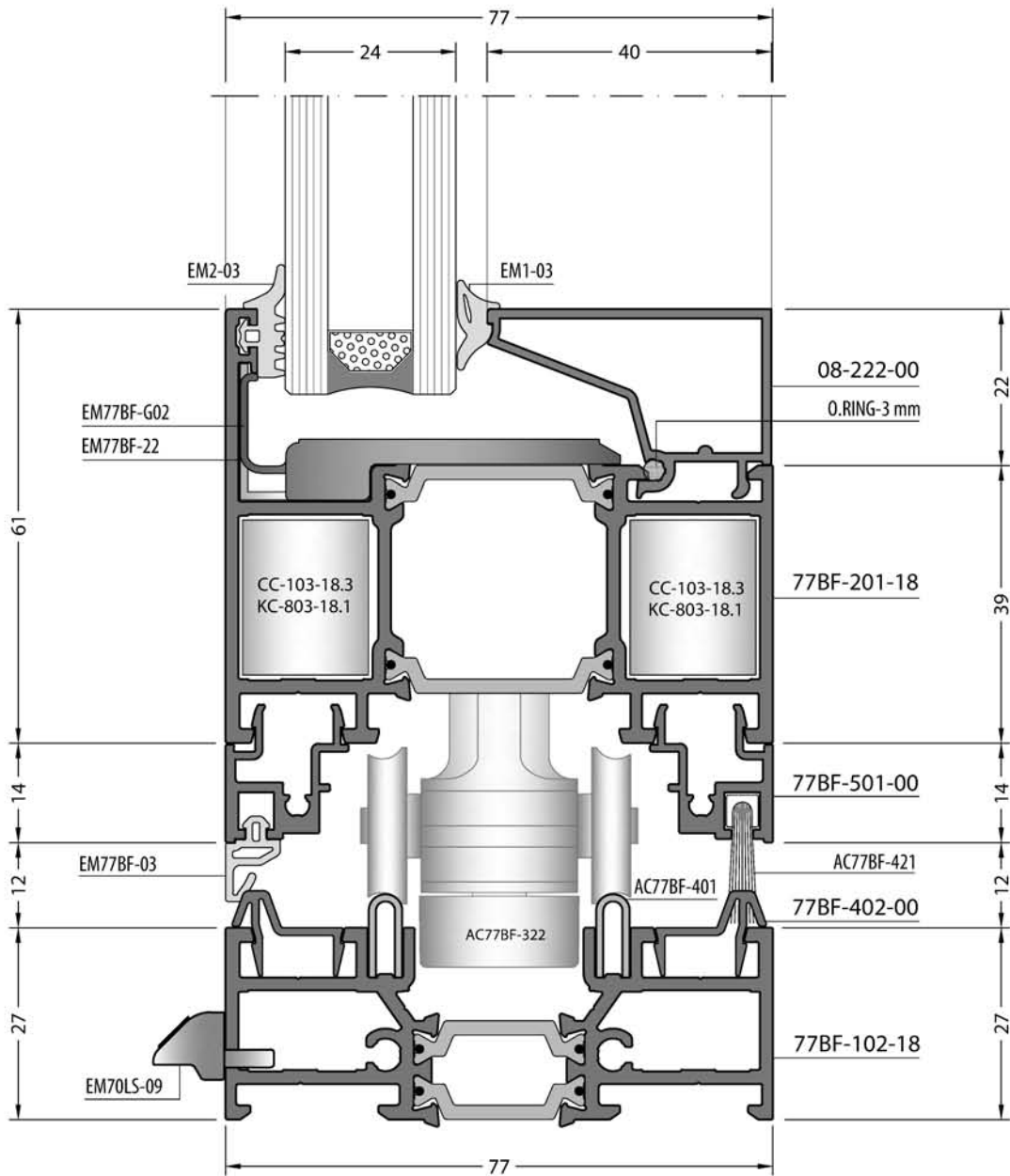
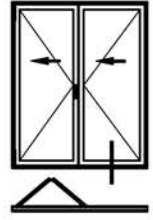
09-A



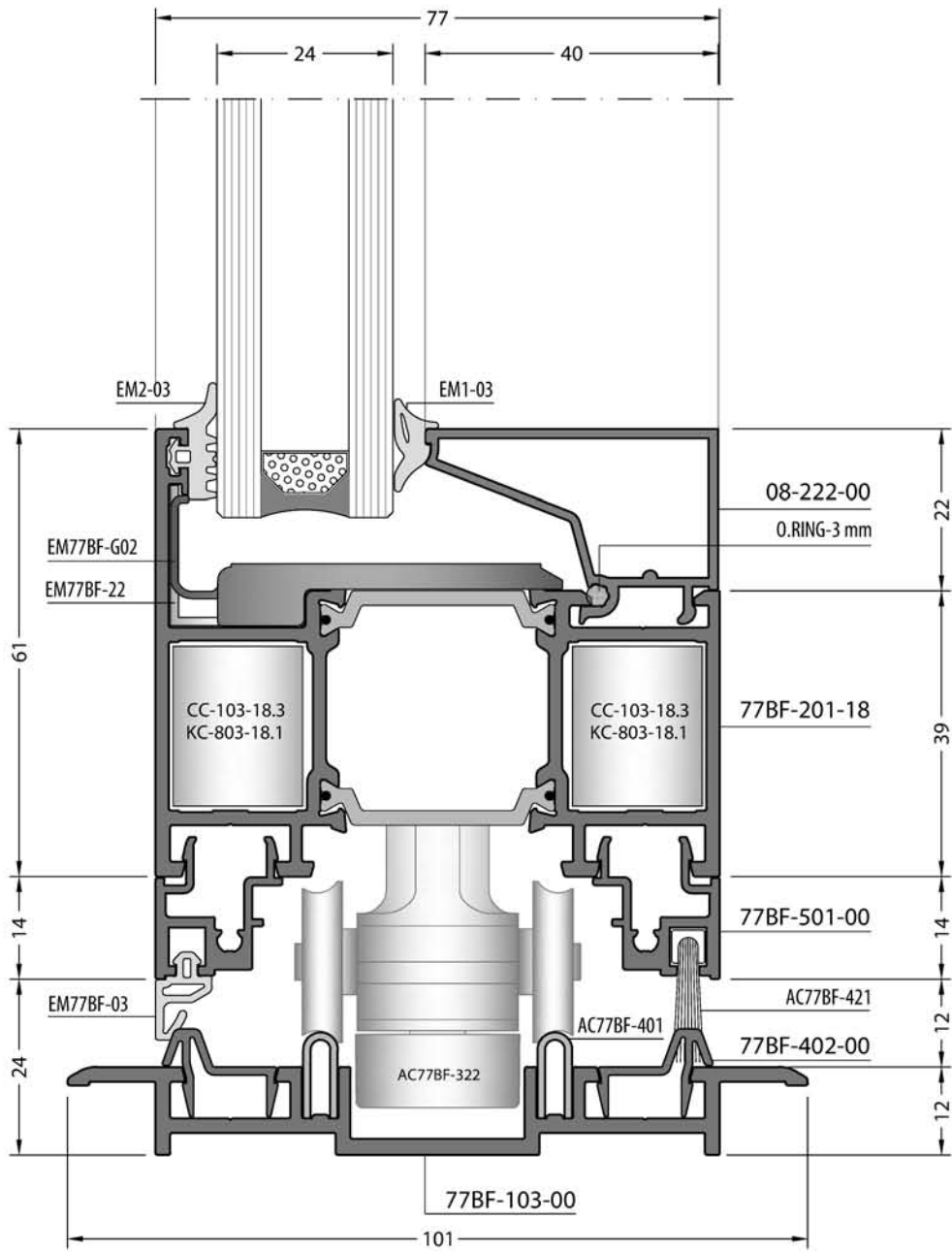
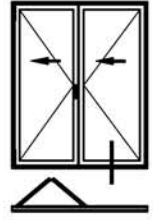
10-A



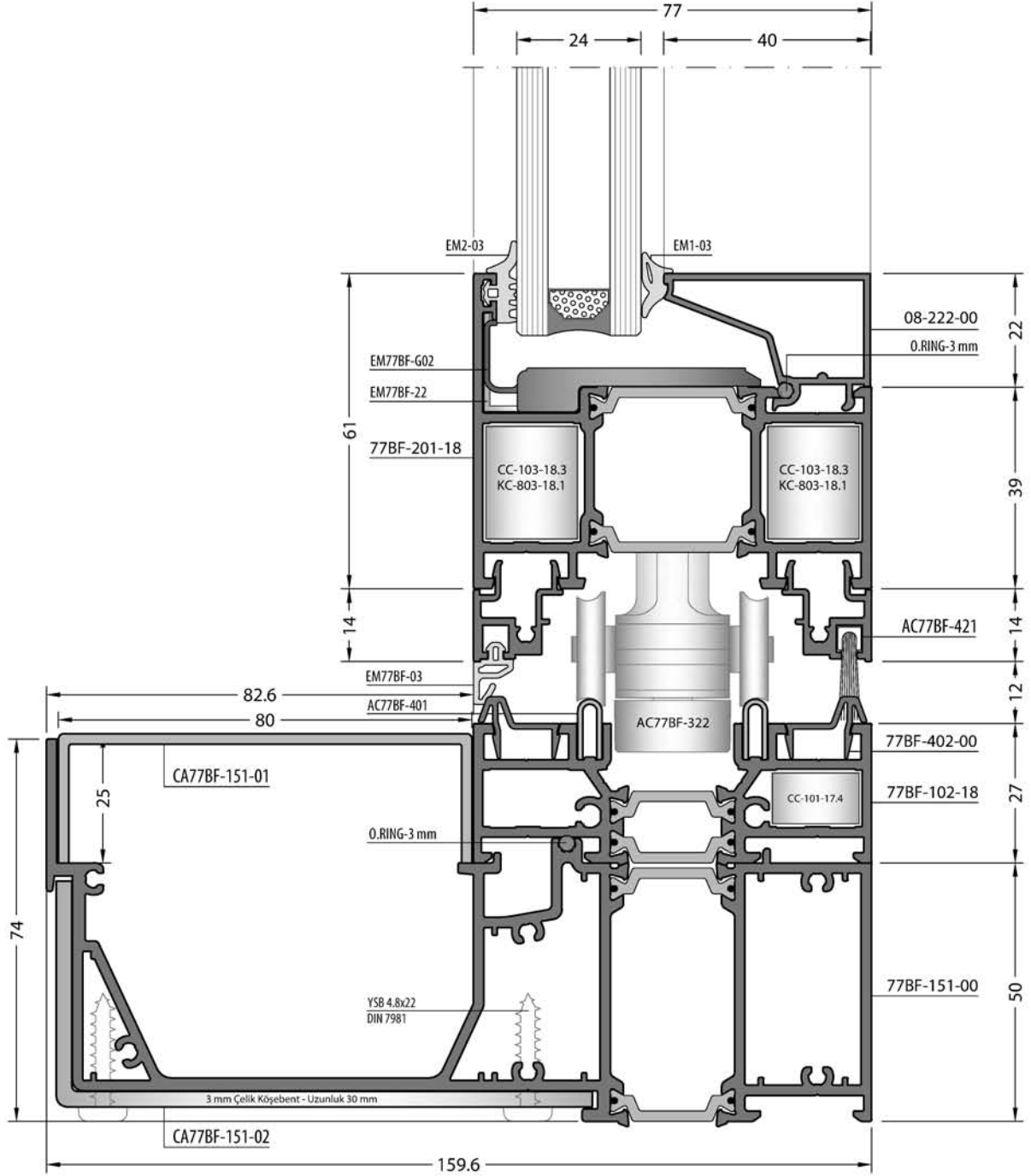
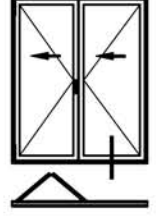
10-B

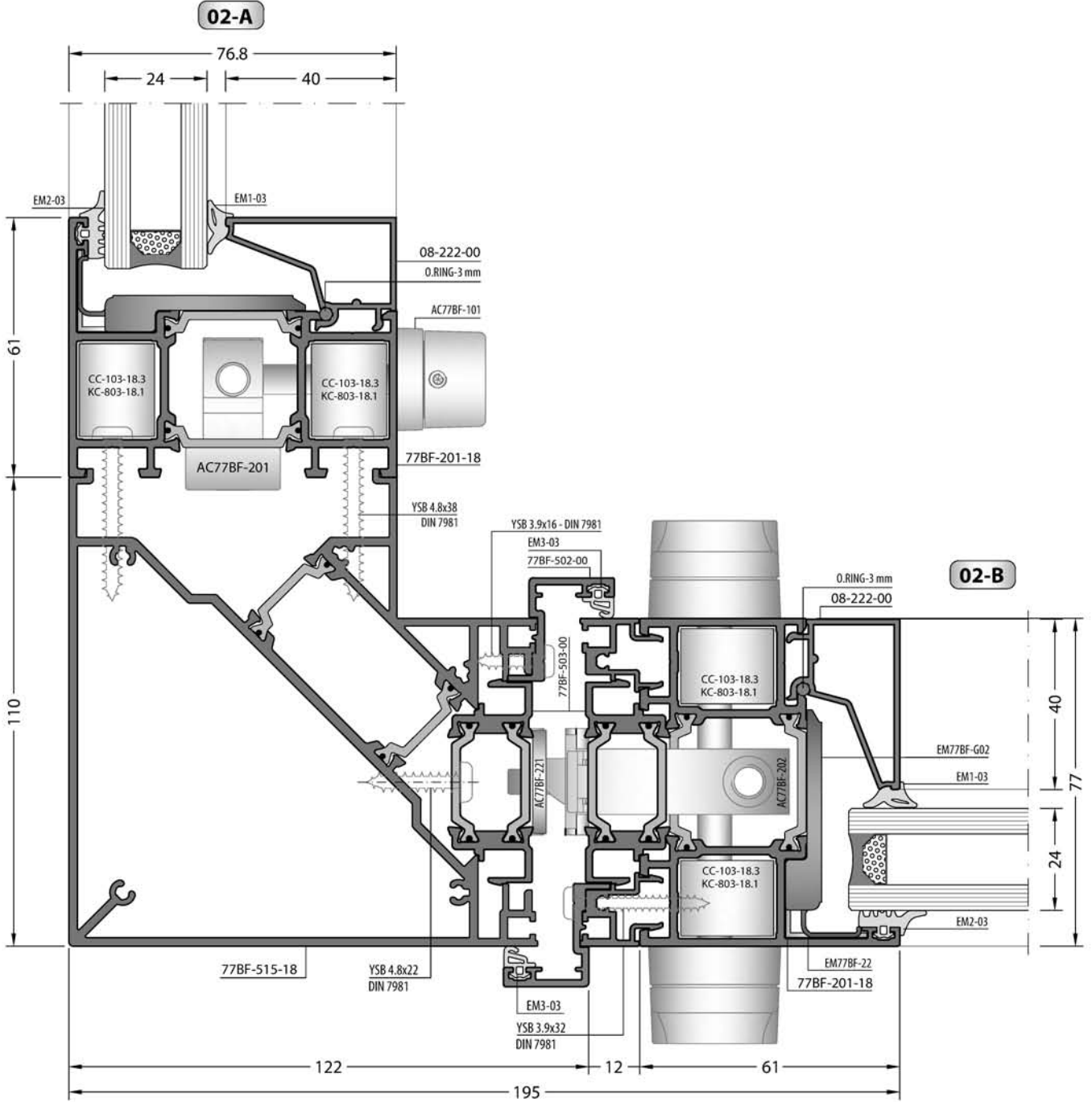
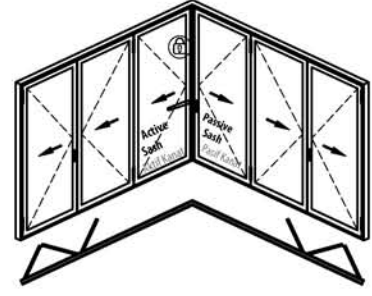


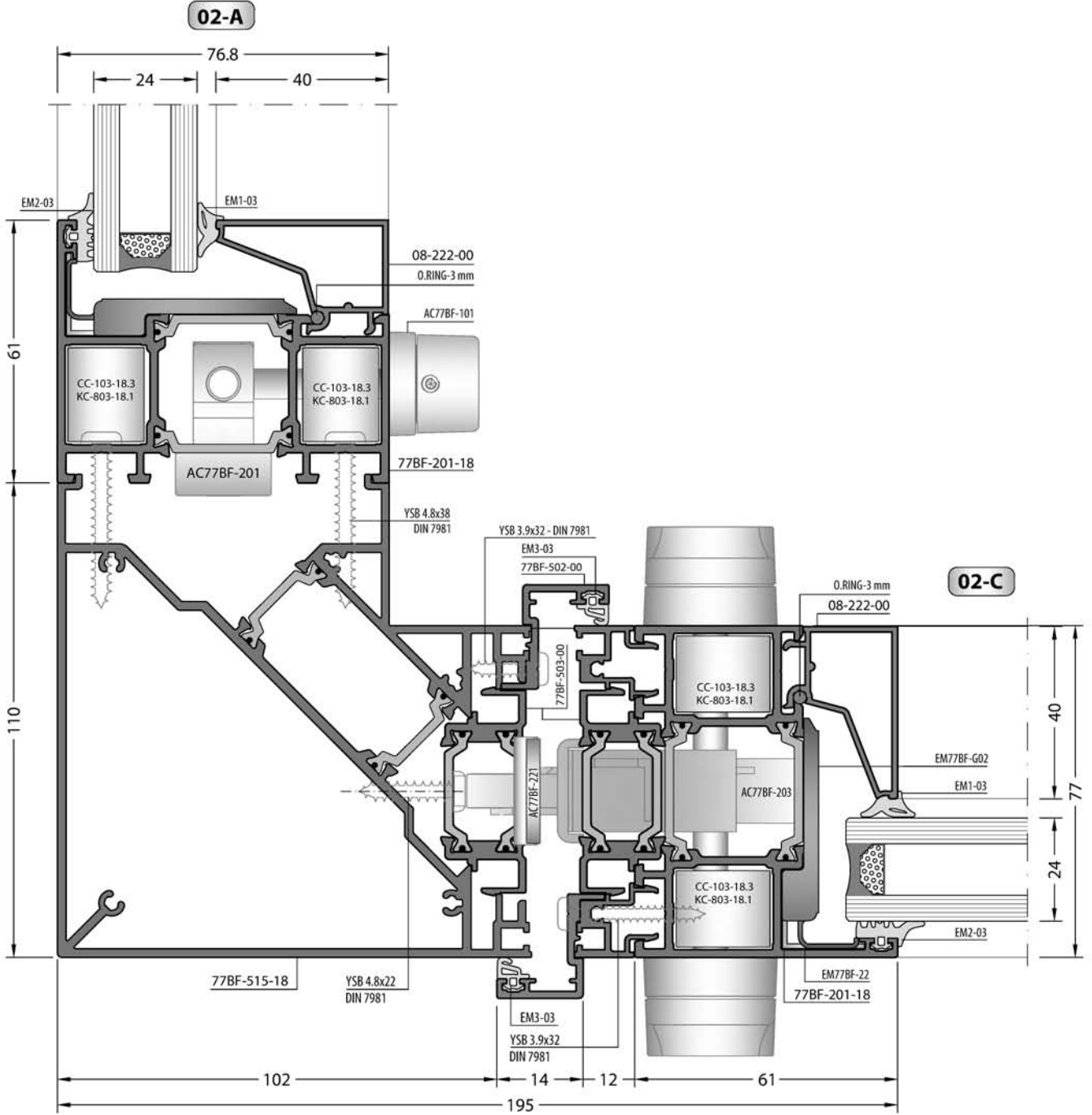
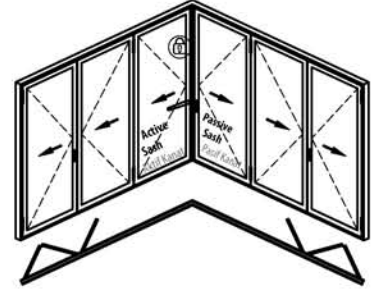
10-C

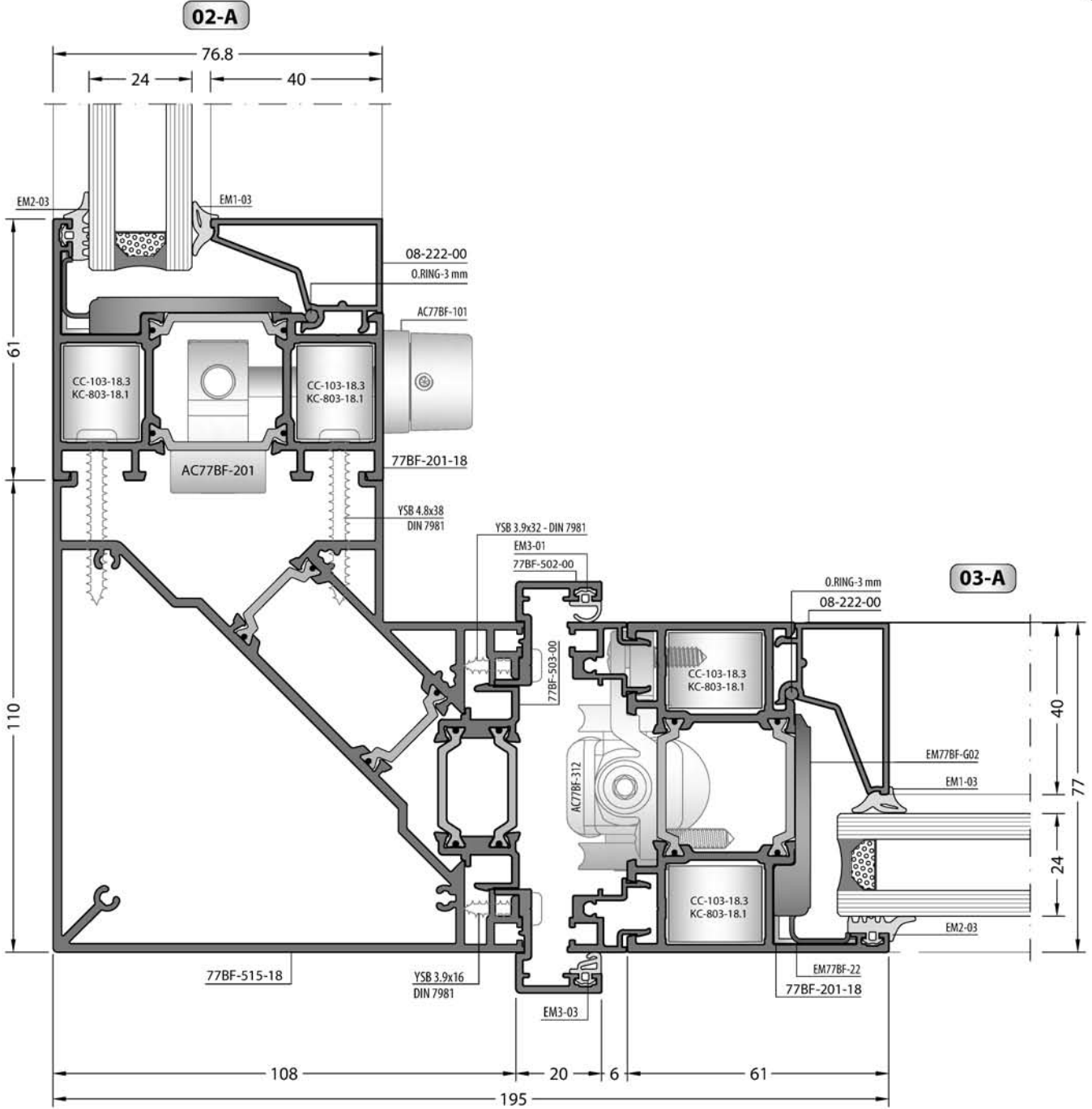
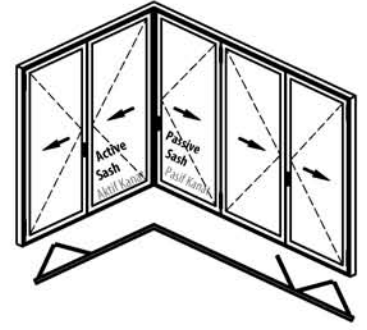


10-D



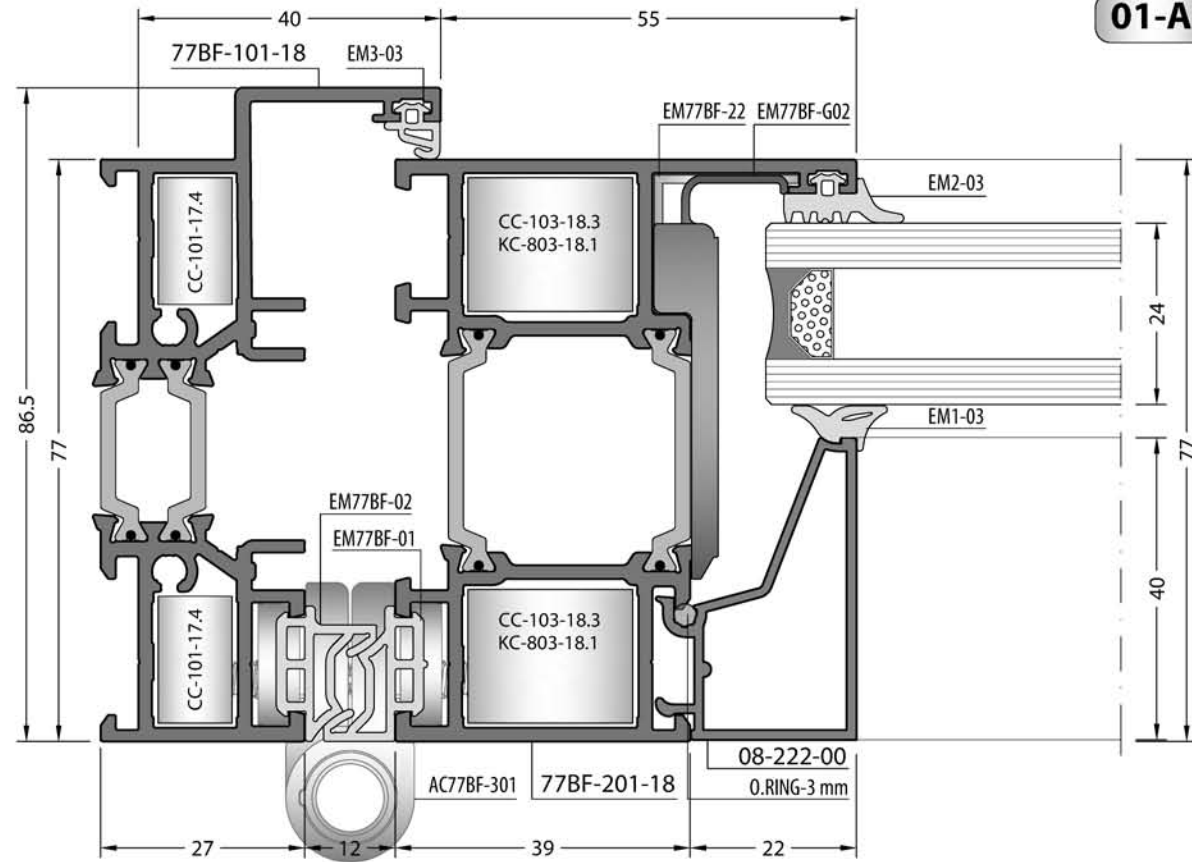




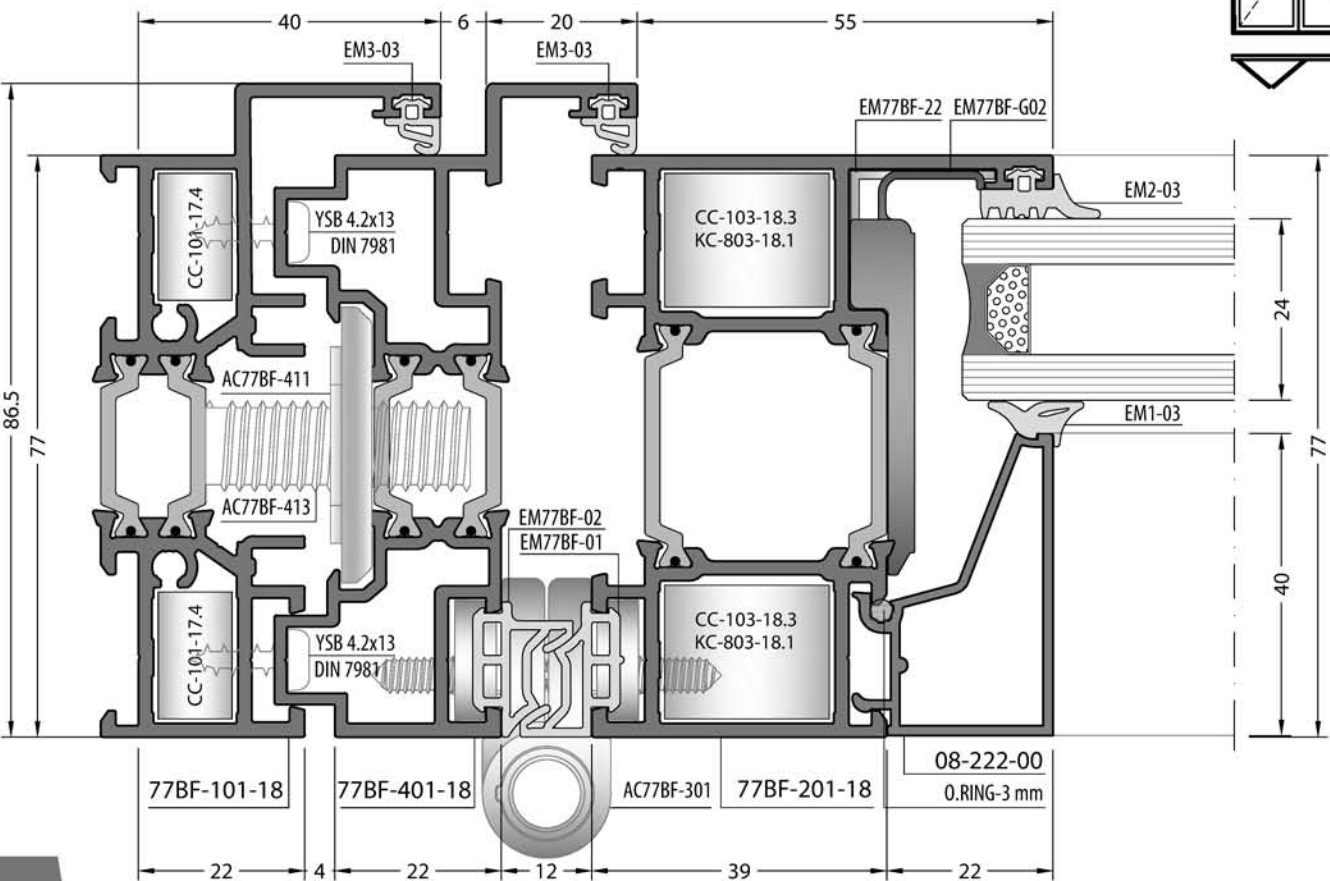
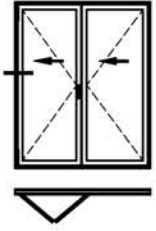


45°

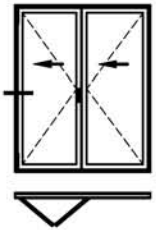
DETAILS / DETAYLAR



01-A

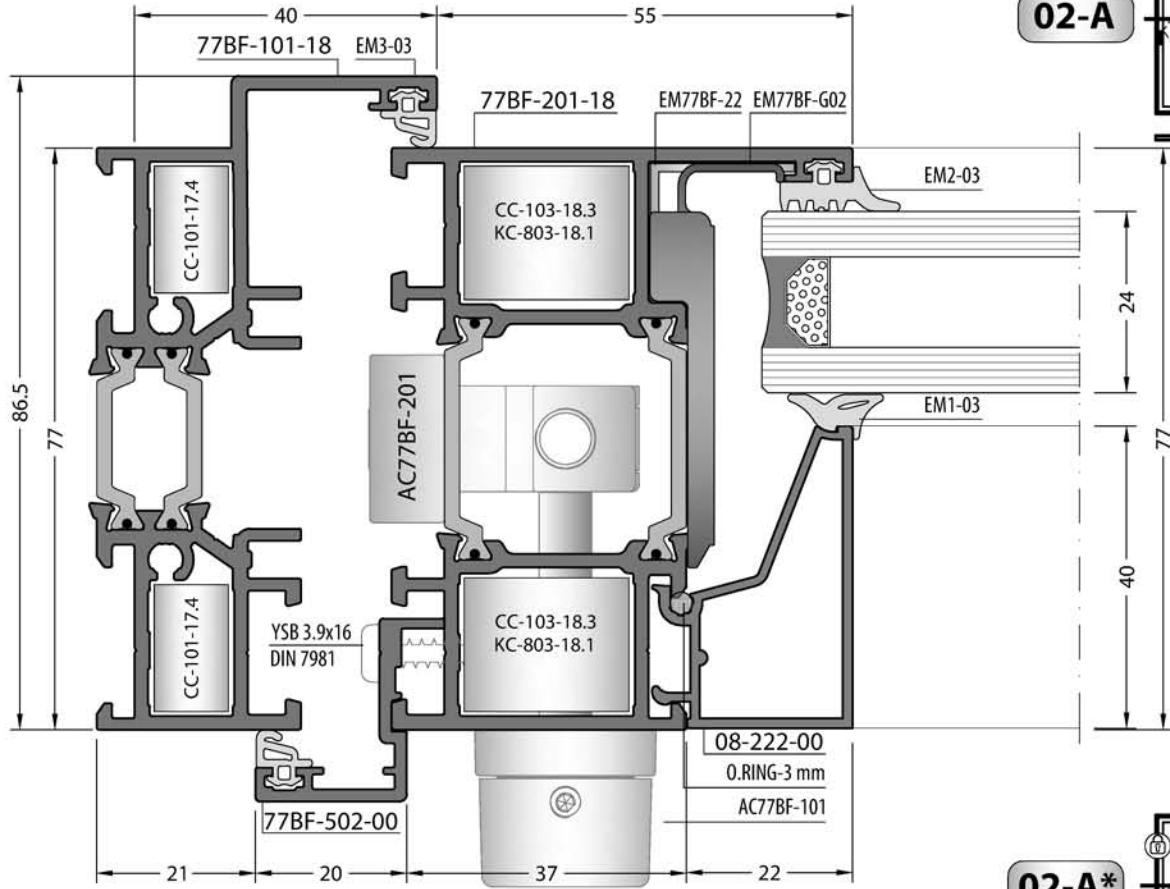


01-A*

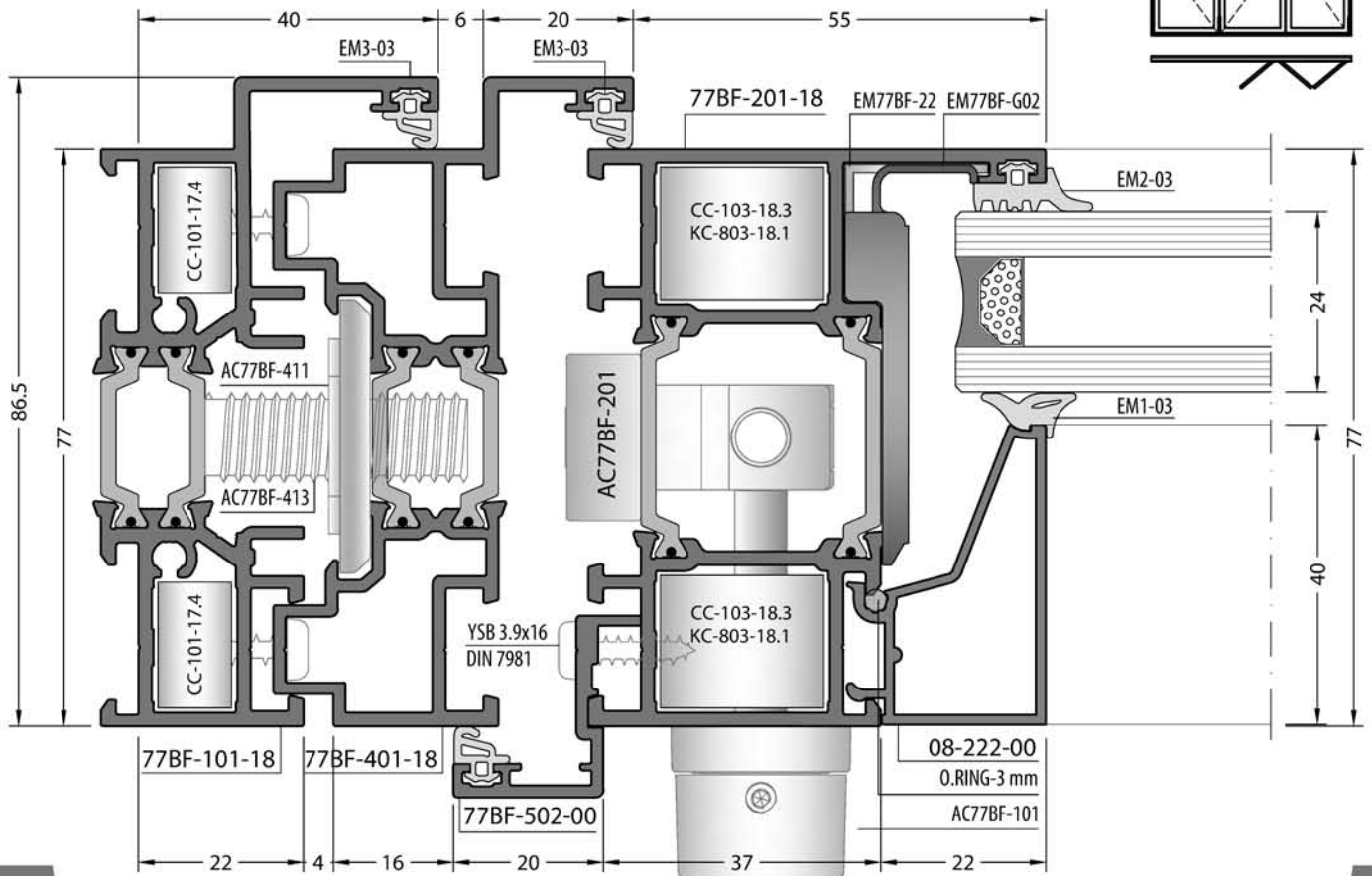


Frame Connection 45° / Kasa Birleşim 45°

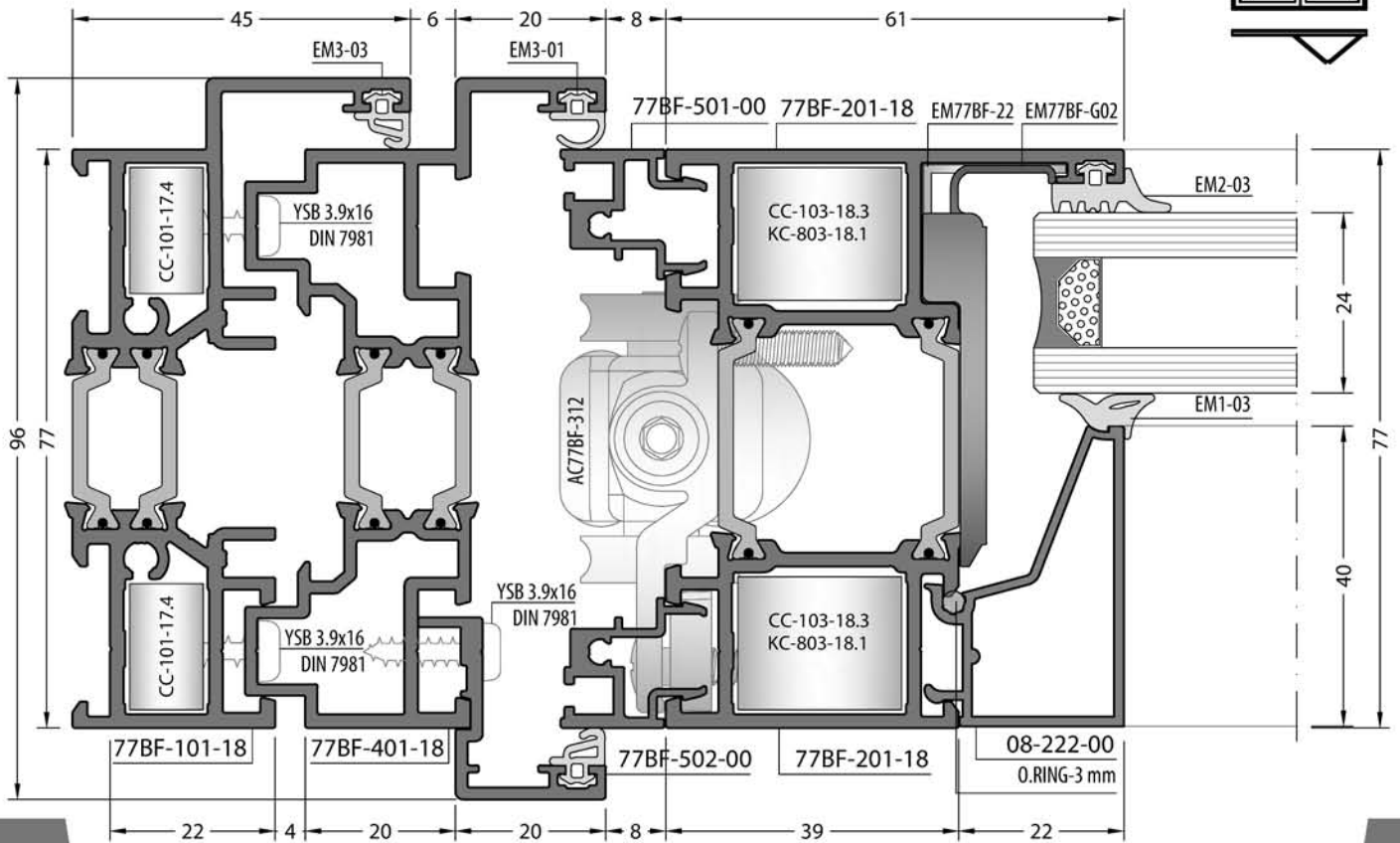
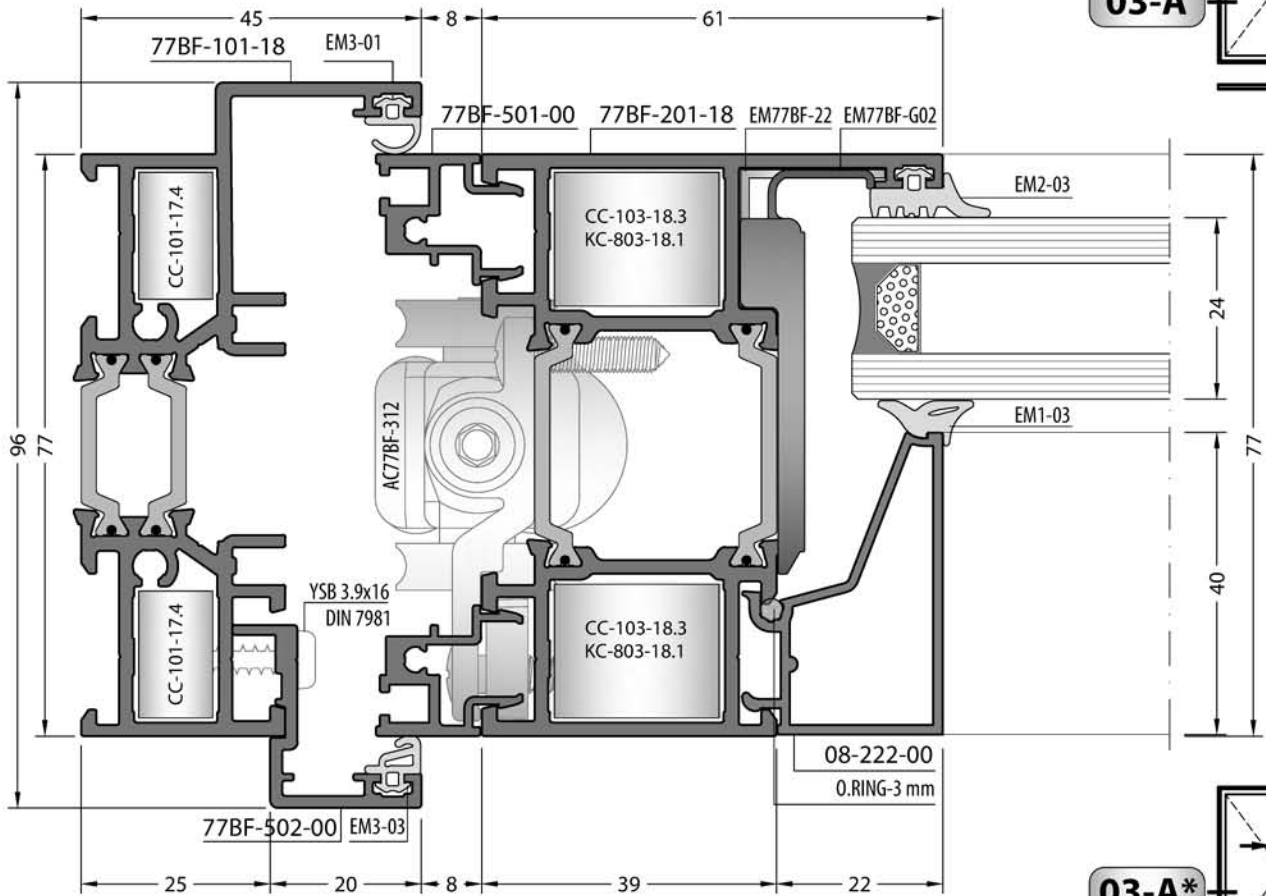
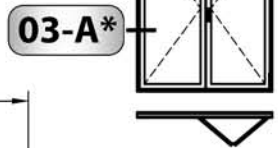
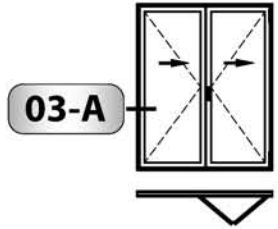
Inward Opening / İçe Açılır



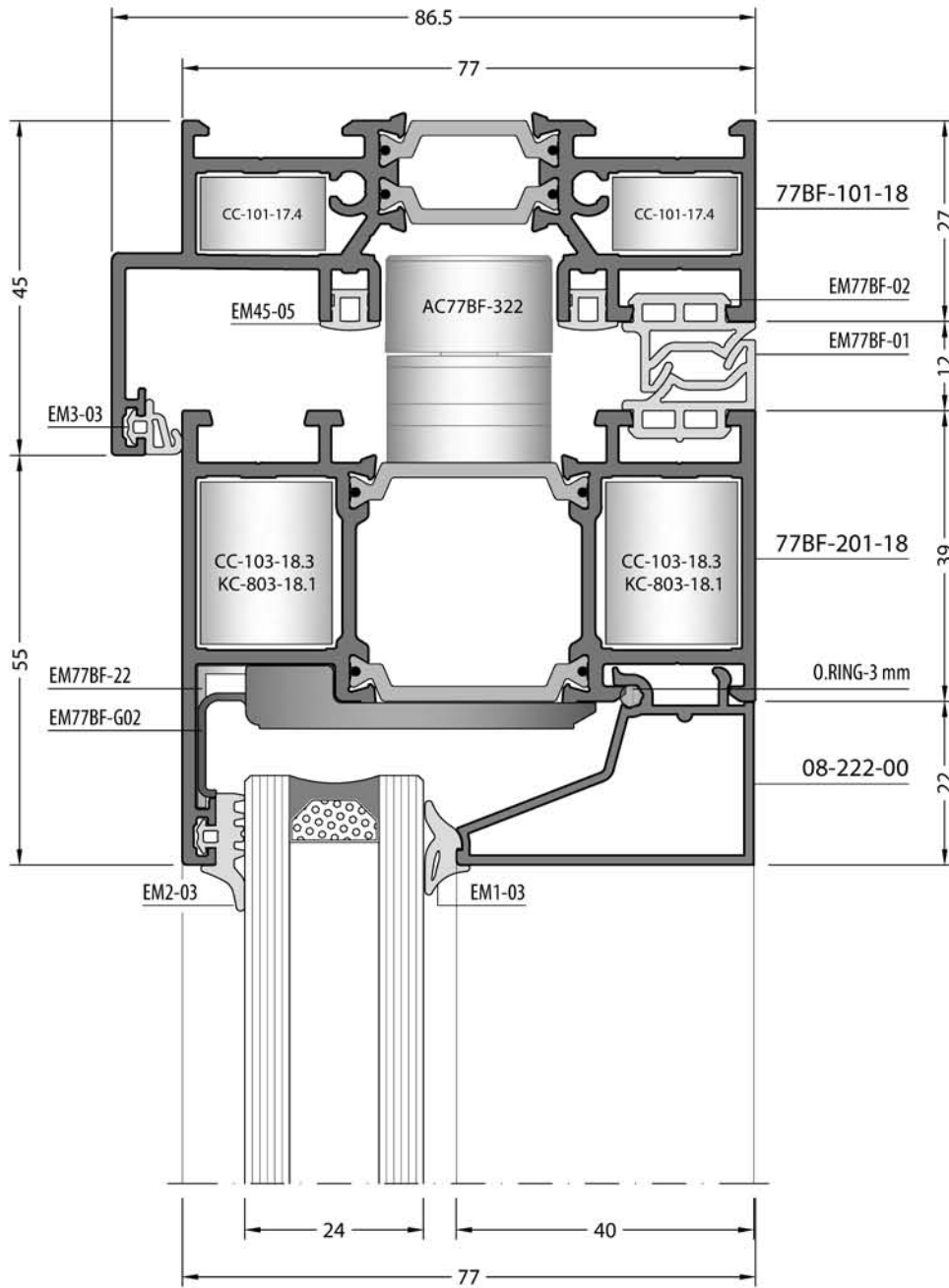
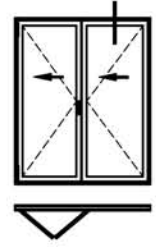
02-A



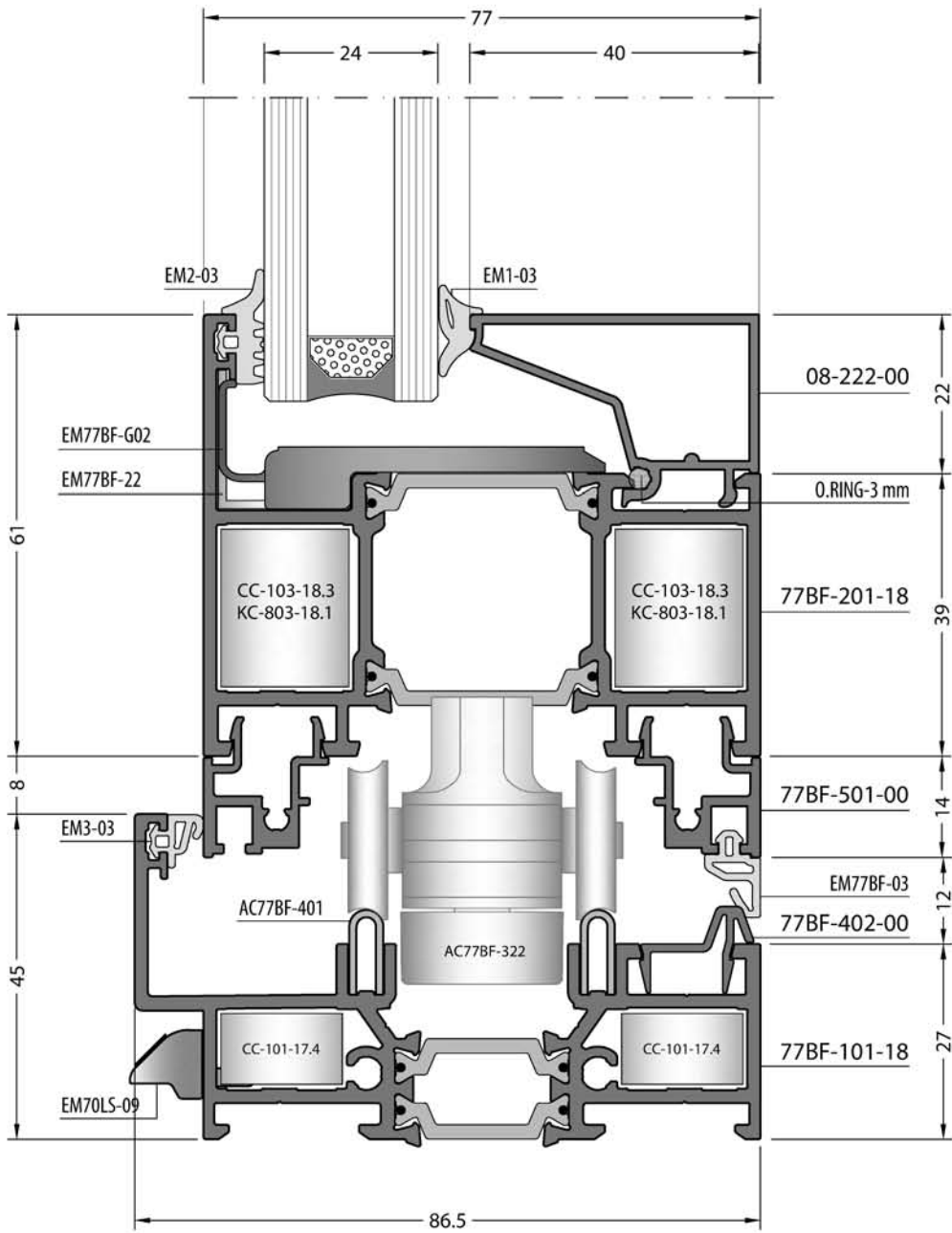
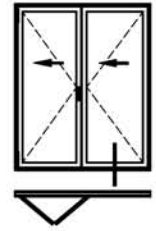
02-A*



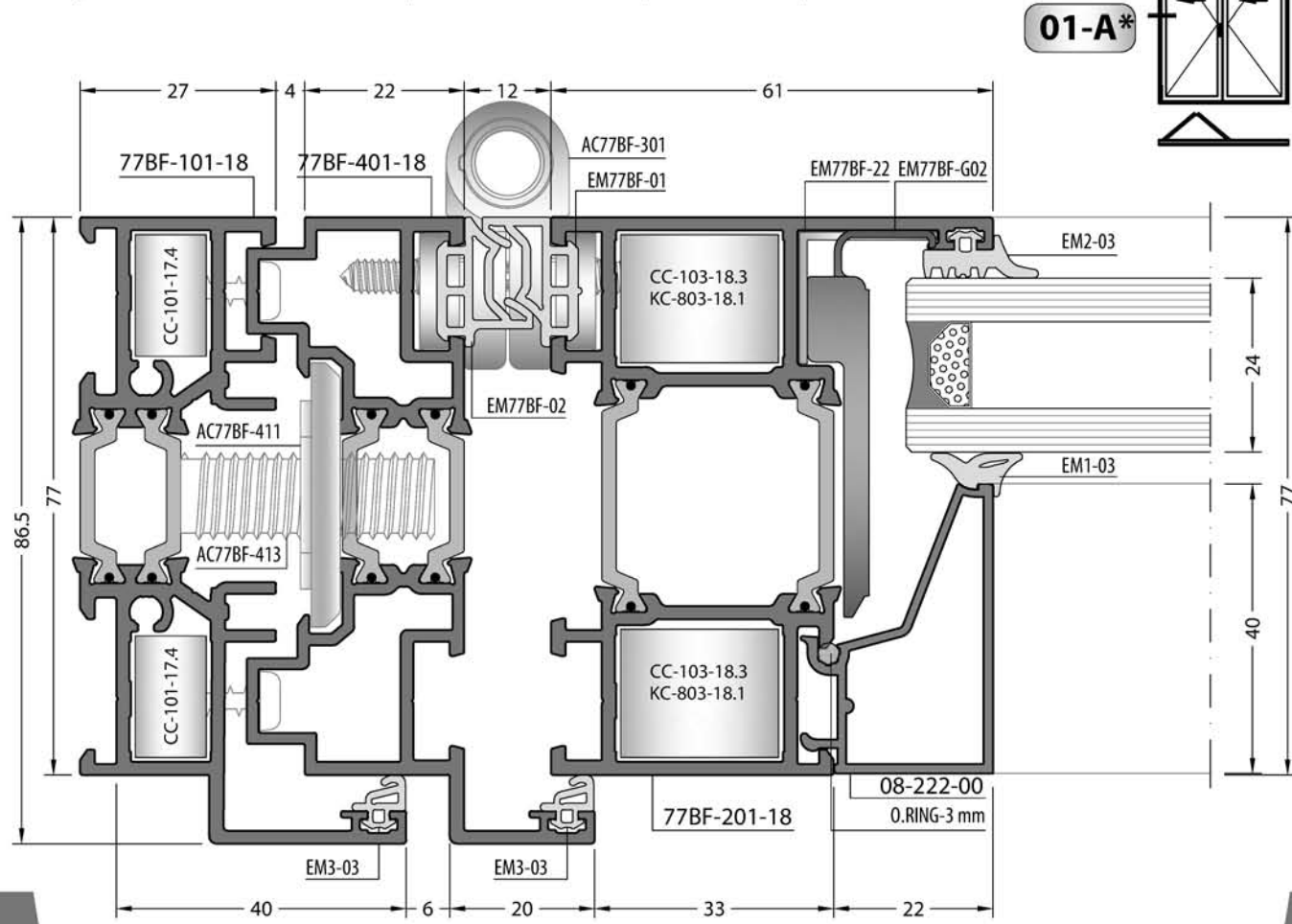
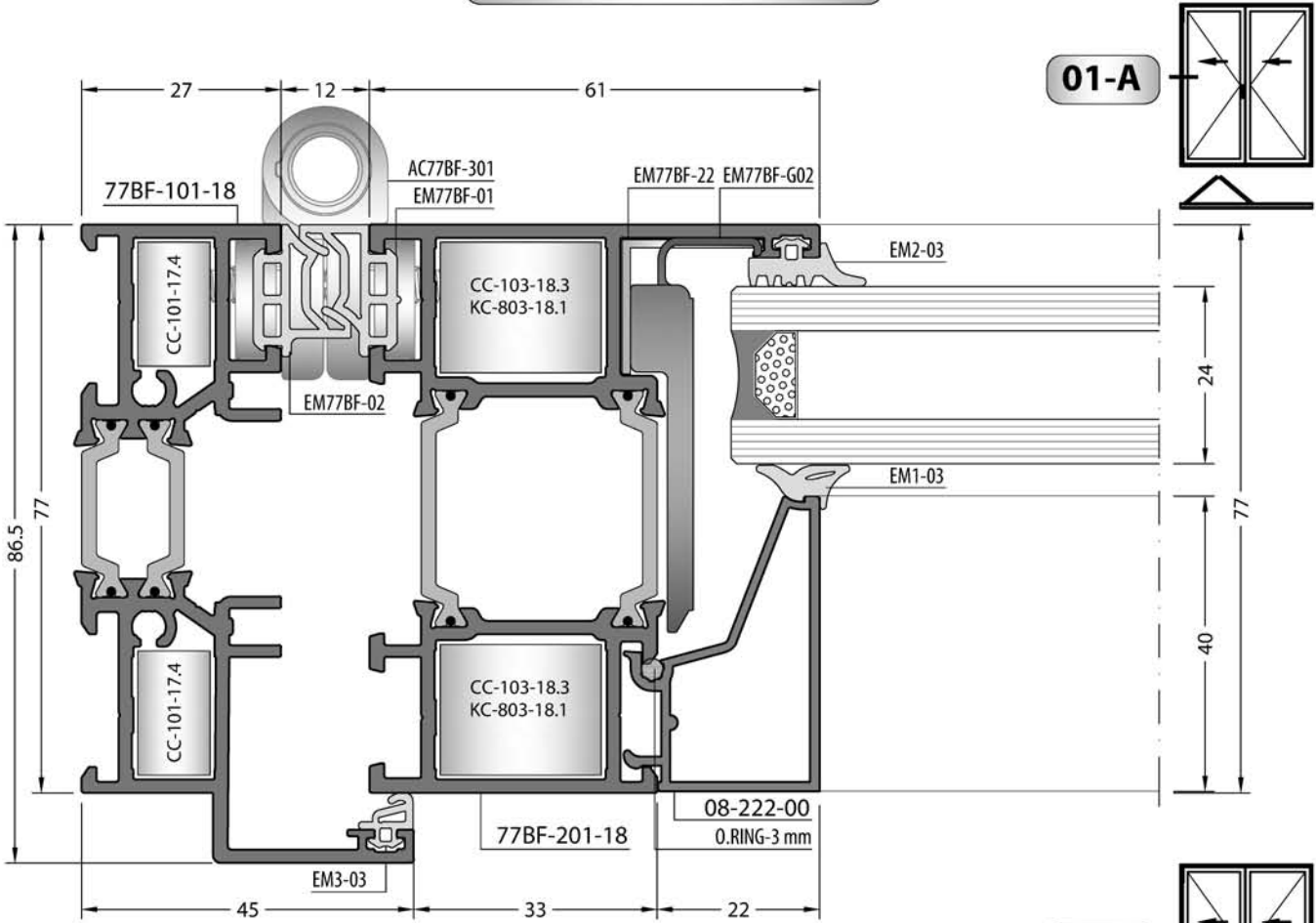
09-A



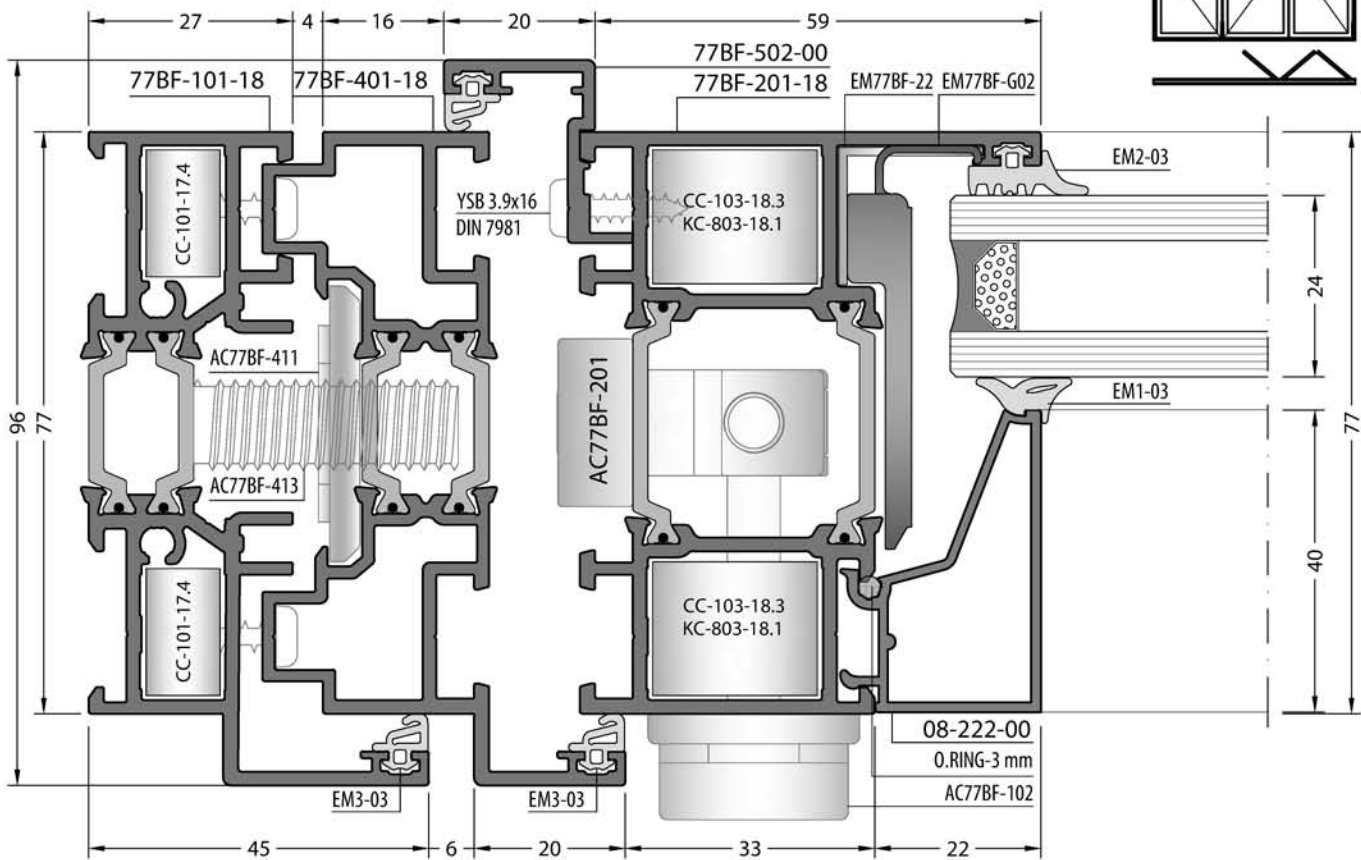
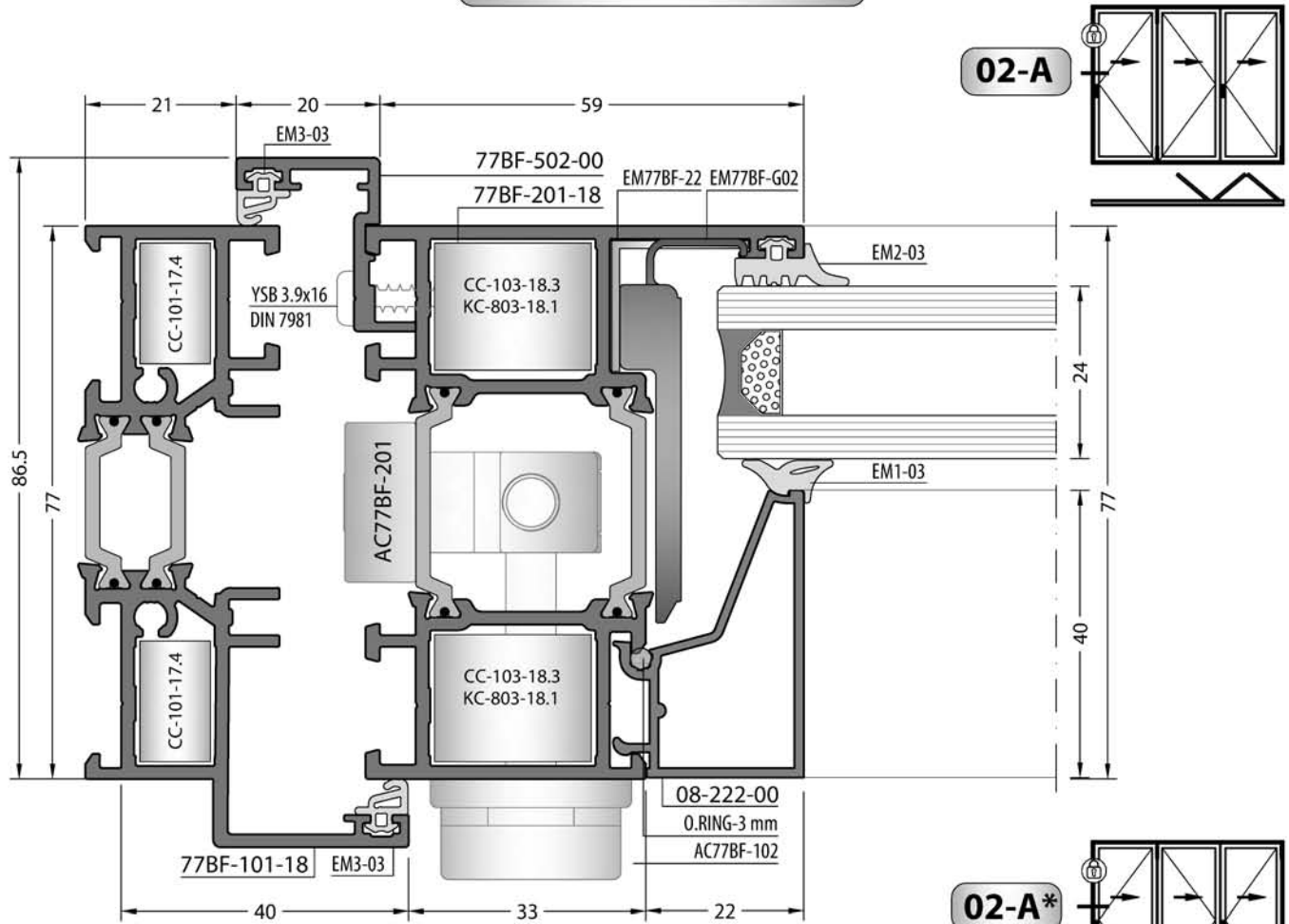
10-A



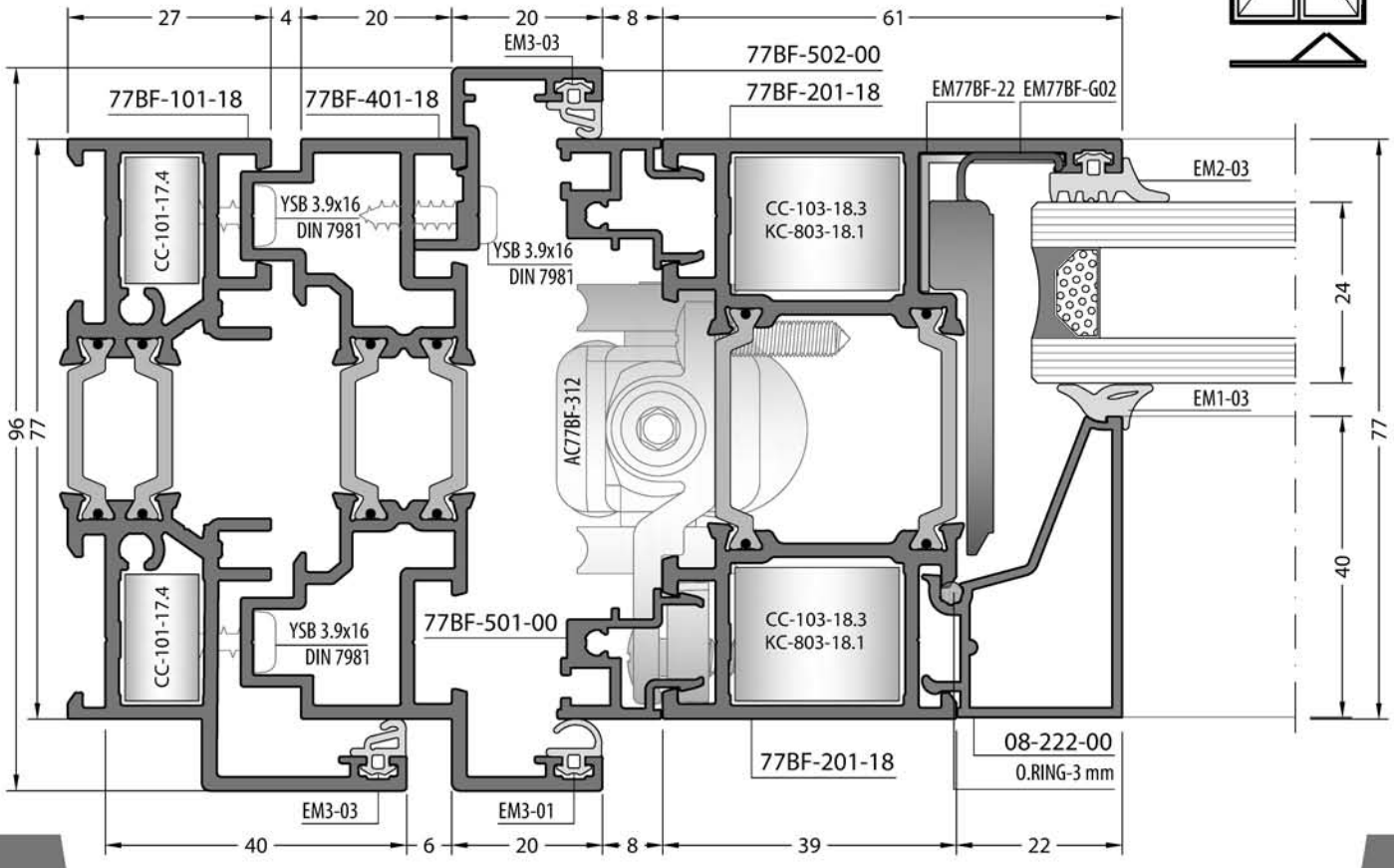
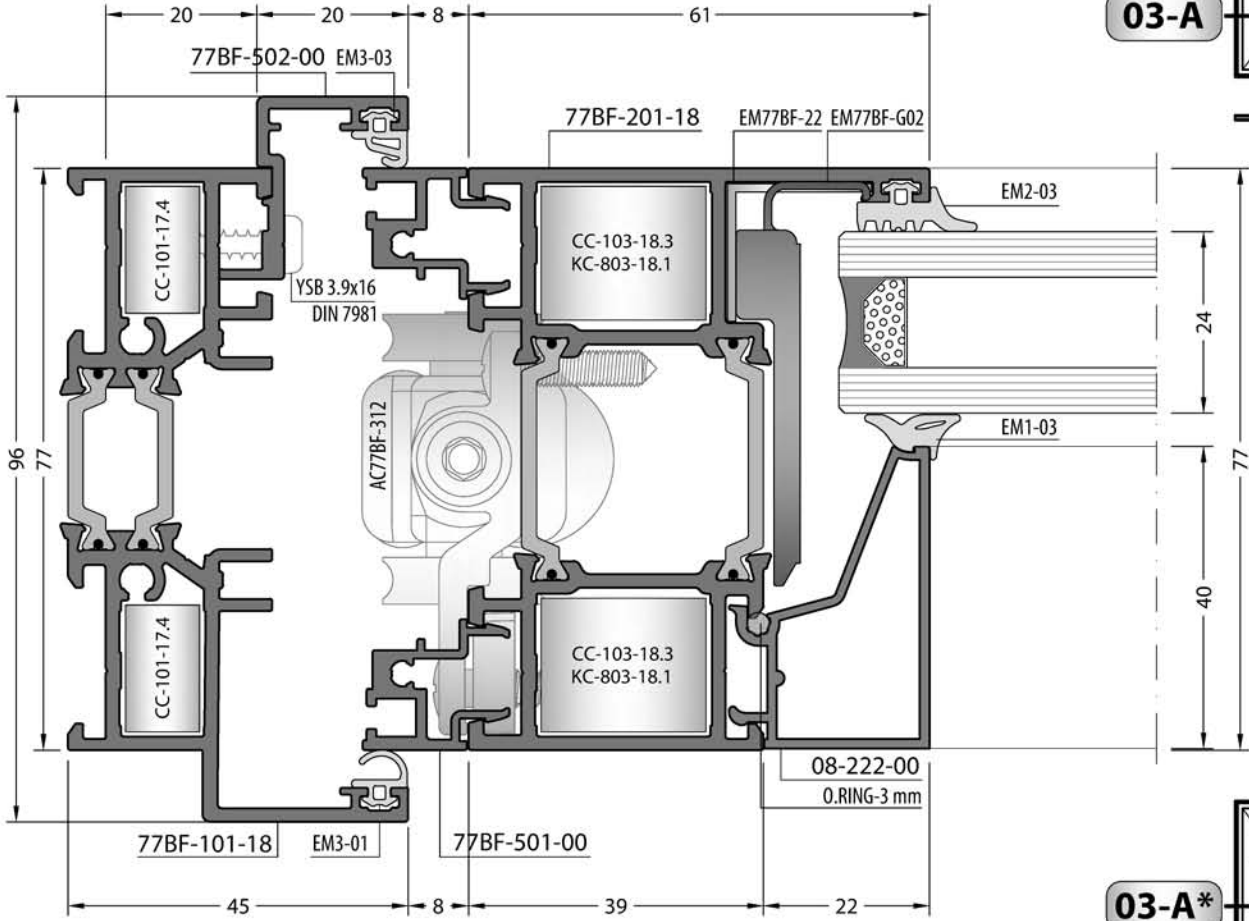
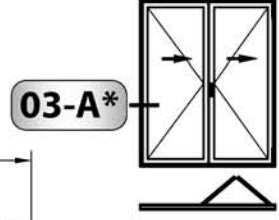
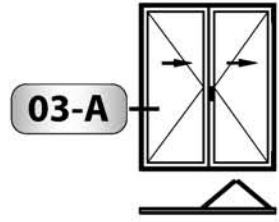
Frame Connection 45° / Kasa Birleşim 45°



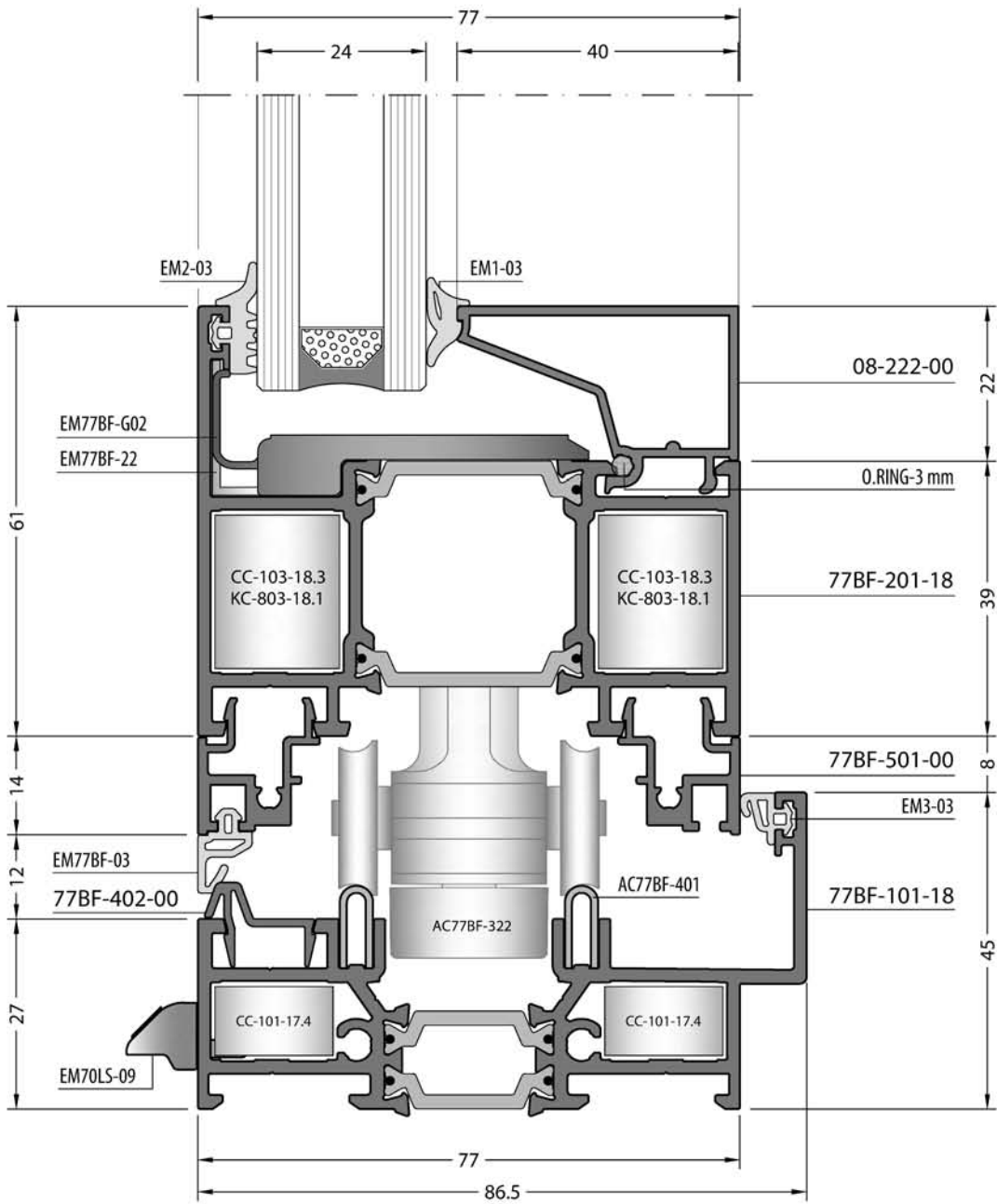
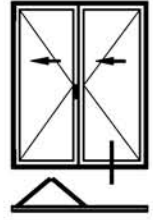
Frame Connection 45° / Kasa Birleşim 45°



Frame Connection 45° / Kasa Birleşim 45°



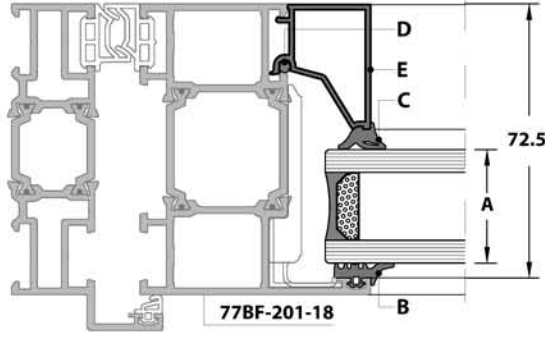
10-A



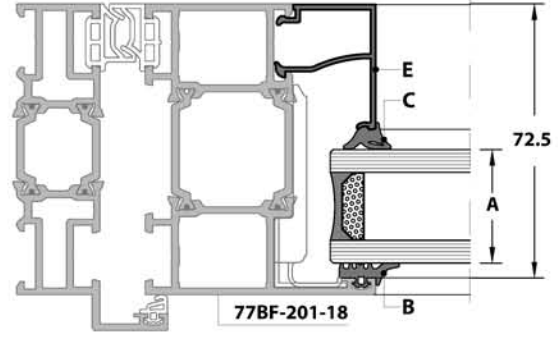
GLAZING TABLES / CAM TABLOLARI

GLAZING TABLES / CAM TABLOSU

SAFETY GLAZING BEAD / GÜVENLİKLİ CAM ÇİTASI



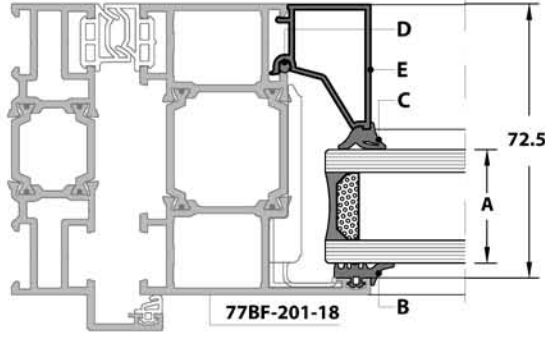
STANDARD GLAZING BEAD / STANDART CAM ÇİTASI



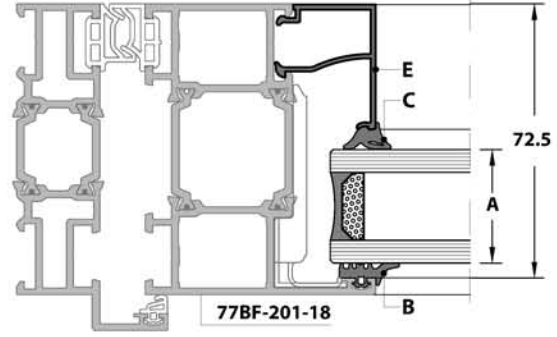
A	B	C	D	E	E
GLAZING THICKNESS CAM KALINLIĞI	OUTSIDE GLASS GASKET DIŞ CAM FİTİLİ	INSIDE GLASS GASKET İÇ CAM FİTİLİ	SAFETY GLAZING BEAD GÜVENLİKLİ CAM ÇİTASI	STANDARD GLAZING BEAD STANDART CAM ÇİTASI	STANDARD GLAZING BEAD STANDART CAM ÇİTASI
14 mm	EM2-03	EM1-05	O.RING-3 mm	08-224-00	-
15 mm		EM1-04			
16 mm		EM1-03			
17 mm	EM2-03	EM1-05	O.RING-3 mm	08-223-00	-
18 mm		EM1-04			
19 mm		EM1-03			
20 mm	EM2-03	EM1-05	O.RING-3 mm	08-221-00	08-121-00
21 mm		EM1-04			
22 mm		EM1-03			
22 mm	EM2-03	EM1-05	O.RING-3 mm	08-222-00	08-122-00
23 mm		EM1-04			
24 mm		EM1-03			
25 mm	EM2-03	EM1-05	O.RING-3 mm	08-216-00	08-116-00
26 mm		EM1-04			
27 mm		EM1-03			
28 mm	EM2-03	EM1-06	O.RING-3 mm	08-215-00	08-115-00
29 mm	EM2-03	EM1-05	O.RING-3 mm	08-215-00	08-115-00
30 mm		EM1-04			
31 mm		EM1-03			

GLAZING TABLES / CAM TABLOSU

SAFETY GLAZING BEAD / GÜVENLİKLİ CAM ÇİTASI

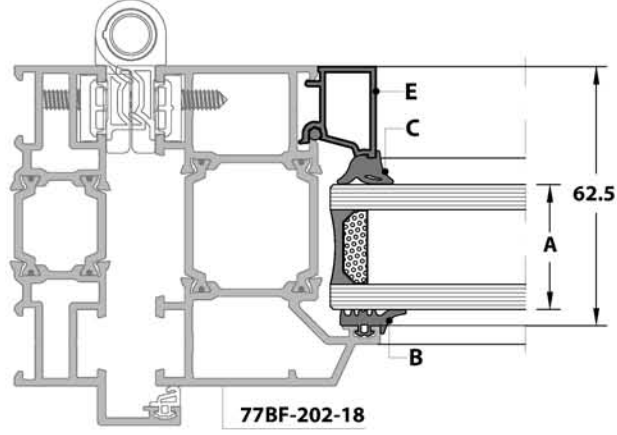


STANDARD GLAZING BEAD / STANDART CAM ÇİTASI



A	B	C	D	E	E
GLAZING THICKNESS CAM KALINLIĞI	OUTSIDE GLASS GASKET DIŞ CAM FİTİLİ	INSIDE GLASS GASKET İÇ CAM FİTİLİ	SAFETY GLAZING BEAD GÜVENLİKLİ CAM ÇİTASI	STANDARD GLAZING BEAD STANDART CAM ÇİTASI	STANDARD GLAZING BEAD STANDART CAM ÇİTASI
32 mm	EM2-03	EM1-05	O.RING-3 mm	08-217-00	08-117-00
33 mm		EM1-04			
34 mm		EM1-03			
34 mm	EM2-03	EM1-05	O.RING-3 mm	08-213-00	08-113-00
35 mm		EM1-04			
36 mm		EM1-03			
37 mm	EM2-03	EM1-05	O.RING-3 mm	08-212-00	08-112-00
38 mm		EM1-04			
39 mm		EM1-03			
40 mm	EM2-03	EM1-05	O.RING-3 mm	08-209-00	08-109-00
41 mm		EM1-04			
42 mm		EM1-03			
43 mm	EM2-03	EM1-05	O.RING-3 mm	08-208-00	08-108-00
44 mm		EM1-04			
45 mm		EM1-03			
45 mm	EM2-03	EM1-05	O.RING-3 mm	08-207-00	08-107-00
46 mm		EM1-04			
47 mm		EM1-03			
48 mm	EM2-03	EM1-05	O.RING-3 mm	08-205-00	08-105-00
49 mm		EM1-04			
50 mm		EM1-03			


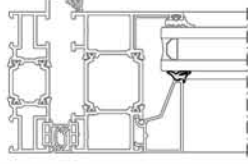

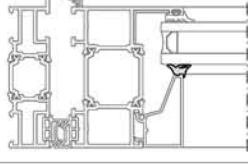

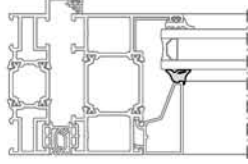

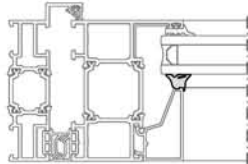

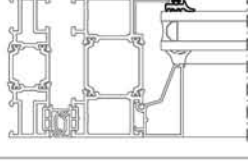

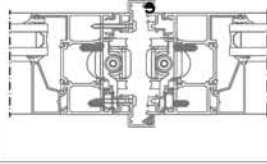

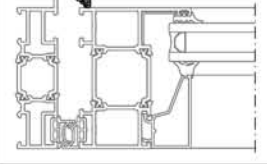

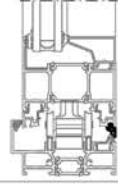

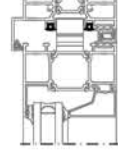
GLAZING TABLES / CAM TABLOSU



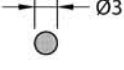
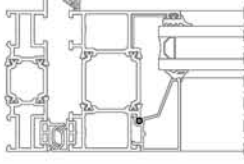

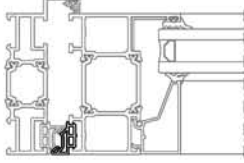

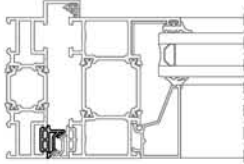
A	B	C	D	E
GLAZING THICKNESS CAM KALINLIĞI	OUTSIDE GLASS GASKET DIŐ CAM FİTİLİ	INSIDE GLASS GASKET İÇ CAM FİTİLİ	SAFETY GLAZING BEAD GÜVENLİKLİ CAM ÇİTASI	
23 mm	EM2-03	EM1-05	O.RING-3 mm	08-314-00
24 mm		EM1-04		
25 mm		EM1-03		
27 mm	EM2-03	EM1-05	O.RING-3 mm	08-312-00
28 mm		EM1-04		
29 mm		EM1-03		
30 mm	EM2-03	EM1-05	O.RING-3 mm	08-309-00
31 mm		EM1-04		
32 mm		EM1-03		
33 mm	EM2-03	EM1-05	O.RING-3 mm	08-308-00
34 mm		EM1-04		
35 mm		EM1-03		

ACCESSORIES / AKSESUARLAR


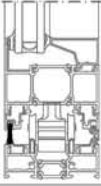
GASKETS / FITİLLER

CODE / KOD	DRAWING / ÇİZİM	APPLICATION UYGULAMA	DESCRIPTION AÇIKLAMA	MATERIAL MALZEME	WEIGHT AĞIRLIK Kg/m	IN ONE PACKAGE PAKET MİKTARI
EM1-03			Glazing Gasket Inside İç Cam Fitili	EPDM	0.050	300 m
EM1-04			Glazing Gasket Inside İç Cam Fitili	EPDM	0.065	230 m
EM1-05			Glazing Gasket Inside İç Cam Fitili	EPDM	0.071	210 m
EM1-06			Glazing Gasket Inside İç Cam Fitili	EPDM	0	0
EM2-03			Glazing Gasket Outside Dış Cam Fitili	EPDM	0.069	215 m
EM3-01			Acoustical Gasket Bini Fitili	EPDM	0.032	465 m
EM3-03			Acoustical Gasket Bini Fitili	EPDM	0.031	400 m
EM77BF-03			Acoustical Gasket Bini Fitili	EPDM	0.044	340 m
EM45-05			Frame Gasket Kasa Fitili	EPDM	0.000	550 m


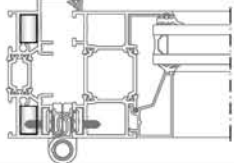

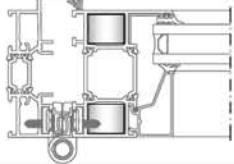
GASKETS / FİTİLLER

CODE / KOD	DRAWING / ÇİZİM	APPLICATION UYGULAMA	DESCRIPTION AÇIKLAMA	MATERIAL MALZEME	WEIGHT AĞIRLIK Kg/m	IN ONE PACKAGE PAKET MİKTARI
O.RING-3 mm			Foam Gasket Sünger Fitol	EPDM	0.005	100 m
EM77BF-01			Isolation Gasket İzolasyon Fitol	EPDM	0.105	140 m
EM77BF-02			Isolation Gasket İzolasyon Fitol	EPDM	0.105	140 m


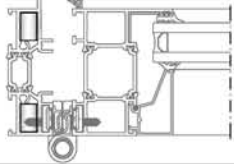

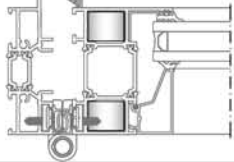
BRUSH / FIRÇA

CODE / KOD	DRAWING / ÇİZİM	APPLICATION UYGULAMA	DESCRIPTION AÇIKLAMA	MATERIAL MALZEME	WEIGHT AĞIRLIK Kg/m	IN ONE PACKAGE PAKET MİKTARI
AC77BF-421			Brush / Fırça Metal Gövdeli Kıl Fırça	-	-	0cm / 0 cm


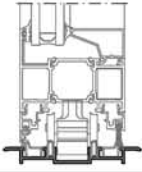

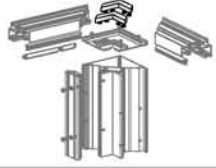

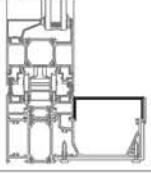

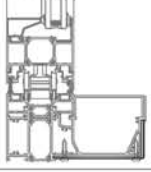

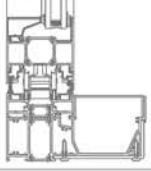
PRESS CORNER JOINTS / PRES KÖŞE BAĞLANTILAR

CODE / KOD	DRAWING / ÇİZİM	APPLICATION / UYGULAMA	PROFILE CODE PROFİL KOD	CUTTING SIZE KESİM ÖLÇÜSÜ	APPLICATION PROFILES ÇALIŞTIĞI PROFİLLER
CC-101-17.4			09-101-00	17.4 mm	77BF-101-18
CC-103-18.3			09-103-00	18.3 mm	77BF-201-18

MECHANICAL CORNER JOINTS / MEKANİK KÖŞE BAĞLANTILAR

CODE / KOD	DRAWING / ÇİZİM	APPLICATION / UYGULAMA	PROFILE CODE PROFİL KOD	CUTTING SIZE KESİM ÖLÇÜSÜ	APPLICATION PROFILES ÇALIŞTIĞI PROFİLLER
KC-801-17.2			09-801-00	17.2 mm	77BF-101-18
KC-803-18.1			09-803-00	18.1 mm	77BF-201-18









Connection Items / Bağlantı Ürünleri








CODE / KOD	DRAWING / ÇİZİM	APPLICATION / UYGULAMA	PROFILE CODE PROFİL KOD	CUTTING SIZE KESİM ÖLÇÜSÜ	APPLICATION PROFILES ÇALIŞTIĞI PROFİLLER
CA77BF-103			FRAME CORNER JOINT KASA KÖŞE BAĞLANTI	-	77BF-103-00
CA77BF-121			KÖŞE DÖNÜŞ KASA BAĞLANTI	-	77BF-111-18
CA77BF-151-01			OLU SACI	-	77BF-151-00
CA77BF-151-02			-	-	77BF-151-00
CA77BF-151-03			OLUK KAPAĞI	-	77BF-151-00

PACKAGE CODE PAKET KODU	DRAWING ÇİZİM	DESCRIPTION AÇIKLAMA
AC77BF-101		MINIMAL HANDLE (INWARD OPENING) KOL (İÇE AÇILIR)
AC77BF-102		MINIMAL HANDLE (OUTWARD OPENING) KOL (DIŞA AÇILIR)
AC77BF-103		DOUBLE HANDLE MASTER KOL
AC77BF-111		PULL HANDLE ÇEKME KOL
AC77BF-112		HINGE WITH THREADED PLATE ÇEKME KOL
AC77BF-201		TWO-WAY MOVEMENT KOL İLETİŞİM EKİPMANI
AC77BF-202		MULTIPOINT CENTER LOCK TWO WAY KİLİT
AC77BF-203		3 LOCKING POINT VERTICAL LOCK 3 NOKTADAN KİLİTLEMELİ İSPANYOLET
Door.Cyl.100		DOOR CYLINDER 100 mm SİLİNDİR 100 mm
AC77BF-204		UPDOWN CONNECTION FOR TRIPLE LOCK 3 NOKTADAN KİLİTLİ İSPANYOLET İÇİN GÜJON BAĞLANTI APARATI
AC77BF-211		LOCKING ROD KIT KİLİTLEME TUJ TAKIMI
EM77BF-281		SASH GUIDE SET KANAT KILAVUZ YUVASI

PACKAGE CODE PAKET KODU	DRAWING ÇİZİM	DESCRIPTION AÇIKLAMA
AC77BF-221		ADJUSTABLE COUNTERPLATE KİLİT KARŞILIĞI
AC77BF-222		3 LOCKING POINT ADJUSTABLE COUNTERPLATE 3 NOKTADAN KİLİTLEMELİ KİLİT KARŞILIĞI
AC77BF-231		LEVER BOLT FİŞEK SÜRGÜ
AC77BF-232		STRIKER FİŞEK KARŞILIK
AC77BF-301		HINGE WITH THREADED PLATE KATLANIR MENTEŞESİ
AC77BF-311		LOWER ROLLER (ONE WHELL) ALT RULMAN (TEK TEKERLİ)
AC77BF-312		UPPER ROLLER (ONE WHELL) ÜST RULMAN (TEK TEKERLİ)
AC77BF-321		LOWER ROLLER (TWO WHELL) ALT RULMAN (ÇİFT TEKERLİ)
AC77BF-322		UPPER ROLLER (TWO WHELL) ÜST RULMAN (ÇİFT TEKERLİ)
AC77BF-401		STAINLESS RAIL PASLANMAZ RAY (3,25 M)
AC77BF-411		FRAME ADJUSTING PLATE KASA AYAR PARÇASI
AC77BF-412		SETSKUR SETSKUR

ACCESSORIES / AKSESUARLAR

PACKAGE CODE PAKET KODU	DRAWING ÇİZİM	DESCRIPTION AÇIKLAMA
AC77BF-413		SETSKUR SETSKUR
AC77BF-431		SASH HOLDER KANAT TUTUCU
EM77BF-221		LOCK AND STIKER ADAPTER KİLİT VE KARŞILIK ADAPTÖRÜ
EM77BF-511		DROPPER CAP DAMLALIK KAPAĞI
EM77BF-C01		EPDM CORNER ENJECTION EPDM KÖŞE ENJEKSİYON
EM77BF-C02		EPDM CORNER ENJECTION EPDM KÖŞE ENJEKSİYON
EM77BF-23		FRAME JOINT INSULATION PLASTIC KASA BİRLEŞİM İZOLASYON PLASTİĞİ
EM77BF-501A		HORIZONTAL ADAPTOR PLASTIC CAP YATAY ADAPTÖR PLASTİK KAPAK

PACKAGE CODE PAKET KODU	DRAWING ÇİZİM	DESCRIPTION AÇIKLAMA
EM77BF-501B		VERTICAL ADAPTOR PLASTIC CAP DÜŞEY ADAPTÖR PLASTİK KAPAK
EM77BF-502		ADAPTOR PLASTIC CAP BİNİ ADAPTÖR PLASTİK KAPAK
EM77BF-91		ROD GUIDE PLASTIC GÜJON KILAVUZ PLASTİĞİ
EM77BF-G02		SASH WEDGE KANAT CAM TAKOZU
EM77BF-22		PVC CORNER ALIGNMENT PVC KÖŞE GÖNYE
EM77BF-515		CORNER CAP SET KÖŞE DÖNÜŞ KAPAK TAKIMI
EM70LS-09		DRANAIGE CAP TAHLİYE KAPAĞI

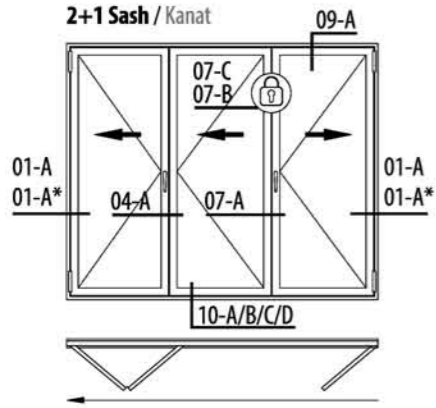
77BF KATLANIR KAYAR SİSTEM					PASSIVE / PASİF				ACTIVE / AKTİF															
SYSTEM CODE SİSTEM KODU	PICTURE RESİM	PACKAGE PAKET	DESCRIPTION / TANIM	OPENING AÇILIM	1	3	5	7	1	2	3	4	5	6	7	2A	3A	02-B	02-C	3A	02-B	02-C		
AC77BF-101		PIECE ADET	MINIMAL HANDLE (INWARD OPENING) KOL İÇİ AÇILIR	INWARD İÇİ AÇILIR																				
AC77BF-102		PIECE ADET	MINIMAL HANDLE (OUTWARD OPENING) KOL DIŞI AÇILIR	OUTWARD DIŞI AÇILIR																				
AC77BF-103		PIECE ADET	DOUBLE HANDLE MAKTER KOL																					
AC77BF-111		PIECE ADET	PULL HANDLE ÇEKME KOL	INWARD İÇİ AÇILIR																				
AC77BF-112		PIECE ADET	HINGE WITH THREADED PLATE ÇEKME KOL	OUTWARD DIŞI AÇILIR																				
AC77BF-201		PIECE ADET	TWO-WAY MOVEMENT KOL İKİ YÖNDE HAREKET																					
AC77BF-202		PIECE ADET	MULTIPOINT LOCKING TWO-WAYS MOVEMENTS, INTERNAL RODS KİLİT																					
AC77BF-203		PIECE ADET	3 LOCKING POINT VERTICAL LOCK 3 NOKTADAN KİLİTLEMELİ DİP VİCİLET																					
AC77BF-204		SET TAKIM	UPDOWN CONNECTION FOR TRIPLE LOCK 3 NOKTALI AŞAĞI İNİLTİLEME BAĞLANTI ARAÇI																					
Door.Cyl.100		PIECE ADET	DOOR CYLINDER 100 mm SİLİNDİR 100 mm																					
AC77BF-211		SET TAKIM	LOCKING ROD KIT KİLİTLEME TU-TAKIMI																					
EM77BF-281		SET TAKIM	SASH GUIDE SET KANAT KILAVUZ YUVASI																					
AC77BF-221		PIECE ADET	ADJUSTABLE COUNTERPLATE KİLİT KARŞIĞI																					
AC77BF-222		PIECE ADET	3 LOCKING POINT ADJUSTABLE COUNTERPLATE 3 NOKTADAN KİLİTLEMELİ KİLİT KARŞIĞI																					
EM77BF-221		SET TAKIM	LOCK AND STRIKER ADAPTER KİLİT VE KARPINER ADAPTORU																					
AC77BF-301		PIECE ADET	HINGE WITH THREADED PLATE KATLANIR MENTEŞE 1 HATTI 3 MENTEŞE KANAT-2200	INWARD İÇİ AÇILIR	3	7	11	15	6	7	10	11	14	15	6	7	10	11	14	15				
			HINGE WITH THREADED PLATE KATLANIR MENTEŞE 1 HATTI 4 MENTEŞE 2200-KANAT-3000	OUTWARD DIŞI AÇILIR	3	6	9	12	5	6	8	9	11	12	5	6	8	9	11	12				
			HINGE WITH THREADED PLATE KATLANIR MENTEŞE 1 HATTI 4 MENTEŞE 2200-KANAT-3000	INWARD İÇİ AÇILIR	4	10	16	22	8	10	14	16	20	22	8	10	14	16	20	22				
			HINGE WITH THREADED PLATE KATLANIR MENTEŞE 1 HATTI 5 MENTEŞE 3000-KANAT-3500	OUTWARD DIŞI AÇILIR	4	9	14	19	7	9	12	14	17	19	7	9	12	14	17	19				
AC77BF-311		PIECE ADET	LOWER ROLLER (ONE WHEEL) ALT RULMAN (1 TERLEK)						1		1		1						1					
AC77BF-312		PIECE ADET	UPPER ROLLER (ONE WHEEL) ÜST RULMAN (1 TERLEK)						1		1		1						1					
AC77BF-321		PIECE ADET	LOWER ROLLER (TWO WHEEL) ALT RULMAN (2 TERLEK)			1	2	3		1	1	2	2	2	3				2	2	3			
AC77BF-322		PIECE ADET	UPPER ROLLER (TWO WHEEL) ÜST RULMAN (2 TERLEK)			1	2	3			1	1	2	2	3				2	2	3			
AC77BF-401		PIECE ADET	STAINLESS RAIL PASLANMAZ RAY (1,25 M)		(2*FL)/3,25				(2*FL)/3,25															
AC77BF-411		PIECE ADET	FRAME ADJUSTING PLATE KASA AYAR PİNCİSİ		((FH-250)/200) + 1				((FH-250)/200) + 1															
AC77BF-412		PIECE ADET	SETSKUR SETSKUR		((FH-250)/200) + 1				((FH-250)/200) + 1															
AC77BF-413		PIECE ADET	SETSKUR SETSKUR		((FH-250)/200) + 1				((FH-250)/200) + 1															
AC77BF-431		SET TAKIM	SASH HOLDER KANAT TUTUCUSU			1	1	1			1		1						1					
EM77BF-511		SET TAKIM	DROPPER CAP DAMLAUR KAPAĞI	OUTWARD DIŞI AÇILIR	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
EM77BF-C01		SET TAKIM	EPDM CORNER ENJECTION EPDM KÖŞE ENJEKSİYON		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
EM77BF-C02		SET TAKIM	EPDM CORNER ENJECTION EPDM KÖŞE ENJEKSİYON			2	4	6	1	2	3	4	5	6	1	2	3	4	5	6				
EM77BF-23		SET TAKIM	FRAME JOINT INSULATION PLASTIC KASA BİRLEŞİM İZOLASYON PLASTİĞİ		1 Piece / Adet				1 Piece / Adet															
EM77BF-501A		SET TAKIM	HORIZONTAL ADAPTOR PLASTIC CAP YATAY ADAPTOR PLASTİK KAPAK		1	5	9	13	3	5	7	9	11	13	3	5	7	9	11	13				
EM77BF-501B		SET TAKIM	VERTICAL ADAPTOR PLASTIC CAP DÜŞEY ADAPTOR PLASTİK KAPAK						1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
EM77BF-502		SET TAKIM	ADAPTOR PLASTIC CAP BİRİ ADAPTOR PLASTİK KAPAK						2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
EM77BF-91		PIECE ADET	ROD GUIDE PLASTIC ŞİVON KILAVUZ PLASTİĞİ		6	12	18	24	6	12	12	12	18	18	18	24	24	6	12	12	12	18	18	
EM77BF-G02		PIECE ADET	SASH WEDGE KANAT ÇAMUR YERLEKİ		4	12	20	28	8	12	16	20	24	28	8	12	16	20	24	28				
EM77BF-22		PIECE ADET	PVC CORNER ALIGNMENT PVC KÖŞE GÖVİCE		4	12	20	28	8	12	16	20	24	28	8	12	16	20	24	28				
EM77BF-515		SET TAKIM	CORNER CAP SET KÖŞE DÖNÜŞ KAPAK TAKIMI		1 Piece / Adet				1 Piece / Adet															
EM70LS-09		PIECE ADET	DRAINAGE CAP TANISIS BİNGİSİ		1	3	5	7	2	3	4	5	6	7	2	3	4	5	6	7				
CC-103-18.3		PIECE ADET	SASH / RANAT PRESS CORNER JOINT / PRES KÖŞE BAĞLANTI		8	24	40	56	16	24	32	40	48	56	16	24	32	40	48	56				
KC-803-18.1		PIECE ADET	SASH / RANAT MECHANICAL CORNER JOINT / MEKANİK KÖŞE BAĞLANTI		1 Piece / Adet				1 Piece / Adet															
CA77BF-103		SET TAKIM	FRAME CORNER JOINT KASA KÖŞE BAĞLANTI		1 Piece / Adet				1 Piece / Adet															
CA77BF-121		PIECE ADET	FRAME CORNER JOINT KASA KÖŞE BAĞLANTI		2 Piece / Adet				-															

77BF KATLANIR KAYAR SİSTEM				
SYSTEM CODE SİSTEM KODU	PICTURE RESİM	PACKAGE PAKET	DESCRIPTION / TANIM	OPENING AÇILIM
AC77BF-101		PIECE ADET	MINIMAL HANDLE (INWARD OPENING) KOL İÇİ AÇILIR	INWARD İÇİ AÇILIR
AC77BF-102		PIECE ADET	MINIMAL HANDLE (OUTWARD OPENING) KOL DIŞI AÇILIR	OUTWARD DIŞI AÇILIR
AC77BF-103		PIECE ADET	DOUBLE HANDLE MAKİT KOL	
AC77BF-111		PIECE ADET	PULL HANDLE ÇEKME KOL	INWARD İÇİ AÇILIR
AC77BF-112		PIECE ADET	HINGE WITH THREADED PLATE ÇEKME KOL	OUTWARD DIŞI AÇILIR
AC77BF-201		PIECE ADET	TWO-WAY MOVEMENT KOL İKİ YÖNDE HAREKET	
AC77BF-202		PIECE ADET	MULTIPOINT LOCKING TWO-WAYS MOVEMENTS, INTERNAL RODS KİLİT	
AC77BF-203		PIECE ADET	3 LOCKING POINT VERTICAL LOCK 3 NOKTADAN KİLİTLEMELİ İPANVOZLIT	
AC77BF-204		SET TAKIM	UPDOWN CONNECTION FOR TRIPLE LOCK 3 NOKTALI İKİ YÖN HAREKET İÇİN ÜÇÜNÜ BAĞLANTI ARAKATI	
Door.Cyl.100		PIECE ADET	DOOR CYLINDER 100 mm SİLİNDİR 100 mm	
AC77BF-211		SET TAKIM	LOCKING ROD KIT KİLİTLEMELİ TU-TAKIM	
EM77BF-281		SET TAKIM	SASH GUIDE SET KANAT KILAVUZ YUVASI	
AC77BF-221		PIECE ADET	ADJUSTABLE COUNTERPLATE KİLİT KARŞIĞI	
AC77BF-222		PIECE ADET	3 LOCKING POINT ADJUSTABLE COUNTERPLATE 3 NOKTADAN KİLİTLEMELİ KİLİT KARŞIĞI	
EM77BF-221		SET TAKIM	LOCK AND STRIKER ADAPTER KİLİT VE KIRKILIR ADAPTORU	
AC77BF-301		PIECE ADET	HINGE WITH THREADED PLATE KATLANIR MENTEŞE 1 HATTI 3 MENTEŞE KANAT-2200	INWARD İÇİ AÇILIR
			HINGE WITH THREADED PLATE KATLANIR MENTEŞE 1 HATTI 4 MENTEŞE 2200-KANAT-3000	OUTWARD DIŞI AÇILIR
			HINGE WITH THREADED PLATE KATLANIR MENTEŞE 1 HATTI 5 MENTEŞE 3000-KANAT-3500	INWARD İÇİ AÇILIR
			HINGE WITH THREADED PLATE KATLANIR MENTEŞE 1 HATTI 5 MENTEŞE 3000-KANAT-3500	OUTWARD DIŞI AÇILIR
AC77BF-311		PIECE ADET	LOWER ROLLER (ONE WHEEL) ALT RULMAN (1 TEBERLE)	
AC77BF-312		PIECE ADET	UPPER ROLLER (ONE WHEEL) ÜST RULMAN (1 TEBERLE)	
AC77BF-321		PIECE ADET	LOWER ROLLER (TWO WHEEL) ALT RULMAN (2 TEBERLE)	
AC77BF-322		PIECE ADET	UPPER ROLLER (TWO WHEEL) ÜST RULMAN (2 TEBERLE)	
AC77BF-401		PIECE ADET	STAINLESS RAIL PASLANMAZ RAY (1,25 M)	
AC77BF-411		PIECE ADET	FRAME ADJUSTING PLATE KASA AYAR PANCASI	77BF-401-18 When used / Kullanıldığında
AC77BF-412		PIECE ADET	SETSKUR SETSKUR	77BF-401-18 When used / Kullanıldığında
AC77BF-413		PIECE ADET	SETSKUR SETSKUR	77BF-401-18 When used / Kullanıldığında
AC77BF-431		SET TAKIM	SASH HOLDER KANAT TUTUCU	90° FRAME COMBINATION KASA BİRLİĞİ
EM77BF-511		SET TAKIM	DROPPER CAP DAMLAIRI KAPAĞI	OUTWARD DIŞI AÇILIR
EM77BF-C01		SET TAKIM	EPDM CORNER ENJECTION EPDM KÖŞE ENJEKSİYON	
EM77BF-C02		SET TAKIM	EPDM CORNER ENJECTION EPDM KÖŞE ENJEKSİYON	
EM77BF-23		SET TAKIM	FRAME JOINT INSULATION PLASTIC KASA BİRLİĞİ İZOLASYON PLASTİĞİ	90° FRAME COMBINATION KASA BİRLİĞİ
EM77BF-501A		SET TAKIM	HORIZONTAL ADAPTOR PLASTIC CAP YATAY ADAPTOR PLASTİK KAPAK	
EM77BF-501B		SET TAKIM	VERTICAL ADAPTOR PLASTIC CAP DÜŞEY ADAPTOR PLASTİK KAPAK	
EM77BF-502		SET TAKIM	ADAPTOR PLASTIC CAP BİNA ADAPTOR PLASTİK KAPAK	
EM77BF-91		PIECE ADET	ROD GUIDE PLASTIC İVON KILAVUZ PLASTİĞİ	
EM77BF-G02		PIECE ADET	SASH WEDGE KANAT KAMA TIRAKLI	
EM77BF-22		PIECE ADET	PVC CORNER ALIGNMENT PVC KÖŞE DÖNÜŞ	
EM77BF-515		SET TAKIM	CORNER CAP SET KÖŞE DÖNÜŞ KAPAK TAKIMI	90° CORNER KÖŞE
EM70LS-09		PIECE ADET	DRAINAGE CAP TANISIZ SIFIRICI	
CC-103-18.3		PIECE ADET	SASH / FANAT PRESS CORNER JOINT / PRES KÖŞE BAĞLANTI	
KC-803-18.1		PIECE ADET	SASH / FANAT MECHANICAL CORNER JOINT / MEKANİK KÖŞE BAĞLANTI	
CA77BF-103		SET TAKIM	FRAME CORNER JOINT KASA KÖŞE BAĞLANTI	77BF-103-18 When used / Kullanıldığında
CA77BF-121		PIECE ADET	FRAME CORNER JOINT KASA KÖŞE BAĞLANTI	

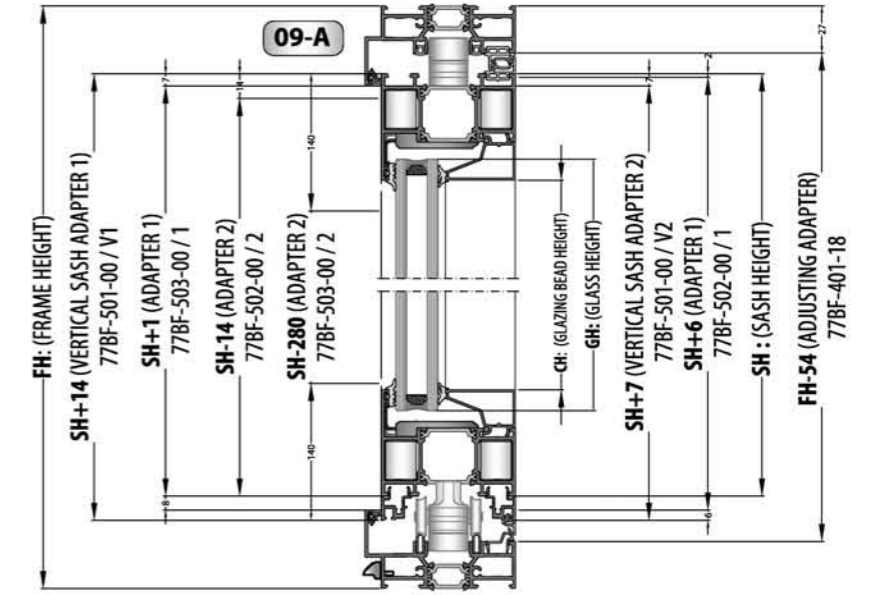
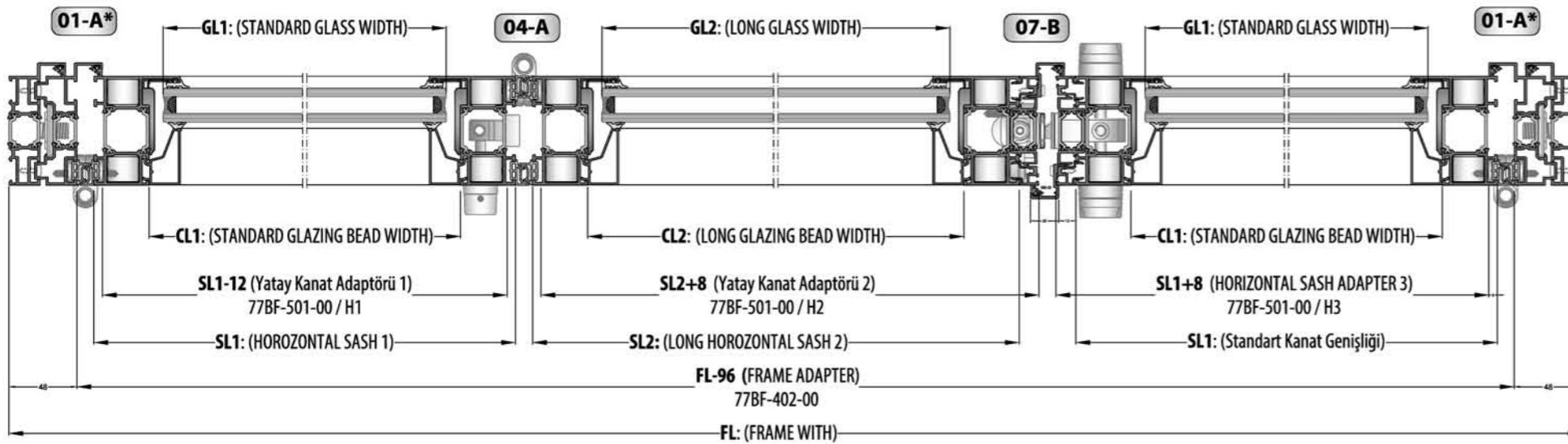
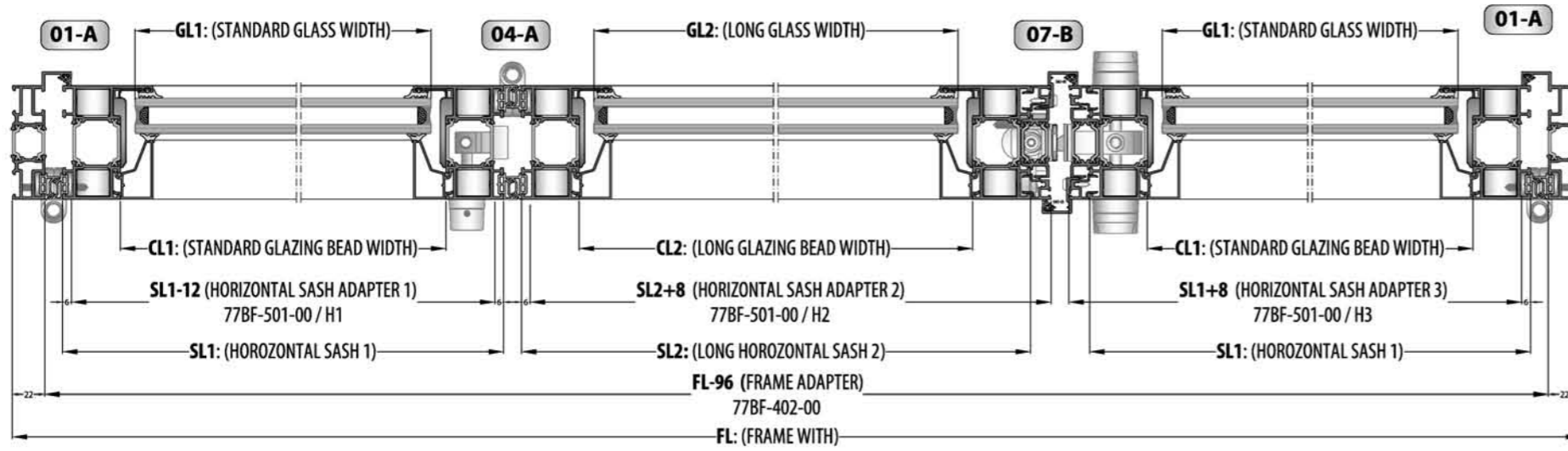
PASSIVE/PASİF				
1	3	5	7	
2A				
1	2	3	4	
-	-	-	-	
-	1	2	3	
1	2	3	4	
-	-	-	-	
-	-	-	-	
-	-	-	-	
1	2	3	4	
1	2	3	4	
-	-	-	-	
-	-	-	-	
3	7	11	15	
3	6	9	12	
4	10	16	22	
4	9	14	19	
5	13	21	29	
5	12	19	26	
-	-	-	-	
-	-	-	-	
-	1	2	3	
-	1	2	3	
(2*FL)/3,25				
(((FH-250)/200) + 1)				
(((FH-250)/200) + 1)				
(((FH-250)/200) + 1)				
-	1	1	1	
1	1	1	1	
1	1	1	1	
-	2	4	6	
1 Piece / Adet				
1	5	9	13	
-	-	-	-	
-	-	-	-	
6	12	18	24	
4	12	20	28	
4	12	20	28	
1 Piece / Adet				
1	3	5	7	
8	24	40	56	
1 Piece / Adet				
2 Piece / Adet				

ACTIVE / AKTİF										
1	2	3	4	5	6	7				
02-B	02-C	3A	02-B	02-C	3A	02-B	02-C	3A	02-B	02-C
-	1	1	2	2	3	3				
1	-	1	-	1	-	1				
-	1	1	2	2	3	3				
1	-	1	-	1	-	1				
-	1	-	1	-	1	-				
-	1	-	1	1	-	1				
1	1	1	2	2	3	3				
1	1	-	1	1	-	1				
-	-	-	2	-	-	2				
2	3	-	2	3	-	2				
3	6	7	10	11	14	15				
3	5	6	8	9	11	12				
4	8	10	14	16	20	22				
4	7	9	12	14	17	19				
5	10	13	18	21	26	29				
5	9	12	16	19	23	26				
-	1	-	1	-	1	-				
-	1	-	1	-	1	-				
-	-	1	1	2	2	3				
-	-	1	1	2	2	3				
(2*FL)/3,25										
(((FH-250)/200) + 1)										
(((FH-250)/200) + 1)										
(((FH-250)/200) + 1)										
-	-	1	-	1	-	1				
1	1	1	1	1	1	1				
1	1	1	1	1	1	1				
-	1	2	3	4	5	6				
1 Piece / Adet										
1	3	5	7	9	11	13				
1	1	1	1	1	1	1				
2	2	2	2	2	2	2				
6	6	6	12	12	18	18				
4	8	12	16	20	24	28				
4	8	12	16	20	24	28				
- Piece / Adet										
1	2	3	4	5	6	7				
8	16	24	32	40	48	56				
1 Piece / Adet										
-										

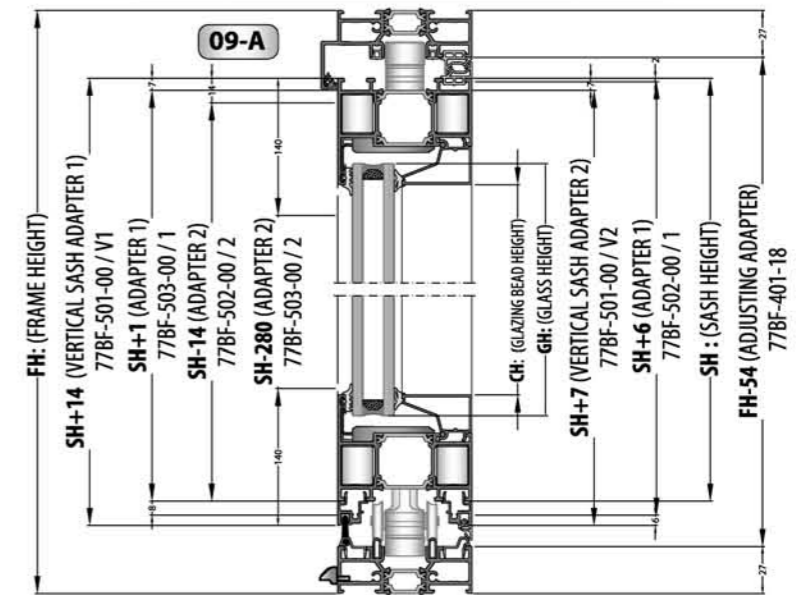
90°
CUTTING SIZE / KESİM ÖLÇÜLERİ



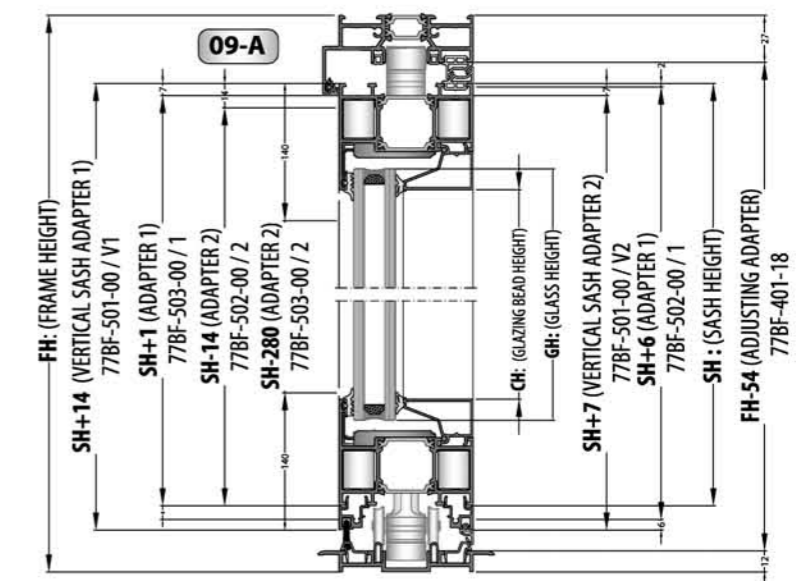
90° FORMULE DESCRIPTION / FORMÜL AÇIKLAMALARI
INWARD OPENING / İÇE AÇILIR



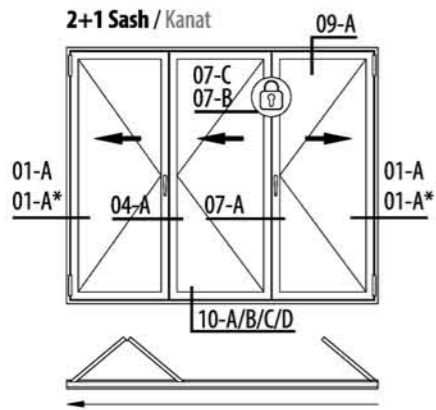
10-A HORIZONTAL FRAME / İÇE AÇILIR : 77BF-101-18



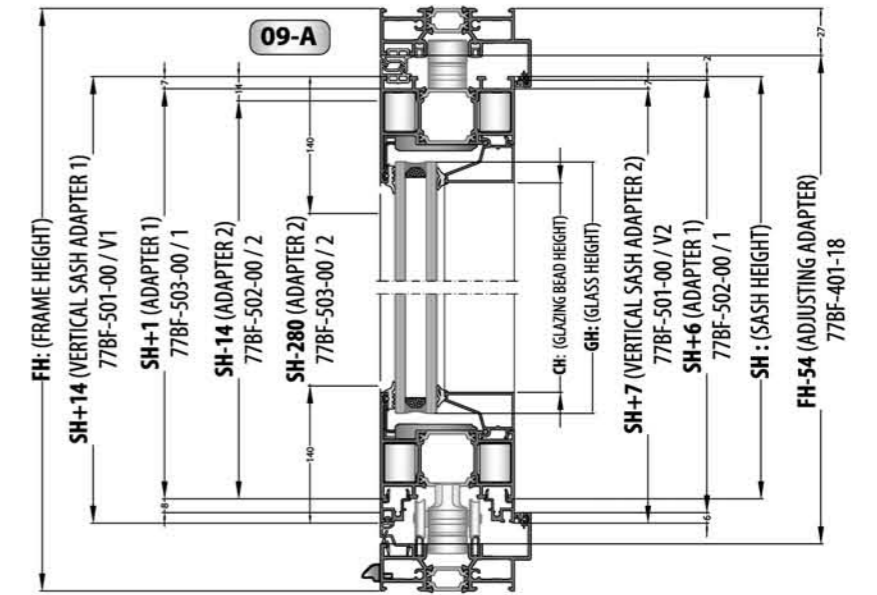
10-B HORIZONTAL FRAME / İÇE AÇILIR : 77BF-102-18



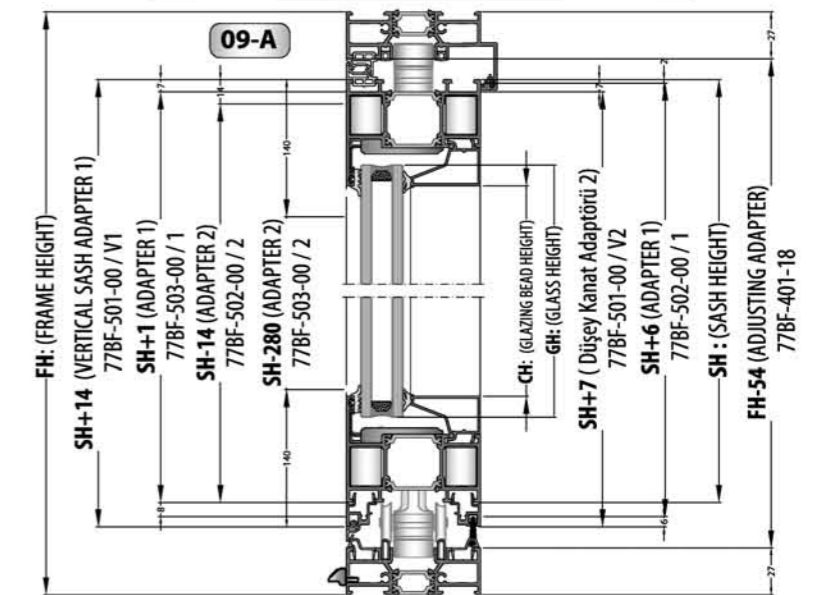
10-C HORIZONTAL FRAME / İÇE AÇILIR : 77BF-103-00



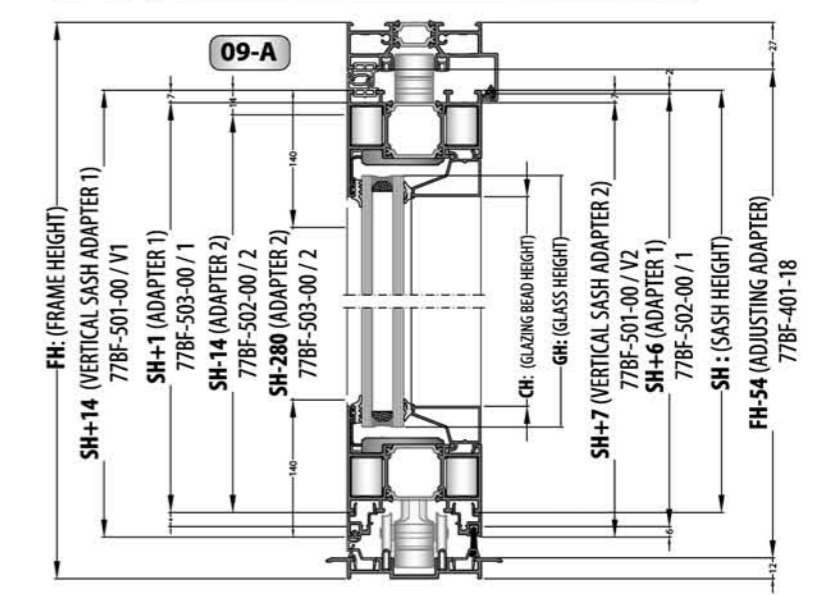
90° FORMULE DESCRIPTION / FORMÜL AÇIKLAMALARI
OUTWARD OPENING / DIŞA AÇILIR



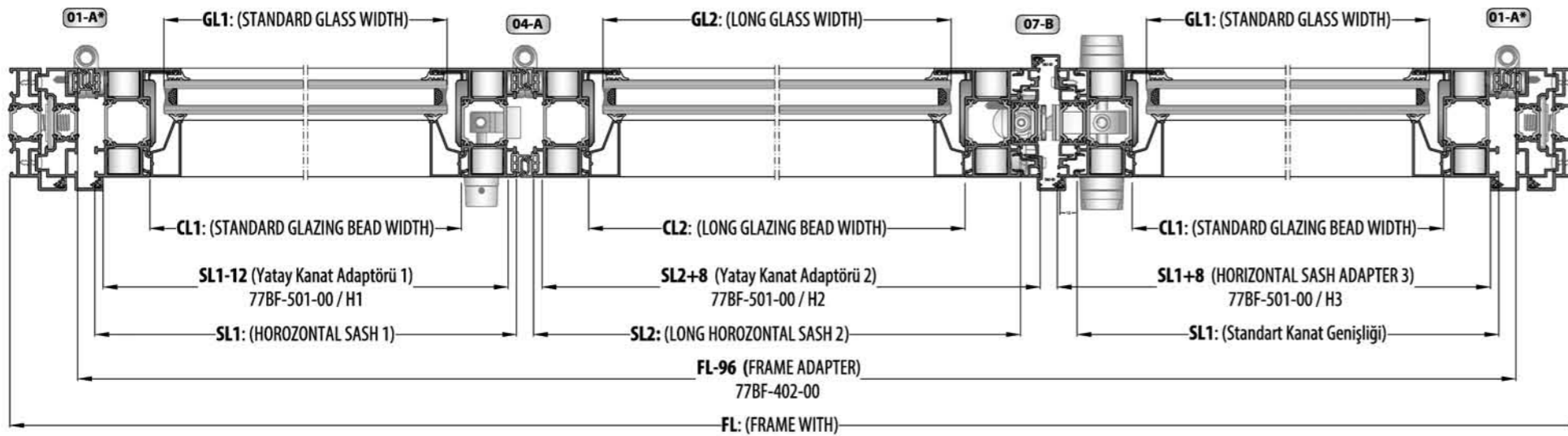
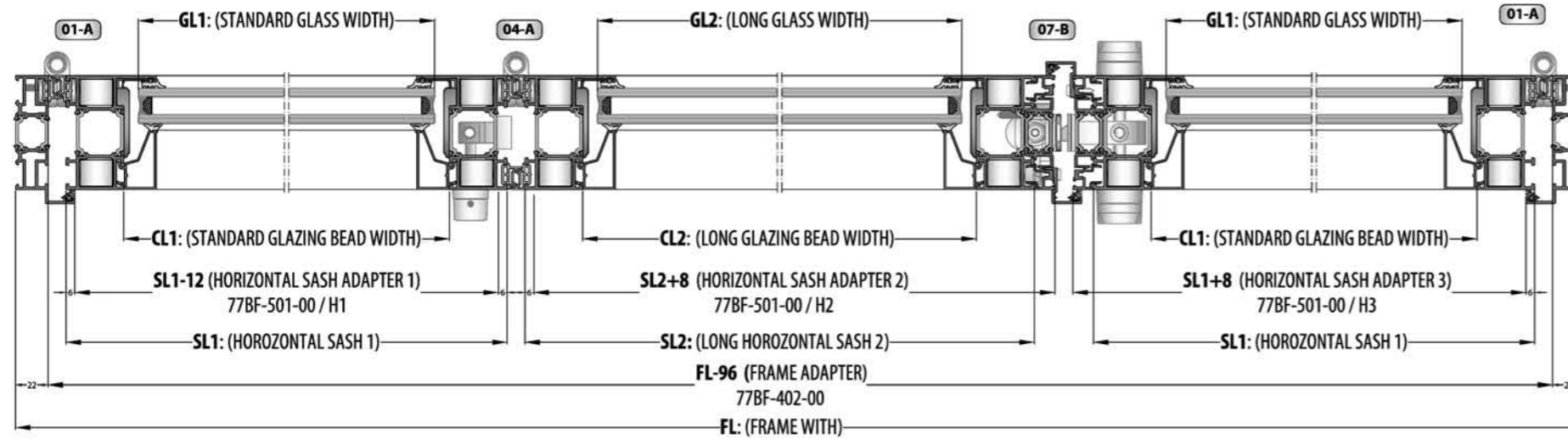
10-A HORIZONTAL FRAME / : 77BF-101-18



10-B HORIZONTAL FRAME / : 77BF-102-18



10-C HORIZONTAL FRAME / : 77BF-103-00



90° CUTTING SIZE KESİM ÖLÇÜLERİ				GASKETS / FİTİLLER					GLASS / CAM 77BF-201-18			GLASS / CAM 77BF-202-18			GLAZING BEAD / CAM ÇİTASI 77BF-201-18				GLAZING BEAD / CAM ÇİTASI 77BF-202-18																		
OPENING TYPE AÇILIM TİPİ	SECTION TYPE DETAY TİPİ	VERTICAL PROFILE DÜŞEY PROFİL	BOTTOM DETAIL TYPE ALT DETAY TİPİ	EM77BF-01	EM77BF-02	EM77BF-03	EM3-03	EM3-01	EM2-03	EM1-XX	O-RING-3 mm	AC77BF-421	EM45-05	GL1	GL2	GL1	GL2	CL1	CH	CL2	CH	CL1	CH	CL2	CH												
QUANTITY MİKTAR	FORMULA FORMÜL	Horizontal / Yatay	Vertical / Dikey	QUANTITY MİKTAR	FORMULA FORMÜL	Horizontal / Yatay	Vertical / Dikey	QUANTITY MİKTAR	FORMULA FORMÜL	Horizontal / Yatay	Vertical / Dikey	QUANTITY MİKTAR	FORMULA FORMÜL	Horizontal / Yatay	Vertical / Dikey	QUANTITY MİKTAR	FORMULA FORMÜL	Horizontal / Yatay	Vertical / Dikey	QUANTITY MİKTAR	FORMULA FORMÜL	Horizontal / Yatay	Vertical / Dikey	QUANTITY MİKTAR	FORMULA FORMÜL	Horizontal / Yatay	Vertical / Dikey										
2 + 0	3A	77BF-111-18 + 77BF-401-18	77BF-101-18	1FL + 3FH	1FL + 3FH	FL	2FL+2FH	FH	2 (CL1+CH1)	2 (CL1+CH1)	2 (CL1+CH1)	2 (CL1+CH1)	2 FL	1	GL1 = SL1-98	GH = SH-98	1	GL2 = SL2-98	GH = SH-98	1	GL1 = SL1-88	GH = SH-88	1	GL2 = SL2-88	GH = SH-88	2	CL1 = SL1-78	CH = SH-122	2	CL2 = SL2-78	CH = SH-122	2	CL1 = SL1-78	CH = SH-106	2	CL2 = SL2-78	CH = SH-106
			77BF-102-18	1FL + 4FH	1FL + 4FH	FL	2FL + 4FH		4 (CL1+CH1)	2 (CL2+CH2)	4 (CL1+CH1)	2 (CL2+CH2)	4 (CL1+CH1)	2 (CL2+CH2)	2 FL	2	GL1 = SL1-98	GH = SH-98	1	GL2 = SL2-98	GH = SH-98	2	CL1 = SL1-78	CH = SH-122	2	CL2 = SL2-78	CH = SH-122	4	CL1 = SL1-78	CH = SH-106	4	CL2 = SL2-78	CH = SH-106				
			77BF-103-18	1FL + 6FH	1FL + 6FH	FL	2FL + 6FH		6 (CL1+CH1)	6 (CL1+CH1)	6 (CL1+CH1)	6 (CL1+CH1)	6 (CL1+CH1)	6 (CL1+CH1)	2 FL	3	GL1 = SL1-98	GH = SH-98	2	GL2 = SL2-98	GH = SH-98	6	CL1 = SL1-78	CH = SH-122	6	CL2 = SL2-78	CH = SH-122	8	CL1 = SL1-78	CH = SH-106	8	CL2 = SL2-78	CH = SH-106				
2 + 1	7A	77BF-111-18	77BF-101-18	1FL + 4FH	1FL + 4FH	FL	2FL + 4FH	-	4 (CL1+CH1)	2 (CL2+CH2)	4 (CL1+CH1)	2 (CL2+CH2)	2 FL	2	GL1 = SL1-98	GH = SH-98	2	GL2 = SL2-98	GH = SH-98	4	CL1 = SL1-78	CH = SH-122	2	CL2 = SL2-78	CH = SH-122	4	CL1 = SL1-78	CH = SH-106	2	CL2 = SL2-78	CH = SH-106						
			77BF-102-18				1FL + 4FH		1FL + 4FH	FL	2FL + 4FH	4 (CL1+CH1)	2 (CL2+CH2)	4 (CL1+CH1)	2 (CL2+CH2)	4 (CL1+CH1)	2 (CL2+CH2)	2 FL	2	GL1 = SL1-98	GH = SH-98	4	CL1 = SL1-78	CH = SH-122	4	CL2 = SL2-78	CH = SH-122	4	CL1 = SL1-78	CH = SH-106	2	CL2 = SL2-78	CH = SH-106				
	77BF-103-18	1FL + 6FH	1FL + 6FH	FL	2FL + 6FH	6 (CL1+CH1)	6 (CL1+CH1)	6 (CL1+CH1)	6 (CL1+CH1)	6 (CL1+CH1)	6 (CL1+CH1)	2 FL	3	GL1 = SL1-98	GH = SH-98	6	CL1 = SL1-78	CH = SH-122	6	CL2 = SL2-78	CH = SH-122	8	CL1 = SL1-78	CH = SH-106	8	CL2 = SL2-78	CH = SH-106										
	7B & 7C	77BF-111-18	77BF-101-18	1FL + 6FH	1FL + 6FH	FL	2FL + 6FH	6 (CL1+CH1)	6 (CL1+CH1)	6 (CL1+CH1)	6 (CL1+CH1)	6 (CL1+CH1)	2 FL	3	GL1 = SL1-98	GH = SH-98	6	CL1 = SL1-78	CH = SH-122	6	CL2 = SL2-78	CH = SH-122	8	CL1 = SL1-78	CH = SH-106	8	CL2 = SL2-78	CH = SH-106									
3 + 0	2A	77BF-111-18	77BF-101-18	1FL + 5FH	1FL + 5FH	FL	2FL + 3FH	-	6 (CL1+CH1)	6 (CL1+CH1)	6 (CL1+CH1)	6 (CL1+CH1)	2 FL	3	GL1 = SL1-98	GH = SH-98	6	CL1 = SL1-78	CH = SH-122	6	CL2 = SL2-78	CH = SH-122	8	CL1 = SL1-78	CH = SH-106	8	CL2 = SL2-78	CH = SH-106									
			77BF-102-18				1FL + 5FH		1FL + 5FH	FL	2FL + 5FH	6 (CL1+CH1)	6 (CL1+CH1)	6 (CL1+CH1)	6 (CL1+CH1)	6 (CL1+CH1)	6 (CL1+CH1)	2 FL	3	GL1 = SL1-98	GH = SH-98	6	CL1 = SL1-78	CH = SH-122	6	CL2 = SL2-78	CH = SH-122	8	CL1 = SL1-78	CH = SH-106	8	CL2 = SL2-78	CH = SH-106				
	77BF-103-18	1FL + 6FH	1FL + 6FH	FL	2FL + 6FH	6 (CL1+CH1)	6 (CL1+CH1)	6 (CL1+CH1)	6 (CL1+CH1)	6 (CL1+CH1)	6 (CL1+CH1)	2 FL	3	GL1 = SL1-98	GH = SH-98	6	CL1 = SL1-78	CH = SH-122	6	CL2 = SL2-78	CH = SH-122	8	CL1 = SL1-78	CH = SH-106	8	CL2 = SL2-78	CH = SH-106										
	2B & 2C	77BF-111-18	77BF-101-18	1FL + 6FH	1FL + 6FH	FL	2FL + 6FH	6 (CL1+CH1)	6 (CL1+CH1)	6 (CL1+CH1)	6 (CL1+CH1)	6 (CL1+CH1)	2 FL	3	GL1 = SL1-98	GH = SH-98	6	CL1 = SL1-78	CH = SH-122	6	CL2 = SL2-78	CH = SH-122	8	CL1 = SL1-78	CH = SH-106	8	CL2 = SL2-78	CH = SH-106									
2 + 2	8A	77BF-111-18 + 77BF-401-18	77BF-101-18	1FL + 6FH	1FL + 6FH	FL	2FL + 3FH	FH	4 (CL1+CH1)	4 (CL2+CH2)	4 (CL1+CH1)	4 (CL2+CH2)	2 FL	2	GL1 = SL1-98	GH = SH-98	2	GL2 = SL2-98	GH = SH-98	4	CL1 = SL1-78	CH = SH-122	4	CL2 = SL2-78	CH = SH-122	8	CL1 = SL1-78	CH = SH-106	8	CL2 = SL2-78	CH = SH-106						
			77BF-102-18				1FL + 6FH		1FL + 6FH	FL	2FL + 6FH	4 (CL1+CH1)	4 (CL2+CH2)	4 (CL1+CH1)	4 (CL2+CH2)	4 (CL1+CH1)	4 (CL2+CH2)	2 FL	2	GL1 = SL1-98	GH = SH-98	4	CL1 = SL1-78	CH = SH-122	4	CL2 = SL2-78	CH = SH-122	8	CL1 = SL1-78	CH = SH-106	8	CL2 = SL2-78	CH = SH-106				
			77BF-103-18				1FL + 6FH		1FL + 6FH	FL	2FL + 6FH	4 (CL1+CH1)	4 (CL2+CH2)	4 (CL1+CH1)	4 (CL2+CH2)	4 (CL1+CH1)	4 (CL2+CH2)	2 FL	2	GL1 = SL1-98	GH = SH-98	4	CL1 = SL1-78	CH = SH-122	4	CL2 = SL2-78	CH = SH-122	8	CL1 = SL1-78	CH = SH-106	8	CL2 = SL2-78	CH = SH-106				
3 + 1	6A	77BF-111-18	77BF-101-18	1FL + 6FH	1FL + 6FH	FL	2FL + 4FH	-	8 (CL1+CH1)	8 (CL1+CH1)	8 (CL1+CH1)	8 (CL1+CH1)	2 FL	4	GL1 = SL1-98	GH = SH-98	4	GL2 = SL2-98	GH = SH-98	8	CL1 = SL1-78	CH = SH-122	8	CL2 = SL2-78	CH = SH-122	16	CL1 = SL1-78	CH = SH-106	16	CL2 = SL2-78	CH = SH-106						
			77BF-102-18				1FL + 6FH		1FL + 6FH	FL	2FL + 6FH	8 (CL1+CH1)	8 (CL1+CH1)	8 (CL1+CH1)	8 (CL1+CH1)	8 (CL1+CH1)	8 (CL1+CH1)	2 FL	4	GL1 = SL1-98	GH = SH-98	8	CL1 = SL1-78	CH = SH-122	8	CL2 = SL2-78	CH = SH-122	16	CL1 = SL1-78	CH = SH-106	16	CL2 = SL2-78	CH = SH-106				
	77BF-103-18	1FL + 6FH	1FL + 6FH	FL	2FL + 6FH	8 (CL1+CH1)	8 (CL1+CH1)	8 (CL1+CH1)	8 (CL1+CH1)	8 (CL1+CH1)	8 (CL1+CH1)	2 FL	4	GL1 = SL1-98	GH = SH-98	8	CL1 = SL1-78	CH = SH-122	8	CL2 = SL2-78	CH = SH-122	16	CL1 = SL1-78	CH = SH-106	16	CL2 = SL2-78	CH = SH-106										
	6B & 6C	77BF-111-18	77BF-101-18	1FL + 6FH	1FL + 6FH	FL	2FL + 6FH	8 (CL1+CH1)	8 (CL1+CH1)	8 (CL1+CH1)	8 (CL1+CH1)	8 (CL1+CH1)	2 FL	4	GL1 = SL1-98	GH = SH-98	8	CL1 = SL1-78	CH = SH-122	8	CL2 = SL2-78	CH = SH-122	16	CL1 = SL1-78	CH = SH-106	16	CL2 = SL2-78	CH = SH-106									

90° CUTTING SIZE LIST / KESİM ÖLÇÜ LİSTESİ

90° CUTTING SIZE KESİM ÖLÇÜLERİ				HORIZONTAL FRAME YATAY KASA 77BF-101-18	HORIZONTAL FRAME YATAY KASA 77BF-102-18	HORIZONTAL FRAME YATAY KASA 77BF-103-18	VERTICAL FRAME DÜŞEY KASA 77BF-111-18	ADJUSTING ADAPTER AYAR ADAPTÖRÜ 77BF-401-18	HORIZONTAL SASH 1 YATAY KANAT 1 77BF-201-18	HORIZONTAL SASH 2 YATAY KANAT 2 77BF-201-18	VERTICAL SASH DÜŞEY KANAT 77BF-201-18	FRAME ADAPTER KASA ADAPTÖRÜ 77BF-402-00	HORIZONTAL SASH ADAPTER 1 YATAY KANAT ADAPTÖRÜ 1 77BF-501-00 / H1	HORIZONTAL SASH ADAPTER 2 YATAY KANAT ADAPTÖRÜ 2 77BF-501-00 / H2	HORIZONTAL SASH ADAPTER 3 YATAY KANAT ADAPTÖRÜ 3 77BF-501-00 / H3	VERTICAL SASH ADAPTER 1 DÜŞEY KANAT ADAPTÖRÜ 1 77BF-501-00 / V1	VERTICAL SASH ADAPTER 2 DÜŞEY KANAT ADAPTÖRÜ 2 77BF-501-00 / V2	ADAPTER 1 ADAPTÖR 1 77BF-502-00 / 1	ADAPTER 2 ADAPTÖR 2 77BF-502-00 / 2	ADAPTER 1 ADAPTÖR 1 77BF-503-00 / 1	ADAPTER 2 ADAPTÖR 2 77BF-503-00 / 2																			
OPENING TYPE AÇILIM TİPİ	SECTION TYPE DETAY TİPİ	VERTICAL PROFILE DÜŞEY PROFİL	BOTTOM DETAIL TYPE ALT DETAY TİPİ	QUANTITY ANGULAR MİKTARI / AÇI	FORMULA / FORMÜL	QUANTITY ANGULAR MİKTARI / AÇI	FORMULA / FORMÜL	QUANTITY ANGULAR MİKTARI / AÇI	FORMULA / FORMÜL	QUANTITY ANGULAR MİKTARI / AÇI	FORMULA / FORMÜL	QUANTITY ANGULAR MİKTARI / AÇI	FORMULA / FORMÜL	QUANTITY ANGULAR MİKTARI / AÇI	FORMULA / FORMÜL	QUANTITY ANGULAR MİKTARI / AÇI	FORMULA / FORMÜL	QUANTITY ANGULAR MİKTARI / AÇI	FORMULA / FORMÜL	QUANTITY ANGULAR MİKTARI / AÇI	FORMULA / FORMÜL	QUANTITY ANGULAR MİKTARI / AÇI	FORMULA / FORMÜL																	
2 + 0	3A	77BF-111-18	77BF-101-18	2 90°	FL-44	1 90°	FL-44			2 45°	SL1 = ((FL-94)/2)-23																													
	3A*	77BF-111-18 + 77BF-401-18	77BF-102-18 77BF-103-18	2 90° 1 90°	FL-44	1 90°	FL-44	2 90°	FH-54 FH-27 FH-39	2 45°	SL1 = ((FL-146)/2)-23	2 45°	SL2=SL1+46	4 45°	SH = FH-92 SH = FH-77 SH = FH-92 SH = FH-92 SH = FH-77	1 90° 2 90° 2 90° 2 90°	FL-44 FL-96	2 90°	SL1-12	2 90°/45°	SL2+8	1 90°/45°	SH+14	1 90°/45°	SH+7	1 90°	SH+6	-	-	-	-									
2 + 1	7A	77BF-111-18	77BF-101-18	2 90°	FL-44	1 90°	FL-44																																	
	7B & 7C	77BF-111-18	77BF-102-18	2 90°	FL-44	1 90°	FL-44	2 90°	FH-54 FH-27 FH-39	4 45°	SL1 = ((FL-106)/3)-15,3	2 45°	SL2=SL1+46	6 45°	SH = FH-92 SH = FH-92 SH = FH-77 SH = FH-92 SH = FH-77 SH = FH-92 SH = FH-92 SH = FH-77	1 90° 2 90° 2 90° 2 90° 2 90° 2 90°	FL-44 FL-44 FL-96	4 90°	SL1-12	2 90°	SL1-12	4 90°	SL1-12	2 90°/45°	SL2+8	-	-	1 90°/45°	SH+14	1 90°/45°	SH+7	1 90°	SH+6	1 90°	SH+6	SH-14 SH-10 SH-14 SH-10 SH-14 SH-10	1 90°	SH+1	1 90°	SH-280
	7A*	77BF-111-18 + 77BF-401-18	77BF-102-18 77BF-103-18	2 90° 1 90°	FL-44	1 90°	FL-44	2 90°	FH-54 FH-27 FH-39	4 45°	SL1 = ((FL-120)/3)-15,3	2 45°	SL2=SL1+46	6 45°	SH = FH-92 SH = FH-92 SH = FH-77 SH = FH-92 SH = FH-77 SH = FH-92 SH = FH-92 SH = FH-77	1 90° 2 90° 2 90° 2 90° 2 90° 2 90°	FL-44 FL-44 FL-96	4 90°	SL1-12	2 90°	SL1-12	4 90°	SL1-12	2 90°/45°	SL2+8	-	-	1 90°/45°	SH+14	1 90°/45°	SH+7	1 90°	SH+6	1 90°	SH+6	SH-14 SH-10 SH-14 SH-10 SH-14 SH-10	1 90°	SH+1	1 90°	SH-280
	7B & 7C	77BF-111-18 + 77BF-401-18	77BF-102-18 77BF-103-18	2 90° 1 90°	FL-44	1 90°	FL-44	2 90°	FH-54 FH-27 FH-39	4 45°	SL1 = ((FL-158)/3)-15,3	2 45°	SL2=SL1+46	6 45°	SH = FH-92 SH = FH-92 SH = FH-77 SH = FH-92 SH = FH-77 SH = FH-92 SH = FH-92 SH = FH-77	1 90° 2 90° 2 90° 2 90° 2 90° 2 90°	FL-44 FL-44 FL-96	4 90°	SL1-12	2 90°	SL1-12	4 90°	SL1-12	2 90°/45°	SL2+8	-	-	1 90°/45°	SH+14	1 90°/45°	SH+7	1 90°	SH+6	1 90°	SH+6	SH-14 SH-10 SH-14 SH-10 SH-14 SH-10	1 90°	SH+1	1 90°	SH-280
3 + 0	2A	77BF-111-18	77BF-101-18	2 90°	FL-44	1 90°	FL-44																																	
	2B & 2C	77BF-111-18	77BF-102-18	2 90°	FL-44	1 90°	FL-44	2 90°	FH-54 FH-27 FH-39	6 45°	SL1 = (FL-92)/3	-	-	6 45°	SH = FH-92 SH = FH-92 SH = FH-77 SH = FH-92 SH = FH-77 SH = FH-92 SH = FH-92 SH = FH-77	1 90° 2 90° 2 90° 2 90° 2 90° 2 90°	FL-44 FL-44 FL-96	6 90°	SL1-12	4 90°	SL1-12	6 90°	SL1-12	2 90°/45°	SL1+8	-	-	1 90°/45°	SH+14	1 90°/45°	SH+7	1 90°	SH+6	1 90°	SH+6	SH-14 SH-10 SH-14 SH-10 SH-14 SH-10	1 90°	SH+1	-	-
	2A*	77BF-111-18 + 77BF-401-18	77BF-102-18 77BF-103-18	2 90° 1 90°	FL-44	1 90°	FL-44	2 90°	FH-54 FH-27 FH-39	6 45°	SL1 = (FL-106)/3	-	-	6 45°	SH = FH-92 SH = FH-92 SH = FH-77 SH = FH-92 SH = FH-77 SH = FH-92 SH = FH-92 SH = FH-77	1 90° 2 90° 2 90° 2 90° 2 90° 2 90°	FL-44 FL-44 FL-96	6 90°	SL1-12	4 90°	SL1-12	6 90°	SL1-12	2 90°/45°	SL1+8	-	-	1 90°/45°	SH+14	1 90°/45°	SH+7	1 90°	SH+6	1 90°	SH+6	SH-14 SH-10 SH-14 SH-10 SH-14 SH-10	1 90°	SH+1	-	-
	2B & 2C	77BF-111-18 + 77BF-401-18	77BF-102-18 77BF-103-18	2 90° 1 90°	FL-44	1 90°	FL-44	2 90°	FH-54 FH-27 FH-39	6 45°	SL1 = (FL-144)/3	-	-	6 45°	SH = FH-92 SH = FH-92 SH = FH-77 SH = FH-92 SH = FH-77 SH = FH-92 SH = FH-92 SH = FH-77	1 90° 2 90° 2 90° 2 90° 2 90° 2 90°	FL-44 FL-44 FL-96	6 90°	SL1-12	4 90°	SL1-12	6 90°	SL1-12	2 90°/45°	SL1+8	-	-	1 90°/45°	SH+14	1 90°/45°	SH+7	1 90°	SH+6	1 90°	SH+6	SH-14 SH-10 SH-14 SH-10 SH-14 SH-10	1 90°	SH+1	-	-
2 + 2	8A	77BF-111-18	77BF-101-18	2 90°	FL-44	1 90°	FL-44																																	
	8A*	77BF-111-18 + 77BF-401-18	77BF-102-18 77BF-103-18	2 90° 1 90°	FL-44	1 90°	FL-44	2 90°	FH-54 FH-27 FH-39	4 45°	SL1 = ((FL-132)/4)-23	4 45°	SL2=SL1+46	8 45°	SH = FH-92 SH = FH-92 SH = FH-77 SH = FH-92 SH = FH-77 SH = FH-92 SH = FH-92 SH = FH-77	1 90° 2 90° 2 90° 2 90° 2 90° 2 90°	FL-44 FL-44 FL-96	4 90°	SL1-12	4 90°/45°	SL2+8	-	-	2 90°/45°	SH+14	2 90°/45°	SH+7	1 90°	SH+6	1 90°	SH+6	SH-14 SH-10 SH-14 SH-10	1 90°	SH+1	-	-				
3 + 1	6A	77BF-111-18	77BF-101-18	2 90°	FL-44	1 90°	FL-44																																	
	6B & 6C	77BF-111-18	77BF-102-18	2 90°	FL-44	1 90°	FL-44	2 90°	FH-54 FH-27 FH-39	8 45°	SL1 = (FL-104)/4	-	-	8 45°	SH = FH-92 SH = FH-92 SH = FH-77 SH = FH-92 SH = FH-77 SH = FH-92 SH = FH-92 SH = FH-77	1 90° 2 90° 2 90° 2 90° 2 90° 2 90°	FL-44 FL-44 FL-96	8 90°	SL1-12	4 90°	SL1-12	8 90°	SL1-12	4 90°/45°	SL1+8	-	-	2 90°/45°	SH+14	2 90°/45°	SH+7	1 90°	SH+6	1 90°	SH+6	SH-14 SH-10 SH-14 SH-10 SH-14 SH-10	2 90°	SH+1	-	-
	6A*	77BF-111-18 + 77BF-401-18	77BF-102-18 77BF-103-18	2 90° 1 90°	FL-44	1 90°	FL-44	2 90°	FH-54 FH-27 FH-39	8 45°	SL1 = (FL-132)/4	-	-	8 45°	SH = FH-92 SH = FH-92 SH = FH-77 SH = FH-92 SH = FH-77 SH = FH-92 SH = FH-92 SH = FH-77	1 90° 2 90° 2 90° 2 90° 2 90° 2 90°	FL-44 FL-44 FL-96	8 90°	SL1-12	4 90°	SL1-12	8 90°	SL1-12	4 90°/45°	SL1+8	-	-	2 90°/45°	SH+14	2 90°/45°	SH+7	1 90°	SH+6	1 90°	SH+6	SH-14 SH-10 SH-14 SH-10 SH-14 SH-10	2 90°	SH+1	-	-
	6B & 6C	77BF-111-18 + 77BF-401-18	77BF-102-18 77BF-103-18	2 90° 1 90°	FL-44	1 90°	FL-44	2 90°	FH-54 FH-27 FH-39	8 45°	SL1 = (FL-156)/4	-	-	8 45°	SH = FH-92 SH = FH-92 SH = FH-77 SH = FH-92 SH = FH-77 SH = FH-92 SH = FH-92 SH = FH-77	1 90° 2 90° 2 90° 2 90° 2 90° 2 90°	FL-44 FL-44 FL-96	8 90°	SL1-12	4 90°	SL1-12	8 90°	SL1-12	4 90°/45°	SL1+8	-	-	2 90°/45°	SH+14	2 90°/45°	SH+7	1 90°	SH+6	1 90°	SH+6	SH-14 SH-10 SH-14 SH-10 SH-14 SH-10	2 90°	SH+1	-	-
6B & 6C	77BF-111-18 + 77BF-401-18	77BF-102-18 77BF-103-18	2 90° 1 90°	FL-44	1 90°	FL-44	2 90°	FH-54 FH-27 FH-39	8 45°	SL1 = (FL-184)/4	-	-	8 45°	SH = FH-92 SH = FH-92 SH = FH-77 SH = FH-92 SH = FH-77 SH = FH-92 SH = FH-92 SH = FH-77	1 90° 2 90° 2 90° 2 90° 2 90° 2 90°	FL-44 FL-44 FL-96	8 90°	SL1-12	4 90°	SL1-12	8 90°	SL1-12	4 90°/45°	SL1+8	-	-	2 90°/45°	SH+14	2 90°/45°	SH+7	1 90°	SH+6	1 90°	SH+6	SH-14 SH-10 SH-14 SH-10 SH-14 SH-10	2 90°	SH+1	-	-	

90° CUTTING SIZE KESİM ÖLÇÜLERİ			
OPENING TYPE AÇILIM TİPİ	SECTION TYPE DETAY TİPİ	VERTICAL PROFILE DUŞEY PROFİL	BOTTOM DETAIL TYPE ALT DETAY TİPİ

4 + 0	3A	77BF-111-18	77BF-101-18
		77BF-102-18	77BF-102-18
		77BF-103-18	77BF-101-18
		77BF-111-18 + 77BF-401-18	77BF-102-18 77BF-103-18

3 + 2	7A	77BF-111-18	77BF-101-18
		77BF-102-18	77BF-102-18
		77BF-103-18	77BF-101-18
	7B & 7C	77BF-111-18	77BF-102-18
		77BF-103-18	77BF-103-18
	7A*	77BF-111-18 + 77BF-401-18	77BF-101-18 77BF-102-18 77BF-103-18
		77BF-111-18 + 77BF-401-18	77BF-101-18 77BF-102-18 77BF-103-18
	7B & 7C	77BF-111-18 + 77BF-401-18	77BF-101-18 77BF-102-18 77BF-103-18

4 + 1	7A	77BF-111-18	77BF-101-18
		77BF-102-18	77BF-102-18
		77BF-103-18	77BF-101-18
	7B & 7C	77BF-111-18	77BF-102-18
		77BF-103-18	77BF-103-18
	7A*	77BF-111-18 + 77BF-401-18	77BF-101-18 77BF-102-18 77BF-103-18
		77BF-111-18 + 77BF-401-18	77BF-101-18 77BF-102-18 77BF-103-18
	7B & 7C	77BF-111-18 + 77BF-401-18	77BF-101-18 77BF-102-18 77BF-103-18

5 + 0	2A	77BF-111-18	77BF-101-18
		77BF-102-18	77BF-102-18
		77BF-103-18	77BF-101-18
	2B & 2C	77BF-111-18	77BF-102-18
		77BF-103-18	77BF-103-18
	2A*	77BF-111-18 + 77BF-401-18	77BF-101-18 77BF-102-18 77BF-103-18
		77BF-111-18 + 77BF-401-18	77BF-101-18 77BF-102-18 77BF-103-18
	2B & 2C	77BF-111-18 + 77BF-401-18	77BF-101-18 77BF-102-18 77BF-103-18

3 + 3	6A	77BF-111-18	77BF-101-18
		77BF-102-18	77BF-102-18
		77BF-103-18	77BF-101-18
	6B & 6C	77BF-111-18	77BF-102-18
		77BF-103-18	77BF-103-18
	6A*	77BF-111-18 + 77BF-401-18	77BF-101-18 77BF-102-18 77BF-103-18
		77BF-111-18 + 77BF-401-18	77BF-101-18 77BF-102-18 77BF-103-18
	6B & 6C	77BF-111-18 + 77BF-401-18	77BF-101-18 77BF-102-18 77BF-103-18

GASKETS / FİTİLLER			
EM77BF-01	EM77BF-02	EM77BF-03	EM3-03

1FL + 7FH	1FL + 7FH	FL	2FL + 2FH 1FL + 2FH 1FL + 2FH 2FL + 4FH 1FL + 4FH
		FH	6 (CL1+CH1) + 2 (CL2+CH2) 6 (CL1+CH1) + 2 (CL2+CH2) 6 (CL1+CH1) + 2 (CL2+CH2) 2 (CL2+CH2)
			1FL 1FL 2FL

1FL + 8FH	1FL + 8FH	FL	2FL + 4FH 1FL + 4FH 2FL + 4FH 1FL + 4FH 2FL + 6FH 1FL + 6FH 2FL + 6FH 1FL + 6FH
			8 (CL1+CH1) + 2 (CL2+CH2) 8 (CL1+CH1) + 2 (CL2+CH2) 8 (CL1+CH1) + 2 (CL2+CH2) 8 (CL1+CH1) + 2 (CL2+CH2)
			1FL 1FL 1FL 1FL 1FL 1FL 1FL 2FL

1FL + 8FH	1FL + 8FH	FL	2FL + 4FH 1FL + 4FH 2FL + 4FH 1FL + 4FH 2FL + 6FH 1FL + 6FH 2FL + 6FH 1FL + 6FH
			8 (CL1+CH1) + 2 (CL2+CH2) 8 (CL1+CH1) + 2 (CL2+CH2) 8 (CL1+CH1) + 2 (CL2+CH2) 8 (CL1+CH1) + 2 (CL2+CH2)
			1FL 1FL 1FL 1FL 1FL 1FL 1FL 2FL

1FL + 9FH	1FL + 9FH	FL	2FL + 3FH 1FL + 3FH 2FL + 3FH 1FL + 3FH 2FL + 5FH 1FL + 5FH 2FL + 5FH 1FL + 5FH
			10 (CL1+CH1) 10 (CL1+CH1) 10 (CL1+CH1)
			1FL 1FL 1FL 1FL 1FL 1FL 1FL 2FL

1FL + 10FH	1FL + 10FH	FL	2FL + 4FH 1FL + 4FH 2FL + 4FH 1FL + 4FH 2FL + 6FH 1FL + 6FH 2FL + 6FH 1FL + 6FH
			12 (CL1+CH1) 12 (CL1+CH1) 12 (CL1+CH1)
			1FL 1FL 1FL 1FL 1FL 1FL 1FL 2FL

GLASS / CAM 77BF-201-18		
GL1	GL2	

QUANTITY MİKTAR	3	
FORMULA FORMÜL Horizontal / Yatay	GL1 = SL1-98	
FORMULA FORMÜL Vertical / Dikey	GH = SH-98	

QUANTITY MİKTAR	1	
FORMULA FORMÜL Horizontal / Yatay	GL2 = SL2-98	
FORMULA FORMÜL Vertical / Dikey	GH = SH-98	

QUANTITY MİKTAR	4	
FORMULA FORMÜL Horizontal / Yatay	GL1 = SL1-98	
FORMULA FORMÜL Vertical / Dikey	GH = SH-98	

QUANTITY MİKTAR	5	
FORMULA FORMÜL Horizontal / Yatay	GL1 = SL1-98	
FORMULA FORMÜL Vertical / Dikey	GH = SH-98	

QUANTITY MİKTAR	6	
FORMULA FORMÜL Horizontal / Yatay	GL1 = SL1-98	
FORMULA FORMÜL Vertical / Dikey	GH = SH-98	

GLASS / CAM 77BF-202-18		
GL1	GL2	

QUANTITY MİKTAR	3	
FORMULA FORMÜL Horizontal / Yatay	GL1 = SL1-88	
FORMULA FORMÜL Vertical / Dikey	GH = SH-88	

QUANTITY MİKTAR	4	
FORMULA FORMÜL Horizontal / Yatay	GL1 = SL1-88	
FORMULA FORMÜL Vertical / Dikey	GH = SH-88	

QUANTITY MİKTAR	4	
FORMULA FORMÜL Horizontal / Yatay	GL1 = SL1-88	
FORMULA FORMÜL Vertical / Dikey	GH = SH-88	

QUANTITY MİKTAR	5	
FORMULA FORMÜL Horizontal / Yatay	GL1 = SL1-88	
FORMULA FORMÜL Vertical / Dikey	GH = SH-88	

QUANTITY MİKTAR	6	
FORMULA FORMÜL Horizontal / Yatay	GL1 = SL1-88	
FORMULA FORMÜL Vertical / Dikey	GH = SH-88	

GLAZING BEAD / CAM ÇİTASI 77BF-201-18			
CL1	CH	CL2	CH

QUANTITY MİKTAR	6		
FORMULA FORMÜL Horizontal / Yatay	CL1 = SL1-78		
QUANTITY MİKTAR	6		
FORMULA FORMÜL Horizontal / Yatay	CH = SH-122		

QUANTITY MİKTAR	8		
FORMULA FORMÜL Horizontal / Yatay	CL1 = SL1-78		
QUANTITY MİKTAR	8		
FORMULA FORMÜL Horizontal / Yatay	CH = SH-122		

QUANTITY MİKTAR	8		
FORMULA FORMÜL Horizontal / Yatay	CL1 = SL1-78		
QUANTITY MİKTAR	8		
FORMULA FORMÜL Horizontal / Yatay	CH = SH-122		

QUANTITY MİKTAR	10		
FORMULA FORMÜL Horizontal / Yatay	CL1 = SL1-78		
QUANTITY MİKTAR	10		
FORMULA FORMÜL Horizontal / Yatay	CH = SH-122		

QUANTITY MİKTAR	12		
FORMULA FORMÜL Horizontal / Yatay	CL1 = SL1-78		
QUANTITY MİKTAR	12		
FORMULA FORMÜL Horizontal / Yatay	CH = SH-122		

GLAZING BEAD / CAM ÇİTASI 77BF-202-18			
CL1	CH	CL2	CH

QUANTITY MİKTAR	6		
FORMULA FORMÜL Horizontal / Yatay	CL1 = SL1-78		
QUANTITY MİKTAR	6		
FORMULA FORMÜL Horizontal / Yatay	CH = SH-106		

QUANTITY MİKTAR	8		
FORMULA FORMÜL Horizontal / Yatay	CL1 = SL1-78		
QUANTITY MİKTAR	8		
FORMULA FORMÜL Horizontal / Yatay	CH = SH-106		

QUANTITY MİKTAR	8		
FORMULA FORMÜL Horizontal / Yatay	CL1 = SL1-78		
QUANTITY MİKTAR	8		
FORMULA FORMÜL Horizontal / Yatay	CH = SH-106		

QUANTITY MİKTAR	10		
FORMULA FORMÜL Horizontal / Yatay	CL1 = SL1-78		
QUANTITY MİKTAR	10		
FORMULA FORMÜL Horizontal / Yatay	CH = SH-106		

QUANTITY MİKTAR	12		
FORMULA FORMÜL Horizontal / Yatay	CL1 = SL1-78		
QUANTITY MİKTAR	12		
FORMULA FORMÜL Horizontal / Yatay	CH = SH-106		

CUTTING SIZE LIST / KESİM ÖLÇÜ LİSTESİ

90° CUTTING SIZE KESİM ÖLÇÜLERİ				HORIZONTAL FRAME YATAY KASA 77BF-101-18	HORIZONTAL FRAME YATAY KASA 77BF-102-18	HORIZONTAL FRAME YATAY KASA 77BF-103-18	VERTICAL FRAME DÜŞEY KASA 77BF-111-18	ADJUSTING ADAPTER AYAR ADAPTÖRÜ 77BF-401-18	HORIZONTAL SASH 1 YATAY KANAT 1 77BF-201-18	HORIZONTAL SASH 2 YATAY KANAT 2 77BF-201-18	VERTICAL SASH DÜŞEY KANAT 77BF-201-18	FRAME ADAPTER KASA ADAPTÖRÜ 77BF-402-00	HORIZONTAL SASH ADAPTER 1 YATAY KANAT ADAPTÖRÜ 1 77BF-501-00 / H1	HORIZONTAL SASH ADAPTER 2 YATAY KANAT ADAPTÖRÜ 2 77BF-501-00 / H2	HORIZONTAL SASH ADAPTER 3 YATAY KANAT ADAPTÖRÜ 3 77BF-501-00 / H3	VERTICAL SASH ADAPTER 1 DÜŞEY KANAT ADAPTÖRÜ 1 77BF-501-00 / V1	VERTICAL SASH ADAPTER 2 DÜŞEY KANAT ADAPTÖRÜ 2 77BF-501-00 / V2	ADAPTER 1 ADAPTÖR 1 77BF-502-00 / 1	ADAPTER 2 ADAPTÖR 2 77BF-502-00 / 2	ADAPTER 1 ADAPTÖR 1 77BF-503-00 / 1	ADAPTER 2 ADAPTÖR 2 77BF-503-00 / 2																				
OPENING TYPE AÇILIM TİPİ	SECTION TYPE DETAY TİPİ	VERTICAL PROFILE DÜŞEY PROFİL	BOTTOM DETAIL TYPE ALT DETAY TİPİ	QUANTITY ANGULAR MİKTARI / AÇI	FORMULA / FORMÜL	QUANTITY ANGULAR MİKTARI / AÇI	FORMULA / FORMÜL	QUANTITY ANGULAR MİKTARI / AÇI	FORMULA / FORMÜL	QUANTITY ANGULAR MİKTARI / AÇI	FORMULA / FORMÜL	QUANTITY ANGULAR MİKTARI / AÇI	FORMULA / FORMÜL	QUANTITY ANGULAR MİKTARI / AÇI	FORMULA / FORMÜL	QUANTITY ANGULAR MİKTARI / AÇI	FORMULA / FORMÜL	QUANTITY ANGULAR MİKTARI / AÇI	FORMULA / FORMÜL	QUANTITY ANGULAR MİKTARI / AÇI	FORMULA / FORMÜL	QUANTITY ANGULAR MİKTARI / AÇI	FORMULA / FORMÜL																		
4 + 2	8A	77BF-111-18	77BF-101-18	2 90°	FL-44	1 90°	FL-44	1 90°	FL-44	2 90°	FH	2 90°	FH-54 FH-27 FH-39	8 45°	SL1 = ((FL-156)/6)-15,3	4 45°	SL2=SL1+46	12 45°	SH = FH-92 SH = FH-92 SH = FH-77 SH = FH-92 SH = FH-92	90° 90° 90° 90° 90°	FL-44	8 90°	SL1-12	4 90°/45°	SL2+8	-	-	2 90° / 45°	SH+14	2 90° / 45°	SH+7	1 90°	SH+6	1 90°	SH-14 SH-10 SH-14 SH-10	-	-	-	-		
			77BF-102-18	2 90°	FL-44		1 90°		FL-44		2 90°		FH		2 90°		FH-54 FH-27 FH-39		SL1 = ((FL-208)/6)-15,3		SH = FH-92 SH = FH-92 SH = FH-77 SH = FH-92 SH = FH-77		FL-44		SL1-12				SL2+8		SH+14		SH+7		SH+6					SH-14 SH-10 SH-14 SH-10	
			77BF-103-18	2 90°	FL-44		1 90°		FL-44		2 90°		FH		2 90°		FH-54 FH-27 FH-39		SL1 = ((FL-128)/6)		SH = FH-92 SH = FH-92 SH = FH-77 SH = FH-92 SH = FH-92		FL-44		SL1-12				SL2+8		SH+14		SH+7		SH+6					SH-14 SH-10 SH-14 SH-10	
			77BF-101-18 + 77BF-401-18	2 90°	FL-44		1 90°		FL-44		2 90°		FH		2 90°		FH-54 FH-27 FH-39		SL1 = ((FL-156)/6)		SH = FH-92 SH = FH-92 SH = FH-77 SH = FH-92 SH = FH-77		FL-44		SL1-12				SL2+8		SH+14		SH+7		SH+6					SH-14 SH-10 SH-14 SH-10	
5 + 1	6A	77BF-111-18	77BF-101-18	2 90°	FL-44	1 90°	FL-44	1 90°	FL-44	2 90°	FH	2 90°	FH-54 FH-27 FH-39	12 45°	SL1 = ((FL-128)/6)	12 45°	SL2=SL1+46	12 45°	SH = FH-92 SH = FH-92 SH = FH-77 SH = FH-92 SH = FH-92	90° 90° 90° 90° 90°	FL-44	12 90°	SL1-12	-	-	-	-	-	-	1 90°	SH+6	1 90°	SH-14 SH-10 SH-14 SH-10	-	-	-	-				
			77BF-102-18	2 90°	FL-44		1 90°		FL-44		2 90°		FH		2 90°		FH-54 FH-27 FH-39		SL1 = ((FL-156)/6)		SH = FH-92 SH = FH-92 SH = FH-77 SH = FH-92 SH = FH-77		FL-44								SL1-12		SL2+8					SH+14	SH+7	SH+6	SH-14 SH-10 SH-14 SH-10
			77BF-103-18	2 90°	FL-44		1 90°		FL-44		2 90°		FH		2 90°		FH-54 FH-27 FH-39		SL1 = ((FL-180)/6)		SH = FH-92 SH = FH-92 SH = FH-77 SH = FH-92 SH = FH-77		FL-44								SL1-12		SL2+8					SH+14	SH+7	SH+6	SH-14 SH-10 SH-14 SH-10
			77BF-111-18 + 77BF-401-18	2 90°	FL-44		1 90°		FL-44		2 90°		FH		2 90°		FH-54 FH-27 FH-39		SL1 = ((FL-208)/6)		SH = FH-92 SH = FH-92 SH = FH-77 SH = FH-92 SH = FH-77		FL-44								SL1-12		SL2+8					SH+14	SH+7	SH+6	SH-14 SH-10 SH-14 SH-10
6 + 0	3A	77BF-111-18	77BF-101-18	2 90°	FL-44	1 90°	FL-44	1 90°	FL-44	2 90°	FH	2 90°	FH-54 FH-27 FH-39	10 45°	SL1 = ((FL-142)/6)-7,6	2 45°	SL2=SL1+46	12 45°	SH = FH-92 SH = FH-92 SH = FH-77 SH = FH-92 SH = FH-92	90° 90° 90° 90° 90°	FL-44	10 90°	SL1-12	2 90°/45°	SL2+8	-	-	1 90° / 45°	SH+14	1 90° / 45°	SH+7	1 90°	SH+6	-	-	-	-				
			77BF-102-18	2 90°	FL-44		1 90°		FL-44		2 90°		FH		2 90°		FH-54 FH-27 FH-39		SL1 = ((FL-194)/6)-7,6		SH = FH-92 SH = FH-92 SH = FH-77 SH = FH-92 SH = FH-77		FL-44		SL1-12				SL2+8		SH+14		SH+7					SH+6	SH-14 SH-10 SH-14 SH-10		
			77BF-103-18	2 90°	FL-44		1 90°		FL-44		2 90°		FH		2 90°		FH-54 FH-27 FH-39		SL1 = ((FL-154)/7)-6,6		SH = FH-92 SH = FH-92 SH = FH-77 SH = FH-92 SH = FH-92		FL-44		SL1-12				SL2+8		SH+14		SH+7					SH+6	SH-14 SH-10 SH-14 SH-10		
			77BF-111-18 + 77BF-401-18	2 90°	FL-44		1 90°		FL-44		2 90°		FH		2 90°		FH-54 FH-27 FH-39		SL1 = ((FL-168)/7)-6,6		SH = FH-92 SH = FH-92 SH = FH-77 SH = FH-92 SH = FH-77		FL-44		SL1-12				SL2+8		SH+14		SH+7					SH+6	SH-14 SH-10 SH-14 SH-10		
4 + 3	7A	77BF-111-18	77BF-101-18	2 90°	FL-44	1 90°	FL-44	1 90°	FL-44	2 90°	FH	2 90°	FH-54 FH-27 FH-39	12 45°	SL1 = ((FL-154)/7)-6,6	2 45°	SL2=SL1+46	14 45°	SH = FH-92 SH = FH-92 SH = FH-77 SH = FH-92 SH = FH-92	90° 90° 90° 90° 90°	FL-44	12 90°	SL1-12	2 90°/45°	SL2+8	-	-	1 90° / 45°	SH+14	1 90° / 45°	SH+7	1 90°	SH+6	1 90°	SH-14 SH-10 SH-14 SH-10	-	-	-	-		
			77BF-102-18	2 90°	FL-44		1 90°		FL-44		2 90°		FH		2 90°		FH-54 FH-27 FH-39		SL1 = ((FL-168)/7)-6,6		SH = FH-92 SH = FH-92 SH = FH-77 SH = FH-92 SH = FH-77		FL-44		SL1-12				SL2+8		SH+14		SH+7		SH+6					SH-14 SH-10 SH-14 SH-10	
			77BF-103-18	2 90°	FL-44		1 90°		FL-44		2 90°		FH		2 90°		FH-54 FH-27 FH-39		SL1 = ((FL-206)/7)-6,6		SH = FH-92 SH = FH-92 SH = FH-77 SH = FH-92 SH = FH-77		FL-44		SL1-12				SL2+8		SH+14		SH+7		SH+6					SH-14 SH-10 SH-14 SH-10	
			77BF-111-18 + 77BF-401-18	2 90°	FL-44		1 90°		FL-44		2 90°		FH		2 90°		FH-54 FH-27 FH-39		SL1 = ((FL-220)/7)-6,6		SH = FH-92 SH = FH-92 SH = FH-77 SH = FH-92 SH = FH-77		FL-44		SL1-12				SL2+8		SH+14		SH+7		SH+6					SH-14 SH-10 SH-14 SH-10	
5 + 2	7A	77BF-111-18	77BF-101-18	2 90°	FL-44	1 90°	FL-44	1 90°	FL-44	2 90°	FH	2 90°	FH-54 FH-27 FH-39	12 45°	SL1 = ((FL-154)/7)-6,6	2 45°	SL2=SL1+46	14 45°	SH = FH-92 SH = FH-92 SH = FH-77 SH = FH-92 SH = FH-92	90° 90° 90° 90° 90°	FL-44	12 90°	SL1-12	2 90°/45°	SL2+8	-	-	1 90° / 45°	SH+14	1 90° / 45°	SH+7	1 90°	SH+6	1 90°	SH-14 SH-10 SH-14 SH-10	-	-	-	-		
			77BF-102-18	2 90°	FL-44		1 90°		FL-44		2 90°		FH		2 90°		FH-54 FH-27 FH-39		SL1 = ((FL-168)/7)-6,6		SH = FH-92 SH = FH-92 SH = FH-77 SH = FH-92 SH = FH-77		FL-44		SL1-12				SL2+8		SH+14		SH+7		SH+6					SH-14 SH-10 SH-14 SH-10	
			77BF-103-18	2 90°	FL-44		1 90°		FL-44		2 90°		FH		2 90°		FH-54 FH-27 FH-39		SL1 = ((FL-206)/7)-6,6		SH = FH-92 SH = FH-92 SH = FH-77 SH = FH-92 SH = FH-77		FL-44		SL1-12				SL2+8		SH+14		SH+7		SH+6					SH-14 SH-10 SH-14 SH-10	
			77BF-111-18 + 77BF-401-18	2 90°	FL-44		1 90°		FL-44		2 90°		FH		2 90°		FH-54 FH-27 FH-39		SL1 = ((FL-220)/7)-6,6		SH = FH-92 SH = FH-92 SH = FH-77 SH = FH-92 SH = FH-77		FL-44		SL1-12				SL2+8		SH+14		SH+7		SH+6					SH-14 SH-10 SH-14 SH-10	
7B & 7C	77BF-111-18	77BF-101-18	77BF-101-18	2 90°	FL-44	1 90°	FL-44	1 90°	FL-44	2 90°	FH	2 90°	FH-54 FH-27 FH-39	12 45°	SL1 = ((FL-154)/7)-6,6	2 45°	SL2=SL1+46	14 45°	SH = FH-92 SH = FH-92 SH = FH-77 SH = FH-92 SH = FH-92	90° 90° 90° 90° 90°	FL-44	12 90°	SL1-12	2 90°/45°	SL2+8	-	-	1 90° / 45°	SH+14	1 90° / 45°	SH+7	1 90°	SH+6	1 90°	SH-14 SH-10 SH-14 SH-10	-	-	-	-		
			77BF-102-18	2 90°	FL-44		1 90°		FL-44		2 90°		FH		2 90°		FH-54 FH-27 FH-39		SL1 = ((FL-168)/7)-6,6		SH = FH-92 SH = FH-92 SH = FH-77 SH = FH-92 SH = FH-77		FL-44		SL1-12				SL2+8		SH+14		SH+7		SH+6					SH-14 SH-10 SH-14 SH-10	
			77BF-103-18	2 90°	FL-44		1 90°		FL-44		2 90°		FH		2 90°		FH-54 FH-27 FH-39		SL1 = ((FL-206)/7)-6,6		SH = FH-92 SH = FH-92 SH = FH-77 SH = FH-92 SH = FH-77		FL-44		SL1-12				SL2+8		SH+14		SH+7		SH+6					SH-14 SH-10 SH-14 SH-10	
			77BF-111-18 + 77BF-401-18	2 90°	FL-44		1 90°		FL-44		2 90°		FH		2 90°		FH-54 FH-27 FH-39		SL1 = ((FL-220)/7)-6,6		SH = FH-92 SH = FH-92 SH = FH-77 SH = FH-92 SH = FH-77		FL-44		SL1-12				SL2+8		SH+14		SH+7		SH+6					SH-14 SH-10 SH-14 SH-10	

CUTTING SIZE LIST / KESİM ÖLÇÜ LİSTESİ

90° CUTTING SIZE KESİM ÖLÇÜLERİ				GASKETS / FİTİLLER					GLASS / CAM 77BF-201-18			GLASS / CAM 77BF-202-18			GLAZING BEAD / CAM ÇİTASI 77BF-201-18				GLAZING BEAD / CAM ÇİTASI 77BF-202-18											
OPENING TYPE AÇILIM TİPİ	SECTION TYPE DETAY TİPİ	VERTICAL PROFILE DUŞEY PROFİL	BOTTOM DETAIL TYPE ALT DETAY TİPİ	EM77BF-01	EM77BF-02	EM77BF-03	EM3-03	EM3-01	EM2-03	EM1-XX	O-RING-3 mm	AC77BF-421	EM45-05	GL1	GL2	GL1	GL2	CL1	CH	CL2	CH	CL1	CH	CL2	CH					
				QUANTITY MIKTAR	FORMULA FORMÜL	Horizontal / Yatay	Vertical / Dikey	QUANTITY MIKTAR	FORMULA FORMÜL	Horizontal / Yatay	Vertical / Dikey	QUANTITY MIKTAR	FORMULA FORMÜL	Horizontal / Yatay	Vertical / Dikey	QUANTITY MIKTAR	FORMULA FORMÜL	Horizontal / Yatay	Vertical / Dikey	QUANTITY MIKTAR	FORMULA FORMÜL	Horizontal / Yatay	Vertical / Dikey	QUANTITY MIKTAR	FORMULA FORMÜL	Horizontal / Yatay	Vertical / Dikey			
6 + 1	7A	77BF-111-18	77BF-101-18 77BF-102-18 77BF-103-18	1FL + 12FH	1FL + 12FH	FL	2FL + 4FH 1FL + 4FH	12 (CL1+CH1) + 2 (CL2 +CH2)	12 (CL1+CH1) + 2 (CL2 +CH2)	12 (CL1+CH1) + 2 (CL2 +CH2)	12 (CL1+CH1) + 2 (CL2 +CH2)	2 FL	6	GL1 = SL1-98 GH = SH-98	1	GL2 = SL2-98 GH = SH-98	6	GL1 = SL1-88 GH = SH-88	1	GL2 = SL2-88 GH = SH-88	12	CL1 = SL1-78	12	CH = SH-122	2	CL2 = SL2-78 CH = SH-122	12	CL1 = SL1-78 CH = SH-106	2	CL2 = SL2-78 CH = SH-106
	7B & 7C	77BF-111-18	77BF-101-18 77BF-102-18 77BF-103-18	1FL + 12FH	1FL + 12FH	FL	2FL + 4FH 1FL + 4FH	12 (CL1+CH1) + 2 (CL2 +CH2)	12 (CL1+CH1) + 2 (CL2 +CH2)	12 (CL1+CH1) + 2 (CL2 +CH2)	12 (CL1+CH1) + 2 (CL2 +CH2)	2 FL	6	GL1 = SL1-98 GH = SH-98	1	GL2 = SL2-98 GH = SH-98	6	GL1 = SL1-88 GH = SH-88	1	GL2 = SL2-88 GH = SH-88	12	CL1 = SL1-78	12	CH = SH-122	2	CL2 = SL2-78 CH = SH-122	12	CL1 = SL1-78 CH = SH-106	2	CL2 = SL2-78 CH = SH-106
	7A*	77BF-111-18 + 77BF-401-18	77BF-101-18 77BF-102-18 77BF-103-18	1FL + 12FH	1FL + 12FH	FL	2FL + 6FH 1FL + 6FH	12 (CL1+CH1) + 2 (CL2 +CH2)	12 (CL1+CH1) + 2 (CL2 +CH2)	12 (CL1+CH1) + 2 (CL2 +CH2)	12 (CL1+CH1) + 2 (CL2 +CH2)	2 FL	6	GL1 = SL1-98 GH = SH-98	1	GL2 = SL2-98 GH = SH-98	6	GL1 = SL1-88 GH = SH-88	1	GL2 = SL2-88 GH = SH-88	12	CL1 = SL1-78	12	CH = SH-122	2	CL2 = SL2-78 CH = SH-122	12	CL1 = SL1-78 CH = SH-106	2	CL2 = SL2-78 CH = SH-106
	7B & 7C	77BF-111-18 + 77BF-401-18	77BF-101-18 77BF-102-18 77BF-103-18	1FL + 12FH	1FL + 12FH	FL	2FL + 6FH 1FL + 6FH	12 (CL1+CH1) + 2 (CL2 +CH2)	12 (CL1+CH1) + 2 (CL2 +CH2)	12 (CL1+CH1) + 2 (CL2 +CH2)	12 (CL1+CH1) + 2 (CL2 +CH2)	2 FL	6	GL1 = SL1-98 GH = SH-98	1	GL2 = SL2-98 GH = SH-98	6	GL1 = SL1-88 GH = SH-88	1	GL2 = SL2-88 GH = SH-88	12	CL1 = SL1-78	12	CH = SH-122	2	CL2 = SL2-78 CH = SH-122	12	CL1 = SL1-78 CH = SH-106	2	CL2 = SL2-78 CH = SH-106
7 + 0	2A	77BF-111-18	77BF-101-18 77BF-102-18 77BF-103-18	1FL + 13FH	1FL + 13FH	FL	2FL + 3FH 1FL + 3FH	14 (CL1+CH1)	14 (CL1+CH1)	14 (CL1+CH1)	14 (CL1+CH1)	2 FL	7	GL1 = SL1-98 GH = SH-98	-	-	7	GL1 = SL1-88 GH = SH-88	-	-	14	CL1 = SL1-78	14	CH = SH-122	-	-	14	CL1 = SL1-78 CH = SH-106	-	-
	2B & 2C	77BF-111-18	77BF-101-18 77BF-102-18 77BF-103-18	1FL + 13FH	1FL + 13FH	FL	2FL + 3FH 1FL + 3FH	14 (CL1+CH1)	14 (CL1+CH1)	14 (CL1+CH1)	14 (CL1+CH1)	2 FL	7	GL1 = SL1-98 GH = SH-98	-	-	7	GL1 = SL1-88 GH = SH-88	-	-	14	CL1 = SL1-78	14	CH = SH-122	-	-	14	CL1 = SL1-78 CH = SH-106	-	-
	2A*	77BF-111-18 + 77BF-401-18	77BF-101-18 77BF-102-18 77BF-103-18	1FL + 13FH	1FL + 13FH	FL	2FL + 5FH 1FL + 5FH	14 (CL1+CH1) + 4 (CL2 +CH2)	14 (CL1+CH1) + 4 (CL2 +CH2)	14 (CL1+CH1) + 4 (CL2 +CH2)	14 (CL1+CH1) + 4 (CL2 +CH2)	2 FL	7	GL1 = SL1-98 GH = SH-98	-	-	7	GL1 = SL1-88 GH = SH-88	-	-	14	CL1 = SL1-78	14	CH = SH-122	-	-	14	CL1 = SL1-78 CH = SH-106	-	-
	2B & 2C	77BF-111-18 + 77BF-401-18	77BF-101-18 77BF-102-18 77BF-103-18	1FL + 13FH	1FL + 13FH	FL	2FL + 5FH 1FL + 5FH	14 (CL1+CH1) + 4 (CL2 +CH2)	14 (CL1+CH1) + 4 (CL2 +CH2)	14 (CL1+CH1) + 4 (CL2 +CH2)	14 (CL1+CH1) + 4 (CL2 +CH2)	2 FL	7	GL1 = SL1-98 GH = SH-98	-	-	7	GL1 = SL1-88 GH = SH-88	-	-	14	CL1 = SL1-78	14	CH = SH-122	-	-	14	CL1 = SL1-78 CH = SH-106	-	-
4 + 4	8A	77BF-111-18	77BF-101-18 77BF-102-18 77BF-103-18	1FL + 14FH	1FL + 14FH	FL	2FL + 3FH 1FL + 3FH	12 (CL1+CH1) + 4 (CL2 +CH2)	12 (CL1+CH1) + 4 (CL2 +CH2)	12 (CL1+CH1) + 4 (CL2 +CH2)	12 (CL1+CH1) + 4 (CL2 +CH2)	2 FL	6	GL1 = SL1-98 GH = SH-98	2	GL2 = SL2-98 GH = SH-98	6	GL1 = SL1-88 GH = SH-88	2	GL2 = SL2-88 GH = SH-88	12	CL1 = SL1-78	12	CH = SH-122	4	CL2 = SL2-78 CH = SH-122	12	CL1 = SL1-78 CH = SH-106	4	CL2 = SL2-78 CH = SH-106
		77BF-111-18 + 77BF-401-18	77BF-101-18 77BF-102-18 77BF-103-18	1FL + 14FH	1FL + 14FH	FL	2FL + 5FH 1FL + 5FH	12 (CL1+CH1) + 4 (CL2 +CH2)	12 (CL1+CH1) + 4 (CL2 +CH2)	12 (CL1+CH1) + 4 (CL2 +CH2)	12 (CL1+CH1) + 4 (CL2 +CH2)	2 FL	6	GL1 = SL1-98 GH = SH-98	2	GL2 = SL2-98 GH = SH-98	6	GL1 = SL1-88 GH = SH-88	2	GL2 = SL2-88 GH = SH-88	12	CL1 = SL1-78	12	CH = SH-122	4	CL2 = SL2-78 CH = SH-122	12	CL1 = SL1-78 CH = SH-106	4	CL2 = SL2-78 CH = SH-106
5 + 3	6A	77BF-111-18	77BF-101-18 77BF-102-18 77BF-103-18	1FL + 14FH	1FL + 14FH	FL	2FL + 4FH 1FL + 4FH	16 (CL1+CH1)	16 (CL1+CH1)	16 (CL1+CH1)	16 (CL1+CH1)	2 FL	8	GL1 = SL1-98 GH = SH-98	-	-	8	GL1 = SL1-88 GH = SH-88	-	-	16	CL1 = SL1-78	16	CH = SH-122	-	-	16	CL1 = SL1-78 CH = SH-106	-	-
	6B & 6C	77BF-111-18	77BF-101-18 77BF-102-18 77BF-103-18	1FL + 14FH	1FL + 14FH	FL	2FL + 4FH 1FL + 4FH	16 (CL1+CH1)	16 (CL1+CH1)	16 (CL1+CH1)	16 (CL1+CH1)	2 FL	8	GL1 = SL1-98 GH = SH-98	-	-	8	GL1 = SL1-88 GH = SH-88	-	-	16	CL1 = SL1-78	16	CH = SH-122	-	-	16	CL1 = SL1-78 CH = SH-106	-	-
	6A*	77BF-111-18 + 77BF-401-18	77BF-101-18 77BF-102-18 77BF-103-18	1FL + 14FH	1FL + 14FH	FL	2FL + 6FH 1FL + 6FH	16 (CL1+CH1) + 4 (CL2 +CH2)	16 (CL1+CH1) + 4 (CL2 +CH2)	16 (CL1+CH1) + 4 (CL2 +CH2)	16 (CL1+CH1) + 4 (CL2 +CH2)	2 FL	8	GL1 = SL1-98 GH = SH-98	-	-	8	GL1 = SL1-88 GH = SH-88	-	-	16	CL1 = SL1-78	16	CH = SH-122	-	-	16	CL1 = SL1-78 CH = SH-106	-	-
	6B & 6C	77BF-111-18 + 77BF-401-18	77BF-101-18 77BF-102-18 77BF-103-18	1FL + 14FH	1FL + 14FH	FL	2FL + 6FH 1FL + 6FH	16 (CL1+CH1) + 4 (CL2 +CH2)	16 (CL1+CH1) + 4 (CL2 +CH2)	16 (CL1+CH1) + 4 (CL2 +CH2)	16 (CL1+CH1) + 4 (CL2 +CH2)	2 FL	8	GL1 = SL1-98 GH = SH-98	-	-	8	GL1 = SL1-88 GH = SH-88	-	-	16	CL1 = SL1-78	16	CH = SH-122	-	-	16	CL1 = SL1-78 CH = SH-106	-	-

CUTTING SIZE LIST / KESİM ÖLÇÜ LİSTESİ

90° CUTTING SIZE KESİM ÖLÇÜLERİ				HORIZONTAL FRAME YATAY KASA 77BF-101-18		HORIZONTAL FRAME YATAY KASA 77BF-102-18		HORIZONTAL FRAME YATAY KASA 77BF-103-18		VERTICAL FRAME DÜŞEY KASA 77BF-111-18		ADJUSTING ADAPTER AYAR ADAPTÖRÜ 77BF-401-18		HORIZONTAL SASH 1 YATAY KANAT 1 77BF-201-18		HORIZONTAL SASH 2 YATAY KANAT 2 77BF-201-18		VERTICAL SASH DÜŞEY KANAT 77BF-201-18		FRAME ADAPTER KASA ADAPTÖRÜ 77BF-402-00		HORIZONTAL SASH ADAPTER 1 YATAY KANAT ADAPTÖRÜ 1 77BF-501-00 / H1		HORIZONTAL SASH ADAPTER 2 YATAY KANAT ADAPTÖRÜ 2 77BF-501-00 / H2		HORIZONTAL SASH ADAPTER 3 YATAY KANAT ADAPTÖRÜ 3 77BF-501-00 / H3		VERTICAL SASH ADAPTER 1 DÜŞEY KANAT ADAPTÖRÜ 1 77BF-501-00 / V1		VERTICAL SASH ADAPTER 2 DÜŞEY KANAT ADAPTÖRÜ 2 77BF-501-00 / V2		ADAPTER 1 ADAPTÖR 1 77BF-502-00 / 1		ADAPTER 2 ADAPTÖR 2 77BF-502-00 / 2		ADAPTER 1 ADAPTÖR 1 77BF-503-00 / 1		ADAPTER 2 ADAPTÖR 2 77BF-503-00 / 2																																																																																																																																																											
OPENING TYPE AÇILIM TİPİ	SECTION TYPE DETAY TİPİ	VERTICAL PROFILE DÜŞEY PROFİL	BOTTOM DETAIL TYPE ALT DETAY TİPİ	QUANTITY ANGULAR MIKTARI / AÇI	FORMULA / FORMÜL	QUANTITY ANGULAR MIKTARI / AÇI	FORMULA / FORMÜL	QUANTITY ANGULAR MIKTARI / AÇI	FORMULA / FORMÜL	QUANTITY ANGULAR MIKTARI / AÇI	FORMULA / FORMÜL	QUANTITY ANGULAR MIKTARI / AÇI	FORMULA / FORMÜL	QUANTITY ANGULAR MIKTARI / AÇI	FORMULA / FORMÜL	QUANTITY ANGULAR MIKTARI / AÇI	FORMULA / FORMÜL	QUANTITY ANGULAR MIKTARI / AÇI	FORMULA / FORMÜL	QUANTITY ANGULAR MIKTARI / AÇI	FORMULA / FORMÜL	QUANTITY ANGULAR MIKTARI / AÇI	FORMULA / FORMÜL	QUANTITY ANGULAR MIKTARI / AÇI	FORMULA / FORMÜL	QUANTITY ANGULAR MIKTARI / AÇI	FORMULA / FORMÜL	QUANTITY ANGULAR MIKTARI / AÇI	FORMULA / FORMÜL	QUANTITY ANGULAR MIKTARI / AÇI	FORMULA / FORMÜL	QUANTITY ANGULAR MIKTARI / AÇI	FORMULA / FORMÜL	QUANTITY ANGULAR MIKTARI / AÇI	FORMULA / FORMÜL	QUANTITY ANGULAR MIKTARI / AÇI	FORMULA / FORMÜL	QUANTITY ANGULAR MIKTARI / AÇI	FORMULA / FORMÜL																																																																																																																																																										
6 + 1	7A	77BF-111-18	77BF-101-18	2	90°	FL-44	1	90°	FL-44	2	90°	FH	2	90°	FH-54	2	90°	FH-27	2	90°	FH-39	2	90°	FH-54	2	90°	FH-27	2	90°	FH-39	2	90°	FH-54	2	90°	FH-27	2	90°	FH-39	2	90°	FH-39																																																																																																																																																							
			77BF-102-18	1	90°																																						SL1 = ((FL-154)/7)-6,6	SH = FH-92	1	90°	FL-44	12	90°	SL1-12	-	-	1	90° / 45°	SH+14	1	90° / 45°	SH+7	1	90°	SH-14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-																																																																																																																	
			77BF-103-18	1	90°																																						SL1 = ((FL-168)/7)-6,6	SH = FH-92	2	90°	FL-44	10	90°	SL1-12	2	90° / 45°	SL1+8	2	90° / 45°	SH+14	2	90° / 45°	SH+7	2	90° / 45°	SL1+8	2	90° / 45°	SH+14	2	90° / 45°	SH+7	2	90° / 45°	SH+14	2	90° / 45°	SH+7	2	90° / 45°	SH+7	2	90° / 45°	SH+7	2	90° / 45°	SH+7	2	90° / 45°	SH+7																																																																																																											
	7B & 7C	77BF-111-18	77BF-101-18	2	90°	FL-44	1	90°	FL-44																																		2	90°	FH	2	90°	FH-54	2	90°	FH-27	2	90°	FH-39	2	90°	FH-54	2	90°	FH-27	2	90°	FH-39	2	90°	FH-54	2	90°	FH-27	2	90°	FH-39	2	90°	FH-39	2	90°	FH-39																																																																																																																			
			77BF-102-18	1	90°																																																																										SL1 = ((FL-206)/7)-6,6	SH = FH-92	10	90°	SL1-12	-	-	1	90° / 45°	SH+14	1	90° / 45°	SH+7	1	90°	SH-14	1	90°	SH+1	1	90°	SH-280	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-																																																																										
			77BF-103-18	1	90°																																																																										SL1 = ((FL-220)/7)-6,6	SH = FH-92	2	90°	FL-96	12	90°	SL1-12	-	-	1	90° / 45°	SH+14	1	90° / 45°	SH+7	1	90°	SH-14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-																																																																						
	7A*	77BF-111-18 + 77BF-401-18	77BF-101-18	2	90°	FL-44	1	90°	FL-44																																																																						2	90°	FH	2	90°	FH-54	2	90°	FH-27	2	90°	FH-39	2	90°	FH-54	2	90°	FH-27	2	90°	FH-39	2	90°	FH-54	2	90°	FH-27	2	90°	FH-39	2	90°	FH-39	2	90°	FH-39																																																																															
			77BF-102-18	1	90°																																																																																																														SL1 = ((FL-206)/7)-6,6	SH = FH-92	10	90°	SL1-12	-	-	1	90° / 45°	SH+14	1	90° / 45°	SH+7	1	90°	SH-14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-																																				
			77BF-103-18	1	90°																																																																																																														SL1 = ((FL-220)/7)-6,6	SH = FH-92	2	90°	FL-96	12	90°	SL1-12	-	-	1	90° / 45°	SH+14	1	90° / 45°	SH+7	1	90°	SH-14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-																																	
	7B & 7C	77BF-111-18 + 77BF-401-18	77BF-101-18	2	90°	FL-44	1	90°	FL-44																																																																																																										2	90°	FH	2	90°	FH-54	2	90°	FH-27	2	90°	FH-39	2	90°	FH-54	2	90°	FH-27	2	90°	FH-39	2	90°	FH-54	2	90°	FH-27	2	90°	FH-39	2	90°	FH-39	2	90°	FH-39																																											
			77BF-102-18	1	90°																																																																																																																																																		SL1 = ((FL-206)/7)-6,6	SH = FH-92	10	90°	SL1-12	-	-	1	90° / 45°	SH+14	1	90° / 45°	SH+7	1	90°	SH-14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			77BF-103-18	1	90°																																																																																																																																																		SL1 = ((FL-220)/7)-6,6	SH = FH-92	2	90°	FL-96	12	90°	SL1-12	-	-	1	90° / 45°	SH+14	1	90° / 45°	SH+7	1	90°	SH-14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7 + 0	2A	77BF-111-18	77BF-101-18	2	90°	FL-44	1	90°	FL-44	2	90°	FH	2	90°	FH-54	2	90°	FH-27	2	90°	FH-39	2	90°	FH-54	2	90°	FH-27	2	90°	FH-39	2	90°	FH-54	2	90°	FH-27	2	90°	FH-39	2	90°	FH-39																																																																																																																																																							
			77BF-102-18	1	90°																																																																																																																																																		SL1 = (FL-140)/7	SH = FH-92	14	90°	SL1-12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			77BF-103-18	1	90°																																																																																																																																																		SL1 = (FL-154)/7	SH = FH-92	12	90°	SL1-12	2	90° / 45°	SL1+8	1	90° / 45°	SH+14	1	90° / 45°	SH+7	1	90°	SH-14	1	90°	SH+1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	2B & 2C	77BF-111-18	77BF-101-18	2	90°	FL-44	1	90°	FL-44																																		2	90°	FH	2	90°	FH-54	2	90°	FH-27	2	90°	FH-39	2	90°	FH-54	2	90°	FH-27	2	90°	FH-39	2	90°	FH-54	2	90°	FH-27	2	90°	FH-39	2	90°	FH-39																																																																																																																						
			77BF-102-18	1	90°																																																																							SL1 = (FL-192)/7	SH = FH-92	14																																																																									90°	SL1-12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-						
			77BF-103-18	1	90°																																																																							SL1 = (FL-206)/7	SH = FH-92	12																																																																									90°	SL1-12	2	90° / 45°	SL1+8	1	90° / 45°	SH+14	1	90° / 45°	SH+7	1	90°	SH-14	1	90°	SH+1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
	2A*	77BF-111-18 + 77BF-401-18	77BF-101-18	2	90°	FL-44	1	90°	FL-44																																																																			2	90°	FH	2	90°	FH-54	2	90°	FH-27	2	90°	FH-39	2	90°	FH-54	2	90°	FH-27	2	90°	FH-39	2	90°	FH-54	2	90°	FH-27	2	90°	FH-39	2	90°	FH-39																																																																																					
			77BF-102-18	1	90°																																																																																																								SL1 = (FL-192)/7	SH = FH-92	14	90°	SL1-12	-																																					-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-									
			77BF-103-18	1	90°																																																																																																								SL1 = (FL-206)/7	SH = FH-92	12	90°	SL1-12	2																																					90° / 45°	SL1+8	1	90° / 45°	SH+14	1	90° / 45°	SH+7	1	90°	SH-14	1	90°	SH+1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
	2B & 2C	77BF-111-18 + 77BF-401-18	77BF-101-18	2	90°	FL-44	1	90°	FL-44																																																																																																				2	90°	FH	2	90°	FH-54	2	90°	FH-27	2	90°	FH-39	2	90°	FH-54	2	90°	FH-27	2	90°	FH-39	2	90°	FH-54	2	90°	FH-27	2	90°	FH-39	2	90°	FH-39																																																				
			77BF-102-18	1	90°																																																																																																																																									SL1 = (FL-206)/7	SH = FH-92	12	90°	SL1-12	2	90° / 45°	SL1+8	1	90° / 45°	SH+14	1	90° / 45°	SH+7	1	90°	SH-14	1	90°	SH+1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-											
			77BF-103-18	1	90°																																																																																																																																									SL1 = (FL-206)/7	SH = FH-92	12	90°	SL1-12	2	90° / 45°	SL1+8	1	90° / 45°	SH+14	1	90° / 45°	SH+7	1	90°	SH-14	1	90°	SH+1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-								
4 + 4	8A	77BF-111-18	77BF-101-18	2	90°	FL-44	1	90°	FL-44	2	90°	FH	2	90°	FH-54	2	90°	FH-27	2	90°	FH-39	2	90°	FH-54	2	90°	FH-27	2	90°	FH-39	2	90°	FH-54	2	90°	FH-27	2	90°	FH-39	2	90°	FH-39																																																																																																																																																							

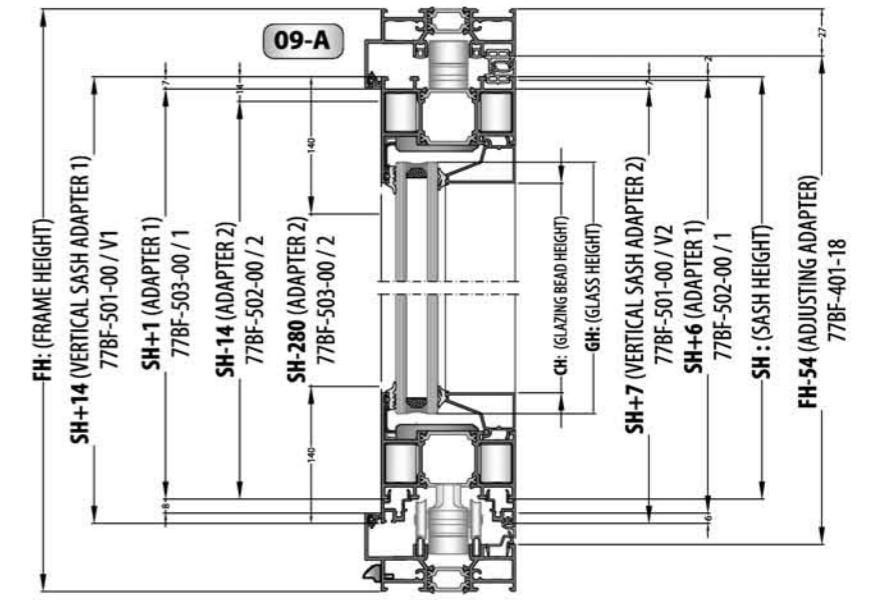
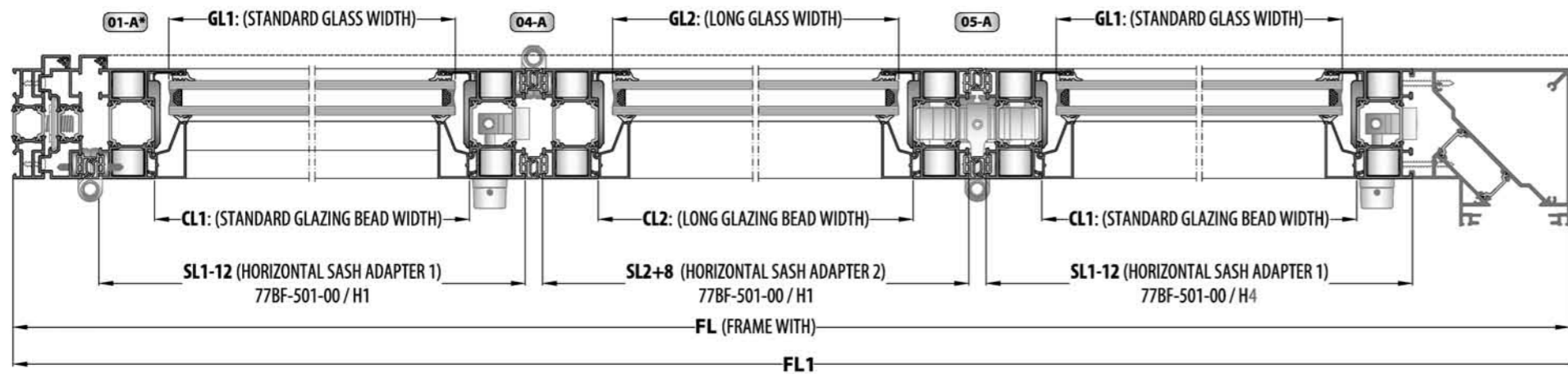
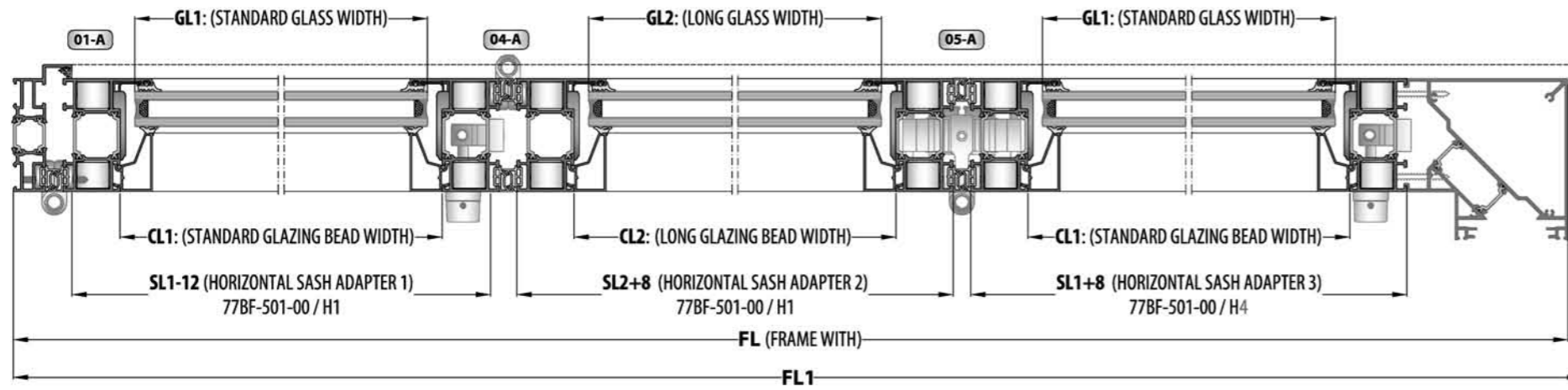
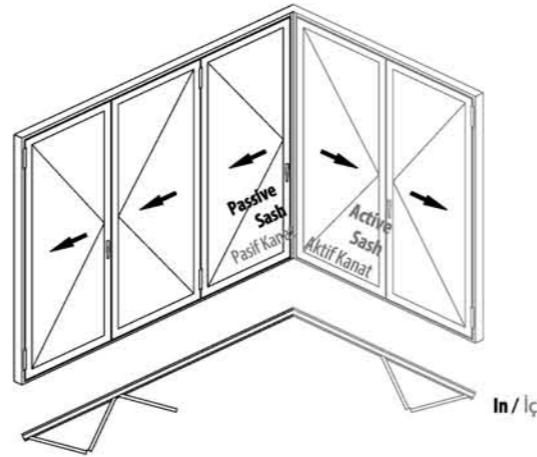
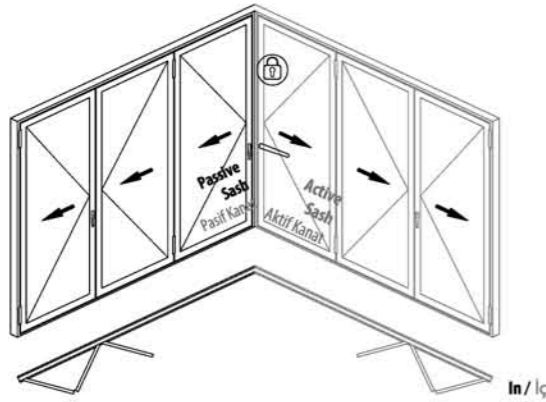
CUTTING SIZE LIST / KESİM ÖLÇÜ LİSTESİ

90° CUTTING SIZE KESİM ÖLÇÜLERİ				GASKETS / FİTİLLER				GLASS / CAM 77BF-201-18				GLASS / CAM 77BF-202-18				GLAZING BEAD / CAM ÇİTASI 77BF-201-18				GLAZING BEAD / CAM ÇİTASI 77BF-202-18																	
OPENING TYPE AÇILIM TİPİ	SECTION TYPE DETAY TİPİ	VERTICAL PROFILE DÜŞEY PROFİL	BOTTOM DETAIL TYPE ALT DETAY TİPİ	EM77BF-01	EM77BF-02	EM77BF-03	EM3-03	EM3-01	EM2-03	EM1-XX	O.RING-3 mm	AC77BF-4Z1	EM45-05	GL1		GL2		GL1		GL2		CL1		CH		CL2		CH									
				1FL + 14FH	1FL + 14FH	FL	2FL + 3FH 1FL + 3FH 2FL + 5FH 1FL + 5FH	FH	12 (CL1+CH1) + 4 (CL2 +CH2)	12 (CL1+CH1) + 4 (CL2 +CH2)	12 (CL1+CH1) + 4 (CL2 +CH2)	1FL	2 FL	QUANTITY MİKTAR	FORMULA FORMÜLÜ	Horizontal / Yatay	Vertical / Dişey	QUANTITY MİKTAR	FORMULA FORMÜLÜ	Horizontal / Yatay	Vertical / Dişey	QUANTITY MİKTAR	FORMULA FORMÜLÜ	Horizontal / Yatay	Vertical / Dişey	QUANTITY MİKTAR	FORMULA FORMÜLÜ	Horizontal / Yatay	Vertical / Dişey	QUANTITY MİKTAR	FORMULA FORMÜLÜ	Horizontal / Yatay	Vertical / Dişey				
6 + 2	8A	77BF-111-18	77BF-101-18	1FL + 14FH	1FL + 14FH	FL	2FL + 3FH	FH	12 (CL1+CH1) + 4 (CL2 +CH2)	12 (CL1+CH1) + 4 (CL2 +CH2)	12 (CL1+CH1) + 4 (CL2 +CH2)	1FL	2 FL	6	GL1 = SL1-98	Horizontal / Yatay	Vertical / Dişey	2	GL2 = SL2-98	Horizontal / Yatay	Vertical / Dişey	6	GL1 = SL1-88	Horizontal / Yatay	Vertical / Dişey	12	CL1 = SL1-78	12	CH = SH-122	4	CL2 = SL2-78	4	CH = SH-122				
		77BF-102-18	77BF-102-18				1FL + 3FH					1FL																						GH = SH-98	GH = SH-88	GH = SH-88	GH = SH-88
		77BF-103-18	77BF-101-18				2FL + 5FH					1FL																						GH = SH-98	GH = SH-88	GH = SH-88	GH = SH-88
		77BF-401-18	77BF-102-18				1FL + 5FH					1FL																						GH = SH-98	GH = SH-88	GH = SH-88	GH = SH-88
7 + 1	6A	77BF-111-18	77BF-101-18	1FL + 14FH	1FL + 14FH	FL	2FL + 4FH	16 (CL1+CH1)	16 (CL1+CH1)	16 (CL1+CH1)	1FL	2 FL	8	GL1 = SL1-98	Horizontal / Yatay	Vertical / Dişey	8	GL1 = SL1-88	Horizontal / Yatay	Vertical / Dişey	8	GL1 = SL1-88	Horizontal / Yatay	Vertical / Dişey	16	CL1 = SL1-78	16	CH = SH-122	4	CL2 = SL2-78	4	CH = SH-122					
	77BF-102-18	77BF-102-18	1FL + 4FH				1FL																										GH = SH-98	GH = SH-88	GH = SH-88	GH = SH-88	
	77BF-103-18	77BF-101-18	2FL + 4FH				1FL																										GH = SH-98	GH = SH-88	GH = SH-88	GH = SH-88	
	77BF-102-18	77BF-102-18	1FL + 4FH				1FL																										GH = SH-98	GH = SH-88	GH = SH-88	GH = SH-88	
	77BF-103-18	77BF-103-18	2FL + 6FH				1FL																										GH = SH-98	GH = SH-88	GH = SH-88	GH = SH-88	
	77BF-401-18	77BF-101-18	1FL + 6FH				1FL																										GH = SH-98	GH = SH-88	GH = SH-88	GH = SH-88	
	77BF-102-18	77BF-102-18	2FL + 6FH				1FL																										GH = SH-98	GH = SH-88	GH = SH-88	GH = SH-88	
	77BF-103-18	77BF-103-18	1FL + 6FH				1FL																										GH = SH-98	GH = SH-88	GH = SH-88	GH = SH-88	
5 + 4	7A	77BF-111-18	77BF-101-18	1FL + 16FH	1FL + 16FH	FL	2FL + 4FH	16 (CL1+CH1) + 2 (CL2 +CH2)	16 (CL1+CH1) + 2 (CL2 +CH2)	16 (CL1+CH1) + 2 (CL2 +CH2)	1FL	2 FL	8	GL1 = SL1-98	Horizontal / Yatay	Vertical / Dişey	8	GL1 = SL1-88	Horizontal / Yatay	Vertical / Dişey	8	GL1 = SL1-88	Horizontal / Yatay	Vertical / Dişey	16	CL1 = SL1-78	16	CH = SH-122	2	CL2 = SL2-78	2	CH = SH-122					
	77BF-102-18	77BF-102-18	1FL + 4FH				1FL																										GH = SH-98	GH = SH-88	GH = SH-88	GH = SH-88	
	77BF-103-18	77BF-101-18	2FL + 4FH				1FL																										GH = SH-98	GH = SH-88	GH = SH-88	GH = SH-88	
	77BF-102-18	77BF-102-18	1FL + 4FH				1FL																										GH = SH-98	GH = SH-88	GH = SH-88	GH = SH-88	
	77BF-103-18	77BF-103-18	2FL + 6FH				1FL																										GH = SH-98	GH = SH-88	GH = SH-88	GH = SH-88	
	77BF-401-18	77BF-101-18	1FL + 6FH				1FL																										GH = SH-98	GH = SH-88	GH = SH-88	GH = SH-88	
	77BF-102-18	77BF-102-18	2FL + 6FH				1FL																										GH = SH-98	GH = SH-88	GH = SH-88	GH = SH-88	
	77BF-103-18	77BF-103-18	1FL + 6FH				1FL																										GH = SH-98	GH = SH-88	GH = SH-88	GH = SH-88	
6 + 3	7A	77BF-111-18	77BF-101-18	1FL + 16FH	1FL + 16FH	FL	2FL + 4FH	16 (CL1+CH1) + 2 (CL2 +CH2)	16 (CL1+CH1) + 2 (CL2 +CH2)	16 (CL1+CH1) + 2 (CL2 +CH2)	1FL	2 FL	8	GL1 = SL1-98	Horizontal / Yatay	Vertical / Dişey	8	GL1 = SL1-88	Horizontal / Yatay	Vertical / Dişey	8	GL1 = SL1-88	Horizontal / Yatay	Vertical / Dişey	16	CL1 = SL1-78	16	CH = SH-122	2	CL2 = SL2-78	2	CH = SH-122					
	77BF-102-18	77BF-102-18	1FL + 4FH				1FL																										GH = SH-98	GH = SH-88	GH = SH-88	GH = SH-88	
	77BF-103-18	77BF-101-18	2FL + 4FH				1FL																										GH = SH-98	GH = SH-88	GH = SH-88	GH = SH-88	
	77BF-102-18	77BF-102-18	1FL + 4FH				1FL																										GH = SH-98	GH = SH-88	GH = SH-88	GH = SH-88	
	77BF-103-18	77BF-103-18	2FL + 6FH				1FL																										GH = SH-98	GH = SH-88	GH = SH-88	GH = SH-88	
	77BF-401-18	77BF-101-18	1FL + 6FH				1FL																										GH = SH-98	GH = SH-88	GH = SH-88	GH = SH-88	
	77BF-102-18	77BF-102-18	2FL + 6FH				1FL																										GH = SH-98	GH = SH-88	GH = SH-88	GH = SH-88	
	77BF-103-18	77BF-103-18	1FL + 6FH				1FL																										GH = SH-98	GH = SH-88	GH = SH-88	GH = SH-88	
7 + 2	7A	77BF-111-18	77BF-101-18	1FL + 16FH	1FL + 16FH	FL	2FL + 4FH	16 (CL1+CH1) + 2 (CL2 +CH2)	16 (CL1+CH1) + 2 (CL2 +CH2)	16 (CL1+CH1) + 2 (CL2 +CH2)	1FL	2 FL	8	GL1 = SL1-98	Horizontal / Yatay	Vertical / Dişey	8	GL1 = SL1-88	Horizontal / Yatay	Vertical / Dişey	8	GL1 = SL1-88	Horizontal / Yatay	Vertical / Dişey	16	CL1 = SL1-78	16	CH = SH-122	2	CL2 = SL2-78	2	CH = SH-122					
	77BF-102-18	77BF-102-18	1FL + 4FH				1FL																										GH = SH-98	GH = SH-88	GH = SH-88	GH = SH-88	
	77BF-103-18	77BF-101-18	2FL + 4FH				1FL																										GH = SH-98	GH = SH-88	GH = SH-88	GH = SH-88	
	77BF-102-18	77BF-102-18	1FL + 4FH				1FL																										GH = SH-98	GH = SH-88	GH = SH-88	GH = SH-88	
	77BF-103-18	77BF-103-18	2FL + 6FH				1FL																										GH = SH-98	GH = SH-88	GH = SH-88	GH = SH-88	
	77BF-401-18	77BF-101-18	1FL + 6FH				1FL																										GH = SH-98	GH = SH-88	GH = SH-88	GH = SH-88	
	77BF-102-18	77BF-102-18	2FL + 6FH				1FL																										GH = SH-98	GH = SH-88	GH = SH-88	GH = SH-88	
	77BF-103-18	77BF-103-18	1FL + 6FH				1FL																										GH = SH-98	GH = SH-88	GH = SH-88	GH = SH-88	

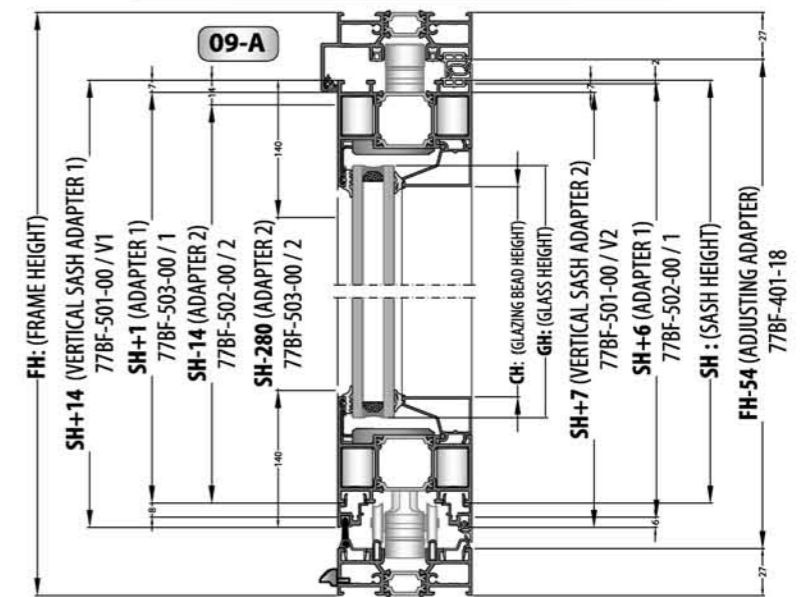
PASSIVE / PASİF

90° FORMULE DESCRIPTION / FORMÜL AÇIKLAMALARI

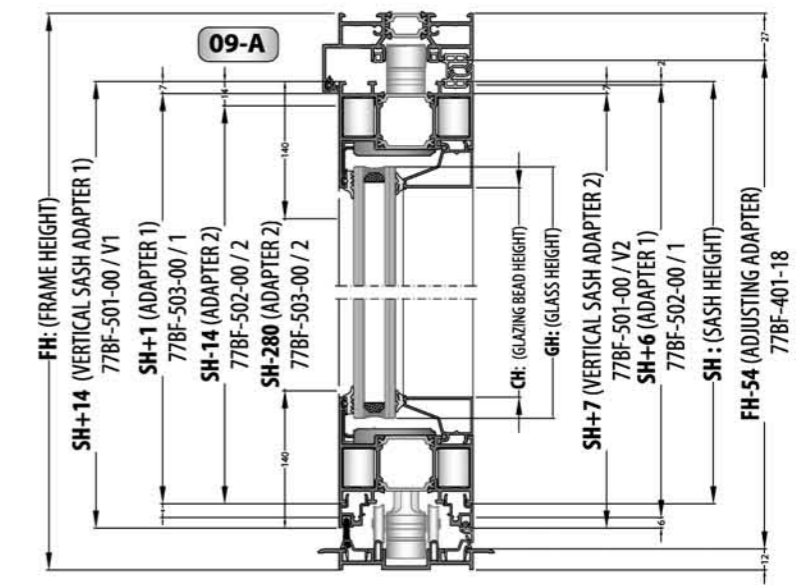
INWARD OPENING / İÇE AÇILIR



10-A HORIZONTAL FRAME / İÇE AÇILIR : 77BF-101-18



10-B HORIZONTAL FRAME / İÇE AÇILIR : 77BF-102-18

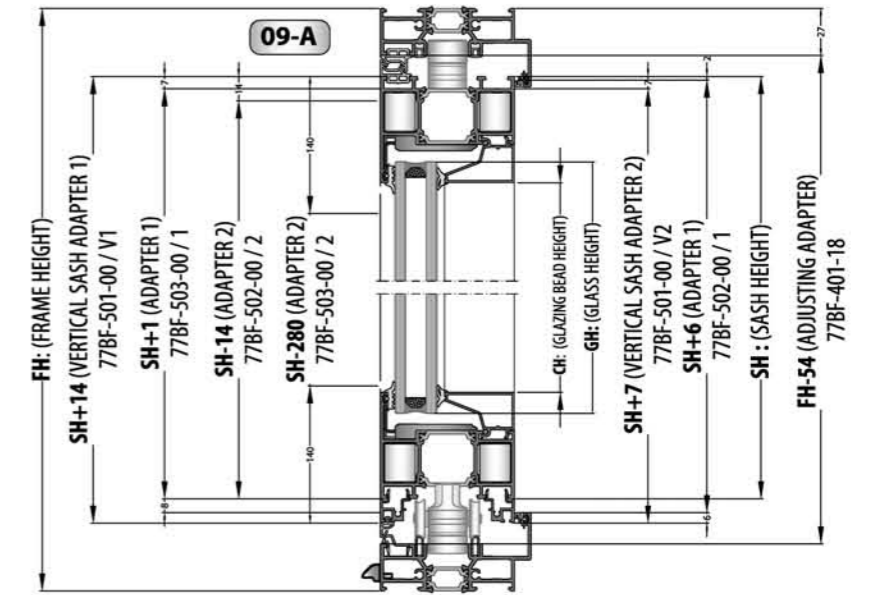
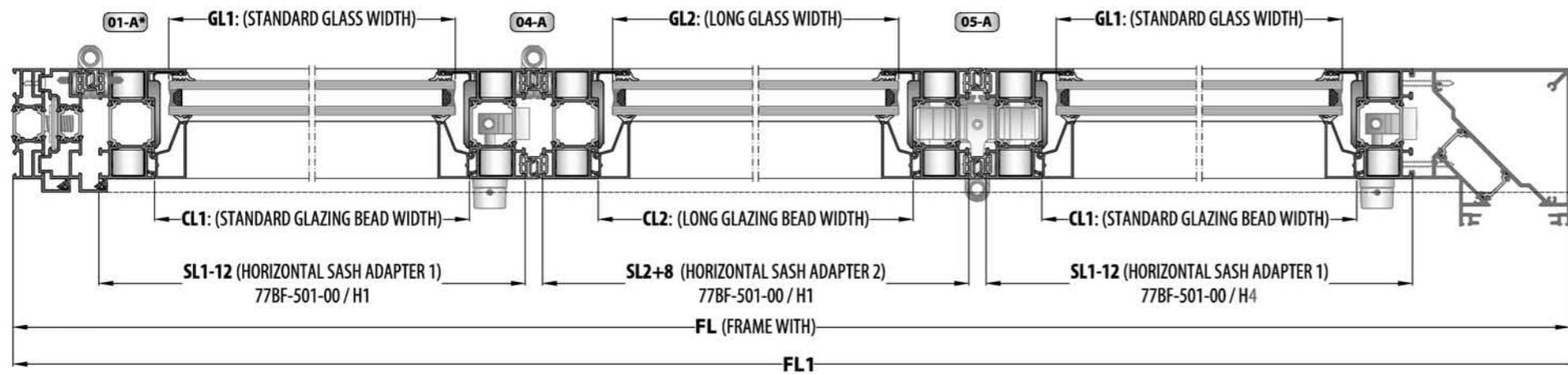
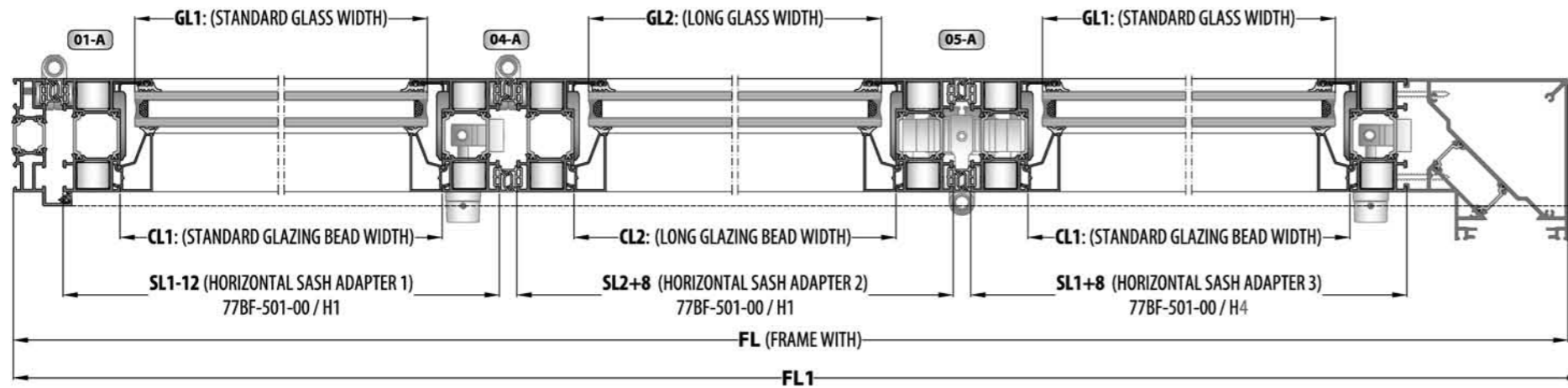
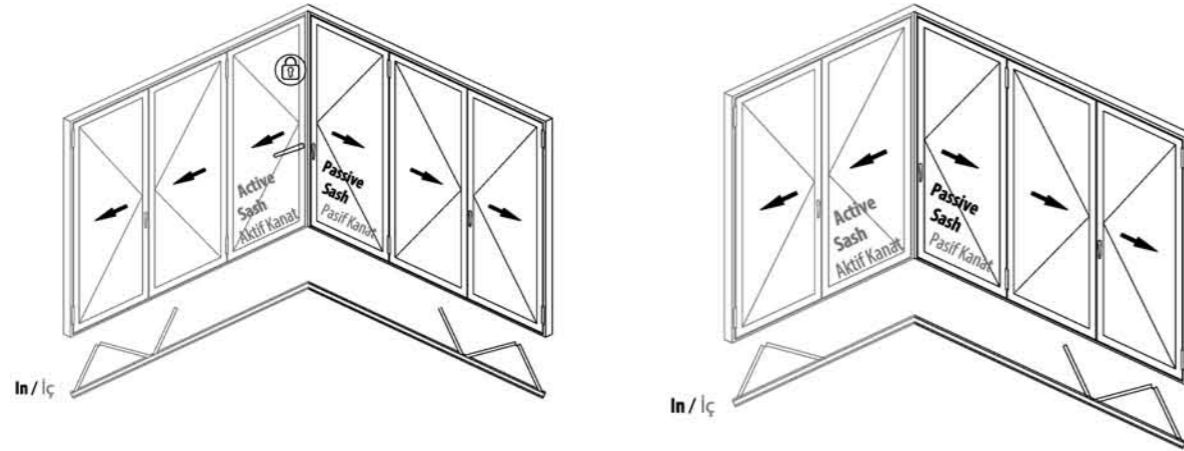


10-C HORIZONTAL FRAME / İÇE AÇILIR : 77BF-103-00

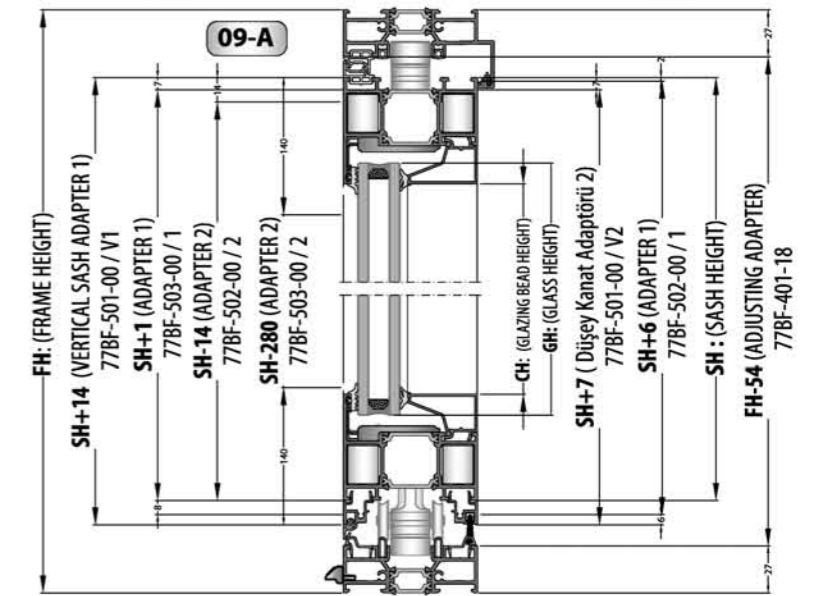
PASSIVE / PASİF

90° **FORMULE DESCRIPTION / FORMÜL AÇIKLAMALARI**

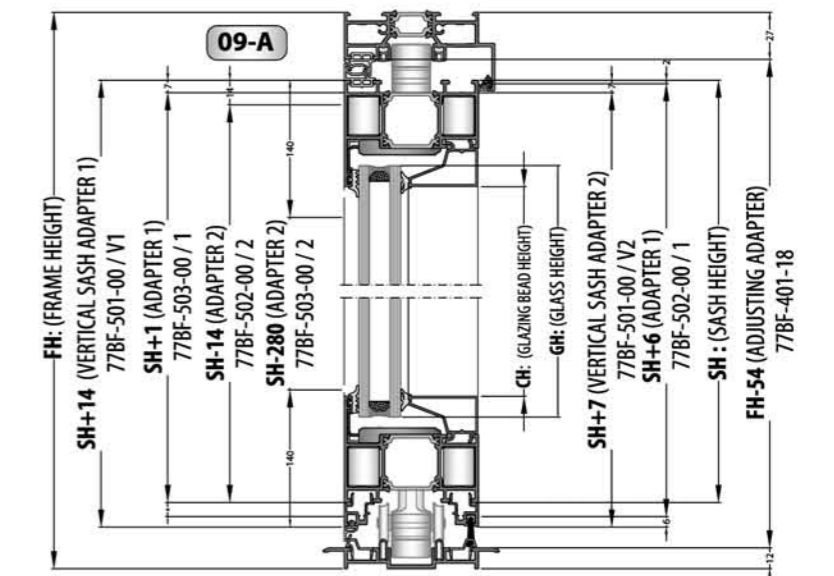
OUTWARD OPENING / DIŞA AÇILIR



10-A HORIZONTAL FRAME / HORIZONTAL KANAT : 77BF-101-18



10-B HORIZONTAL FRAME / HORIZONTAL KANAT : 77BF-102-18



10-C HORIZONTAL FRAME / HORIZONTAL KANAT : 77BF-103-00

PASSIVE / PASİF

90° CORNER CUTTING SIZE LIST / KÖŞE DÖNÜŞ KESİM ÖLÇÜ LİSTESİ

90° CUTTING SIZE KESİM ÖLÇÜLERİ				GASKETS / FİTİLLER								GLASS / CAM 77BF-201-18				GLASS / CAM 77BF-202-18				GLAZING BEAD / CAM ÇİTASI 77BF-201-18				GLAZING BEAD / CAM ÇİTASI 77BF-202-18					
OPENING TYPE AÇILIM TİPİ	SECTION TYPE DETAY TİPİ	VERTICAL PROFILE DÜŞEY PROFİL	BOTTOM DETAIL TYPE ALT DETAY TİPİ	EM77BF-01	EM77BF-02	EM77BF-03	EM3-03	EM3-01	EM2-03	EM1-XX	O-RING-3 mm	AC77BF-421	EM45-05	GL1	GL2	GL1	GL2	CL1	CH	CL2	CH	CL1	CH	CL2	CH	CL1	CH	CL2	CH
				QUANTITY MİKTAR	FORMULA FORMÜL	QUANTITY MİKTAR	FORMULA FORMÜL	QUANTITY MİKTAR	FORMULA FORMÜL	QUANTITY MİKTAR	FORMULA FORMÜL	QUANTITY MİKTAR	FORMULA FORMÜL	QUANTITY MİKTAR	FORMULA FORMÜL	QUANTITY MİKTAR	FORMULA FORMÜL	QUANTITY MİKTAR	FORMULA FORMÜL	QUANTITY MİKTAR	FORMULA FORMÜL	QUANTITY MİKTAR	FORMULA FORMÜL	QUANTITY MİKTAR	FORMULA FORMÜL	QUANTITY MİKTAR	FORMULA FORMÜL	QUANTITY MİKTAR	FORMULA FORMÜL
1	2A	77BF-111-18	77BF-101-18 77BF-102-18 77BF-103-18	1FL + 1FH	1FL + 1FH	FL	2FL + 1FH 1FL + 1FH	-	2 (CL1+CH1)	2 (CL1+CH1)	2 (CL1+CH1)	1FL	2 FL	1	-	1	-	2	2	-	-	2	2	-	-	2	2	-	-
	2A*	77BF-111-18 + 77BF-401-18	77BF-101-18 77BF-102-18 77BF-103-18	1FL + 1FH	1FL + 1FH	FL	2FL + 2FH 1FL + 2FH	-	2 (CL1+CH1)	2 (CL1+CH1)	2 (CL1+CH1)	1FL	2 FL	1	-	1	-	2	2	-	-	2	2	-	-	2	2	-	-
3	2A	77BF-111-18	77BF-101-18 77BF-102-18 77BF-103-18	1FL + 5FH	1FL + 5FH	FL	2FL + 1FH 1FL + 1FH	-	6 (CL1+CH1)	6 (CL1+CH1)	6 (CL1+CH1)	1FL	2 FL	3	-	3	-	6	6	-	-	6	6	-	-	6	6	-	-
	2A*	77BF-111-18 + 77BF-401-18	77BF-101-18 77BF-102-18 77BF-103-18	1FL + 5FH	1FL + 5FH	FL	2FL + 2FH 1FL + 2FH	-	6 (CL1+CH1)	6 (CL1+CH1)	6 (CL1+CH1)	1FL	2 FL	3	-	3	-	6	6	-	-	6	6	-	-	6	6	-	-
5	2A	77BF-111-18	77BF-101-18 77BF-102-18 77BF-103-18	1FL + 9FH	1FL + 9FH	FL	2FL + 1FH 1FL + 1FH	-	10 (CL1+CH1)	10 (CL1+CH1)	10 (CL1+CH1)	1FL	2 FL	5	-	5	-	10	10	-	-	10	10	-	-	10	10	-	-
	2A*	77BF-111-18 + 77BF-401-18	77BF-101-18 77BF-102-18 77BF-103-18	1FL + 9FH	1FL + 9FH	FL	2FL + 2FH 1FL + 2FH	-	10 (CL1+CH1)	10 (CL1+CH1)	10 (CL1+CH1)	1FL	2 FL	5	-	5	-	10	10	-	-	10	10	-	-	10	10	-	-
7	2A	77BF-111-18	77BF-101-18 77BF-102-18 77BF-103-18	1FL + 13FH	1FL + 13FH	FL	2FL + 1FH 1FL + 1FH	-	14 (CL1+CH1)	14 (CL1+CH1)	14 (CL1+CH1)	1FL	2 FL	7	-	7	-	14	14	-	-	14	14	-	-	14	14	-	-
	2A*	77BF-111-18 + 77BF-401-18	77BF-101-18 77BF-102-18 77BF-103-18	1FL + 13FH	1FL + 13FH	FL	2FL + 2FH 1FL + 2FH	-	14 (CL1+CH1)	14 (CL1+CH1)	14 (CL1+CH1)	1FL	2 FL	7	-	7	-	14	14	-	-	14	14	-	-	14	14	-	-

PASSIVE / PASİF

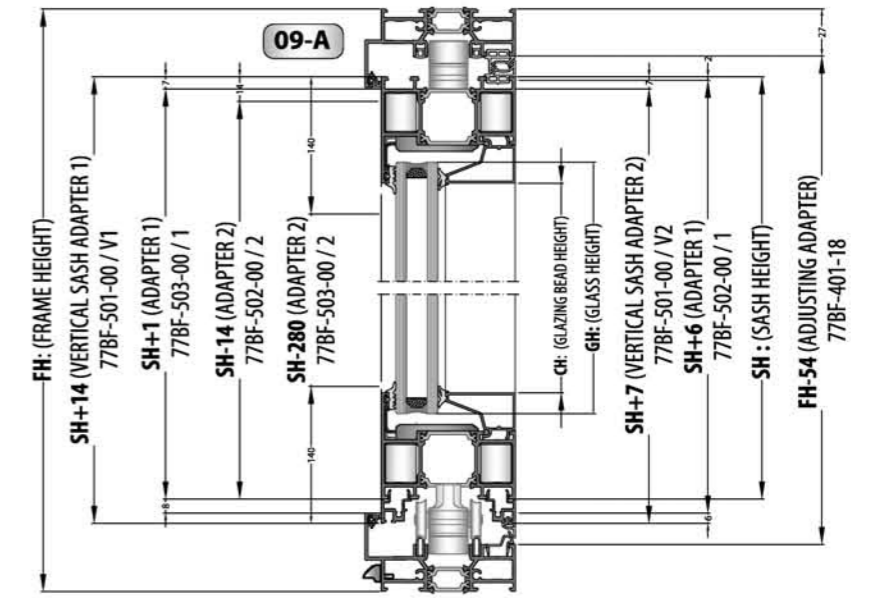
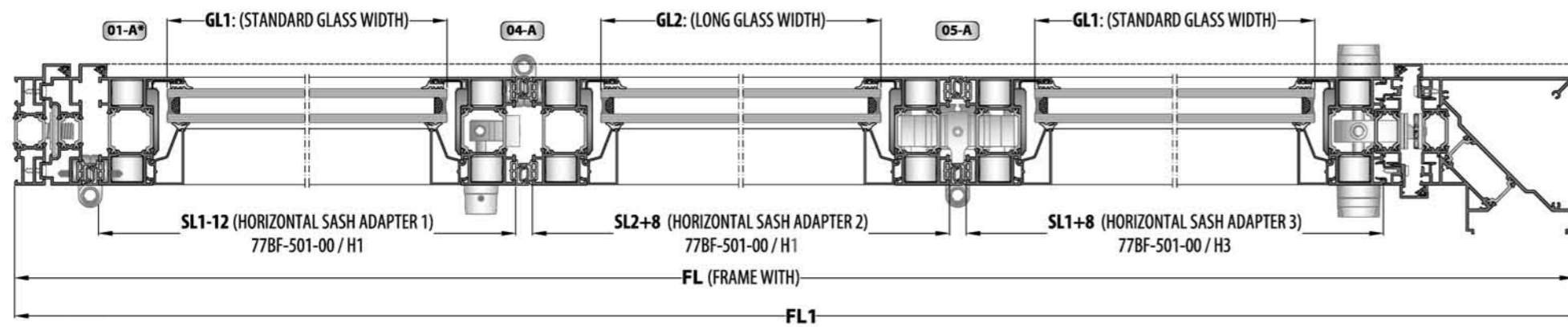
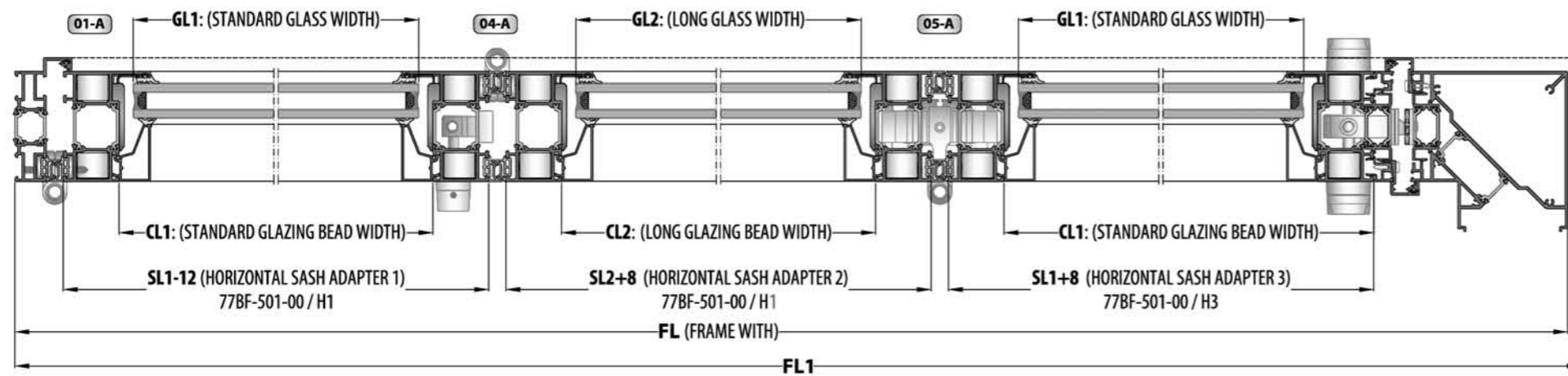
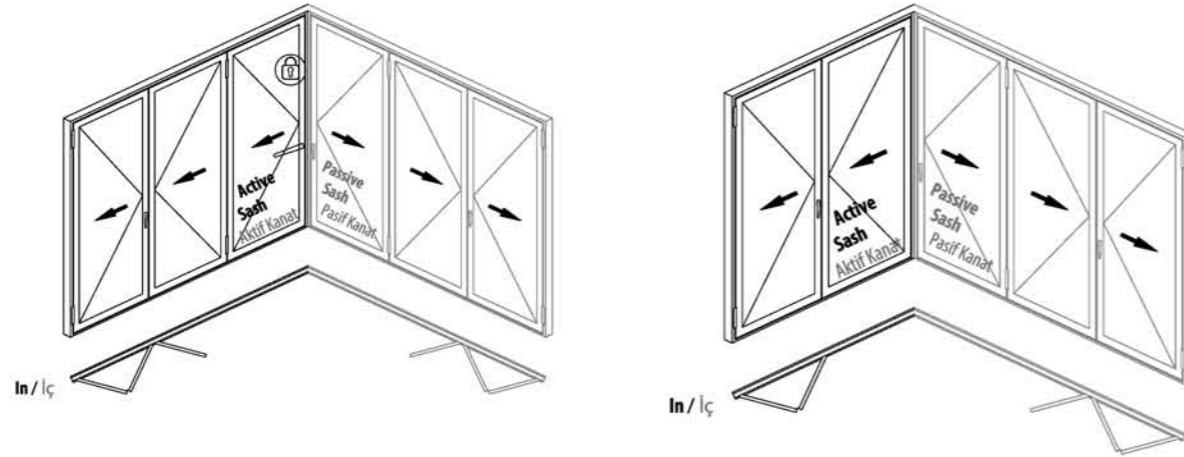
90° CORNER CUTTING SIZE LIST / KÖŞE DÖNÜŞ KESİM ÖLÇÜ LİSTESİ

90° CUTTING SIZE KESİM ÖLÇÜLERİ				INSIDE OPENING İÇE AÇILIR HORIZONTAL FRAME YATAY KASA 77BF-101-18		OUTSIDE OPENING DIŞA AÇILIR HORIZONTAL FRAME YATAY KASA 77BF-101-18		HORIZONTAL FRAME YATAY KASA 77BF-102-18		HORIZONTAL FRAME YATAY KASA 77BF-103-18		VERTICAL FRAME DÜŞEY KASA 77BF-111-18		ADJUSTING ADAPTER AYAR ADAPTÖRÜ 77BF-401-18		HORIZONTAL SASH 1 YATAY KANAT 1 77BF-201-18		HORIZONTAL SASH 2 YATAY KANAT 2 77BF-201-18		VERTICAL SASH DÜŞEY KANAT 77BF-201-18		INSIDE OPENING / İÇE AÇILIR FRAME ADAPTER KASA ADAPTÖRÜ 77BF-402-00		INSIDE OPENING / İÇE AÇILIR FRAME ADAPTER KASA ADAPTÖRÜ 77BF-402-00		HORIZONTAL SASH ADAPTER 1 YATAY KANAT ADAPTÖRÜ 1 77BF-501-00 / H1		HORIZONTAL SASH ADAPTER 2 YATAY KANAT ADAPTÖRÜ 2 77BF-501-00 / H4		CORNER ADAPTER KÖŞE DÖNÜŞ ADAPTÖR 77BF-515-00	
OPENING TYPE AÇILIM TİPİ	SECTION TYPE DETAY TİPİ	VERTICAL PROFILE DÜŞEY PROFİL	BOTTOM DETAIL TYPE ALT DETAY TİPİ	QUANTITY ANGULAR MİKTARI / AÇI	FORMULA / FORMÜL	QUANTITY ANGULAR MİKTARI / AÇI	FORMULA / FORMÜL	QUANTITY ANGULAR MİKTARI / AÇI	FORMULA / FORMÜL	QUANTITY ANGULAR MİKTARI / AÇI	FORMULA / FORMÜL	QUANTITY ANGULAR MİKTARI / AÇI	FORMULA / FORMÜL	QUANTITY ANGULAR MİKTARI / AÇI	FORMULA / FORMÜL	QUANTITY ANGULAR MİKTARI / AÇI	FORMULA / FORMÜL	QUANTITY ANGULAR MİKTARI / AÇI	FORMULA / FORMÜL	QUANTITY ANGULAR MİKTARI / AÇI	FORMULA / FORMÜL	QUANTITY ANGULAR MİKTARI / AÇI	FORMULA / FORMÜL	QUANTITY ANGULAR MİKTARI / AÇI	FORMULA / FORMÜL	QUANTITY ANGULAR MİKTARI / AÇI	FORMULA / FORMÜL	QUANTITY ANGULAR MİKTARI / AÇI	FORMULA / FORMÜL	QUANTITY ANGULAR MİKTARI / AÇI	FORMULA / FORMÜL
1	2A	77BF-111-18	77BF-101-18	2 90°/45°		2 90°/45°	FL-12,5	1 90°/45°	FL-22	1 90°/45°	FL-22	1 90°	FH	1 90°	FH-54	2 45°	SL1 = FL-144	-	-	2 45°	SH = FH-92	1 90°/45°	FL-82	1 90°/45°	FL-23	-	-	2 90°	SL1-6	1 90°	SH-4
	2A*	77BF-111-18 + 77BF-401-18	77BF-101-18	2 90°/45°		2 90°/45°	FL-12,5	1 90°/45°	FL-22	1 90°/45°	FL-22	1 90°	FH	1 90°	FH-27	2 45°	SL1 = FL-170	-	-	2 45°	SH = FH-92	2 90°/45°	FL-82	2 90°/45°	FL-23	-	-	2 90°	SL1-6	1 90°	SH-4
3	2A	77BF-111-18	77BF-101-18	2 90°/45°		2 90°/45°	FL-12,5	1 90°/45°	FL-22	1 90°/45°	FL-22	1 90°	FH	1 90°	FH-54	6 45°	SL1 = (FL-168)/3	-	-	6 45°	SH = FH-92	1 90°/45°	FL-82	1 90°/45°	FL-23	4 90°	SL1-12	2 90°	SL1-6	1 90°	SH-4
	2A*	77BF-111-18 + 77BF-401-18	77BF-101-18	2 90°/45°		2 90°/45°	FL-12,5	1 90°/45°	FL-22	1 90°/45°	FL-22	1 90°	FH	1 90°	FH-27	6 45°	SL1 = (FL-194)/3	-	-	6 45°	SH = FH-92	2 90°/45°	FL-82	2 90°/45°	FL-23	4 90°	SL1-12	2 90°	SL1-6	1 90°	SH-4
5	2A	77BF-111-18	77BF-101-18	2 90°/45°		2 90°/45°	FL-12,5	1 90°/45°	FL-22	1 90°/45°	FL-22	1 90°	FH	1 90°	FH-54	10 45°	SL1 = (FL-192)/5	-	-	10 45°	SH = FH-92	1 90°/45°	FL-82	1 90°/45°	FL-23	8 90°	SL1-12	2 90°	SL1-6	1 90°	SH-4
	2A*	77BF-111-18 + 77BF-401-18	77BF-101-18	2 90°/45°		2 90°/45°	FL-12,5	1 90°/45°	FL-22	1 90°/45°	FL-22	1 90°	FH	1 90°	FH-27	10 45°	SL1 = (FL-218)/5	-	-	10 45°	SH = FH-92	2 90°/45°	FL-82	2 90°/45°	FL-23	8 90°	SL1-12	2 90°	SL1-6	1 90°	SH-4
7	2A	77BF-111-18	77BF-101-18	2 90°/45°		2 90°/45°	FL-12,5	1 90°/45°	FL-22	1 90°/45°	FL-22	1 90°	FH	1 90°	FH-54	10 45°	SL1 = (FL-216)/7	-	-	10 45°	SH = FH-92	1 90°/45°	FL-82	1 90°/45°	FL-23	12 90°	SL1-12	2 90°	SL1-6	1 90°	SH-4
	2A*	77BF-111-18 + 77BF-401-18	77BF-101-18	2 90°/45°		2 90°/45°	FL-12,5	1 90°/45°	FL-22	1 90°/45°	FL-22	1 90°	FH	1 90°	FH-27	10 45°	SL1 = (FL-242)/7	-	-	10 45°	SH = FH-92	2 90°/45°	FL-82	2 90°/45°	FL-23	12 90°	SL1-12	2 90°	SL1-6	1 90°	SH-4

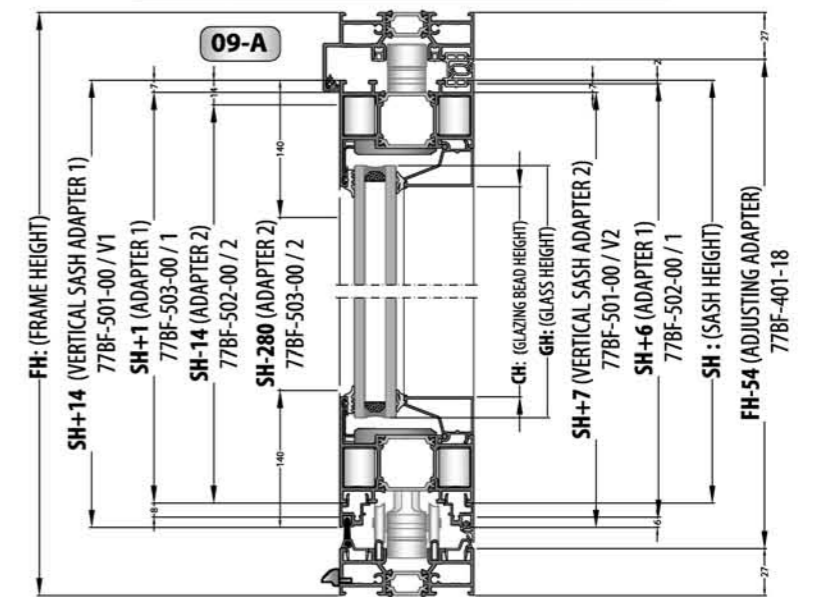
ACTIVE / AKTİF

90° FORMULE DESCRIPTION / FORMÜL AÇIKLAMALARI

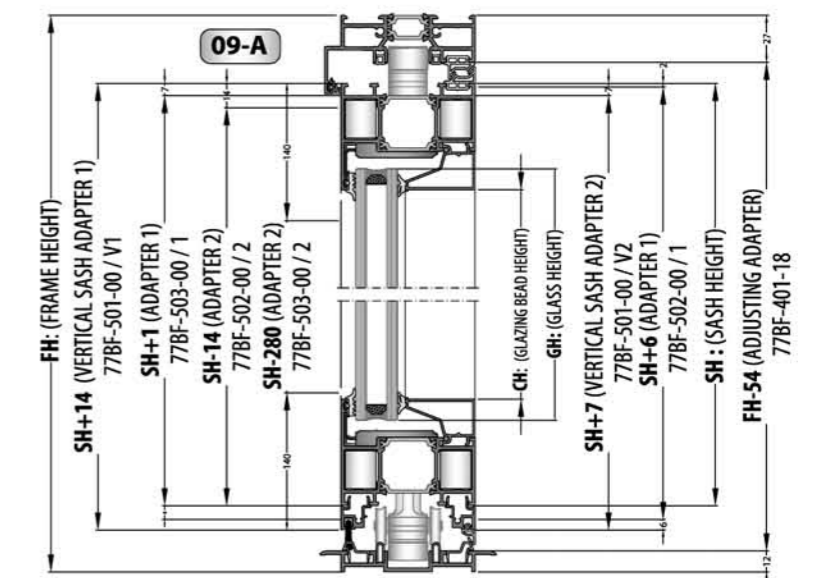
INWARD OPENING / İÇE AÇILIR



10-A HORIZONTAL FRAME / İÇE AÇILIR KASA : 77BF-101-18



10-B HORIZONTAL FRAME / İÇE AÇILIR KASA : 77BF-102-18

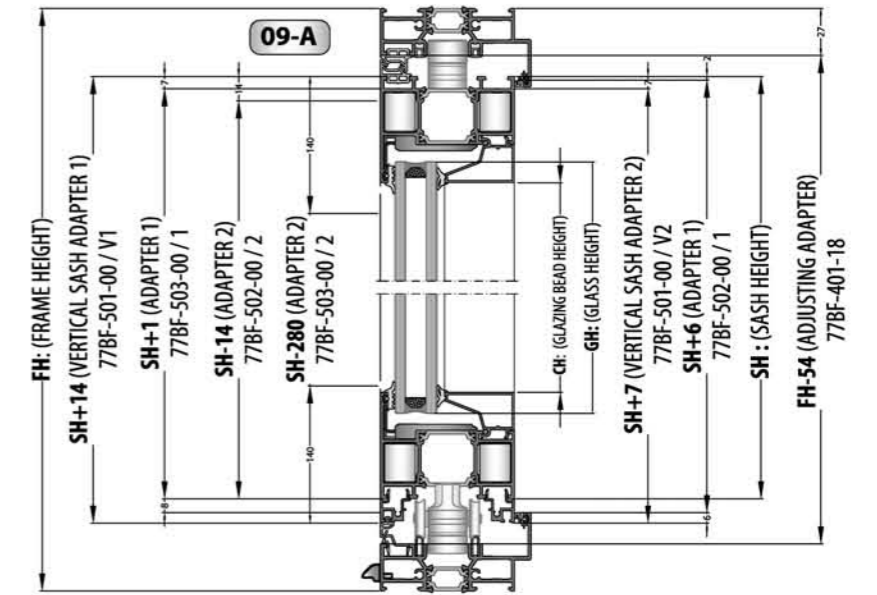
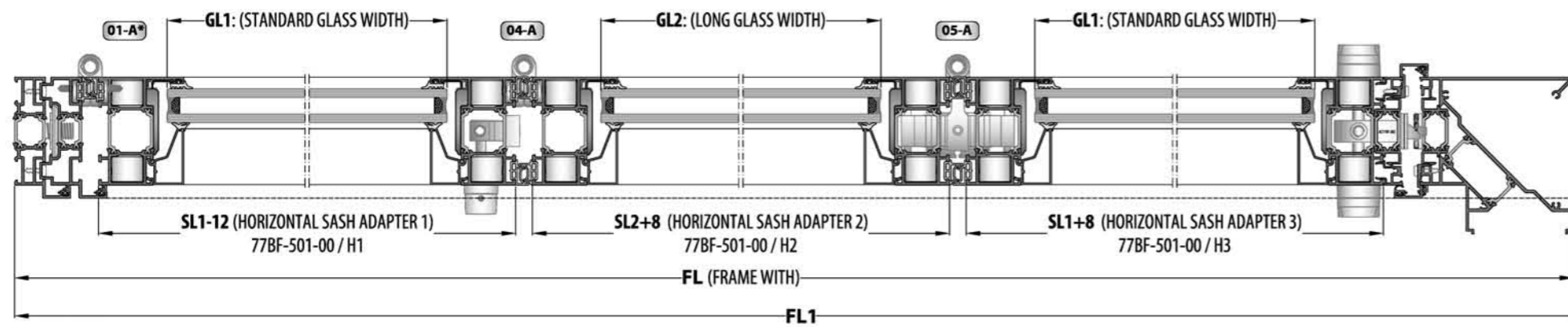
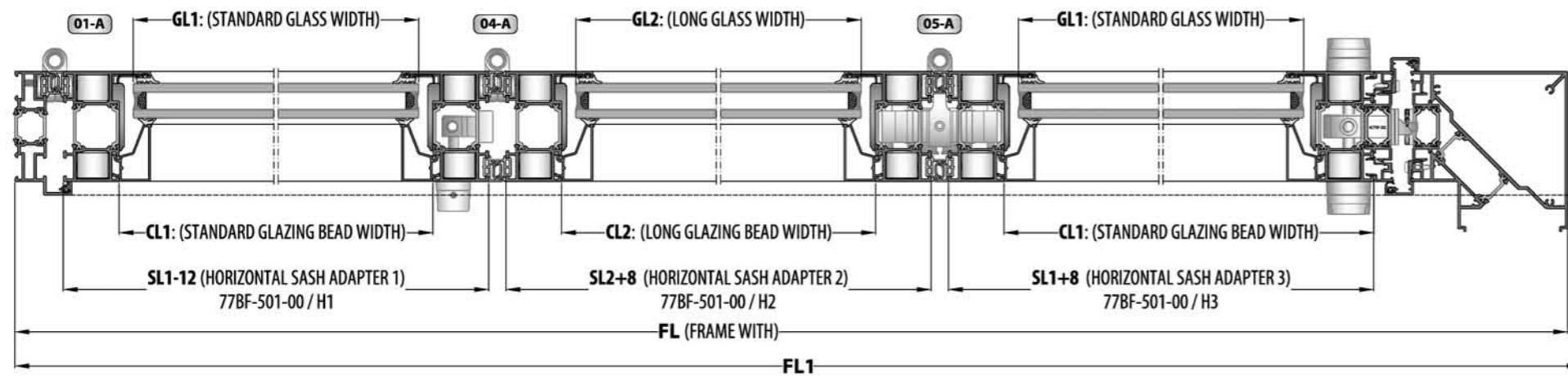
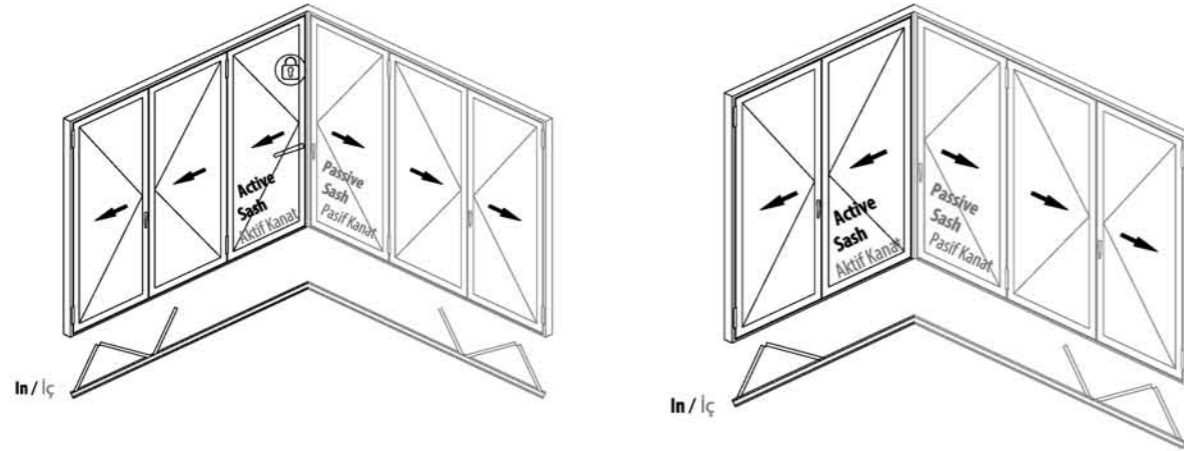


10-C HORIZONTAL FRAME / İÇE AÇILIR KASA : 77BF-103-00

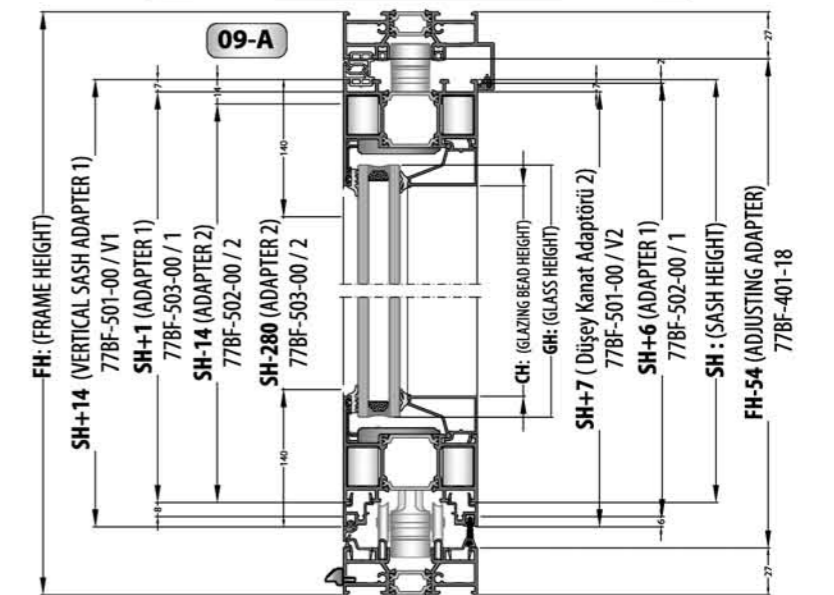
ACTIVE / AKTİF

90° FORMULE DESCRIPTION / FORMÜL AÇIKLAMALARI

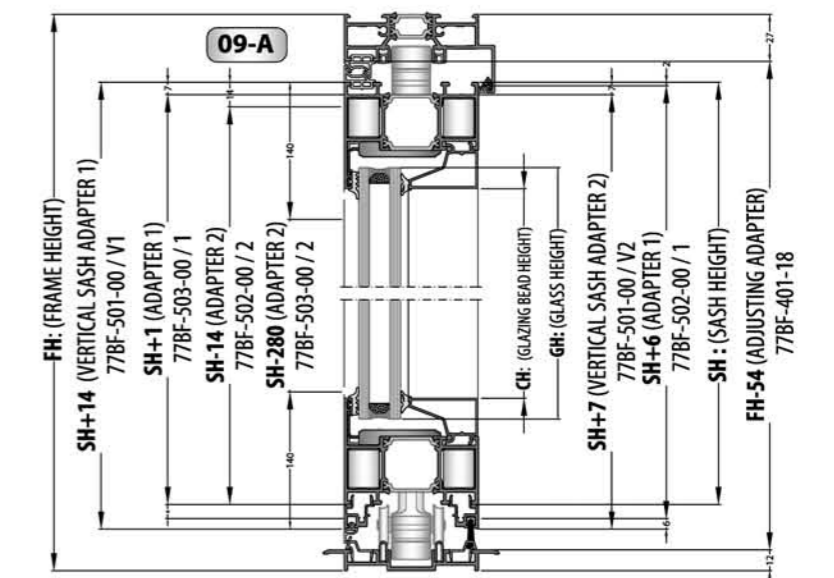
OUTWARD OPENING / DIŞA AÇILIR



10-A HORIZONTAL FRAME / : 77BF-101-18

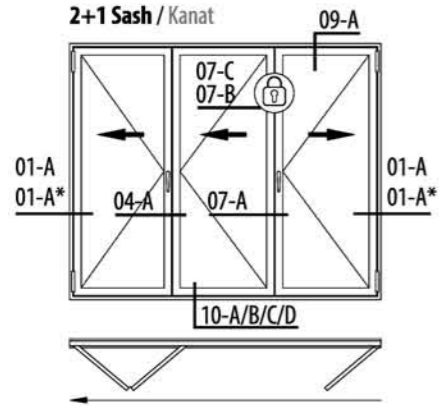


10-B HORIZONTAL FRAME / : 77BF-102-18



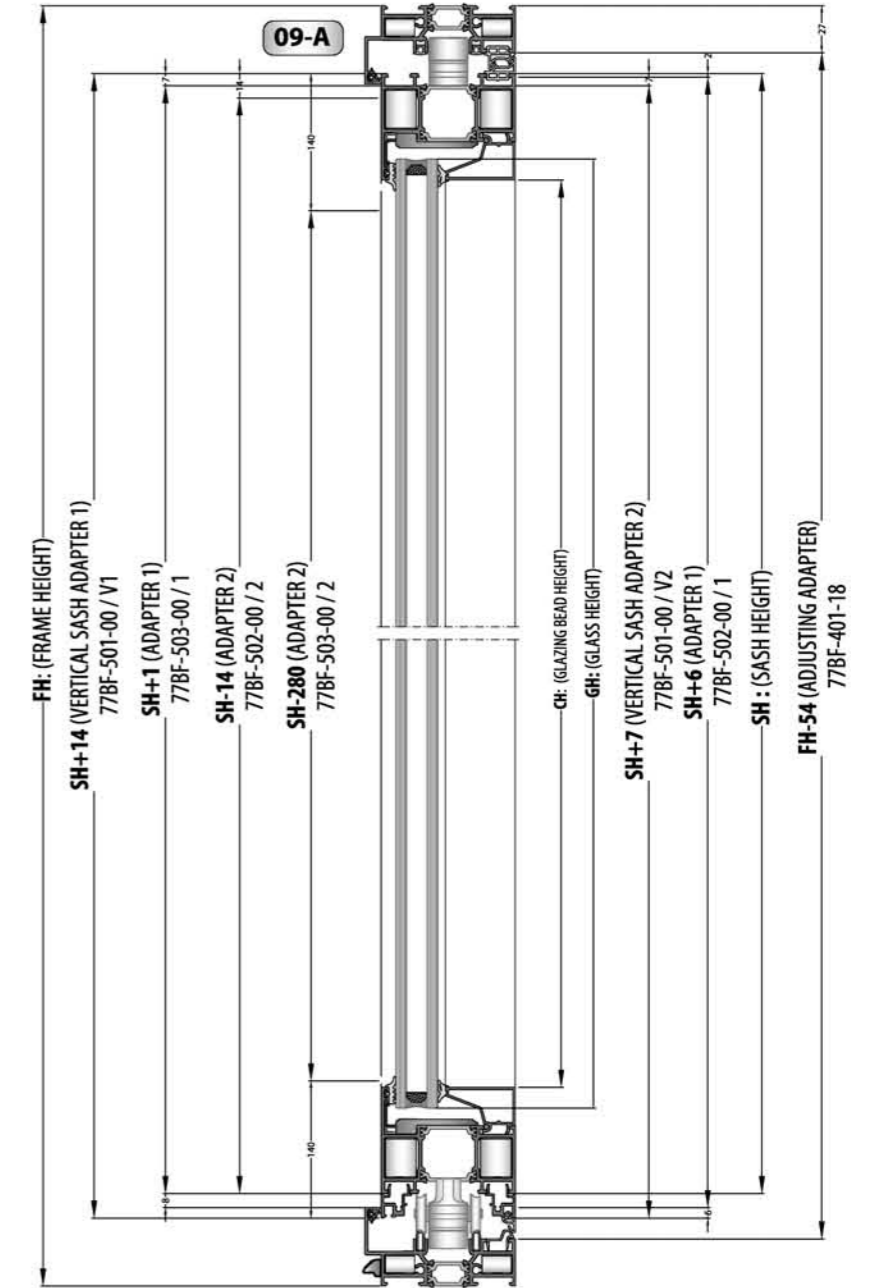
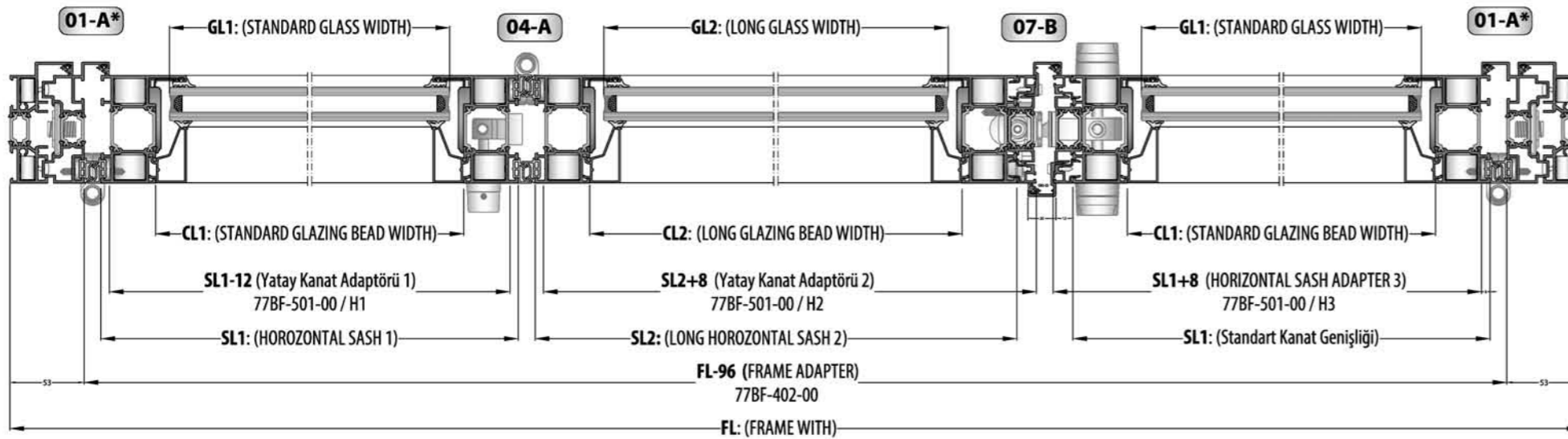
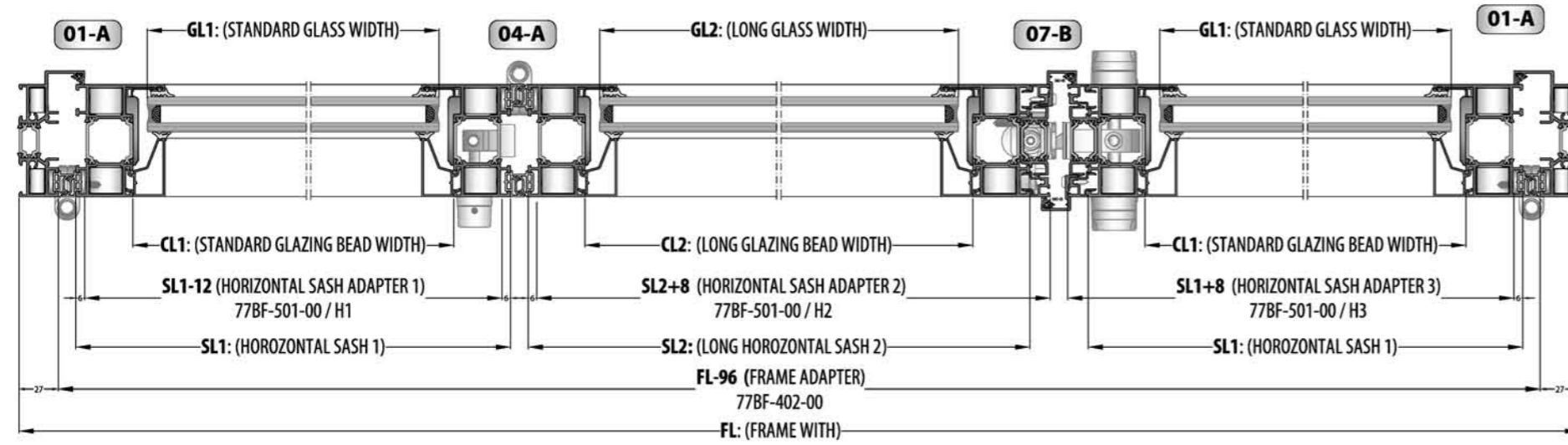
10-C HORIZONTAL FRAME / : 77BF-103-00

90° CUTTING SIZE KESİM ÖLÇÜLERİ				GASKETS / FİTİLLER				GLASS / CAM 77BF-201-18				GLASS / CAM 77BF-202-18				GLAZING BEAD / CAM ÇİTASI 77BF-201-18				GLAZING BEAD / CAM ÇİTASI 77BF-202-18							
OPENING TYPE AÇILIM TİPİ	SECTION TYPE DETAY TİPİ	VERTICAL PROFILE DÜŞEY PROFİL	BOTTOM DETAIL TYPE ALT DETAY TİPİ	EM77BF-01	EM77BF-02	EM77BF-03	EM3-03	EM3-01	EM2-03	EM1-XX	O-RING-3 mm	AC77BF-421	EM45-05	GL1	GL2	GL1	GL2	CL1	CH	CL2	CH	CL1	CH	CL2	CH		
				QUANTITY MİKTAR	FORMULA FORMÜL	Horizontal / Yatay	Vertical / Düşey	QUANTITY MİKTAR	FORMULA FORMÜL	Horizontal / Yatay	Vertical / Düşey	QUANTITY MİKTAR	FORMULA FORMÜL	Horizontal / Yatay	Vertical / Düşey	QUANTITY MİKTAR	FORMULA FORMÜL	Horizontal / Yatay	Vertical / Düşey	QUANTITY MİKTAR	FORMULA FORMÜL	Horizontal / Yatay	Vertical / Düşey	QUANTITY MİKTAR	FORMULA FORMÜL	Horizontal / Yatay	Vertical / Düşey
1	3A	77BF-111-18	77BF-101-18 77BF-102-18 77BF-103-18	1FL + 1FH	1FL + 1FH	FL	2FL + 3FH 1FL + 3FH 2FL + 4FH 1FL + 4FH	-	2 (CL1+CH1)	2 (CL1+CH1)	2 (CL1+CH1)	1FL	2 FL	1	-	1	-	2	-	2	-	2	-	2	-	2	-
	3A*	77BF-111-18 + 77BF-401-18	77BF-101-18 77BF-102-18 77BF-103-18	1FL + 3FH	1FL + 3FH	FL	2FL + 2FH 1FL + 3FH 2FL + 2FH 1FL + 3FH	FH	2 (CL1+CH1) + 2 (CL2 +CH2)	2 (CL1+CH1) + 2 (CL2 +CH2)	2 (CL1+CH1) + 2 (CL2 +CH2)	1FL	2 FL	1	-	1	-	2	-	2	-	2	-	2	-	2	-
2	3A	77BF-111-18	77BF-101-18 77BF-102-18 77BF-103-18	1FL + 5FH	1FL + 5FH	FL	2FL + 3FH 1FL + 3FH 2FL + 4FH 1FL + 4FH	-	6 (CL1+CH1)	6 (CL1+CH1)	6 (CL1+CH1)	1FL	2 FL	3	-	3	-	6	-	6	-	6	-	6	-	6	-
	3A*	77BF-111-18 + 77BF-401-18	77BF-101-18 77BF-102-18 77BF-103-18	1FL + 7FH	1FL + 7FH	FL	2FL + 2FH 1FL + 3FH 2FL + 2FH 1FL + 3FH	FH	4 (CL1+CH1) + 4 (CL2 +CH2)	4 (CL1+CH1) + 4 (CL2 +CH2)	4 (CL1+CH1) + 4 (CL2 +CH2)	1FL	2 FL	3	-	3	-	6	-	6	-	6	-	6	-	6	-
3	2B & 2C	77BF-111-18	77BF-101-18 77BF-102-18 77BF-103-18	1FL + 9FH	1FL + 9FH	FL	2FL + 3FH 1FL + 3FH 2FL + 4FH 1FL + 4FH	-	10 (CL1+CH1)	10 (CL1+CH1)	10 (CL1+CH1)	1FL	2 FL	5	-	5	-	10	-	10	-	10	-	10	-	10	-
	2B & 2C	77BF-111-18 + 77BF-401-18	77BF-101-18 77BF-102-18 77BF-103-18	1FL + 11FH	1FL + 11FH	FL	2FL + 2FH 1FL + 3FH 2FL + 2FH 1FL + 3FH	FH	6 (CL1+CH1) + 6 (CL2 +CH2)	6 (CL1+CH1) + 6 (CL2 +CH2)	6 (CL1+CH1) + 6 (CL2 +CH2)	1FL	2 FL	5	-	5	-	10	-	10	-	10	-	10	-	10	-
4	3A	77BF-111-18	77BF-101-18 77BF-102-18 77BF-103-18	1FL + 11FH	1FL + 11FH	FL	2FL + 2FH 1FL + 3FH 2FL + 2FH 1FL + 3FH	FH	6 (CL1+CH1) + 6 (CL2 +CH2)	6 (CL1+CH1) + 6 (CL2 +CH2)	6 (CL1+CH1) + 6 (CL2 +CH2)	1FL	2 FL	5	-	5	-	10	-	10	-	10	-	10	-	10	-
	3A*	77BF-111-18 + 77BF-401-18	77BF-101-18 77BF-102-18 77BF-103-18	1FL + 11FH	1FL + 11FH	FL	2FL + 2FH 1FL + 3FH 2FL + 2FH 1FL + 3FH	FH	6 (CL1+CH1) + 6 (CL2 +CH2)	6 (CL1+CH1) + 6 (CL2 +CH2)	6 (CL1+CH1) + 6 (CL2 +CH2)	1FL	2 FL	5	-	5	-	10	-	10	-	10	-	10	-	10	-
5	2B & 2C	77BF-111-18	77BF-101-18 77BF-102-18 77BF-103-18	1FL + 11FH	1FL + 11FH	FL	2FL + 2FH 1FL + 3FH 2FL + 2FH 1FL + 3FH	FH	6 (CL1+CH1) + 6 (CL2 +CH2)	6 (CL1+CH1) + 6 (CL2 +CH2)	6 (CL1+CH1) + 6 (CL2 +CH2)	1FL	2 FL	5	-	5	-	10	-	10	-	10	-	10	-	10	-
	2B & 2C	77BF-111-18 + 77BF-401-18	77BF-101-18 77BF-102-18 77BF-103-18	1FL + 11FH	1FL + 11FH	FL	2FL + 2FH 1FL + 3FH 2FL + 2FH 1FL + 3FH	FH	6 (CL1+CH1) + 6 (CL2 +CH2)	6 (CL1+CH1) + 6 (CL2 +CH2)	6 (CL1+CH1) + 6 (CL2 +CH2)	1FL	2 FL	5	-	5	-	10	-	10	-	10	-	10	-	10	-
6	3A	77BF-111-18	77BF-101-18 77BF-102-18 77BF-103-18	1FL + 11FH	1FL + 11FH	FL	2FL + 2FH 1FL + 3FH 2FL + 2FH 1FL + 3FH	FH	6 (CL1+CH1) + 6 (CL2 +CH2)	6 (CL1+CH1) + 6 (CL2 +CH2)	6 (CL1+CH1) + 6 (CL2 +CH2)	1FL	2 FL	5	-	5	-	10	-	10	-	10	-	10	-	10	-
	3A*	77BF-111-18 + 77BF-401-18	77BF-101-18 77BF-102-18 77BF-103-18	1FL + 11FH	1FL + 11FH	FL	2FL + 2FH 1FL + 3FH 2FL + 2FH 1FL + 3FH	FH	6 (CL1+CH1) + 6 (CL2 +CH2)	6 (CL1+CH1) + 6 (CL2 +CH2)	6 (CL1+CH1) + 6 (CL2 +CH2)	1FL	2 FL	5	-	5	-	10	-	10	-	10	-	10	-	10	-

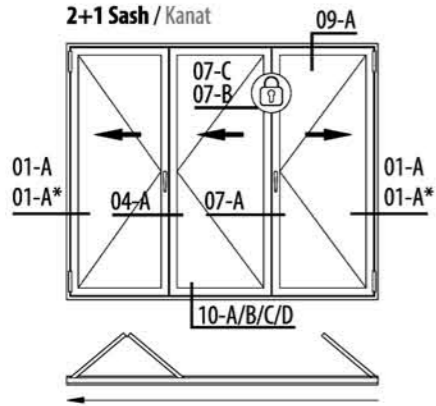


45° **FORMULE DESCRIPTION / FORMÜL AÇIKLAMALARI**

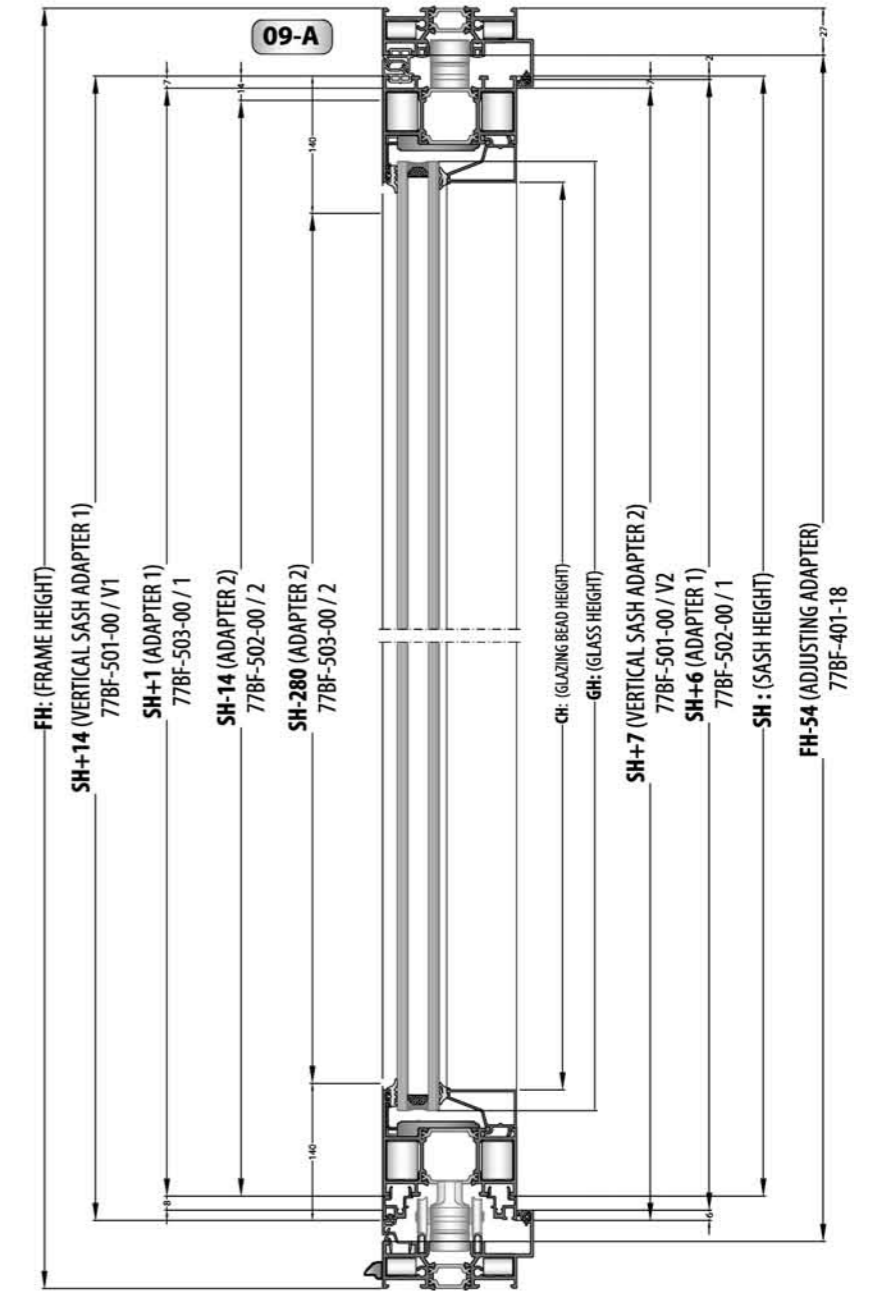
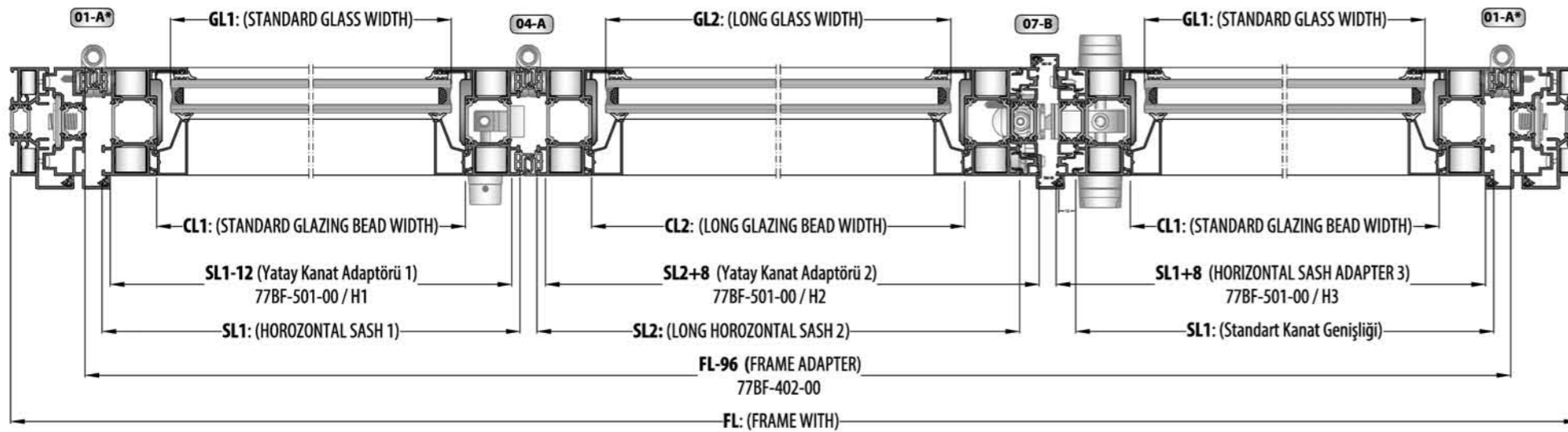
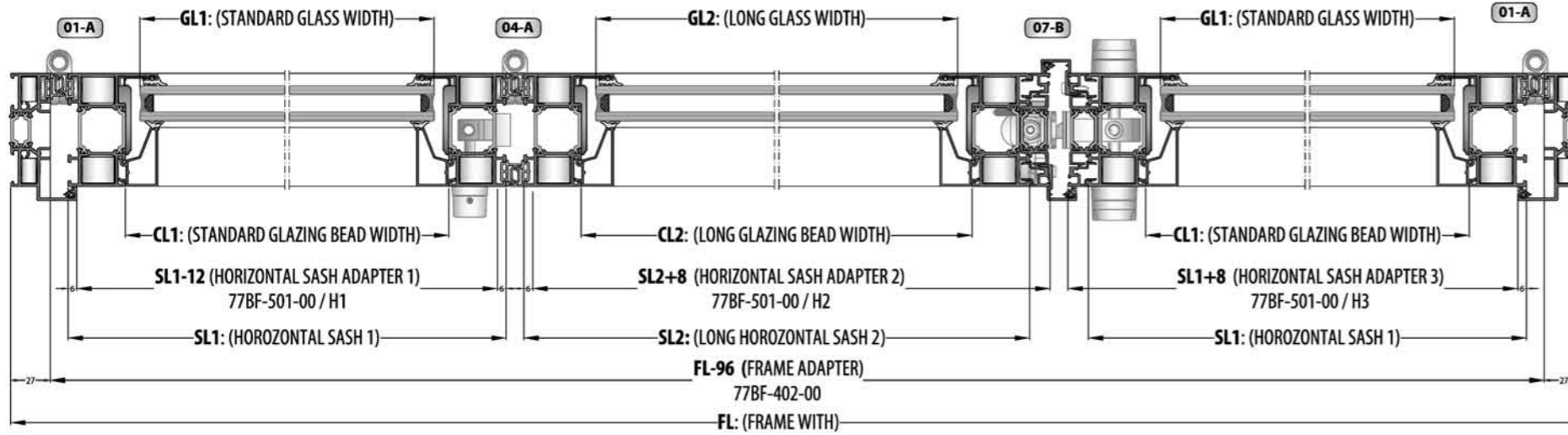
INWARD OPENING / İÇE AÇILIR



10-A HORIZONTAL FRAME / YATAY KASA : 77BF-101-18



45° FORMULE DESCRIPTION / FORMÜL AÇIKLAMALARI
OUTWARD OPENING / DIŞA AÇILIR



10-A HORIZONTAL FRAME / YATAY KANAT : 77BF-101-18

45° CUTTING SIZE KESİM ÖLÇÜLERİ				GASKETS / FİTİLLER								GLASS / CAM 77BF-201-18				GLASS / CAM 77BF-202-18				GLAZING BEAD / CAM ÇİTASI 77BF-201-18				GLAZING BEAD / CAM ÇİTASI 77BF-201-18														
OPENING TYPE AÇILIM TİPİ	SECTION TYPE DETAY TİPİ	VERTICAL PROFILE DÜŞEY PROFİL	BOTTOM DETAIL TYPE ALT DETAY TİPİ	EM77BF-01	EM77BF-02	EM77BF-03	EM3-03	EM3-01	EM2-03	EM1-XX	O-RING-3 mm	EM45-05	GL1		GL2		GL1		GL2		CL1		CH		CL2		CH		CL1		CH		CL2		CH			
				QUANTITY MİKTAR	FORMULA FORMÜL	Horizontal / Yatay	FORMULA FORMÜL	Vertical / Dikey	QUANTITY MİKTAR	FORMULA FORMÜL	Horizontal / Yatay	FORMULA FORMÜL	Vertical / Dikey	QUANTITY MİKTAR	FORMULA FORMÜL	Horizontal / Yatay	FORMULA FORMÜL	Vertical / Dikey	QUANTITY MİKTAR	FORMULA FORMÜL	Horizontal / Yatay	FORMULA FORMÜL	Vertical / Dikey	QUANTITY MİKTAR	FORMULA FORMÜL	Horizontal / Yatay	FORMULA FORMÜL	Vertical / Dikey	QUANTITY MİKTAR	FORMULA FORMÜL	Horizontal / Yatay	FORMULA FORMÜL	Vertical / Dikey	QUANTITY MİKTAR	FORMULA FORMÜL	Horizontal / Yatay	FORMULA FORMÜL	Vertical / Dikey
2 + 0	3A	77BF-101-18	77BF-101-18	1FL + 3FH	1FL + 3FH	FL	2FL+2FH	FH	2 (CL1+CH1) +	2 (CL2+CH2)	2 (CL1+CH1) +	2 (CL2+CH2)	2 (CL1+CH1) +	2 (CL2+CH2)	1	GL1 = SL1-98	GH = SH-98	1	GL2 = SL2-98	GH = SH-98	1	GL1 = SL1-88	GH = SH-88	1	GL2 = SL2-88	GH = SH-88	2	CL1 = SL1-78		2	CH = SH-122	2	CL2 = SL2-78		2	CH = SH-122		
		77BF-101-18 +		77BF-401-18	1FL + 4FH	1FL + 4FH	FL	2FL + 4FH		4 (CL1+CH1) +	2 (CL2+CH2)	4 (CL1+CH1) +	2 (CL2+CH2)	4 (CL1+CH1) +	2 (CL2+CH2)	2	GL1 = SL1-98	GH = SH-98	2	GL2 = SL2-98	GH = SH-98	2	GL1 = SL1-88	GH = SH-88	4	CL1 = SL1-78		4	CH = SH-122	2	CL2 = SL2-78		2	CH = SH-122				
2 + 1	7A	77BF-101-18	77BF-101-18	1FL + 4FH	1FL + 4FH	FL	2FL + 4FH		4 (CL1+CH1) +	2 (CL2+CH2)	4 (CL1+CH1) +	2 (CL2+CH2)	4 (CL1+CH1) +	2 (CL2+CH2)	1	GL1 = SL1-98	GH = SH-98	1	GL2 = SL2-98	GH = SH-98	1	GL1 = SL1-88	GH = SH-88	4	CL1 = SL1-78		4	CH = SH-122	2	CL2 = SL2-78		2	CH = SH-122					
	7B & 7C			2FL + 4FH	2FL + 4FH	2FL + 6FH	2FL + 6FH	2FL + 4FH	2FL + 6FH	2FL + 6FH	2FL + 6FH	2FL + 6FH	2FL + 6FH	2FL + 6FH	2FL + 6FH	4	CL1 = SL1-78		4	CH = SH-122	2	CL2 = SL2-78		2	CH = SH-122													
	7A*	77BF-101-18 +	77BF-401-18	2FL + 6FH	2FL + 6FH	2FL + 6FH	2FL + 6FH	2FL + 6FH	2FL + 6FH	2FL + 6FH	2FL + 6FH	2FL + 6FH	2FL + 6FH	2	CL1 = SL1-78		2	CH = SH-122	4	CL1 = SL1-78		4	CH = SH-106	2	CL2 = SL2-78		2	CH = SH-106										
	7B & 7C	2FL + 6FH	2FL + 6FH	2FL + 6FH	2FL + 6FH	2FL + 6FH	2FL + 6FH	2FL + 6FH	2FL + 6FH	2FL + 6FH	2FL + 6FH	2FL + 6FH	2FL + 6FH	2	CL1 = SL1-78		2	CH = SH-122	4	CL1 = SL1-78		4	CH = SH-106	2	CL2 = SL2-78		2	CH = SH-106										
3 + 0	2A	77BF-101-18	77BF-101-18	1FL + 5FH	1FL + 5FH	FL	2FL + 3FH		6 (CL1+CH1)		6 (CL1+CH1)		6 (CL1+CH1)	3	GL1 = SL1-98	GH = SH-98	3	GL1 = SL1-88	GH = SH-88	3	GL1 = SL1-88	GH = SH-88	6	CL1 = SL1-78		6	CH = SH-122	6	CL1 = SL1-78		6	CH = SH-106						
	2B & 2C			2FL + 3FH	2FL + 3FH	2FL + 5FH	2FL + 5FH	2FL + 5FH	2FL + 5FH	2FL + 5FH	2FL + 5FH	2FL + 5FH	2FL + 5FH	2FL + 5FH	6	CL1 = SL1-78		6	CH = SH-122	6	CL1 = SL1-78		6	CH = SH-106	6	CL1 = SL1-78		6	CH = SH-106									
	2A*	77BF-101-18 +	77BF-401-18	2FL + 5FH	2FL + 5FH	2FL + 5FH	2FL + 5FH	2FL + 5FH	2FL + 5FH	2FL + 5FH	2FL + 5FH	2FL + 5FH	2FL + 5FH	6	CL1 = SL1-78		6	CH = SH-122	6	CL1 = SL1-78		6	CH = SH-106	6	CL1 = SL1-78		6	CH = SH-106										
	2B & 2C	2FL + 5FH	2FL + 5FH	2FL + 5FH	2FL + 5FH	2FL + 5FH	2FL + 5FH	2FL + 5FH	2FL + 5FH	2FL + 5FH	2FL + 5FH	2FL + 5FH	2FL + 5FH	6	CL1 = SL1-78		6	CH = SH-122	6	CL1 = SL1-78		6	CH = SH-106	6	CL1 = SL1-78		6	CH = SH-106										
2 + 2	8A	77BF-101-18	77BF-101-18	1FL + 6FH	1FL + 6FH	FL	2FL + 3FH	FH	4 (CL1+CH1) +	4 (CL2+CH2)	4 (CL1+CH1) +	4 (CL2+CH2)	4 (CL1+CH1) +	4 (CL2+CH2)	2	GL1 = SL1-98	GH = SH-98	2	GL2 = SL2-98	GH = SH-98	2	GL1 = SL1-88	GH = SH-88	4	CL1 = SL1-78		4	CH = SH-122	4	CL2 = SL2-78		4	CH = SH-122					
		77BF-101-18 +		77BF-401-18	2FL + 5FH	2FL + 5FH	2FL + 5FH	2FL + 5FH	2FL + 5FH	2FL + 5FH	2FL + 5FH	2FL + 5FH	2FL + 5FH	2FL + 5FH	2FL + 5FH	4	CL1 = SL1-78		4	CH = SH-122	4	CL2 = SL2-78		4	CH = SH-122													
3 + 1	6A	77BF-101-18	77BF-101-18	1FL + 6FH	1FL + 6FH	FL	2FL + 4FH		8 (CL1+CH1)		8 (CL1+CH1)		8 (CL1+CH1)	4	GL1 = SL1-98	GH = SH-98	4	GL1 = SL1-88	GH = SH-88	4	GL1 = SL1-88	GH = SH-88	8	CL1 = SL1-78		8	CH = SH-122	8	CL1 = SL1-78		8	CH = SH-106						
	6B & 6C			2FL + 4FH	2FL + 4FH	2FL + 6FH	2FL + 6FH	2FL + 6FH	2FL + 6FH	2FL + 6FH	2FL + 6FH	2FL + 6FH	2FL + 6FH	2FL + 6FH	8	CL1 = SL1-78		8	CH = SH-122	8	CL1 = SL1-78		8	CH = SH-106	8	CL1 = SL1-78		8	CH = SH-106									
	6A*	77BF-101-18 +	77BF-401-18	2FL + 6FH	2FL + 6FH	2FL + 6FH	2FL + 6FH	2FL + 6FH	2FL + 6FH	2FL + 6FH	2FL + 6FH	2FL + 6FH	2FL + 6FH	8	CL1 = SL1-78		8	CH = SH-122	8	CL1 = SL1-78		8	CH = SH-106	8	CL1 = SL1-78		8	CH = SH-106										
	6B & 6C	2FL + 6FH	2FL + 6FH	2FL + 6FH	2FL + 6FH	2FL + 6FH	2FL + 6FH	2FL + 6FH	2FL + 6FH	2FL + 6FH	2FL + 6FH	2FL + 6FH	2FL + 6FH	8	CL1 = SL1-78		8	CH = SH-122	8	CL1 = SL1-78		8	CH = SH-106	8	CL1 = SL1-78		8	CH = SH-106										

45° CUTTING SIZE LIST / KESİM ÖLÇÜ LİSTESİ

45° CUTTING SIZE KESİM ÖLÇÜLERİ				HORIZONTAL FRAME YATAY KASA 77BF-101-18		VERTICAL FRAME DÜŞEY KASA 77BF-101-18		ADJUSTING ADAPTER AYAR ADAPTÖRÜ 77BF-401-18		HORIZONTAL SASH 1 YATAY KANAT 1 77BF-201-18		HORIZONTAL SASH 2 YATAY KANAT 2 77BF-201-18		VERTICAL SASH DÜŞEY KANAT 77BF-201-18		FRAME ADAPTER KASA ADAPTÖRÜ 77BF-402-00		HORIZONTAL SASH ADAPTER 1 YATAY KANAT ADAPTÖRÜ 1 77BF-501-00 / H1		HORIZONTAL SASH ADAPTER 2 YATAY KANAT ADAPTÖRÜ 2 77BF-501-00 / H2		HORIZONTAL SASH ADAPTER 3 YATAY KANAT ADAPTÖRÜ 3 77BF-501-00 / H3		VERTICAL SASH ADAPTER 1 DÜŞEY KANAT ADAPTÖRÜ 1 77BF-501-00 / V1		VERTICAL SASH ADAPTER 2 DÜŞEY KANAT ADAPTÖRÜ 2 77BF-501-00 / V2		ADAPTER 1 ADAPTÖR 1 77BF-502-00 / 1		ADAPTER 2 ADAPTÖR 2 77BF-502-00 / 2		ADAPTER 1 ADAPTÖR 1 77BF-503-00 / 1		ADAPTER 2 ADAPTÖR 2 77BF-503-00 / 2			
OPENING TYPE AÇILIM TİPİ	SECTION TYPE DETAY TİPİ	VERTICAL PROFILE DÜŞEY PROFİL	BOTTOM DETAIL TYPE ALT DETAY TİPİ	QUANTITY ANGULAR MIKTAR / AÇI	FORMULA / FORMÜL	QUANTITY ANGULAR MIKTAR / AÇI	FORMULA / FORMÜL	QUANTITY ANGULAR MIKTAR / AÇI	FORMULA / FORMÜL	QUANTITY ANGULAR MIKTAR / AÇI	FORMULA / FORMÜL	QUANTITY ANGULAR MIKTAR / AÇI	FORMULA / FORMÜL	QUANTITY ANGULAR MIKTAR / AÇI	FORMULA / FORMÜL	QUANTITY ANGULAR MIKTAR / AÇI	FORMULA / FORMÜL	QUANTITY ANGULAR MIKTAR / AÇI	FORMULA / FORMÜL	QUANTITY ANGULAR MIKTAR / AÇI	FORMULA / FORMÜL	QUANTITY ANGULAR MIKTAR / AÇI	FORMULA / FORMÜL	QUANTITY ANGULAR MIKTAR / AÇI	FORMULA / FORMÜL	QUANTITY ANGULAR MIKTAR / AÇI	FORMULA / FORMÜL	QUANTITY ANGULAR MIKTAR / AÇI	FORMULA / FORMÜL	QUANTITY ANGULAR MIKTAR / AÇI	FORMULA / FORMÜL	QUANTITY ANGULAR MIKTAR / AÇI	FORMULA / FORMÜL	QUANTITY ANGULAR MIKTAR / AÇI	FORMULA / FORMÜL		
2 + 0	3A	77BF-101-18	77BF-101-18	2 45°	FL	2 45°	FH	2 90°	FH-54	2 45°	SL1 = ((FL-104)/2)-23	2 45°	SL2=SL1+46	4 45°	SH = FH-92	1 90°	FL-54	2 90°	SL1-12	2 90°/45°	SL2+8	-	-	1 90° / 45°	SH+14	1 90° / 45°	SH+7	1 90°	SH+6	-	-	-	-	-	-		
		77BF-101-18 + 77BF-401-18									FL-106						90° / 45°																			SH+6	SH+14
2 + 1	7A	77BF-101-18	77BF-101-18	2 45°	FL	2 45°	FH	2 90°	FH-54	4 45°	SL1 = ((FL-116)/3)-15,3	2 45°	SL2=SL1+46	6 45°	SH = FH-92	1 90°	FL-54	2 90°	SL1-12	2 90°/45°	SL2+8	-	-	1 90° / 45°	SH+14	1 90° / 45°	SH+7	1 90°	SH+6	1 90°	SH-14	-	-	-	-	-	
	7B & 7C										2 90° / 45°						SL1+8																				2 90° / 45°
	7A*	77BF-101-18 + 77BF-401-18	77BF-101-18	2 45°	FL	2 45°	FH	2 90°	FH-54	4 45°	SL1 = ((FL-130)/3)-15,3	2 45°	SL2=SL1+46	6 45°	SH = FH-92	1 90°	FL-106	2 90°	SL1-12	2 90°/45°	SL2+8	-	-	1 90° / 45°	SH+14	1 90° / 45°	SH+7	1 90°	SH+6	1 90°	SH-14	-	-	-	-	-	
	7B & 7C										2 90° / 45°						SL1+8																				2 90° / 45°
3 + 0	2A	77BF-101-18	77BF-101-18	2 45°	FL	2 45°	FH	2 90°	FH-54	6 45°	SL1 = (FL-102)/3	-	-	6 45°	SH = FH-92	1 90°	FL-54	4 90°	SL1-12	-	-	-	-	-	-	-	-	1 90°	SH+6	-	-	-	-	-	-	-	-
	2B & 2C										2 90° / 45°						SL1+8																				
	2A*	77BF-101-18 + 77BF-401-18	77BF-101-18	2 45°	FL	2 45°	FH	2 90°	FH-54	6 45°	SL1 = (FL-116)/3	-	-	6 45°	SH = FH-92	1 90°	FL-106	4 90°	SL1-12	-	-	-	-	-	-	-	1 90°	SH+6	-	-	-	-	-	-	-	-	-
	2B & 2C										2 90° / 45°						SL1+8																				
2 + 2	8A	77BF-101-18	77BF-101-18	2 45°	FL	2 45°	FH	2 90°	FH-54	4 45°	SL1 = ((FL-142)/4)-23	4 45°	SL2=SL1+46	8 45°	SH = FH-92	1 90°	FL-54	4 90°	SL1-12	4 90°/45°	SL2+8	-	-	2 90° / 45°	SH+14	2 90° / 45°	SH+7	1 90°	SH+6	1 90°	SH-14	-	-	-	-	-	
		77BF-101-18 + 77BF-401-18									FL-106						90° / 45°																				SH+6
3 + 1	6A	77BF-101-18	77BF-101-18	2 45°	FL	2 45°	FH	2 90°	FH-54	8 45°	SL1 = (FL-114)/4	-	-	8 45°	SH = FH-92	1 90°	FL-54	4 90°	SL1-12	-	-	-	-	-	-	-	1 90°	SH+6	1 90°	SH-14	-	-	-	-	-	-	-
	6B & 6C										2 90° / 45°						SL1+8																				
	6A*	77BF-101-18 + 77BF-401-18	77BF-101-18	2 45°	FL	2 45°	FH	2 90°	FH-54	8 45°	SL1 = (FL-142)/4	-	-	8 45°	SH = FH-92	1 90°	FL-106	4 90°	SL1-12	-	-	-	-	-	-	1 90°	SH+6	1 90°	SH-14	-	-	-	-	-	-	-	-
	6B & 6C										2 90° / 45°						SL1+8																				
3 + 1	6B & 6C	77BF-101-18 + 77BF-401-18	77BF-101-18	2 45°	FL	2 45°	FH	2 90°	FH-54	8 45°	SL1 = (FL-166)/4	-	-	8 45°	SH = FH-92	1 90°	FL-106	4 90°	SL1-12	-	-	-	-	-	-	1 90°	SH+6	1 90°	SH-14	-	-	-	-	-	-	-	-
											SL1 = (FL-194)/4						2 90° / 45°																				

45° CUTTING SIZE LIST / KESİM ÖLÇÜ LİSTESİ

45° CUTTING SIZE KESİM ÖLÇÜLERİ				HORIZONTAL FRAME YATAY KASA 77BF-101-18		VERTICAL FRAME DÜŞEY KASA 77BF-101-18		ADJUSTING ADAPTER AYAR ADAPTÖRÜ 77BF-401-18		HORIZONTAL SASH 1 YATAY KANAT 1 77BF-201-18		HORIZONTAL SASH 2 YATAY KANAT 2 77BF-201-18		VERTICAL SASH DÜŞEY KANAT 77BF-201-18		FRAME ADAPTER KASA ADAPTÖRÜ 77BF-402-00		HORIZONTAL SASH ADAPTER 1 YATAY KANAT ADAPTÖRÜ 1 77BF-501-00 / H1		HORIZONTAL SASH ADAPTER 2 YATAY KANAT ADAPTÖRÜ 2 77BF-501-00 / H2		HORIZONTAL SASH ADAPTER 3 YATAY KANAT ADAPTÖRÜ 3 77BF-501-00 / H3		VERTICAL SASH ADAPTER 1 DÜŞEY KANAT ADAPTÖRÜ 1 77BF-501-00 / V1		VERTICAL SASH ADAPTER 2 DÜŞEY KANAT ADAPTÖRÜ 2 77BF-501-00 / V2		ADAPTER 1 ADAPTÖR 1 77BF-502-00 / 1		ADAPTER 2 ADAPTÖR 2 77BF-502-00 / 2		ADAPTER 1 ADAPTÖR 1 77BF-503-00 / 1		ADAPTER 2 ADAPTÖR 2 77BF-503-00 / 2							
OPENING TYPE AÇILIM TİPİ	SECTION TYPE DETAY TİPİ	VERTICAL PROFILE DÜŞEY PROFİL	BOTTOM DETAIL TYPE ALT DETAY TİPİ	QUANTITY ANGULAR MIKTARI / AÇI	FORMULA / FORMÜL	QUANTITY ANGULAR MIKTARI / AÇI	FORMULA / FORMÜL	QUANTITY ANGULAR MIKTARI / AÇI	FORMULA / FORMÜL	QUANTITY ANGULAR MIKTARI / AÇI	FORMULA / FORMÜL	QUANTITY ANGULAR MIKTARI / AÇI	FORMULA / FORMÜL	QUANTITY ANGULAR MIKTARI / AÇI	FORMULA / FORMÜL	QUANTITY ANGULAR MIKTARI / AÇI	FORMULA / FORMÜL	QUANTITY ANGULAR MIKTARI / AÇI	FORMULA / FORMÜL	QUANTITY ANGULAR MIKTARI / AÇI	FORMULA / FORMÜL	QUANTITY ANGULAR MIKTARI / AÇI	FORMULA / FORMÜL	QUANTITY ANGULAR MIKTARI / AÇI	FORMULA / FORMÜL	QUANTITY ANGULAR MIKTARI / AÇI	FORMULA / FORMÜL	QUANTITY ANGULAR MIKTARI / AÇI	FORMULA / FORMÜL	QUANTITY ANGULAR MIKTARI / AÇI	FORMULA / FORMÜL	QUANTITY ANGULAR MIKTARI / AÇI	FORMULA / FORMÜL	QUANTITY ANGULAR MIKTARI / AÇI	FORMULA / FORMÜL						
4 + 0	3A	77BF-101-18	77BF-101-18	2 45°	FL	2 45°	FH	2 90°	FH-54	6 45°	SL1 = ((FL-128)/4)-11,5	2 45°	SL2=SL1+46	8 45°	SH = FH-92	1 90°	FL-54	6 90°	SL1-12	2 90°/45°	SL2+8	-	-	1 90° / 45°	SH+14	1 90° / 45°	SH+7	1 90°	SH+6	-	-	-	-								
		77BF-101-18 + 77BF-401-18									SL1 = ((FL-180)/4)-11,5						FL-106					-	-							-	-										
3 + 2	7A	77BF-101-18	77BF-101-18	2 45°	FL	2 45°	FH	2 90°	SH-54	8 45°	SL1 = ((FL-140)/5)-9,2	2 45°	SL2=SL1+46	10 45°	SH = FH-92	1 90°	FL-54	8 90°	SL1-12	2 90°/45°	SL2+8	-	-	1 90° / 45°	SH+14	1 90° / 45°	SH+7	1 90°	SH+6	1 90°	SH-14	-	-	-	-						
	7B & 7C	77BF-101-18									SL1 = ((FL-154)/5)-9,2						6 90°					2 90° / 45°	SL1+8									2 90° / 45°	SH+14	2 90° / 45°	SH+7	1 90°	SH+1	1 90°	SH-280		
	7A*	77BF-101-18 + 77BF-401-18									SL1 = ((FL-192)/5)-9,2						8 90°					-	-									1 90° / 45°	1 90° / 45°	-	-	-	-	-			
	7B & 7C	77BF-101-18 + 77BF-401-18									SL1 = ((FL-206)/5)-9,2						6 90°					2 90° / 45°	SL1+8									2 90° / 45°	SH+14	2 90° / 45°	SH+7	1 90°	SH+1	1 90°	SH-280		
4 + 1	7A	77BF-101-18	77BF-101-18	2 45°	FL	2 45°	FH	2 90°	FH-54	8 45°	SL1 = ((FL-140)/5)-9,2	2 45°	SL2=SL1+46	10 45°	SH = FH-92	1 90°	FL-54	8 90°	SL1-12	2 90°/45°	SL2+8	-	-	1 90° / 45°	SH+14	1 90° / 45°	SH+7	1 90°	SH+6	1 90°	SH-14	-	-	-	-						
	7B & 7C	77BF-101-18									SL1 = ((FL-154)/5)-9,2						6 90°					2 90° / 45°	SL1+8									2 90° / 45°	SH+14	2 90° / 45°	SH+7	1 90°	SH+1	1 90°	SH-280		
	7A*	77BF-101-18 + 77BF-401-18									SL1 = ((FL-192)/5)-9,2						8 90°					-	-									1 90° / 45°	1 90° / 45°	-	-	-	-	-			
	7B & 7C	77BF-101-18 + 77BF-401-18									SL1 = ((FL-206)/5)-9,2						6 90°					2 90° / 45°	SL1+8									2 90° / 45°	SH+14	2 90° / 45°	SH+7	1 90°	SH+1	1 90°	SH-280		
5 + 0	2A	77BF-101-18	77BF-101-18	2 45°	FL	2 45°	FH	2 90°	FH-54	10 45°	SL1 = (FL-126)/5	-	-	10 45°	SH = FH-92	1 90°	FL-54	10 90°	SL1-12	-	-	-	-	-	-	-	-	1 90°	SH+6	-	-	-	-								
	2B & 2C	77BF-101-18									SL1 = (FL-140)/5						8 90°													2 90° / 45°	SL1+8	1 90° / 45°	SH+14	1 90° / 45°	SH+7	-	-	1 90°	SH+1	-	-
	2A*	77BF-101-18 + 77BF-401-18									SL1 = (FL-178)/5						10 90°													-	-	-	-	-	-	-	-	-			
	2B & 2C	77BF-101-18 + 77BF-401-18									SL1 = (FL-192)/5						8 90°													2 90° / 45°	SL1+8	1 90° / 45°	SH+14	1 90° / 45°	SH+7	1 90°	SH+1	-	-		
3 + 3	6A	77BF-101-18	77BF-101-18	2 45°	FL	2 45°	FH	2 90°	FH-54	12 45°	SL1 = (FL-138)/6	-	-	12 45°	SH = FH-92	1 90°	FL-54	12 90°	SL1-12	-	-	-	-	-	-	-	-	1 90°	SH+6	1 90°	SH-14	-	-	-	-						
	6B & 6C	77BF-101-18									SL1 = (FL-166)/6						8 90°															4 90° / 45°	SL1+8	2 90° / 45°	SH+14	2 90° / 45°	SH+7	2 90°	SH+1	-	-
	6A*	77BF-101-18 + 77BF-401-18									SL1 = (FL-190)/6						12 90°															-	-	-	-	-	-	-	-	-	
	6B & 6C	77BF-101-18 + 77BF-401-18									SL1 = (FL-218)/6						8 90°															4 90° / 45°	SL1+8	2 90° / 45°	SH+14	2 90° / 45°	SH+7	2 90°	SH+1	-	-

45° CUTTING SIZE LIST / KESİM ÖLÇÜ LİSTESİ

45° CUTTING SIZE KESİM ÖLÇÜLERİ				HORIZONTAL FRAME YATAY KASA 77BF-101-18		VERTICAL FRAME DÜŞEY KASA 77BF-101-18		ADJUSTING ADAPTER AYAR ADAPTÖRÜ 77BF-401-18		HORIZONTAL SASH 1 YATAY KANAT 1 77BF-201-18		HORIZONTAL SASH 2 YATAY KANAT 2 77BF-201-18		VERTICAL SASH DÜŞEY KANAT 77BF-201-18		FRAME ADAPTER KASA ADAPTÖRÜ 77BF-402-00		HORIZONTAL SASH ADAPTER 1 YATAY KANAT ADAPTÖRÜ 1 77BF-501-00 / H1		HORIZONTAL SASH ADAPTER 2 YATAY KANAT ADAPTÖRÜ 2 77BF-501-00 H2		HORIZONTAL SASH ADAPTER 3 YATAY KANAT ADAPTÖRÜ 3 77BF-501-00 / H3		VERTICAL SASH ADAPTER 1 DÜŞEY KANAT ADAPTÖRÜ 1 77BF-501-00 / V1		VERTICAL SASH ADAPTER 2 DÜŞEY KANAT ADAPTÖRÜ 2 77BF-501-00 / V2		ADAPTER 1 ADAPTÖR 1 77BF-502-00 / 1		ADAPTER 2 ADAPTÖR 2 77BF-502-00 / 2		ADAPTER 1 ADAPTÖR 1 77BF-503-00 / 1		ADAPTER 2 ADAPTÖR 2 77BF-503-00 / 2							
OPENING TYPE AÇILIM TİPİ	SECTION TYPE DETAY TİPİ	VERTICAL PROFILE DÜŞEY PROFİL	BOTTOM DETAIL TYPE ALT DETAY TİPİ	QUANTITY ANGULAR MIKTARI / AÇI	FORMULA / FORMÜL	QUANTITY ANGULAR MIKTARI / AÇI	FORMULA / FORMÜL	QUANTITY ANGULAR MIKTARI / AÇI	FORMULA / FORMÜL	QUANTITY ANGULAR MIKTARI / AÇI	FORMULA / FORMÜL	QUANTITY ANGULAR MIKTARI / AÇI	FORMULA / FORMÜL	QUANTITY ANGULAR MIKTARI / AÇI	FORMULA / FORMÜL	QUANTITY ANGULAR MIKTARI / AÇI	FORMULA / FORMÜL	QUANTITY ANGULAR MIKTARI / AÇI	FORMULA / FORMÜL	QUANTITY ANGULAR MIKTARI / AÇI	FORMULA / FORMÜL	QUANTITY ANGULAR MIKTARI / AÇI	FORMULA / FORMÜL	QUANTITY ANGULAR MIKTARI / AÇI	FORMULA / FORMÜL	QUANTITY ANGULAR MIKTARI / AÇI	FORMULA / FORMÜL	QUANTITY ANGULAR MIKTARI / AÇI	FORMULA / FORMÜL	QUANTITY ANGULAR MIKTARI / AÇI	FORMULA / FORMÜL	QUANTITY ANGULAR MIKTARI / AÇI	FORMULA / FORMÜL	QUANTITY ANGULAR MIKTARI / AÇI	FORMULA / FORMÜL						
4 + 2	8A	77BF-101-18	77BF-101-18	2 45°	FL	2 45°	FH	2 90°	FH-54	8 45°	SL1 = ((FL-166)/6)-15,3	4 45°	SL2=SL1+46	12 45°	SH = FH-92	1 90°	FL-54	8 90°	SL1-12	4 90°/45°	SL2+8	-	-	2 90° / 45°	SH+14	2 90° / 45°	SH+7	1 90°	SH+6	1 90°	SH-14	-	-	-	-						
		77BF-101-18 + 77BF-401-18									SL1 = ((FL-218)/6)-15,3						FL-106					-	-									-	-								
5 + 1	6A	77BF-101-18	77BF-101-18	2 45°	FL	2 45°	FH	2 90°	FH-54	12 45°	SL1 = (FL-138)/6	-	-	12 45°	SH = FH-92	1 90°	FL-54	12 90°	SL1-12	-	-	-	-	2 90° / 45°	SH+14	2 90° / 45°	SH+7	1 90°	SH+6	1 90°	SH-14	-	-	-	-						
	6B & 6C	77BF-101-18									SL1 = (FL-166)/6						8 90°					4 90° / 45°	SL1+8									2 90° / 45°	SH+14	2 90° / 45°	SH+7	2 90°	SH+1				
	6A*	77BF-101-18 + 77BF-401-18									SL1 = (FL-190)/6						12 90°					-	-									-	-	-	-	-	-				
	6B & 6C	77BF-101-18 + 77BF-401-18									SL1 = (FL-218)/6						8 90°					4 90° / 45°	SL1+8									2 90° / 45°	SH+14	2 90° / 45°	SH+7	2 90°	SH+1				
6 + 0	3A	77BF-101-18	77BF-101-18	2 45°	FL	2 45°	FH	2 90°	FH-54	10 45°	SL1 = ((FL-152)/6)-7,6	2 45°	SL2=SL1+46	12 45°	SH = FH-92	1 90°	FL-54	10 90°	SL1-12	2 90°/45°	SL2+8	-	-	1 90° / 45°	SH+14	1 90° / 45°	SH+7	1 90°	SH+6	-	-	-	-								
		77BF-101-18 + 77BF-401-18									SL1 = ((FL-204)/6)-7,6						FL-106					-	-							-	-										
4 + 3	7A	77BF-101-18	77BF-101-18	2 45°	FL	2 45°	FH	2 90°	FH-54	12 45°	SL1 = ((FL-164)/7)-6,6	2 45°	SL2=SL1+46	14 45°	SH = FH-92	1 90°	FL-54	12 90°	SL1-12	2 90°/45°	SL2+8	-	-	2 90° / 45°	SL1+8	1 90° / 45°	SH+14	1 90° / 45°	SH+7	1 90°	SH+6	1 90°	SH-14	-	-	-	-				
	7B & 7C	77BF-101-18									SL1 = ((FL-178)/7)-6,6						10 90°					2 90° / 45°	SL1+8											2 90° / 45°	SH+14	2 90° / 45°	SH+7	1 90°	SH+1	1 90°	SH-280
	7A*	77BF-101-18 + 77BF-401-18									SL1 = ((FL-216)/7)-6,6						12 90°					-	-											-	-	-	-	-	-		
	7B & 7C	77BF-101-18 + 77BF-401-18									SL1 = ((FL-230)/7)-6,6						10 90°					2 90° / 45°	SL1+8											2 90° / 45°	SH+14	2 90° / 45°	SH+7	1 90°	SH+1	1 90°	SH-280
5 + 2	7A	77BF-101-18	77BF-101-18	2 45°	FL	2 45°	FH	2 90°	FH-54	12 45°	SL1 = ((FL-164)/7)-6,6	2 45°	SL2=SL1+46	14 45°	SH = FH-92	1 90°	FL-54	12 90°	SL1-12	2 90°/45°	SL2+8	-	-	2 90° / 45°	SL1+8	1 90° / 45°	SH+14	1 90° / 45°	SH+7	1 90°	SH+6	1 90°	SH-14	-	-	-	-				
	7B & 7C	77BF-101-18									SL1 = ((FL-178)/7)-6,6						10 90°					2 90° / 45°	SL1+8											2 90° / 45°	SH+14	2 90° / 45°	SH+7	1 90°	SH+1	1 90°	SH-280
	7A*	77BF-101-18 + 77BF-401-18									SL1 = ((FL-216)/7)-6,6						12 90°					-	-											-	-	-	-	-	-		
	7B & 7C	77BF-101-18 + 77BF-401-18									SL1 = ((FL-230)/7)-6,6						10 90°					2 90° / 45°	SL1+8											2 90° / 45°	SH+14	2 90° / 45°	SH+7	1 90°	SH+1	1 90°	SH-280

45° CUTTING SIZE KESİM ÖLÇÜLERİ				GASKETS / FİTİLLER								GLASS / CAM 77BF-201-18				GLASS / CAM 77BF-202-18				GLAZING BEAD / CAM ÇİTASI 77BF-201-18				GLAZING BEAD / CAM ÇİTASI 77BF-201-18														
OPENING TYPE AÇILIM TİPİ	SECTION TYPE DETAY TİPİ	VERTICAL PROFILE DÜŞEY PROFİL	BOTTOM DETAIL TYPE ALT DETAY TİPİ	EM77BF-01	EM77BF-02	EM77BF-03	EM3-03	EM3-01	EM2-03	EM1-XX	O-RING-3 mm	EM45-05	GL1		GL2		GL1		GL2		CL1		CH		CL2		CH		CL1		CH		CL2		CH			
				QUANTITY MİKTAR	FORMULA FORMÜL	Horizontal / Yatay	FORMULA FORMÜL	Vertical / Dikey	QUANTITY MİKTAR	FORMULA FORMÜL	Horizontal / Yatay	FORMULA FORMÜL	Vertical / Dikey	QUANTITY MİKTAR	FORMULA FORMÜL	Horizontal / Yatay	FORMULA FORMÜL	Vertical / Dikey	QUANTITY MİKTAR	FORMULA FORMÜL	Horizontal / Yatay	FORMULA FORMÜL	Vertical / Dikey	QUANTITY MİKTAR	FORMULA FORMÜL	Horizontal / Yatay	FORMULA FORMÜL	Vertical / Dikey	QUANTITY MİKTAR	FORMULA FORMÜL	Horizontal / Yatay	FORMULA FORMÜL	Vertical / Dikey	QUANTITY MİKTAR	FORMULA FORMÜL	Horizontal / Yatay	FORMULA FORMÜL	Vertical / Dikey
6 + 1	7A	77BF-101-18	77BF-101-18	1FL + 12FH	1FL + 12FH	FL	2FL + 4FH	-	12 (CL1+CH1) + 2 (CL2 +CH2)	12 (CL1+CH1) + 2 (CL2 +CH2)	12 (CL1+CH1) + 2 (CL2 +CH2)	12 (CL1+CH1) + 2 (CL2 +CH2)	2 FL + 4FH	6	GL1 = SL1-98	GH = SH-98	1	GL2 = SL2-98	GH = SH-98	6	GL1 = SL1-88	GH = SH-88	1	GL2 = SL2-88	GH = SH-88	12	CL1 = SL1-78	CH = SH-122	2	CL2 = SL2-78	CH = SH-122	12	CL1 = SL1-78	CH = SH-106	2	CL2 = SL2-78	CH = SH-106	
	7B & 7C	77BF-101-18		2FL + 4FH	-	12 (CL1+CH1) + 2 (CL2 +CH2)	12 (CL1+CH1) + 2 (CL2 +CH2)	12 (CL1+CH1) + 2 (CL2 +CH2)	12 (CL1+CH1) + 2 (CL2 +CH2)	2 FL + 4FH	6	GL1 = SL1-88	GH = SH-88	1	GL2 = SL2-88	GH = SH-88	12	CL1 = SL1-78	CH = SH-122	2	CL2 = SL2-78	CH = SH-122	12	CL1 = SL1-78	CH = SH-106	2	CL2 = SL2-78	CH = SH-106										
	7A*	77BF-101-18 + 77BF-401-18		2FL + 6FH	-	12 (CL1+CH1) + 2 (CL2 +CH2)	12 (CL1+CH1) + 2 (CL2 +CH2)	12 (CL1+CH1) + 2 (CL2 +CH2)	12 (CL1+CH1) + 2 (CL2 +CH2)	2 FL + 4FH	6	GL1 = SL1-98	GH = SH-98	1	GL2 = SL2-98	GH = SH-98	12	CL1 = SL1-78	CH = SH-122	2	CL2 = SL2-78	CH = SH-122	12	CL1 = SL1-78	CH = SH-106	2	CL2 = SL2-78	CH = SH-106										
	7B & 7C	77BF-101-18 + 77BF-401-18		2FL + 6FH	-	12 (CL1+CH1) + 2 (CL2 +CH2)	12 (CL1+CH1) + 2 (CL2 +CH2)	12 (CL1+CH1) + 2 (CL2 +CH2)	12 (CL1+CH1) + 2 (CL2 +CH2)	2 FL + 4FH	6	GL1 = SL1-98	GH = SH-98	1	GL2 = SL2-98	GH = SH-98	12	CL1 = SL1-78	CH = SH-122	2	CL2 = SL2-78	CH = SH-122	12	CL1 = SL1-78	CH = SH-106	2	CL2 = SL2-78	CH = SH-106										
7 + 0	2A	77BF-101-18	77BF-101-18	1FL + 13FH	1FL + 13FH	FL	2FL + 3FH	-	14 (CL1+CH1)	14 (CL1+CH1)	14 (CL1+CH1)	14 (CL1+CH1)	2 FL + 4FH	7	GL1 = SL1-98	GH = SH-98	-	-	-	7	GL1 = SL1-88	GH = SH-88	-	-	-	14	CL1 = SL1-78	CH = SH-122	-	-	-	14	CL1 = SL1-78	CH = SH-106	-	-	-	
	2B & 2C	77BF-101-18		2FL + 3FH	-	14 (CL1+CH1)	14 (CL1+CH1)	14 (CL1+CH1)	14 (CL1+CH1)	2 FL + 4FH	7	GL1 = SL1-88	GH = SH-88	-	-	-	14	CL1 = SL1-78	CH = SH-122	-	-	-	14	CL1 = SL1-78	CH = SH-106	-	-	-	14	CL1 = SL1-78	CH = SH-106	-	-	-				
	2A*	77BF-101-18 + 77BF-401-18		2FL + 5FH	-	14 (CL1+CH1)	14 (CL1+CH1)	14 (CL1+CH1)	14 (CL1+CH1)	2 FL + 4FH	7	GL1 = SL1-98	GH = SH-98	-	-	-	14	CL1 = SL1-78	CH = SH-122	-	-	-	14	CL1 = SL1-78	CH = SH-106	-	-	-	14	CL1 = SL1-78	CH = SH-106	-	-	-				
	2B & 2C	77BF-101-18 + 77BF-401-18		2FL + 5FH	-	14 (CL1+CH1)	14 (CL1+CH1)	14 (CL1+CH1)	14 (CL1+CH1)	2 FL + 4FH	7	GL1 = SL1-98	GH = SH-98	-	-	-	14	CL1 = SL1-78	CH = SH-122	-	-	-	14	CL1 = SL1-78	CH = SH-106	-	-	-	14	CL1 = SL1-78	CH = SH-106	-	-	-				
4 + 4	8A	77BF-101-18	77BF-101-18	1FL + 14FH	1FL + 14FH	FL	2FL + 3FH	-	12 (CL1+CH1) + 4 (CL2 +CH2)	12 (CL1+CH1) + 4 (CL2 +CH2)	12 (CL1+CH1) + 4 (CL2 +CH2)	12 (CL1+CH1) + 4 (CL2 +CH2)	2 FL + 4FH	6	GL1 = SL1-98	GH = SH-98	2	GL2 = SL2-98	GH = SH-98	6	GL1 = SL1-88	GH = SH-88	2	GL2 = SL2-88	GH = SH-88	12	CL1 = SL1-78	CH = SH-122	4	CL2 = SL2-78	CH = SH-122	12	CL1 = SL1-78	CH = SH-106	4	CL2 = SL2-78	CH = SH-106	
		77BF-101-18 + 77BF-401-18		2FL + 5FH	-	12 (CL1+CH1) + 4 (CL2 +CH2)	12 (CL1+CH1) + 4 (CL2 +CH2)	12 (CL1+CH1) + 4 (CL2 +CH2)	12 (CL1+CH1) + 4 (CL2 +CH2)	2 FL + 4FH	6	GL1 = SL1-98	GH = SH-98	2	GL2 = SL2-98	GH = SH-98	12	CL1 = SL1-78	CH = SH-122	4	CL2 = SL2-78	CH = SH-122	12	CL1 = SL1-78	CH = SH-106	4	CL2 = SL2-78	CH = SH-106										
5 + 3	6A	77BF-101-18	77BF-101-18	1FL + 14FH	1FL + 14FH	FL	2FL + 4FH	-	16 (CL1+CH1)	16 (CL1+CH1)	16 (CL1+CH1)	16 (CL1+CH1)	2 FL + 4FH	8	GL1 = SL1-98	GH = SH-98	-	-	-	8	GL1 = SL1-88	GH = SH-88	-	-	-	16	CL1 = SL1-78	CH = SH-122	-	-	-	16	CL1 = SL1-78	CH = SH-106	-	-	-	
	6B & 6C	77BF-101-18		2FL + 4FH	-	16 (CL1+CH1)	16 (CL1+CH1)	16 (CL1+CH1)	16 (CL1+CH1)	2 FL + 4FH	8	GL1 = SL1-88	GH = SH-88	-	-	-	16	CL1 = SL1-78	CH = SH-122	-	-	-	16	CL1 = SL1-78	CH = SH-106	-	-	-	16	CL1 = SL1-78	CH = SH-106	-	-	-				
	6A*	77BF-101-18 + 77BF-401-18		2FL + 6FH	-	16 (CL1+CH1)	16 (CL1+CH1)	16 (CL1+CH1)	16 (CL1+CH1)	2 FL + 4FH	8	GL1 = SL1-98	GH = SH-98	-	-	-	16	CL1 = SL1-78	CH = SH-122	-	-	-	16	CL1 = SL1-78	CH = SH-106	-	-	-	16	CL1 = SL1-78	CH = SH-106	-	-	-				
	6B & 6C	77BF-101-18 + 77BF-401-18		2FL + 6FH	-	16 (CL1+CH1)	16 (CL1+CH1)	16 (CL1+CH1)	16 (CL1+CH1)	2 FL + 4FH	8	GL1 = SL1-98	GH = SH-98	-	-	-	16	CL1 = SL1-78	CH = SH-122	-	-	-	16	CL1 = SL1-78	CH = SH-106	-	-	-	16	CL1 = SL1-78	CH = SH-106	-	-	-				

45° CUTTING SIZE LIST / KESİM ÖLÇÜ LİSTESİ

45° CUTTING SIZE KESİM ÖLÇÜLERİ				HORIZONTAL FRAME YATAY KASA 77BF-101-18		VERTICAL FRAME DÜŞEY KASA 77BF-101-18		ADJUSTING ADAPTER AYAR ADAPTÖRÜ 77BF-401-18		HORIZONTAL SASH 1 YATAY KANAT 1 77BF-201-18		HORIZONTAL SASH 2 YATAY KANAT 2 77BF-201-18		VERTICAL SASH DÜŞEY KANAT 77BF-201-18		FRAME ADAPTER KASA ADAPTÖRÜ 77BF-402-00		HORIZONTAL SASH ADAPTER 1 YATAY KANAT ADAPTÖRÜ 1 77BF-501-00 / H1		HORIZONTAL SASH ADAPTER 2 YATAY KANAT ADAPTÖRÜ 2 77BF-501-00 H2		HORIZONTAL SASH ADAPTER 3 YATAY KANAT ADAPTÖRÜ 3 77BF-501-00 / H3		VERTICAL SASH ADAPTER 1 DÜŞEY KANAT ADAPTÖRÜ 1 77BF-501-00 / V1		VERTICAL SASH ADAPTER 2 DÜŞEY KANAT ADAPTÖRÜ 2 77BF-501-00 / V2		ADAPTER 1 ADAPTÖR 1 77BF-502-00 / 1		ADAPTER 2 ADAPTÖR 2 77BF-502-00 / 2		ADAPTER 1 ADAPTÖR 1 77BF-503-00 / 1		ADAPTER 2 ADAPTÖR 2 77BF-503-00 / 2	
OPENING TYPE AÇILIM TİPİ	SECTION TYPE DETAY TİPİ	VERTICAL PROFILE DÜŞEY PROFİL	BOTTOM DETAIL TYPE ALT DETAY TİPİ	QUANTITY ANGULAR MIKTARI / AÇI	FORMULA / FORMÜL	QUANTITY ANGULAR MIKTARI / AÇI	FORMULA / FORMÜL	QUANTITY ANGULAR MIKTARI / AÇI	FORMULA / FORMÜL	QUANTITY ANGULAR MIKTARI / AÇI	FORMULA / FORMÜL	QUANTITY ANGULAR MIKTARI / AÇI	FORMULA / FORMÜL	QUANTITY ANGULAR MIKTARI / AÇI	FORMULA / FORMÜL	QUANTITY ANGULAR MIKTARI / AÇI	FORMULA / FORMÜL	QUANTITY ANGULAR MIKTARI / AÇI	FORMULA / FORMÜL	QUANTITY ANGULAR MIKTARI / AÇI	FORMULA / FORMÜL	QUANTITY ANGULAR MIKTARI / AÇI	FORMULA / FORMÜL	QUANTITY ANGULAR MIKTARI / AÇI	FORMULA / FORMÜL	QUANTITY ANGULAR MIKTARI / AÇI	FORMULA / FORMÜL	QUANTITY ANGULAR MIKTARI / AÇI	FORMULA / FORMÜL	QUANTITY ANGULAR MIKTARI / AÇI	FORMULA / FORMÜL	QUANTITY ANGULAR MIKTARI / AÇI	FORMULA / FORMÜL	QUANTITY ANGULAR MIKTARI / AÇI	FORMULA / FORMÜL
6 + 1	7A	77BF-101-18	77BF-101-18	2 45°	FL	2 45°	FH	2 90°	FH-54	12 45°	SL1 = ((FL-164)/7)-6,6	2 45°	SL2=SL1+46	14 45°	SH = FH-92	1 90°	FL-54	12 90°	SL1-12	2 90°/45°	SL2+8	-	-	1 90° / 45°	1 90° / 45°	1 90°	SH+6	1 90°	SH-14	-	-	1 90°	SH+1	1 90°	SH-280
	7B & 7C	77BF-101-18									SL1 = ((FL-178)/7)-6,6					10 90°	SL1-12	2 90° / 45°	SL1+8			2 90° / 45°	SH+14	2 90° / 45°	SH+7										
	7A*	77BF-101-18 + 77BF-401-18									SL1 = ((FL-216)/7)-6,6					12 90°	SL1-12	-	-			1 90° / 45°	1 90° / 45°												
	7B & 7C	77BF-101-18 + 77BF-401-18									SL1 = ((FL-230)/7)-6,6					10 90°	SL1-12	2 90° / 45°	SL1+8			2 90° / 45°	SH+7	2 90° / 45°	SH+7					1 90°	SH+1	1 90°	SH-280		
7 + 0	2A	77BF-101-18	77BF-101-18	2 45°	FL	2 45°	FH	2 90°	FH-54	14 45°	SL1 = (FL-150)/7	-	-	14 45°	SH = FH-92	1 90°	FL-54	14 90°	SL1-12	-	-	-	-	-	-	1 90°	SH+6	-	-	-	-	-	-		
	2B & 2C	77BF-101-18									SL1 = (FL-164)/7					12 90°	SL1-12	2 90° / 45°				SL1+8	1 90° / 45°	SH+14	1 90° / 45°					SH+7	1 90°	SH+1	-	-	
	2A*	77BF-101-18 + 77BF-401-18									SL1 = (FL-202)/7					14 90°	-	-				-	-	-											
	2B & 2C	77BF-101-18 + 77BF-401-18									SL1 = (FL-216)/7					12 90°	SL1-12	2 90° / 45°				SL1+8	1 90° / 45°	SH+14	1 90° / 45°					SH+7	1 90°	SH+1	-	-	
4 + 4	8A	77BF-101-18	77BF-101-18	2 45°	FL	2 45°	FH	2 90°	FH-54	12 45°	SL1 = ((FL-190)/8)-11,5	4 45°	SL2=SL1+46	16 45°	SH = FH-92	1 90°	FL-54	12 90°	SL1-12	4 90°/45°	SL2+8	-	-	2 90° / 45°	SH+14	2 90° / 45°	SH+7	1 90°	SH+6	1 90°	SH-14	-	-		
		77BF-101-18 + 77BF-401-18									SL1 = ((FL-242)/8)-11,5					1 90°	FL-106	2 90° / 45°	SL1+8			2 90° / 45°	SH+14	2 90° / 45°	SH+7	2 90° / 45°	SH+7								
5 + 3	6A	77BF-101-18	77BF-101-18	2 45°	FL	2 45°	FH	2 90°	FH-54	16 45°	SL1 = (FL-162)/8	-	-	16 45°	SH = FH-92	1 90°	FL-54	16 90°	SL1-12	-	-	-	-	-	-	1 90°	SH+6	1 90°	SH-14	-	-	-	-		
	6B & 6C	77BF-101-18									SL1 = (FL-190)/8					12 90°	SL1-12	4 90° / 45°				SL1+8	2 90° / 45°	SH+14	2 90° / 45°					SH+7	2 90°	SH+1	-	-	
	6A*	77BF-101-18 + 77BF-401-18									SL1 = (FL-214)/8					16 90°	-	-				-	-	-											
	6B & 6C	77BF-101-18 + 77BF-401-18									SL1 = (FL-242)/8					12 90°	SL1-12	4 90° / 45°				SL1+8	2 90° / 45°	SH+14	2 90° / 45°					SH+7	2 90°	SH+1	-	-	

45° CUTTING SIZE LIST / KESİM ÖLÇÜ LİSTESİ

45° CUTTING SIZE KESİM ÖLÇÜLERİ				HORIZONTAL FRAME YATAY KASA 77BF-101-18		VERTICAL FRAME DÜŞEY KASA 77BF-101-18		ADJUSTING ADAPTER AYAR ADAPTÖRÜ 77BF-401-18		HORIZONTAL SASH 1 YATAY KANAT 1 77BF-201-18		HORIZONTAL SASH 2 YATAY KANAT 2 77BF-201-18		VERTICAL SASH DÜŞEY KANAT 77BF-201-18		FRAME ADAPTER KASA ADAPTÖRÜ 77BF-402-00		HORIZONTAL SASH ADAPTER 1 YATAY KANAT ADAPTÖRÜ 1 77BF-501-00 / H1		HORIZONTAL SASH ADAPTER 2 YATAY KANAT ADAPTÖRÜ 2 77BF-501-00 / H2		HORIZONTAL SASH ADAPTER 3 YATAY KANAT ADAPTÖRÜ 3 77BF-501-00 / H3		VERTICAL SASH ADAPTER 1 DÜŞEY KANAT ADAPTÖRÜ 1 77BF-501-00 / V1		VERTICAL SASH ADAPTER 2 DÜŞEY KANAT ADAPTÖRÜ 2 77BF-501-00 / V2		ADAPTER 1 ADAPTÖR 1 77BF-502-00 / 1		ADAPTER 2 ADAPTÖR 2 77BF-502-00 / 2		ADAPTER 1 ADAPTÖR 1 77BF-503-00 / 1		ADAPTER 2 ADAPTÖR 2 77BF-503-00 / 2																		
OPENING TYPE AÇILIM TİPİ	SECTION TYPE DETAY TİPİ	VERTICAL PROFILE DÜŞEY PROFİL	BOTTOM DETAIL TYPE ALT DETAY TİPİ	QUANTITY MIKTARI / AÇI	FORMULA / FORMÜL	QUANTITY MIKTARI / AÇI	FORMULA / FORMÜL	QUANTITY MIKTARI / AÇI	FORMULA / FORMÜL	QUANTITY MIKTARI / AÇI	FORMULA / FORMÜL	QUANTITY MIKTARI / AÇI	FORMULA / FORMÜL	QUANTITY MIKTARI / AÇI	FORMULA / FORMÜL	QUANTITY MIKTARI / AÇI	FORMULA / FORMÜL	QUANTITY MIKTARI / AÇI	FORMULA / FORMÜL	QUANTITY MIKTARI / AÇI	FORMULA / FORMÜL	QUANTITY MIKTARI / AÇI	FORMULA / FORMÜL	QUANTITY MIKTARI / AÇI	FORMULA / FORMÜL	QUANTITY MIKTARI / AÇI	FORMULA / FORMÜL	QUANTITY MIKTARI / AÇI	FORMULA / FORMÜL	QUANTITY MIKTARI / AÇI	FORMULA / FORMÜL	QUANTITY MIKTARI / AÇI	FORMULA / FORMÜL	QUANTITY MIKTARI / AÇI	FORMULA / FORMÜL																	
6 + 2	8A	77BF-101-18	77BF-101-18	2 45°	FL	2 45°	FH	2 90°	FH-54	12 45°	SL1 = ((FL-190)/8)-11,5	4 45°	SL2=SL1+46	16 45°	SH = FH-92	1 90°	FL-44	12 90°	SL1-12	4 90°/45°	SL2+8	-	-	2 90° / 45°	SH+14	2 90° / 45°	SH+7	1 90°	SH+6	1 90°	SH-14	-	-	-	-																	
		77BF-101-18 + 77BF-401-18									SL1 = ((FL-242)/8)-11,5						FL-106																			90°/45°	SH+14	SH+7	SH+6	SH-14												
7 + 1	6A	77BF-101-18	77BF-101-18	2 45°	FL	2 45°	FH	2 90°	FH-54	16 45°	SL1 = (FL-162)/8	-	-	16 45°	SH = FH-92	1 90°	FL-54	16 90°	SL1-12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-															
	6B & 6C	77BF-101-18									SL1 = (FL-190)/8						16 90°																					4 90° / 45°	SL1+8	2 90° / 45°	SH+14	2 90° / 45°	SH+7	1 90°	SH+6	1 90°	SH-14	2 90°	SH+1	-	-	
	6A*	77BF-101-18 + 77BF-401-18									SL1 = (FL-214)/8						16 90°																					-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	6B & 6C	77BF-101-18 + 77BF-401-18									SL1 = (FL-242)/8						12 90°																					4 90° / 45°	SL1+8	2 90° / 45°	SH+14	2 90° / 45°	SH+7	2 90°	SH+1	-	-					
5 + 4	7A	77BF-101-18	77BF-101-18	2 45°	FL	2 45°	FH	2 90°	FH-54	16 45°	SL1 = ((FL-188)/9)-5,1	2 45°	SL2=SL1+46	18 45°	SH = FH-92	1 90°	FL-54	16 90°	SL1-12	2 90°/45°	SL2+8	-	-	1 90° / 45°	SH+14	1 90° / 45°	-	-	-	-	-	-	-	-	-	-	-															
	7B & 7C	77BF-101-18									SL1 = ((FL-202)/9)-5,1						14 90°																					2 90° / 45°	SL1+8	2 90° / 45°	SH+14	2 90° / 45°	SH+14	1 90°	SH+6	1 90°	SH-14	1 90°	SH+1	1 90°	SH-280	
	7A*	77BF-101-18 + 77BF-401-18									SL1 = ((FL-240)/9)-5,1						16 90°																					-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	7B & 7C	77BF-101-18 + 77BF-401-18									SL1 = ((FL-254)/9)-5,1						14 90°																					2 90° / 45°	SL1+8	2 90° / 45°	SH+14	2 90° / 45°	SH+14	2 90° / 45°	SH+1	1 90°	SH-280					
6 + 3	7A	77BF-101-18	77BF-101-18	2 45°	FL	2 45°	FH	2 90°	SH - 54	16 45°	SL1 = ((FL-188)/9)-5,1	2 45°	SL2=SL1+46	18 45°	SH = FH-92	1 90°	FL-54	16 90°	SL1-12	2 90°/45°	SL2+8	-	-	1 90° / 45°	SH+14	1 90° / 45°	-	-	-	-	-	-	-	-	-	-	-															
	7B & 7C	77BF-101-18									SL1 = ((FL-202)/9)-5,1						14 90°																					2 90° / 45°	SL1+8	2 90° / 45°	SH+14	2 90° / 45°	SH+7	1 90°	SH+6	1 90°	SH-14	1 90°	SH+1	1 90°	SH-280	
	7A*	77BF-101-18 + 77BF-401-18									SL1 = ((FL-240)/9)-5,1						16 90°																					-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	7B & 7C	77BF-101-18 + 77BF-401-18									SL1 = ((FL-254)/9)-5,1						14 90°																					2 90° / 45°	SL1+8	2 90° / 45°	SH+14	2 90° / 45°	SH+14	2 90° / 45°	SH+1	1 90°	SH-280					
7 + 2	7A	77BF-101-18	77BF-101-18	2 45°	FL	2 45°	FH	2 90°	SH - 54	16 45°	SL1 = ((FL-188)/9)-5,1	2 45°	SL2=SL1+46	18 45°	SH = FH-92	1 90°	FL-54	16 90°	SL1-12	2 90°/45°	SL2+8	-	-	1 90° / 45°	SH+14	1 90° / 45°	-	-	-	-	-	-	-	-	-	-	-															
	7B & 7C	77BF-101-18									SL1 = ((FL-202)/9)-5,1						14 90°																					2 90° / 45°	SL1+8	2 90° / 45°	SH+14	2 90° / 45°	SH+7	1 90°	SH+6	1 90°	SH-14	1 90°	SH+1	1 90°	SH-280	
	7A*	77BF-101-18 + 77BF-401-18									SL1 = ((FL-240)/9)-5,1						16 90°																					-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	7B & 7C	77BF-101-18 + 77BF-401-18									SL1 = ((FL-254)/9)-5,1						14 90°																					2 90° / 45°	SL1+8	2 90° / 45°	SH+14	2 90° / 45°	SH+14	2 90° / 45°	SH+1	1 90°	SH-280					

45° CUTTING SIZE KESİM ÖLÇÜLERİ				GASKETS / FİTİLLER							GLASS / CAM 77BF-201-18			GLASS / CAM 77BF-202-18			GLAZING BEAD / CAM ÇİTASI 77BF-201-18				GLAZING BEAD / CAM ÇİTASI 77BF-201-18																			
OPENING TYPE AÇILIM TİPİ	SECTION TYPE DETAY TİPİ	VERTICAL PROFILE DÜŞEY PROFİL	BOTTOM DETAIL TYPE ALT DETAY TİPİ	EM77BF-01	EM77BF-02	EM77BF-03	EM3-03	EM3-01	EM2-03	EM1-XX	O.RING-3 mm	EM45-05	GL1		GL2		GL1		GL2		CL1		CH		CL2		CH													
				1FL + 22FH	1FL + 22FH	FL	2FL + 3FH	EH	20 (CL1+CH1) + 4 (CL2+CH2)	20 (CL1+CH1) + 4 (CL2+CH2)	20 (CL1+CH1) + 4 (CL2+CH2)	2 FL+ 4FH	10	GL1 = SL1-98	GH = SH-98	2	GL2 = SL2-98	GH = SH-98	10	GL1 = SL1-88	GH = SH-88	2	GL2 = SL2-88	GH = SH-88	20	CL1 = SL1-78	20	CH = SH-122	4	CL2 = SL2-78	4	CH = SH-122	20	CL1 = SL1-78	20	CH = SH-106	4	CL2 = SL2-78	4	CH = SH-106
6 + 6	8A	77BF-101-18 + 77BF-401-18	77BF-101-18	1FL + 22FH	1FL + 22FH	FL	2FL + 4FH	-	24 (CL1+CH1)	24 (CL1+CH1)	24 (CL1+CH1)	2 FL+ 4FH	12	GL1 = SL1-98	GH = SH-98	-	-	-	12	GL1 = SL1-88	GH = SH-88	-	-	-	24	CL1 = SL1-78	24	CH = SH-122	-	-	-	-	24	CL1 = SL1-78	24	CH = SH-106	-	-	-	-
7 + 5	6A 6B & 6C 6A* 6B & 6C	77BF-101-18 + 77BF-401-18	77BF-101-18	1FL + 24FH	1FL + 24FH	FL	2FL + 4FH	-	24 (CL1+CH1) + 2 (CL2+CH2)	24 (CL1+CH1) + 2 (CL2+CH2)	24 (CL1+CH1) + 2 (CL2+CH2)	2 FL+ 4FH	12	GL1 = SL1-98	GH = SH-98	1	GL2 = SL2-98	GH = SH-98	12	GL1 = SL1-88	GH = SH-88	1	GL2 = SL2-88	GH = SH-88	24	CL1 = SL1-78	24	CH = SH-122	2	CL2 = SL2-78	2	CH = SH-122	24	CL1 = SL1-78	24	CH = SH-106	2	CL2 = SL2-78	2	CH = SH-106
7 + 6	7A 7B & 7C 7A* 7B & 7C	77BF-101-18 + 77BF-401-18	77BF-101-18	1FL + 26FH	1FL + 26FH	FL	2FL + 4FH	-	28 (CL1+CH1)	28 (CL1+CH1)	28 (CL1+CH1)	2 FL+ 4FH	14	GL1 = SL1-98	GH = SH-98	-	-	-	14	GL1 = SL1-88	GH = SH-88	-	-	-	28	CL1 = SL1-78	28	CH = SH-122	-	-	-	-	28	CL1 = SL1-78	28	CH = SH-106	-	-	-	-
7 + 7	6A 6B & 6C 6A* 6B & 6C	77BF-101-18 + 77BF-401-18	77BF-101-18	1FL + 24FH	1FL + 24FH	FL	2FL + 4FH	-	24 (CL1+CH1)	24 (CL1+CH1)	24 (CL1+CH1)	2 FL+ 4FH	12	GL1 = SL1-98	GH = SH-98	1	GL2 = SL2-98	GH = SH-98	12	GL1 = SL1-88	GH = SH-88	1	GL2 = SL2-88	GH = SH-88	24	CL1 = SL1-78	24	CH = SH-122	2	CL2 = SL2-78	2	CH = SH-122	24	CL1 = SL1-78	24	CH = SH-106	2	CL2 = SL2-78	2	CH = SH-106

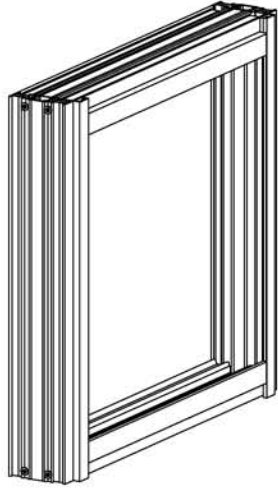
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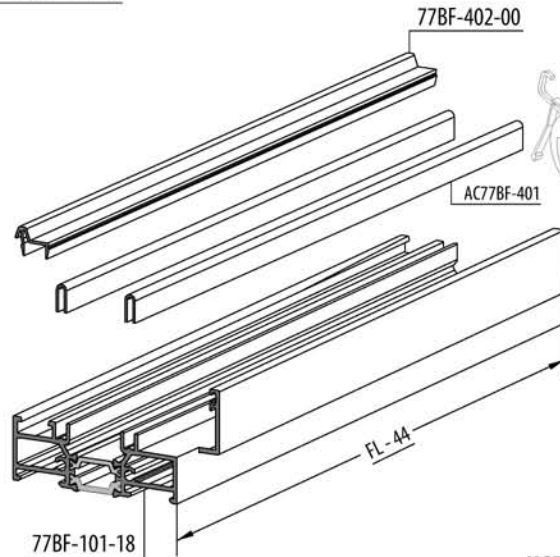
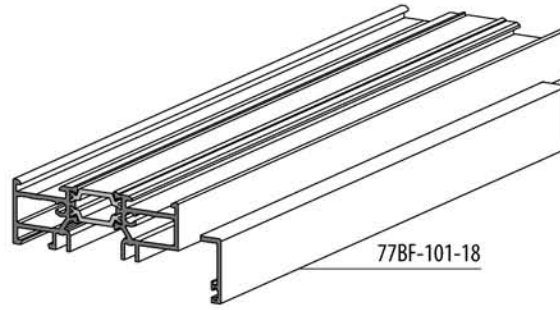
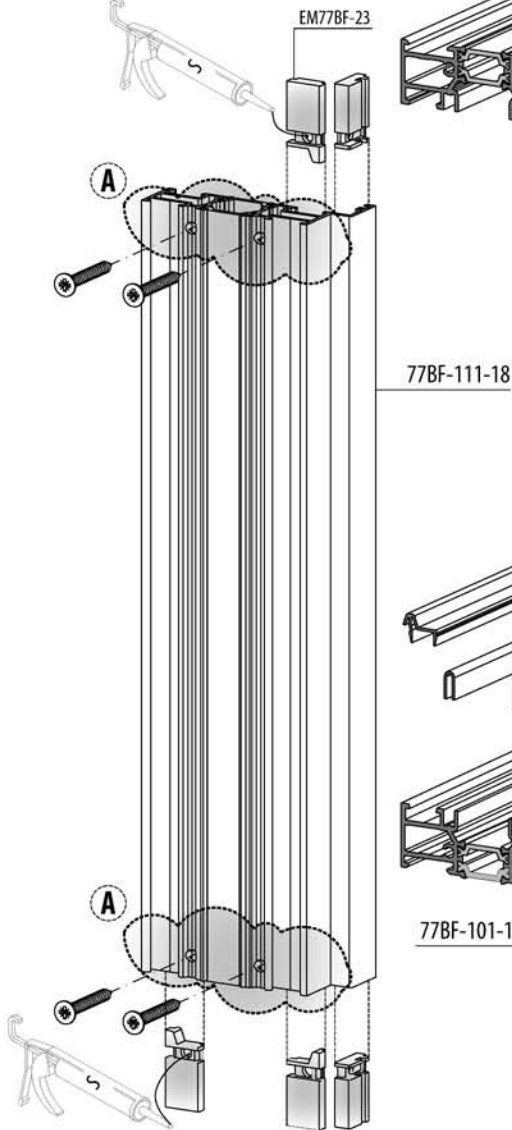
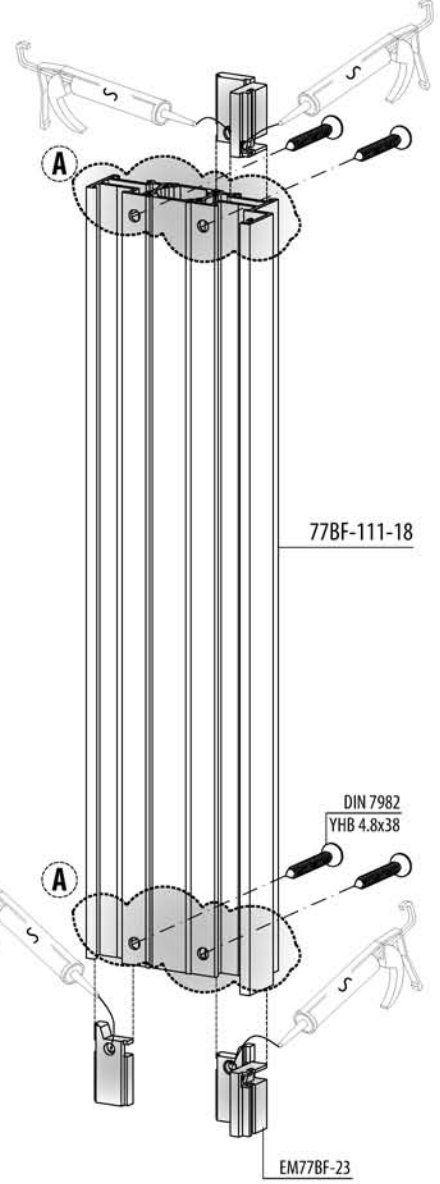
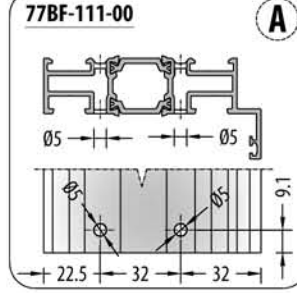
EM77BF-23
FRAME JOINT
INSULATION PLASTIC
KASA BİRLEŞİM
İZOLASYON PLASTİĞİ



LOWER HORIZONTAL FRAME
ALT YATAY KASA

77BF-101-18

DETAIL / DETAY

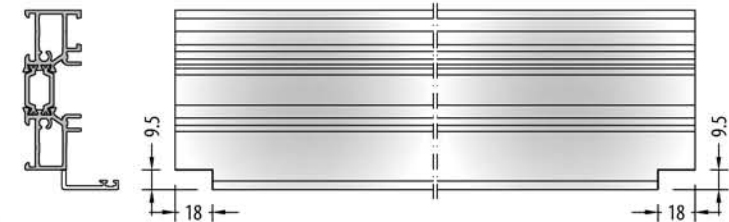


NOTCH / KERTME

77BF-101-18

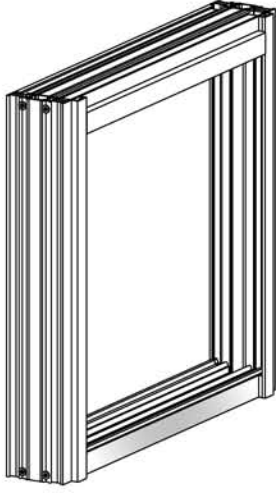
UPPER HORIZONTAL FRAME
ÜST YATAY KASA

LOWER HORIZONTAL FRAME
ALT YATAY KASA



FRAME ASSEMBLY / KASA UYGULAMA

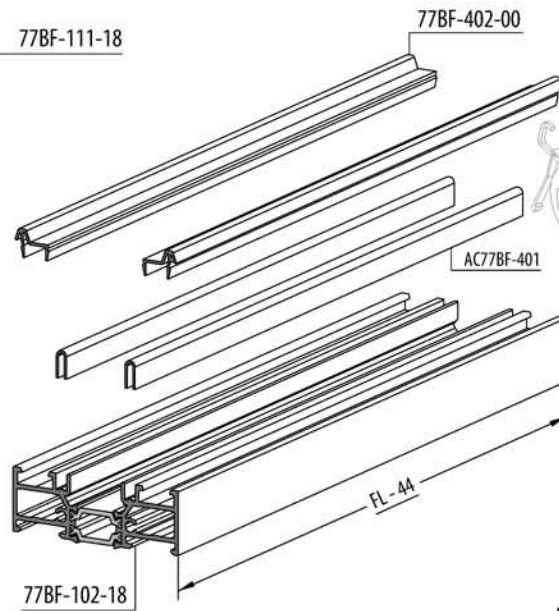
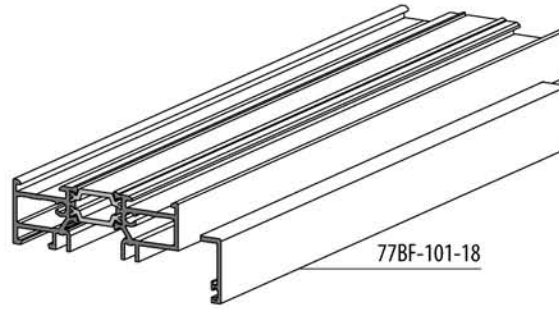
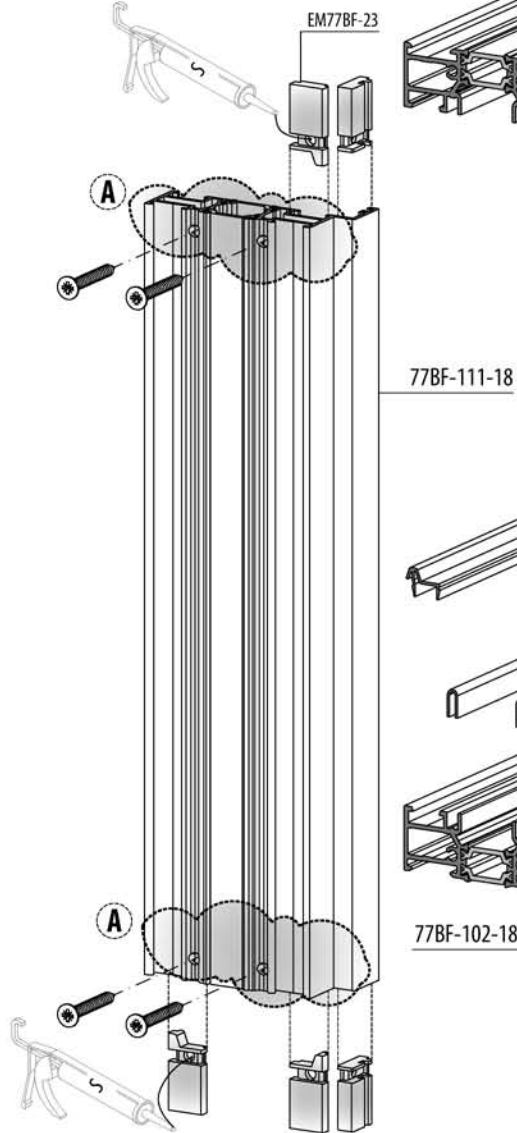
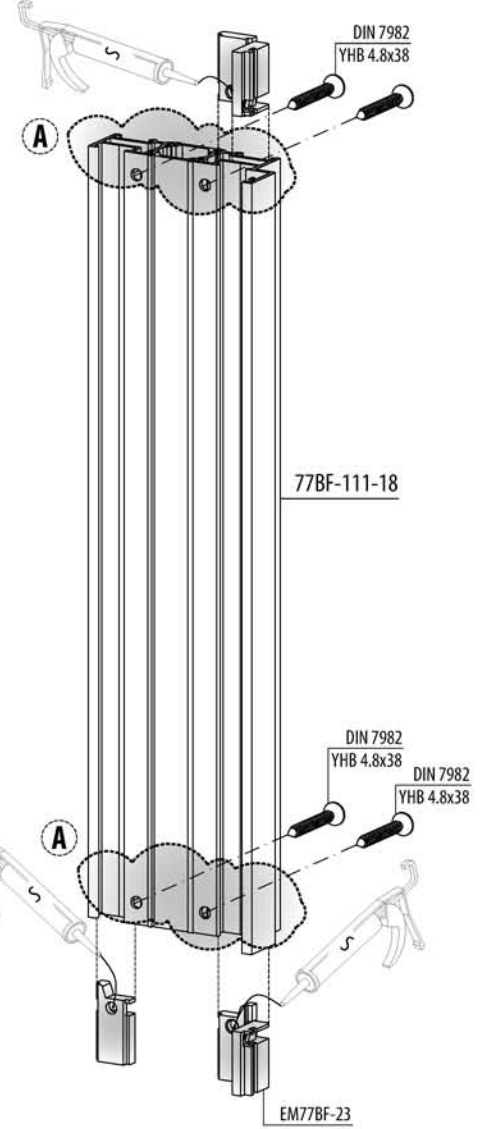
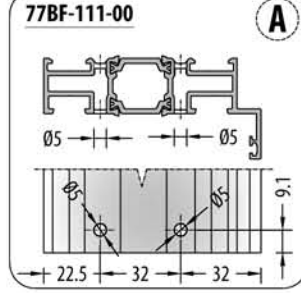
EM77BF-23
 FRAME JOINT
 INSULATION PLASTIC
 KASA BİRLEŞİM
 İZOLASYON PLASTİĞİ



LOWER HORIZONTAL FRAME
 ALT YATAY KASA

77BF-102-18

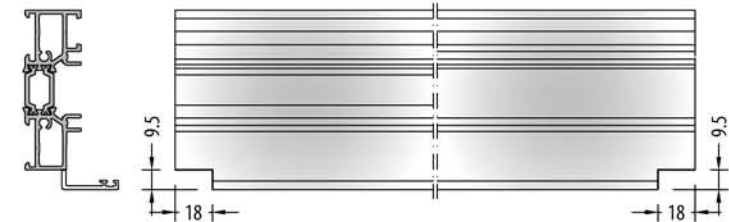
DETAIL / DETAY



NOTCH / KERTME

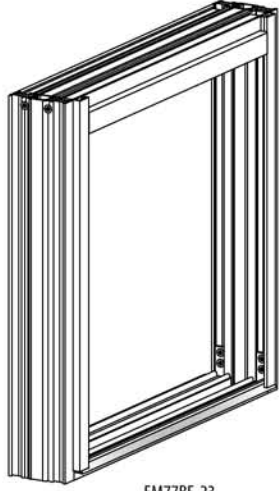
77BF-101-18

UPPER HORIZONTAL FRAME
 ÜST YATAY KASA



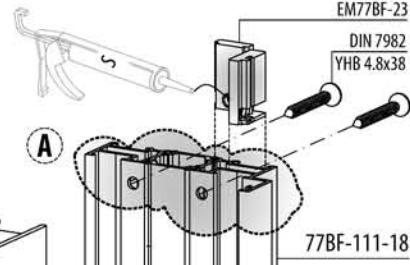
FRAME ASSEMBLY / KASA UYGULAMA

EM77BF-23
FRAME JOINT
INSULATION PLASTIC
KASA BİRLEŞİM
İZOLASYON PLASTIĞI



LOWER HORIZONTAL FRAME
ALT YATAY KASA

77BF-103-18

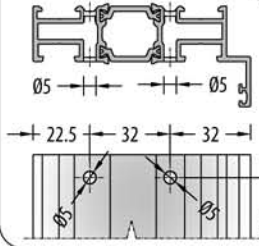


EM77BF-23
DIN 7982
YHB 4.8x38

77BF-111-18

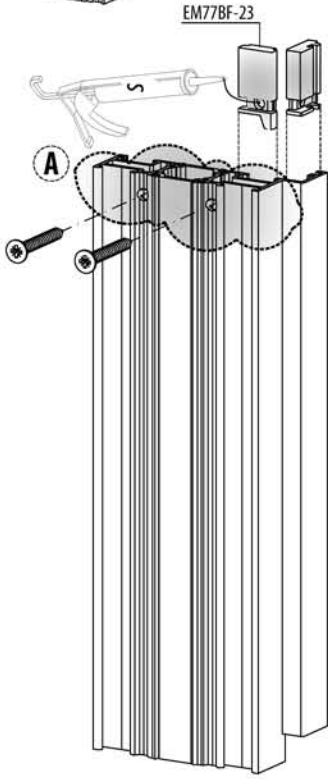
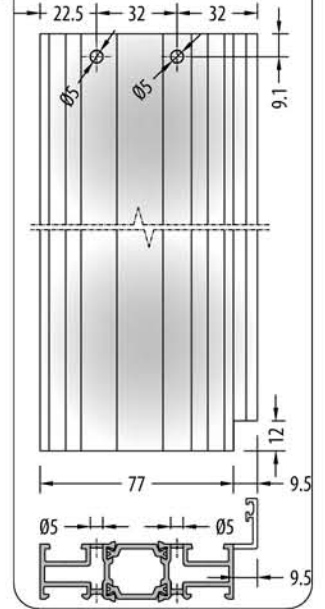
DETAIL / DETAY

77BF-111-00



NOTCH / KERTME

77BF-111-00



EM77BF-23

77BF-101-18

77BF-402-00

AC77BF-401

77BF-103-18

FL-44

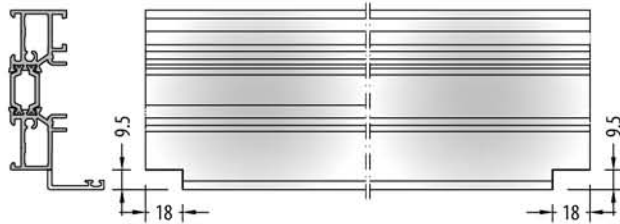
YHB 4.8x16
DIN 7982
CA77BF-103

Blind Riverts
Pop Perçin
4.8

NOTCH / KERTME

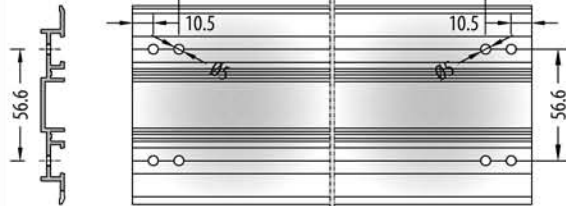
77BF-101-18

UPPER HORIZONTAL FRAME
ÜST YATAY KASA



77BF-103-00

LOWER HORIZONTAL XXXX
ALT YATAY XXX



ADJUSTMENT ADAPTER PROFILE / AYAR ADAPTÖR PROFİLİ

77BF-401-18

EM77BF-23
FRAME JOINT
INSULATION PLASTIC
KASA BİRLEŞİM
İZOLASYON PLASTIĞI



AC77BF-411
FRAME ADJUSTING PLATE
KASA AYAR PARÇASI

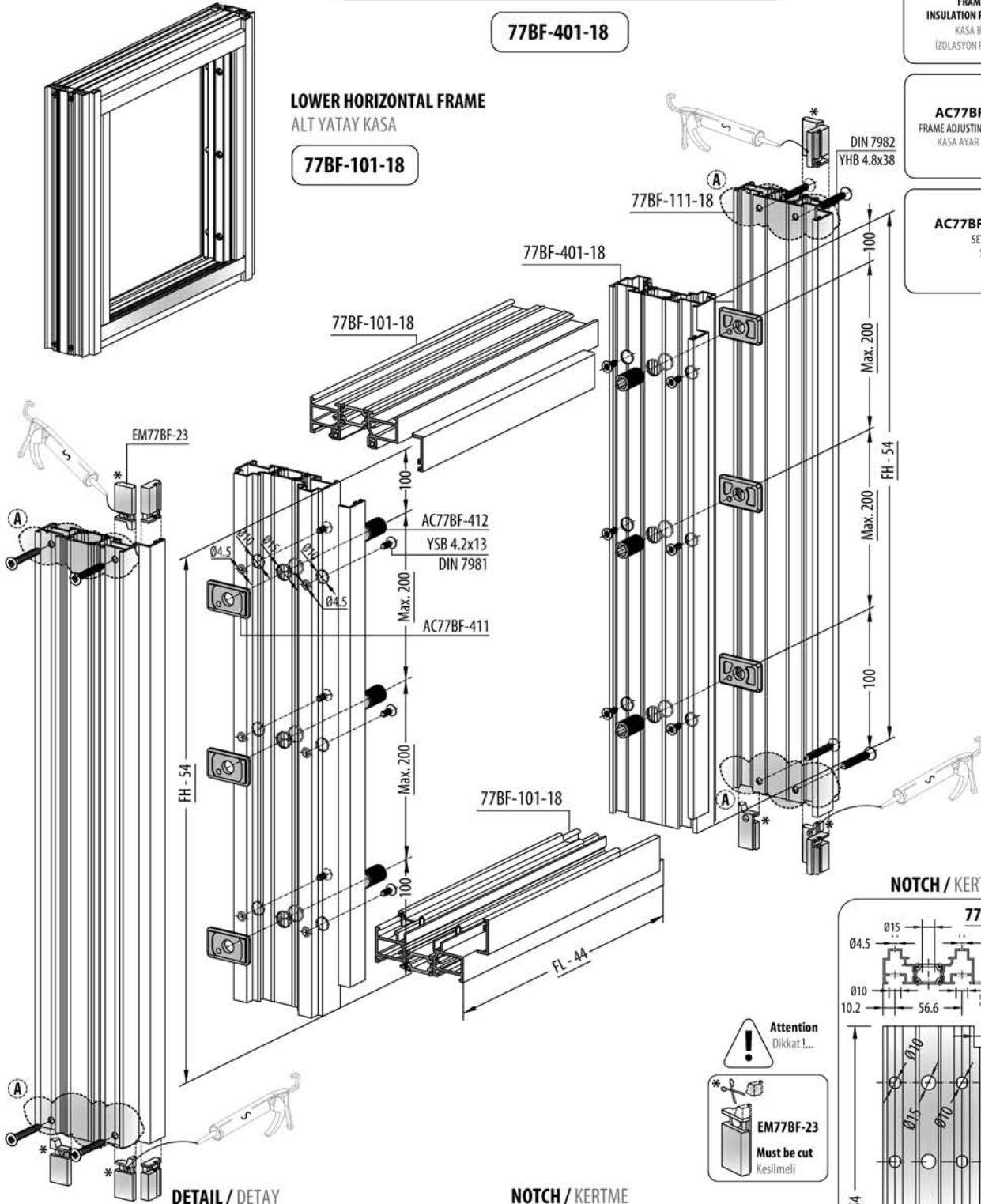


AC77BF-412
SET SCREW
SETSKÜR

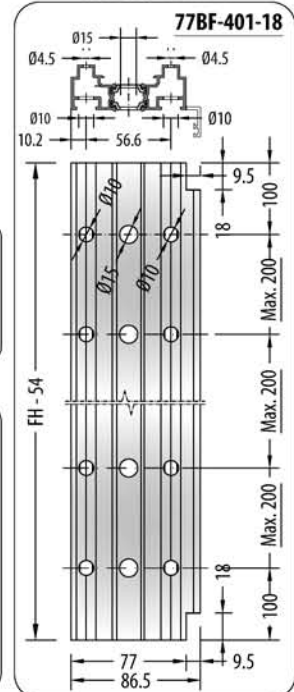


LOWER HORIZONTAL FRAME
ALT YATAY KASA

77BF-101-18



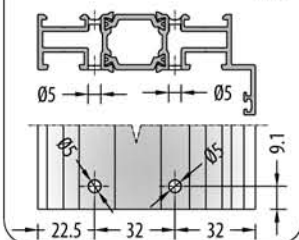
NOTCH / KERTME



DETAIL / DETAY

77BF-111-00

A

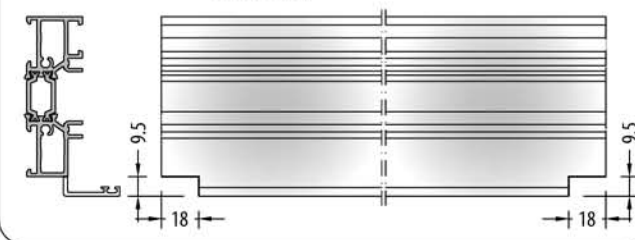


NOTCH / KERTME

77BF-101-18

UPPER HORIZONTAL FRAME
ÜST YATAY KASA

LOWER HORIZONTAL FRAME
ALT YATAY KASA



ADJUSTMENT ADAPTER PROFILE / AYAR ADAPTÖR PROFİLİ

77BF-401-18

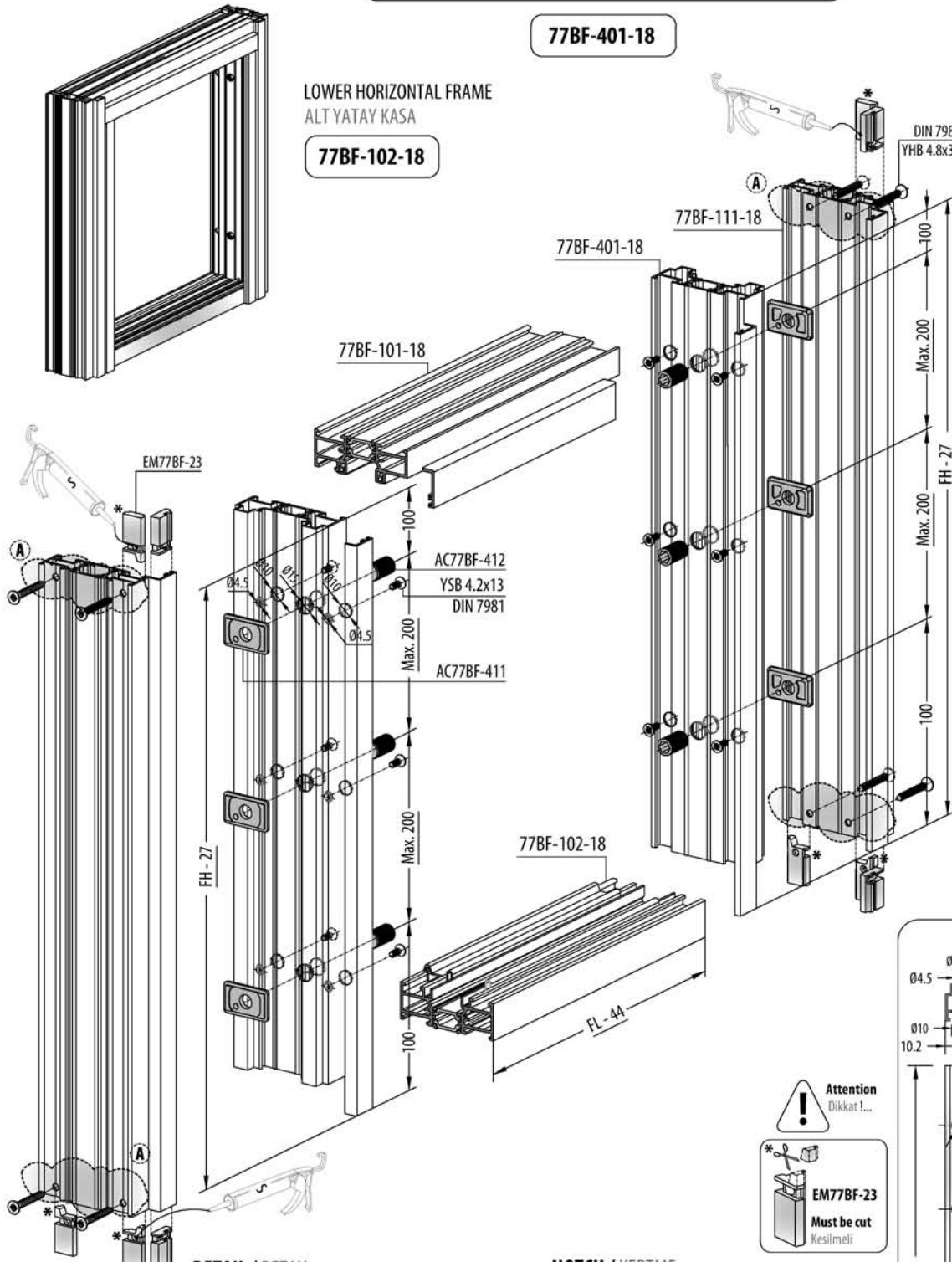
EM77BF-23
FRAME JOINT
INSULATION PLASTIC
KASA BİRLEŞİM
İZOLASYON PLASTIĞI

AC77BF-411
FRAME ADJUSTING PLATE
KASA AYAR PARÇASI

AC77BF-412
SET SCREW
SETSKUR

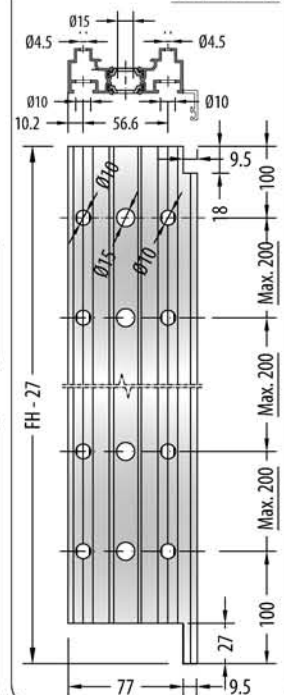
LOWER HORIZONTAL FRAME
ALT YATAY KASA

77BF-102-18



NOTCH / KERTME

77BF-401-18



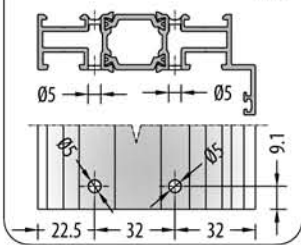
Attention
Dikkat! ...

EM77BF-23
Must be cut
Kesilmeli

DETAIL / DETAY

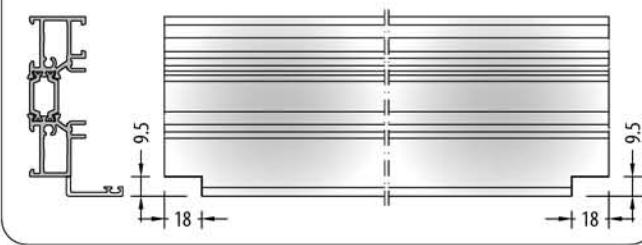
77BF-111-00

A



NOTCH / KERTME

77BF-101-18



ADJUSTMENT ADAPTER PROFILE / AYAR ADAPTÖR PROFİLİ

77BF-401-18

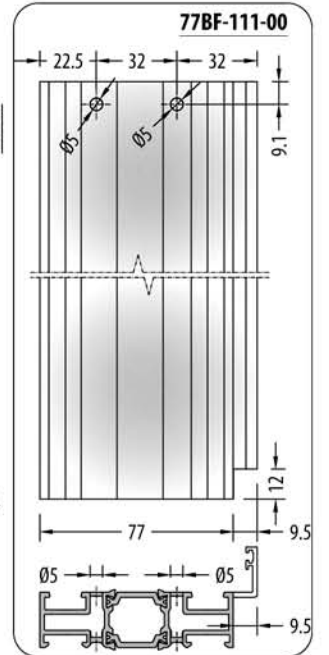
LOWER HORIZONTAL FRAME
ALT YATAY KASA

77BF-103-00



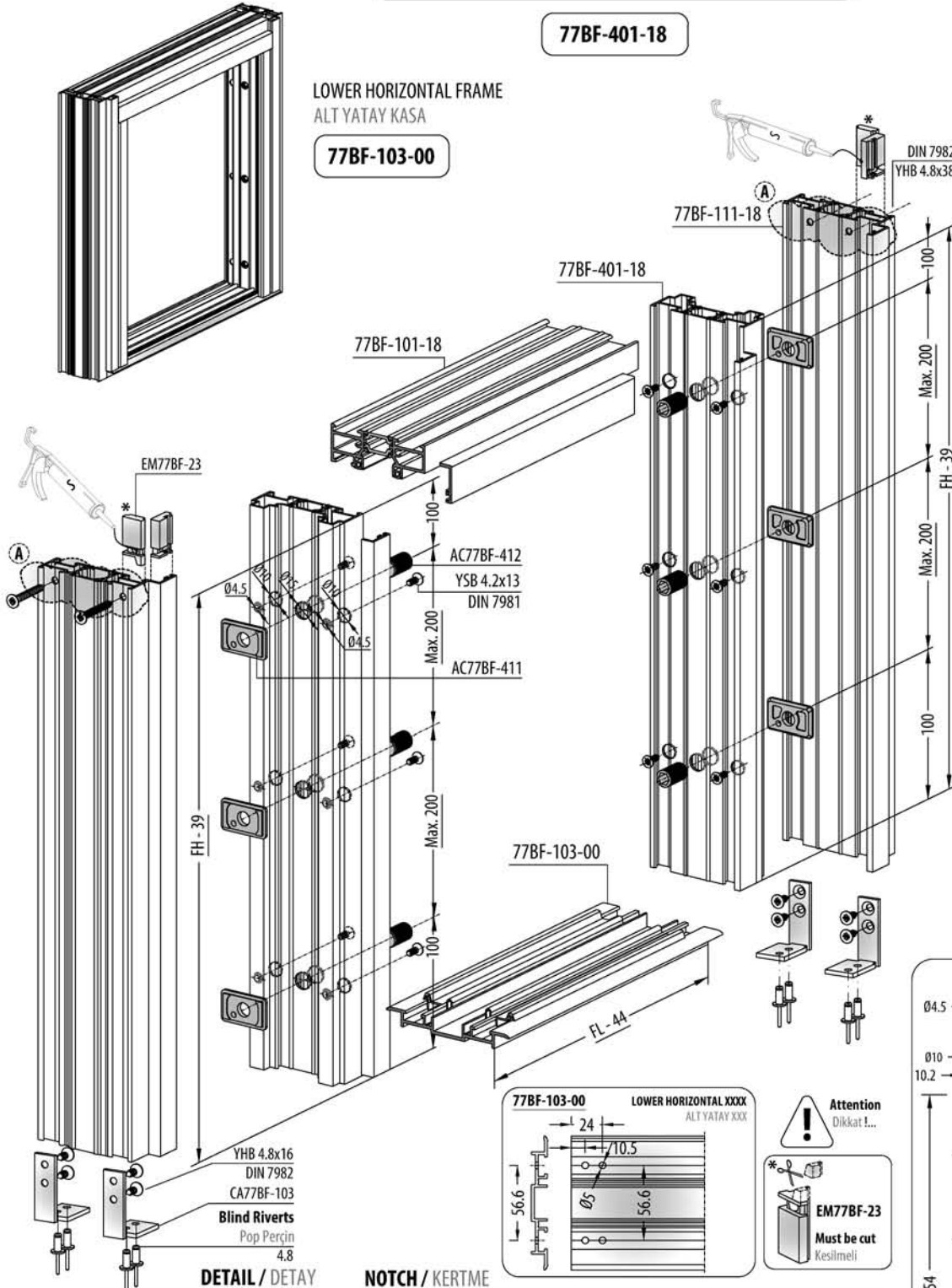
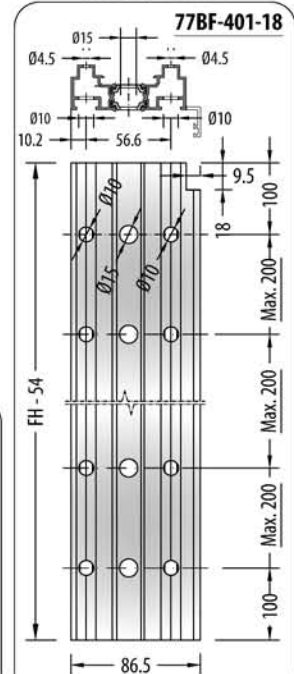
NOTCH / KERTME

77BF-111-00



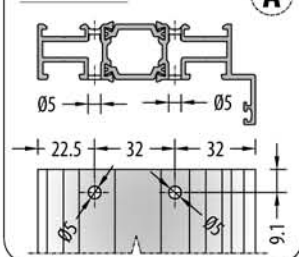
NOTCH / KERTME

77BF-401-18



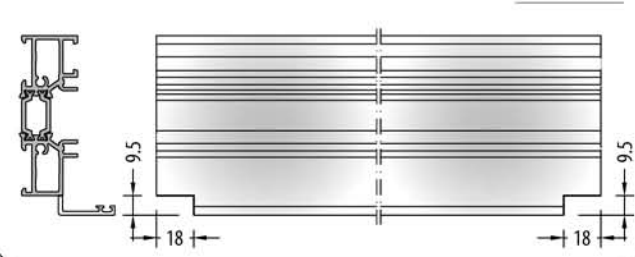
77BF-111-00

A



NOTCH / KERTME

77BF-101-18



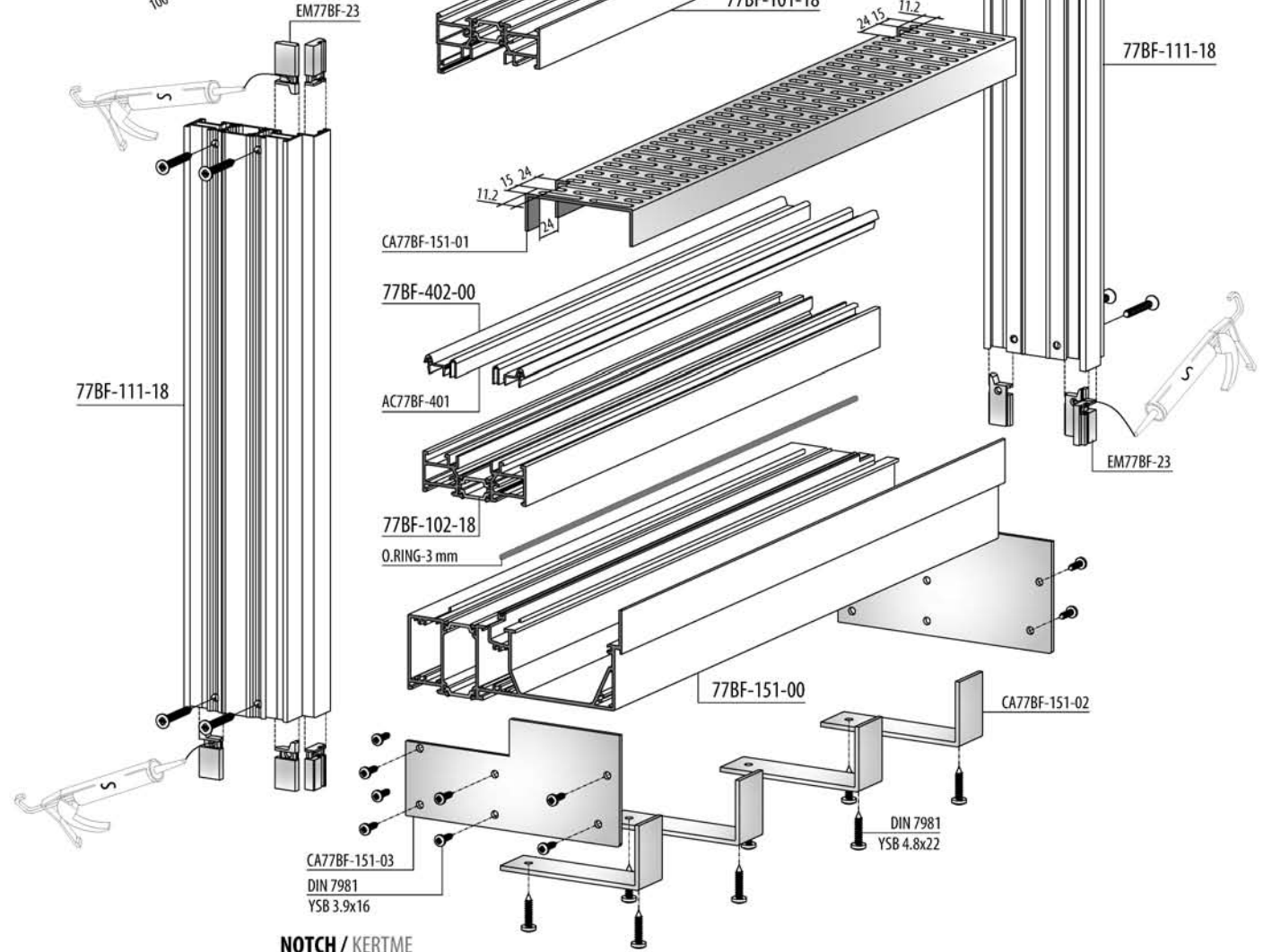
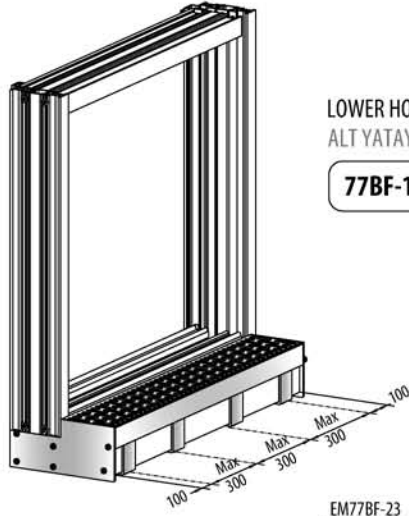
FRAME ASSEMBLY / KASA UYGULAMA

INWARD OPENING / İÇE
AÇILIR

LOWER HORIZONTAL FRAME
ALT YATAY KASA

77BF-102-18 / 77BF-151-18

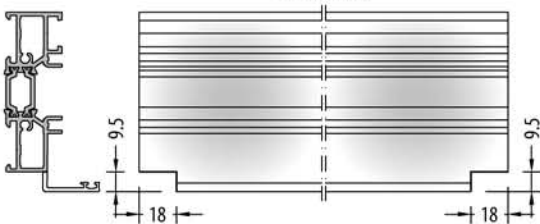
EM77BF-23
FRAME JOINT
INSULATION PLASTIC
KASA BİRLEŞİM
İZOLASYON PLASTIĞI



NOTCH / KERTME

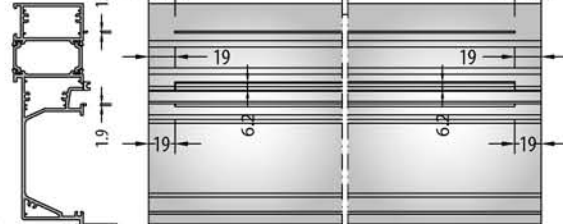
77BF-101-18

UPPER HORIZONTAL FRAME
ÜST YATAY KASA



77BF-151-00

LOWER HORIZONTAL FRAME
ALT YATAY KASA



FRAME ASSEMBLY / KASA UYGULAMA

OUTWARD OPENING / DIŐA
AÇILIR

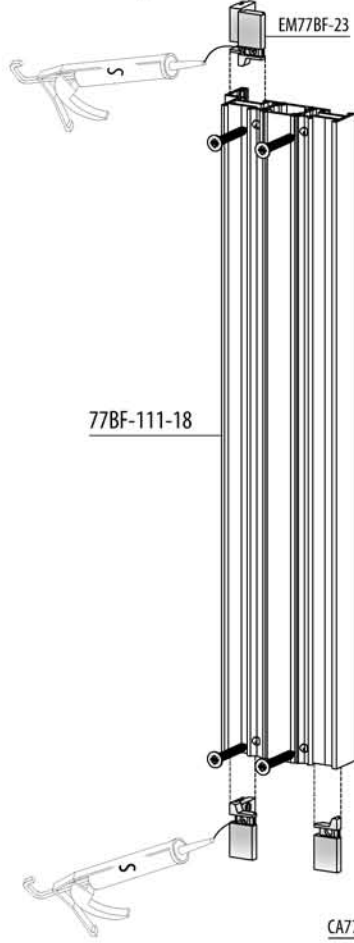
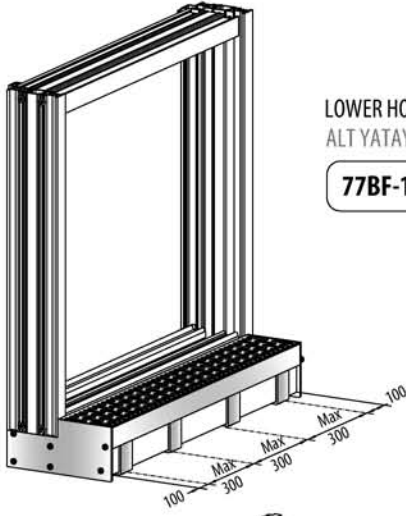
LOWER HORIZONTAL FRAME
ALT YATAY KASA

77BF-102-18 / 77BF-151-18

EM77BF-23
FRAME JOINT
INSULATION PLASTIC
KASA BİRLEŐİM
İZOLASYON PLASTIĐI

DIN 7982
YHB 4.8x38

77BF-111-18



77BF-402-00

AC77BF-401

77BF-102-18

O.RING-3 mm

77BF-151-00

CA77BF-151-02

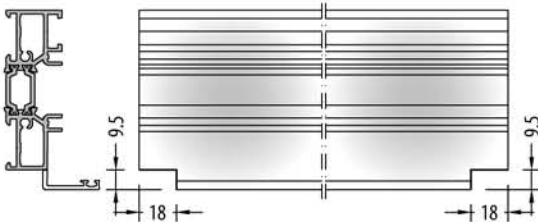
DIN 7981
YSB 4.8x22

CA77BF-151-03
DIN 7981
YSB 3.9x16

NOTCH / KERTME

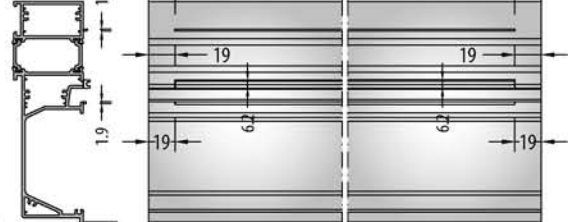
77BF-101-18

UPPER HORIZONTAL FRAME
ÜST YATAY KASA



77BF-151-00

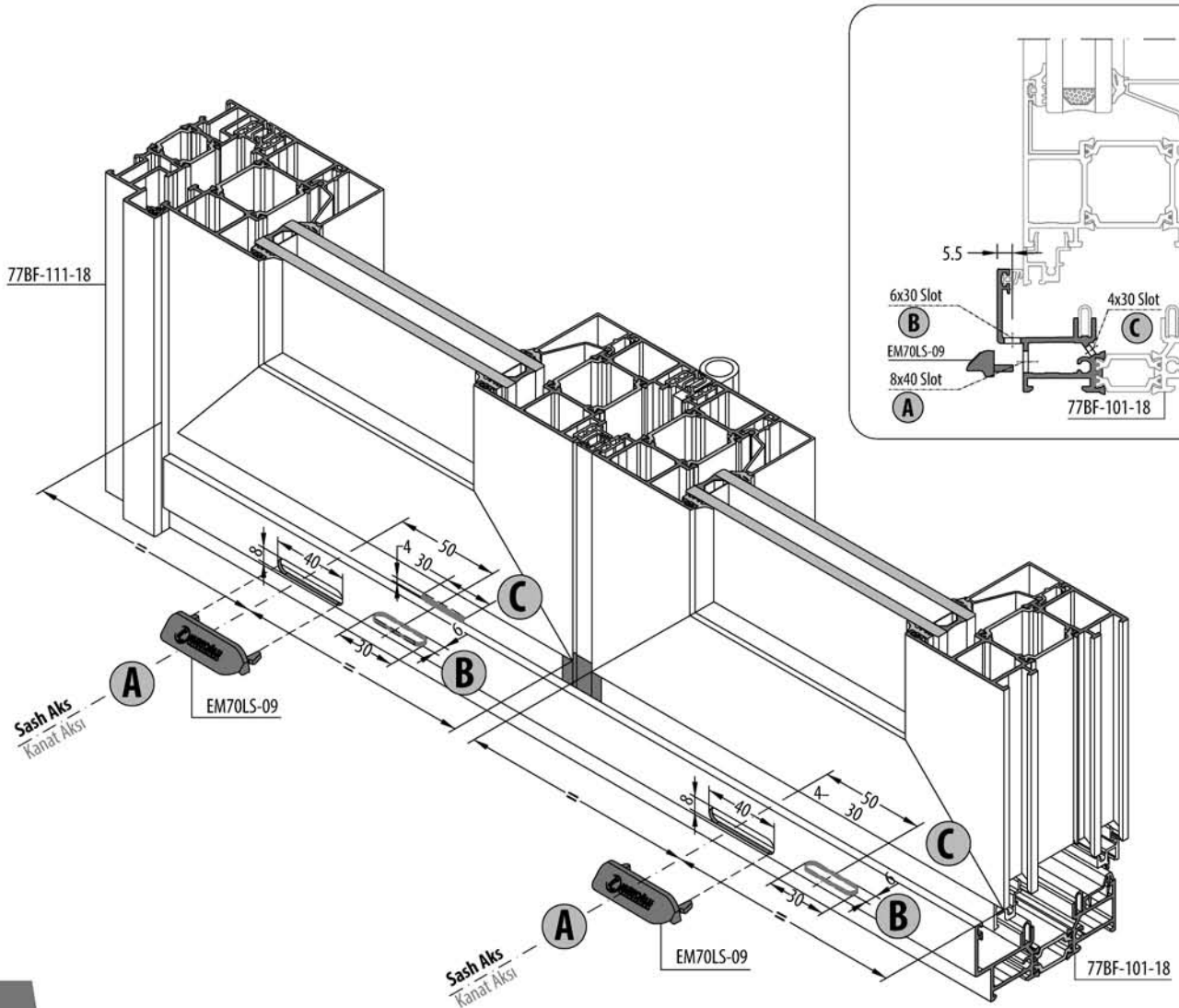
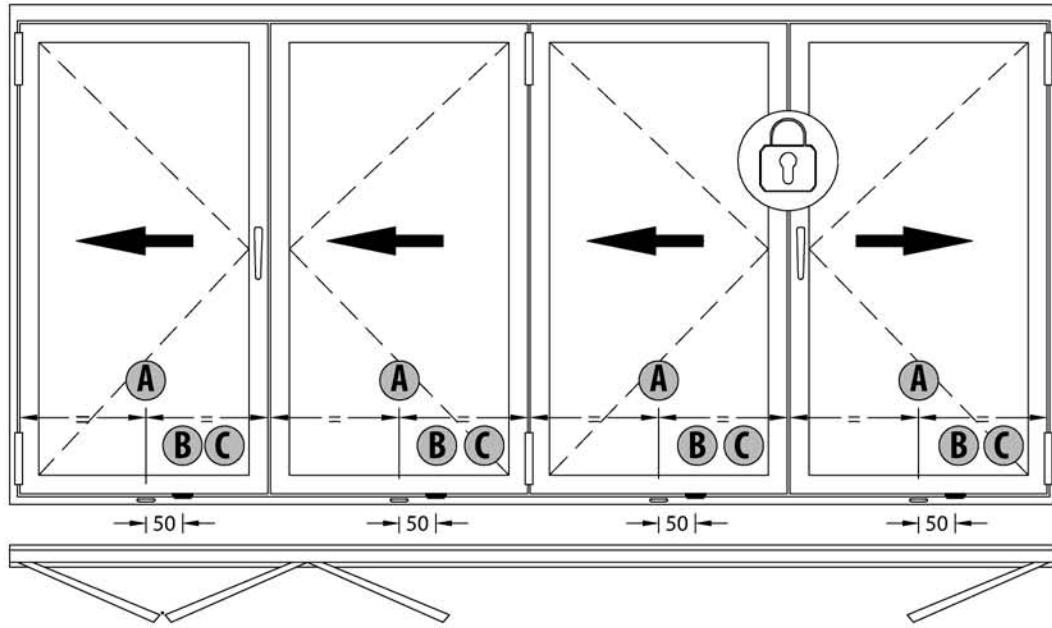
LOWER HORIZONTAL FRAME
ALT YATAY KASA



FRAME WATER DRANAIGE / KASA TAHLİYE

77BF-101-18

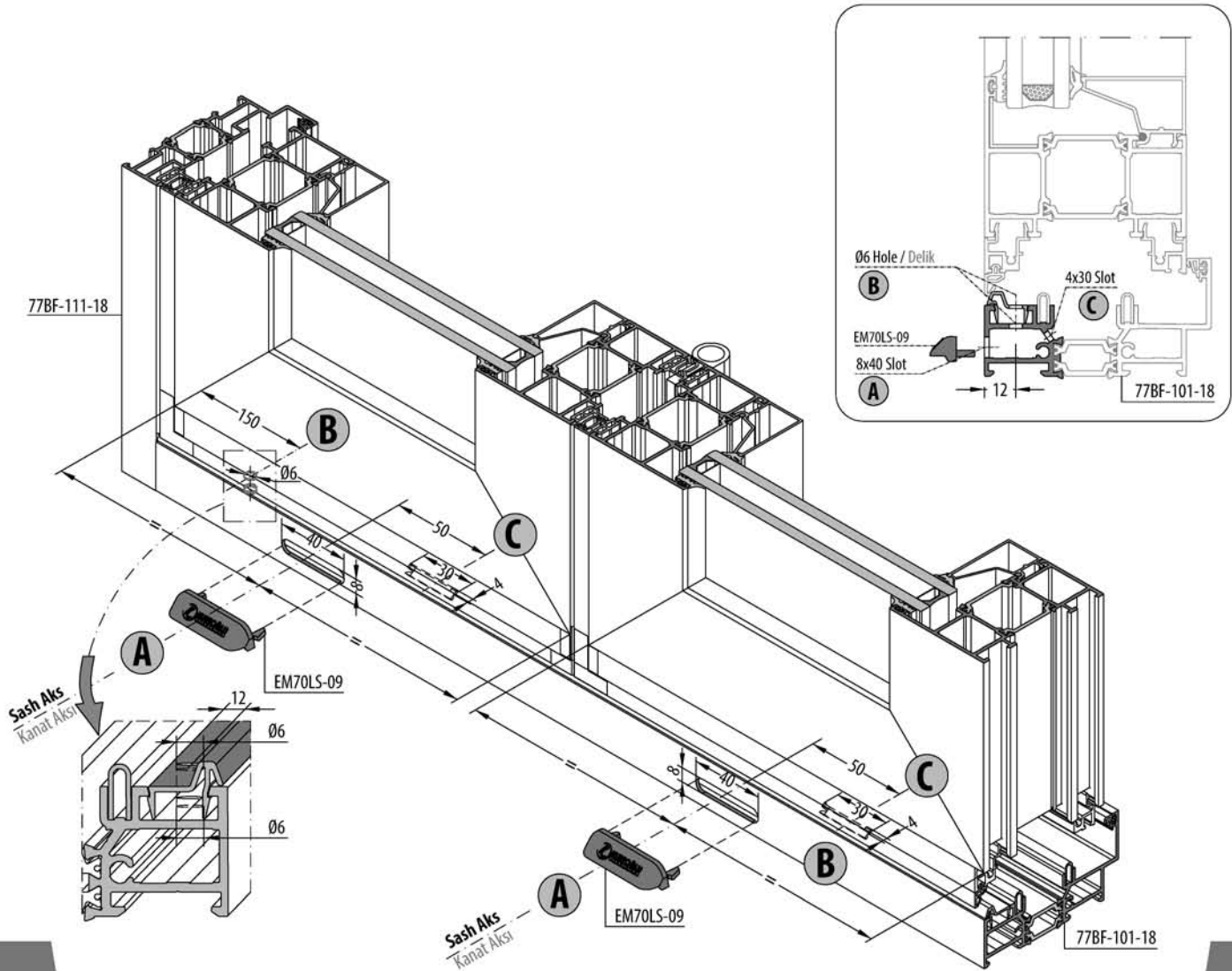
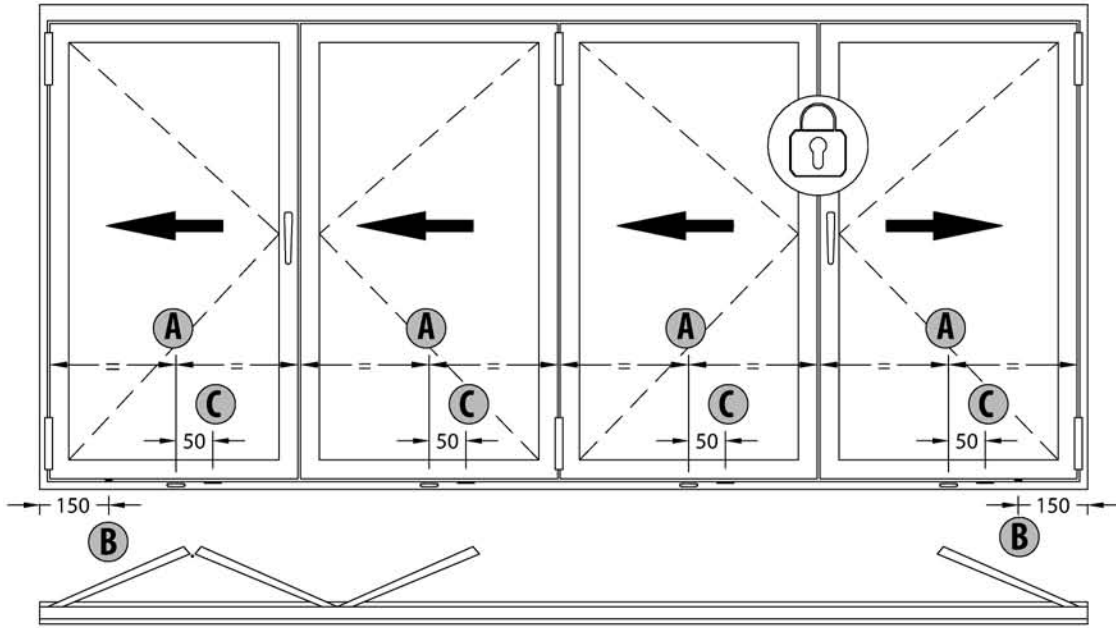
INWARD OPENING / İÇE AÇILIR



FRAME WATER DRANAIGE / KASA TAHLİYE

77BF-101-18

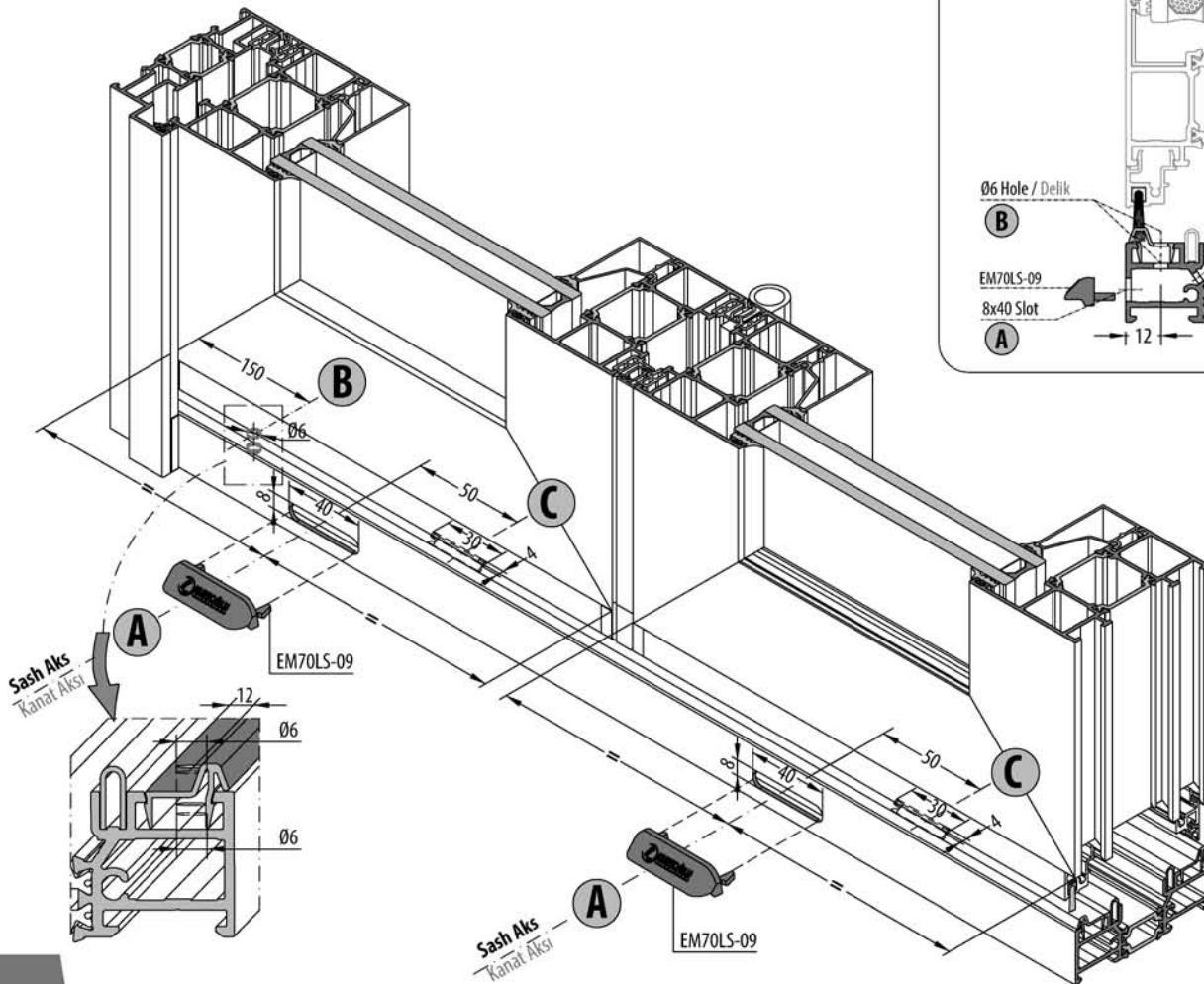
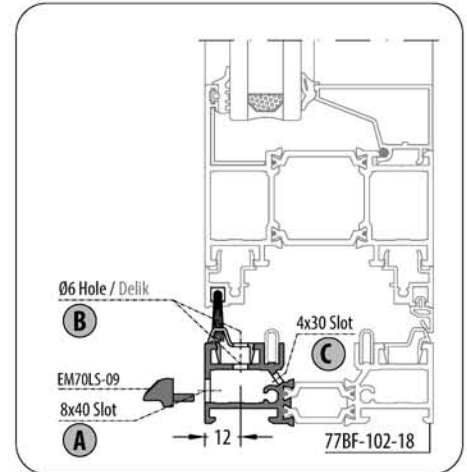
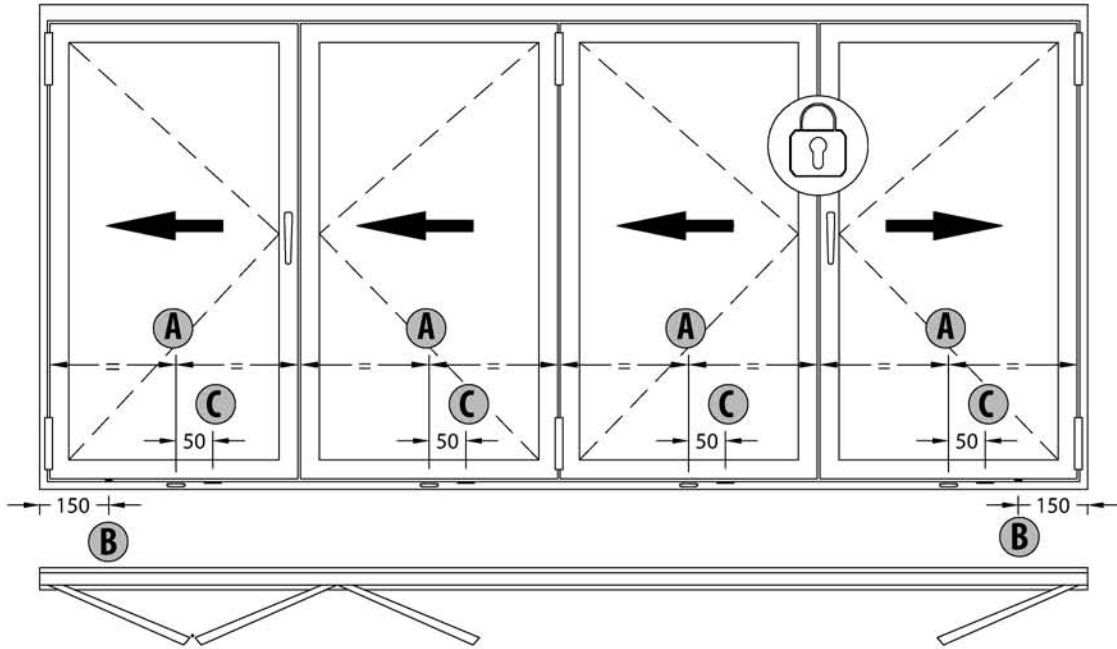
OUTWARD OPENING / DIŞA AÇILIR



FRAME WATER DRANAIGE / KASA TAHLİYE

77BF-102-18

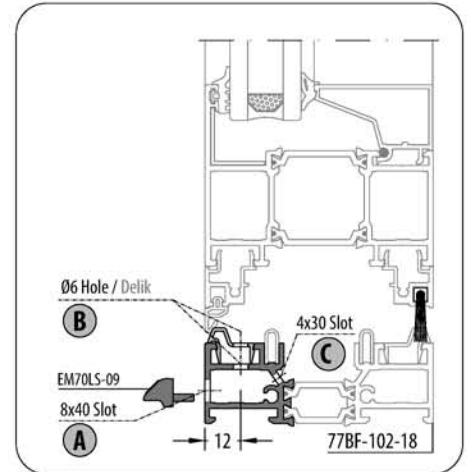
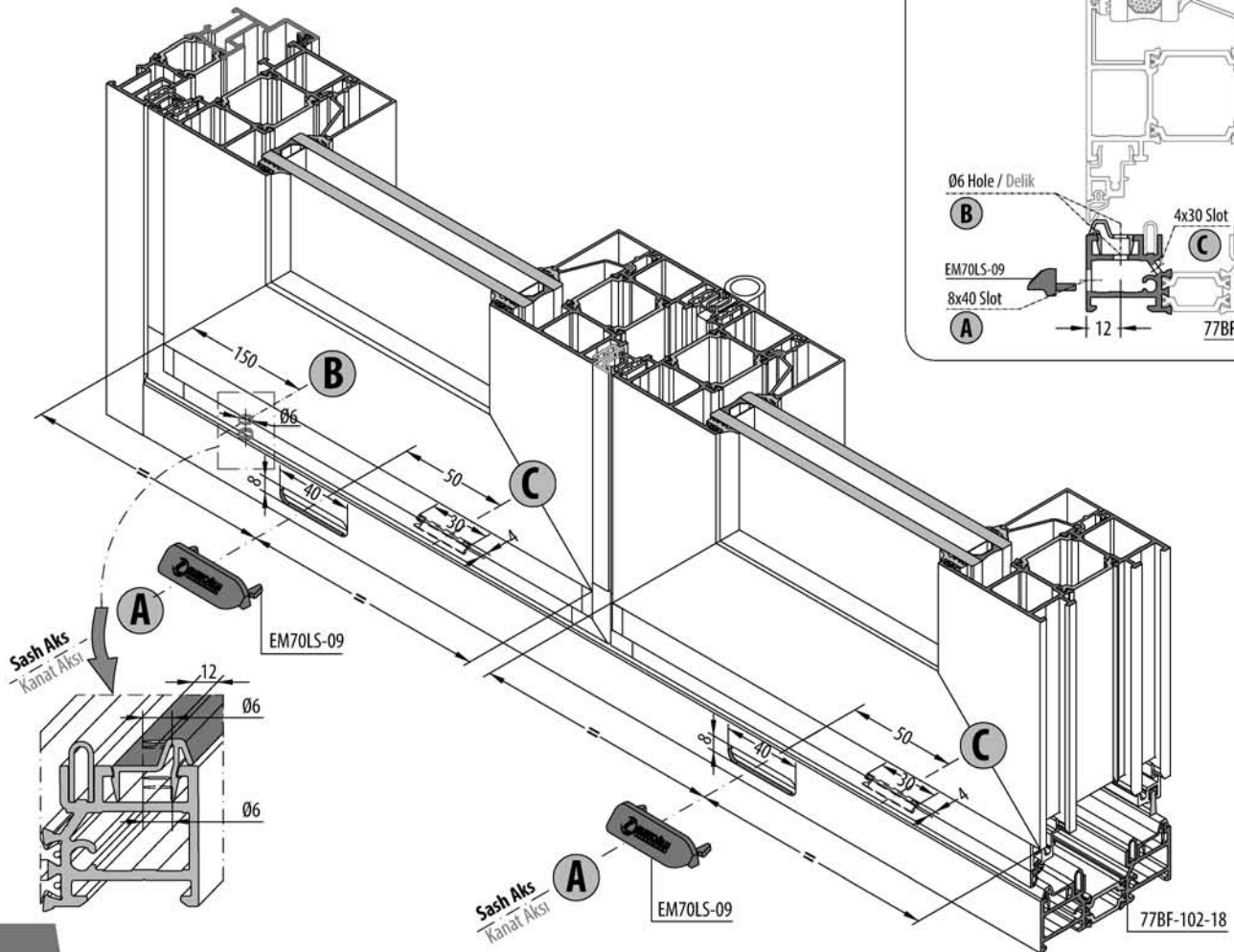
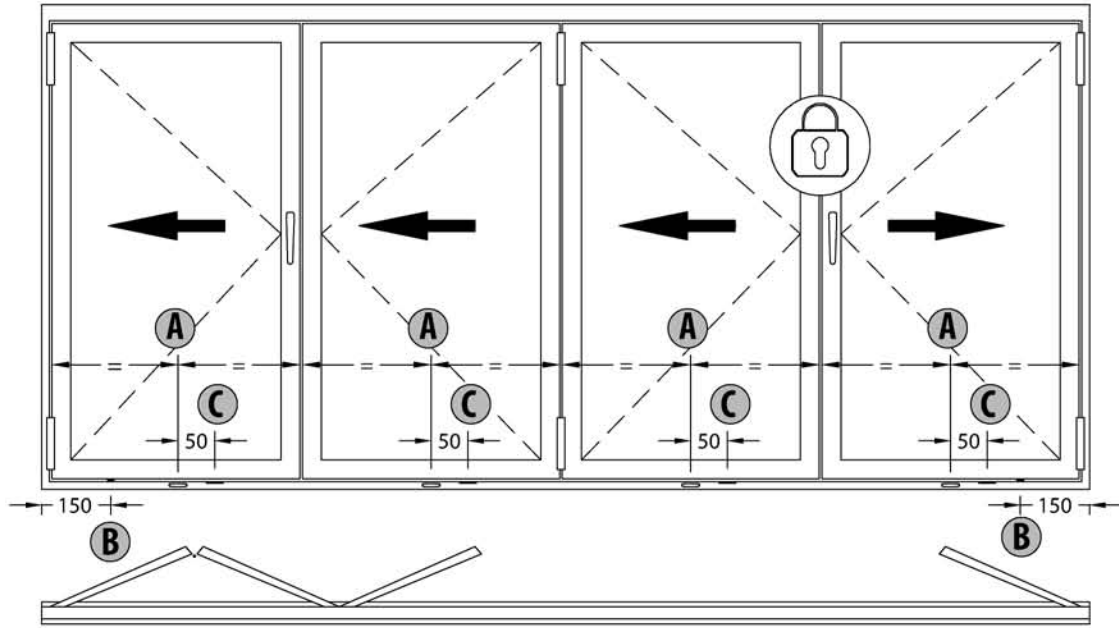
INWARD OPENING / İÇE AÇILIR



FRAME WATER DRANAIGE / KASA TAHLİYE

77BF-102-18

OUTWARD OPENING / DIŞA AÇILIR

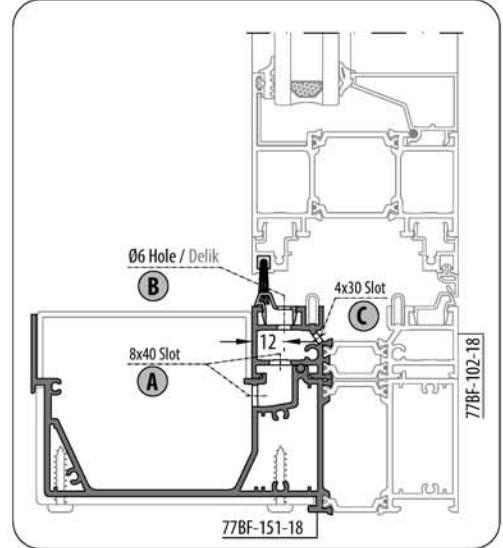
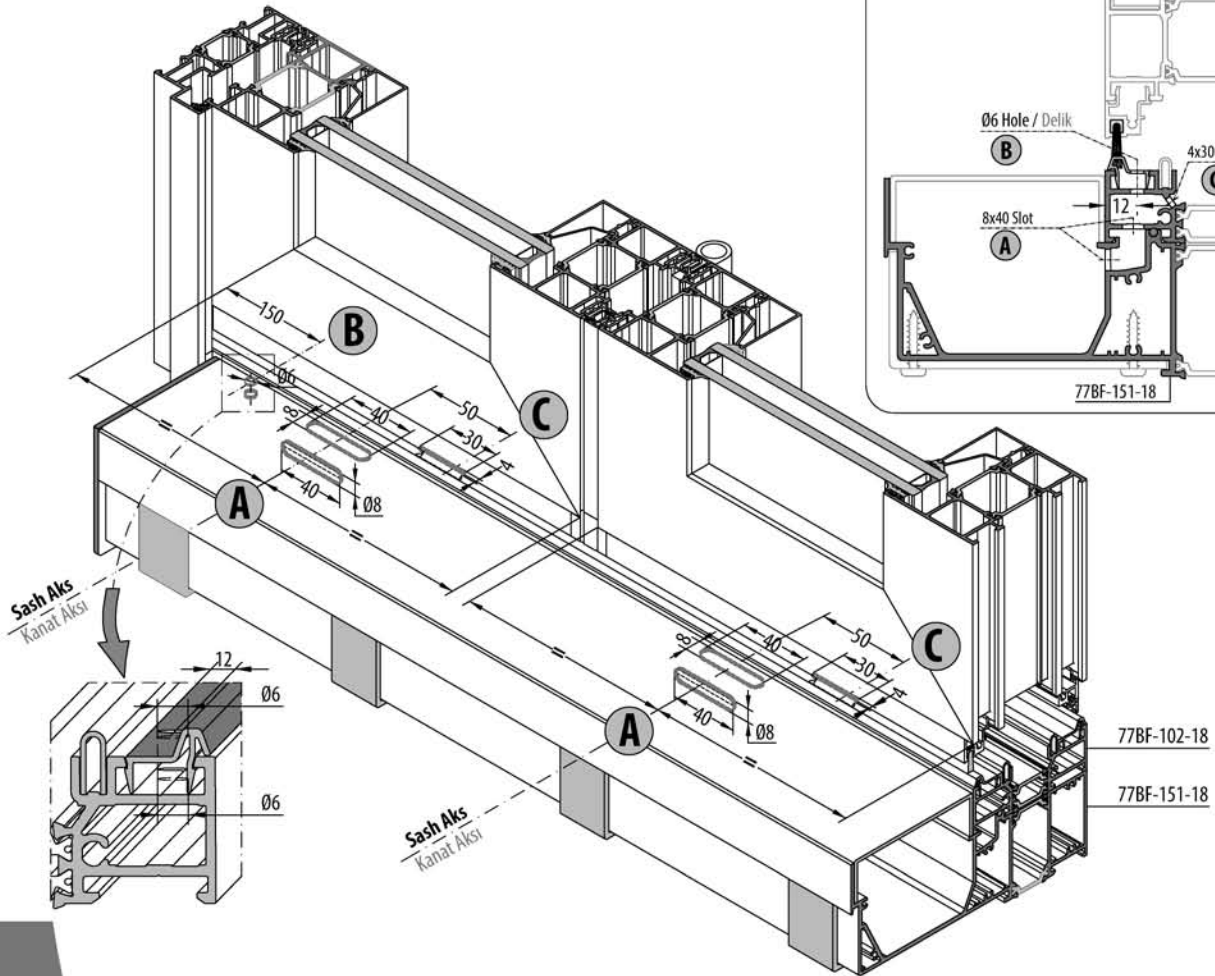
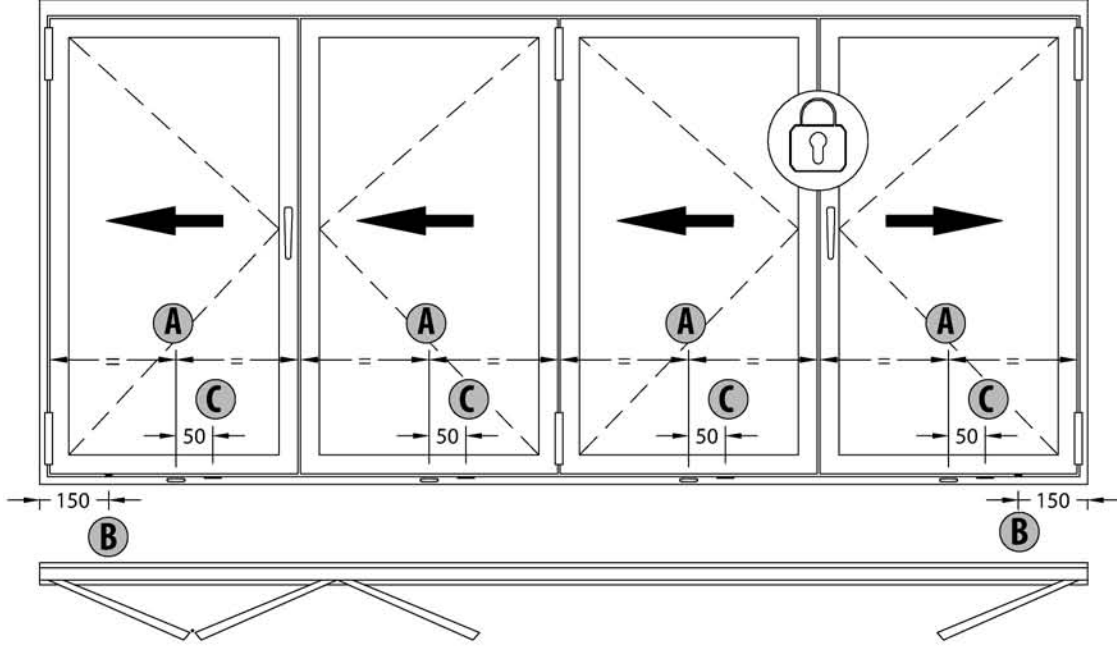


77BF-102-18

FRAME WATER DRANAIGE / KASA TAHLİYE

77BF-102-18 / 77BF-151-18

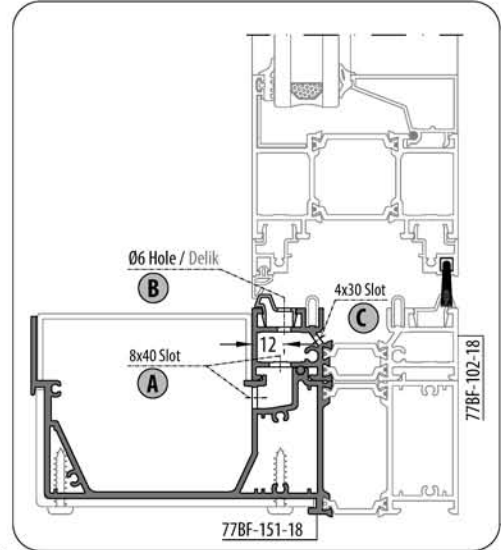
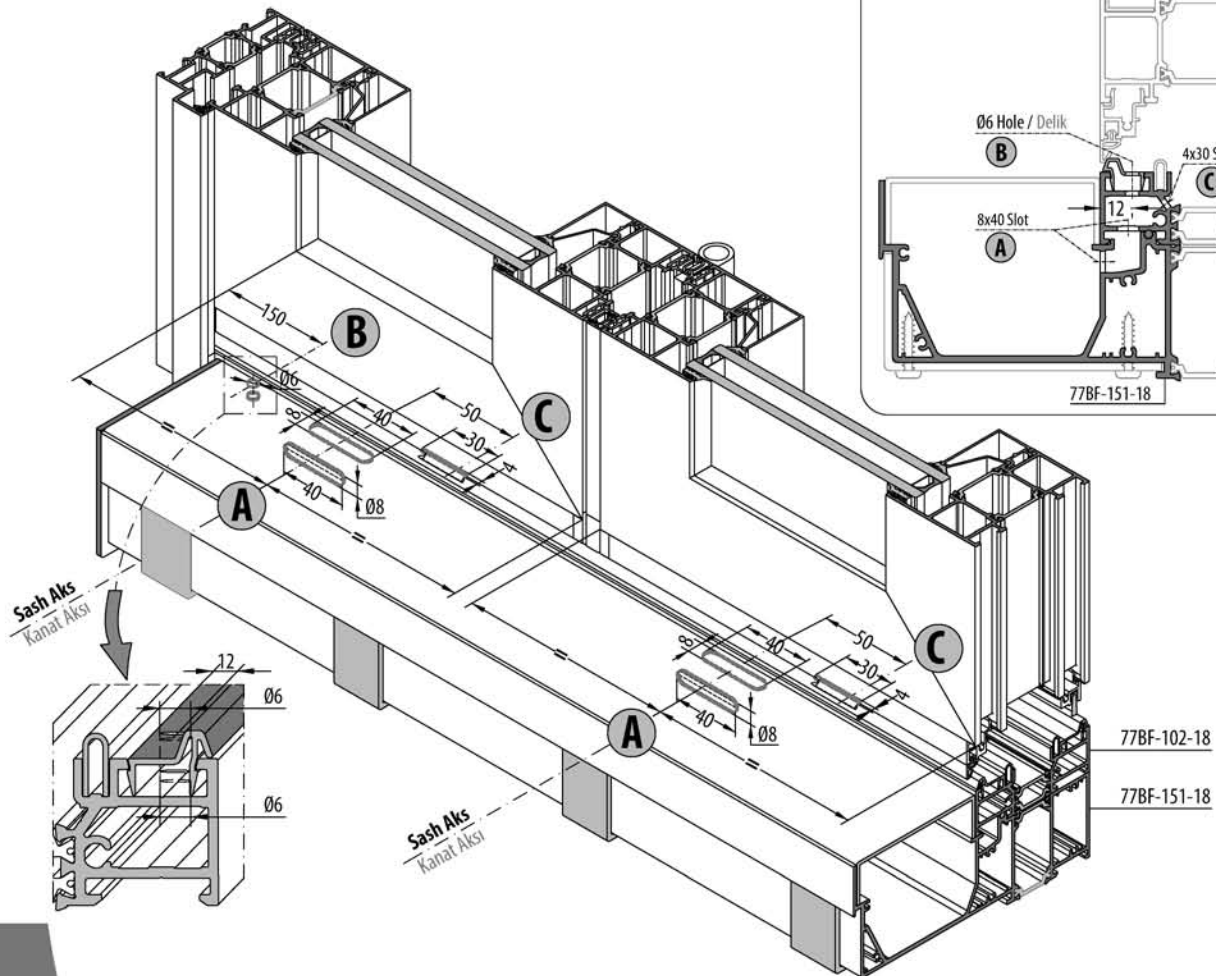
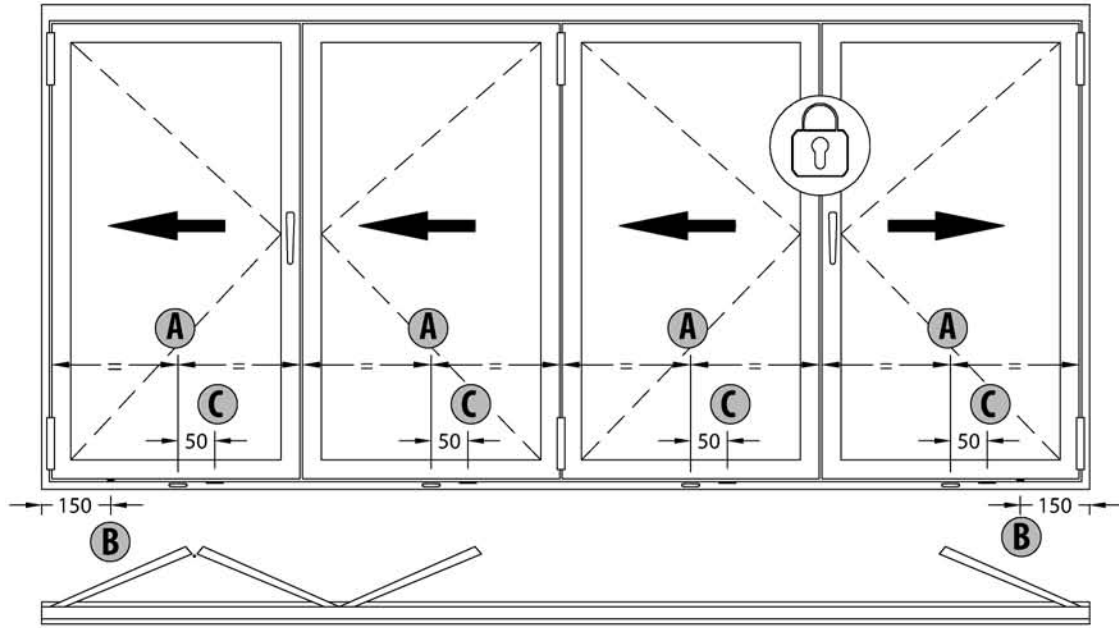
INWARD OPENING / İÇE AÇILIR



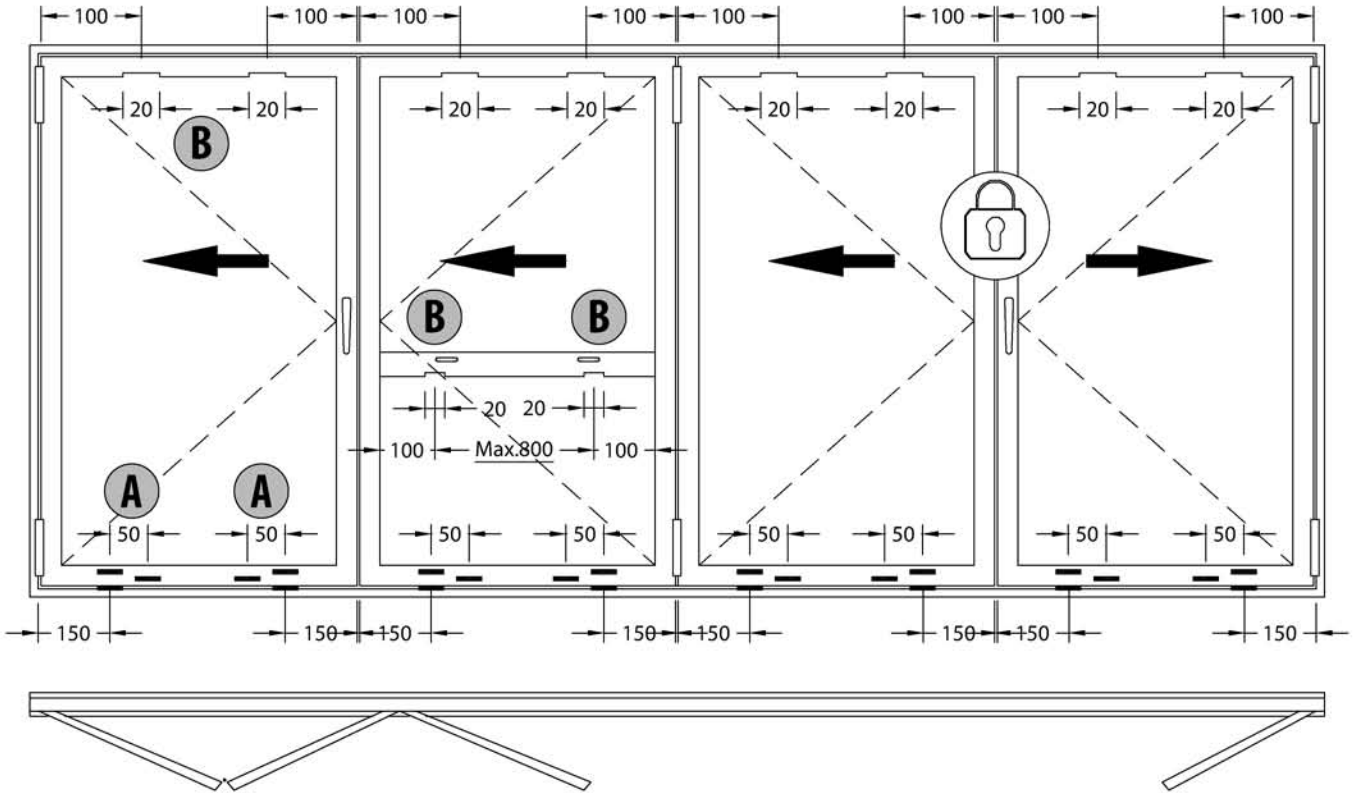
FRAME WATER DRANAIGE / KASA TAHLİYE

77BF-102-18 / 77BF-151-18

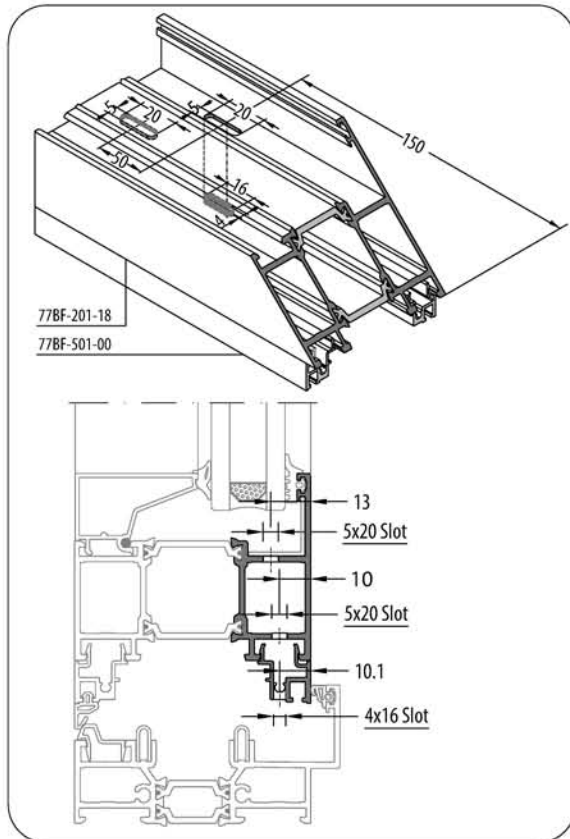
OUTWARD OPENING / DIŞA AÇILIR



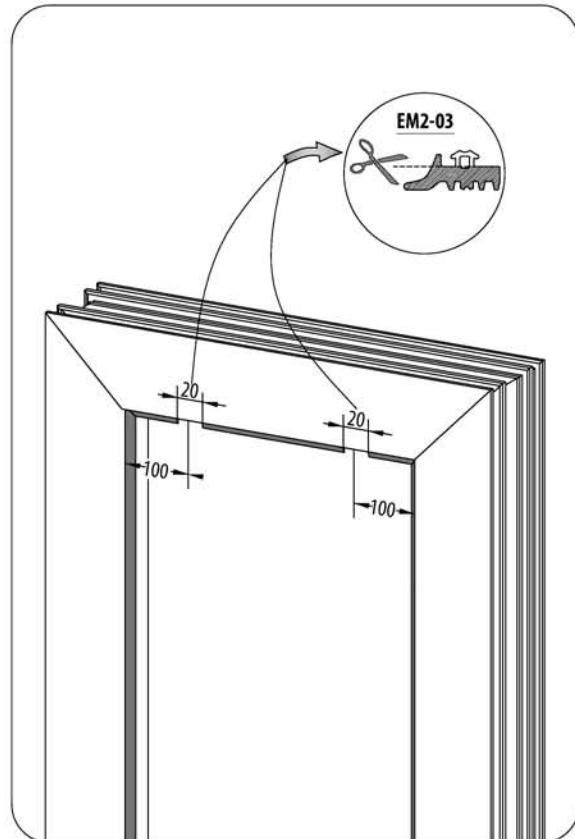
SASH WATER DRANAIGE / KANAT TAHLİYE



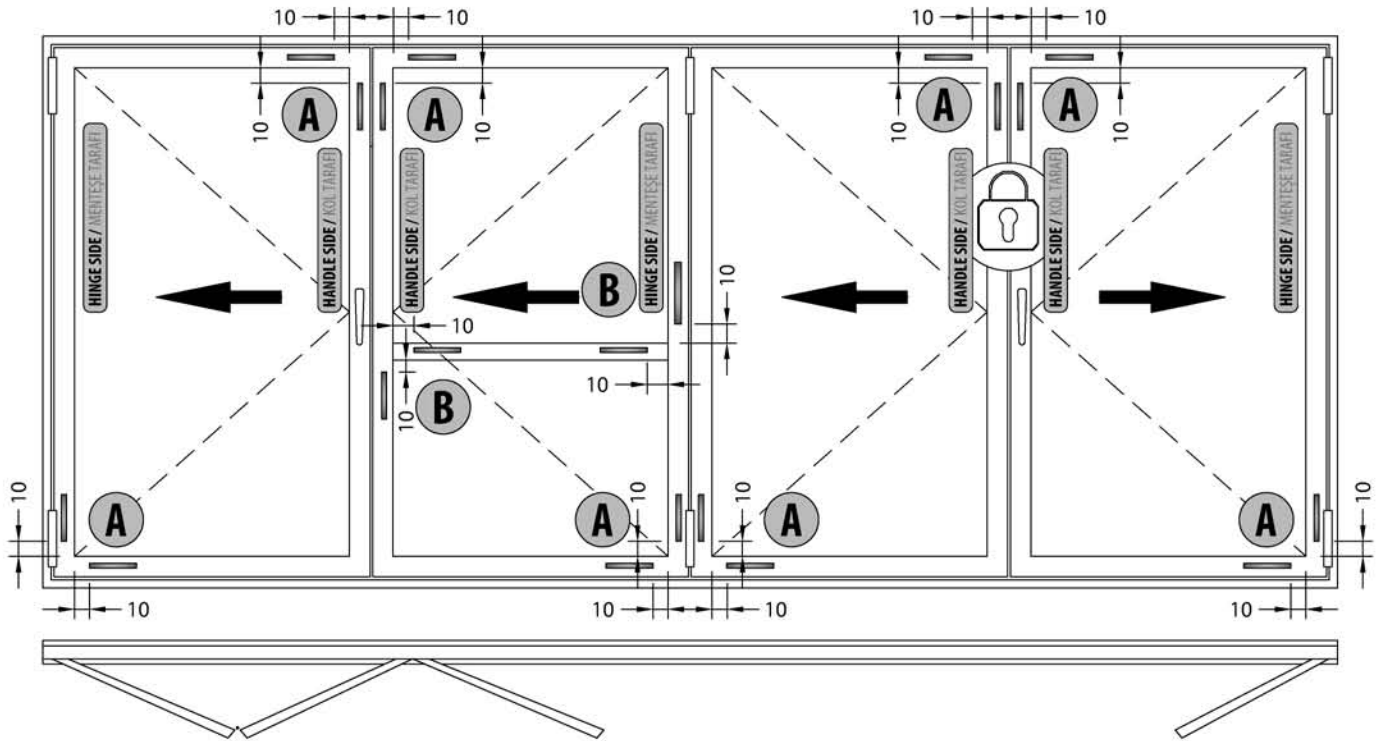
A SASH WATER DRANAIGE / KANAT TAHLİYE



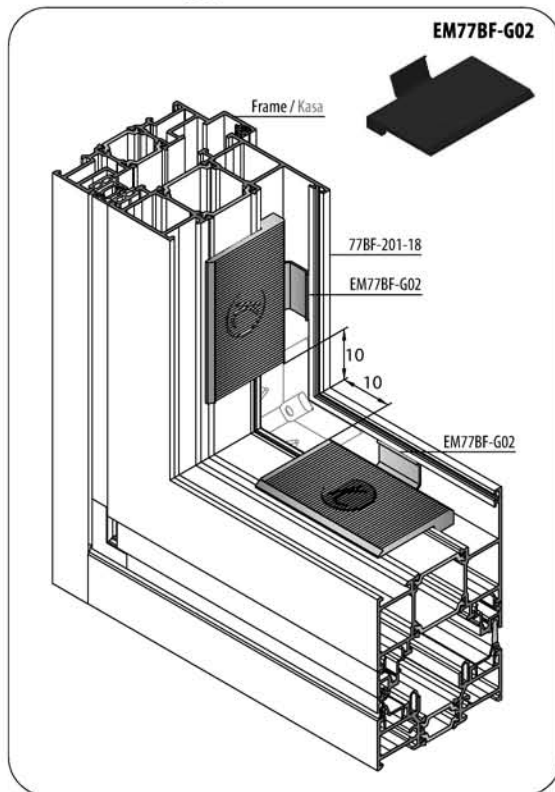
B PRESSURE EQUALIZER / BASINÇ DENGELEYİCİ



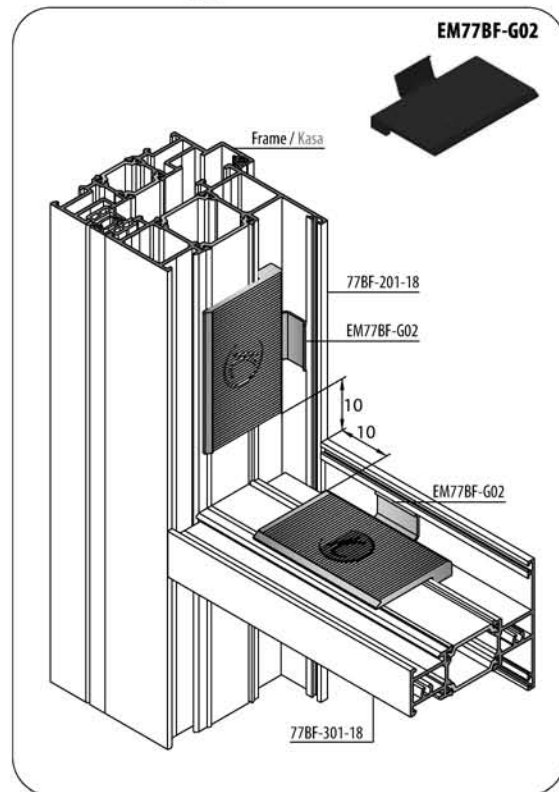
GLAZING SUPPORT METHOD / CAM TAKOZLAMA METODU



A SECTION / KESİTİ

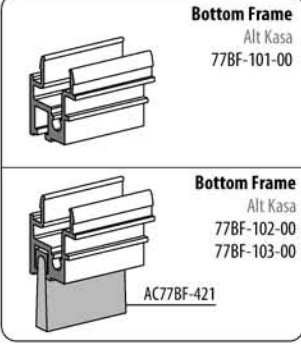
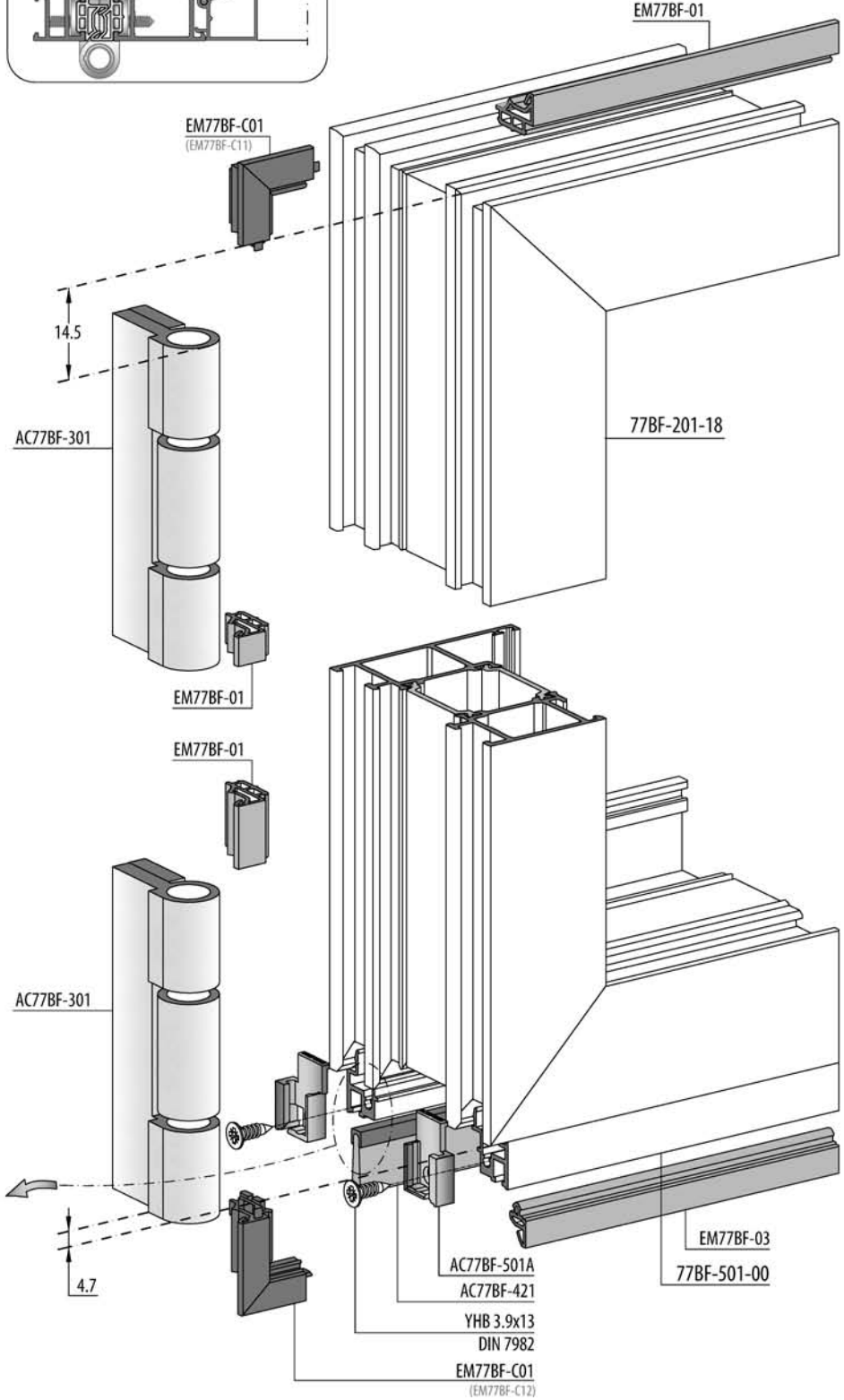
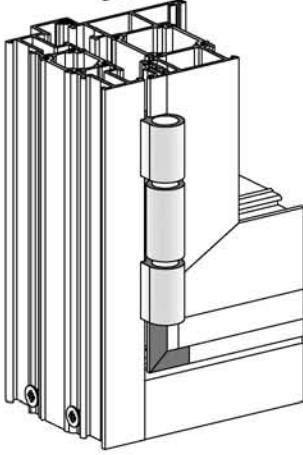
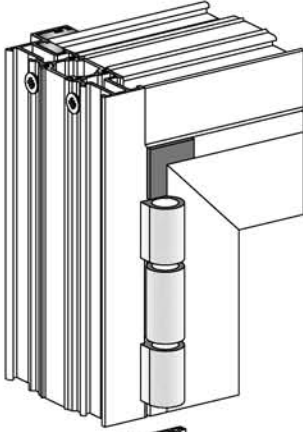
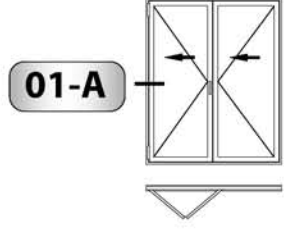
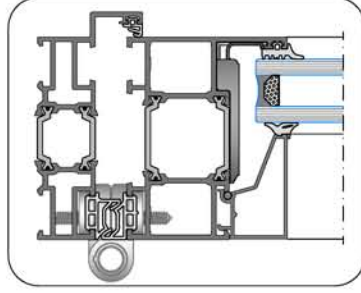


B SECTION / KESİTİ

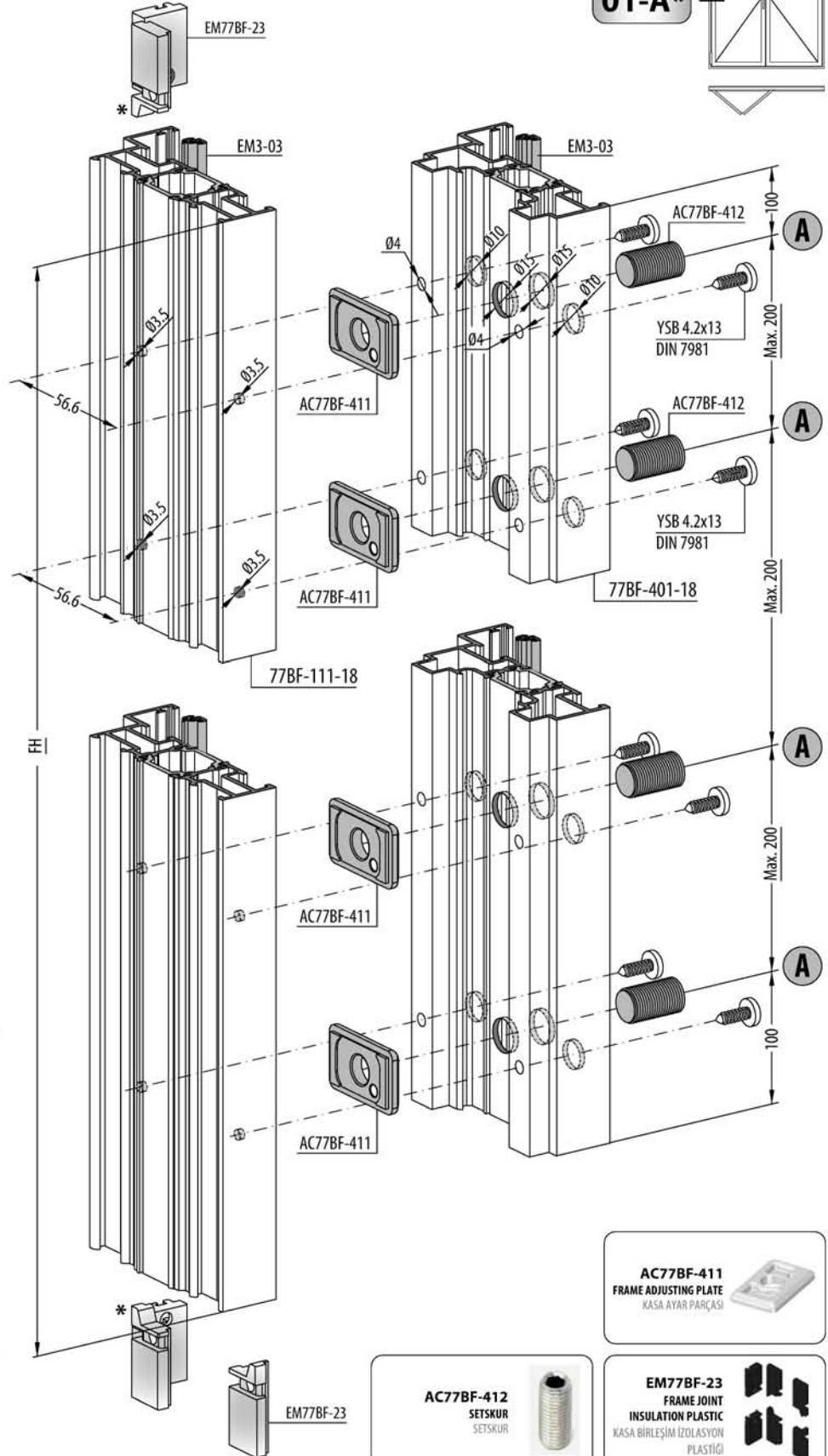
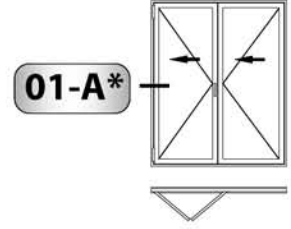
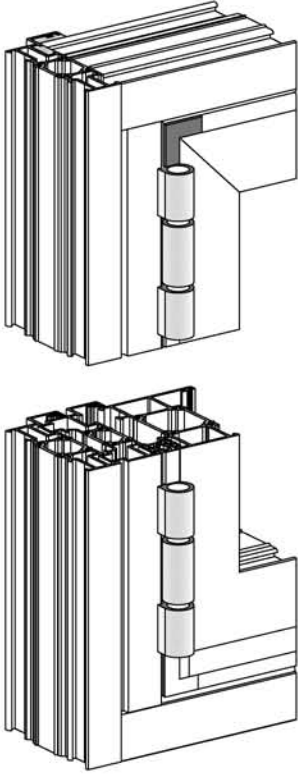


01-A POINT DETAIL / NOKTA DETAYI

DETAIL / DETAY



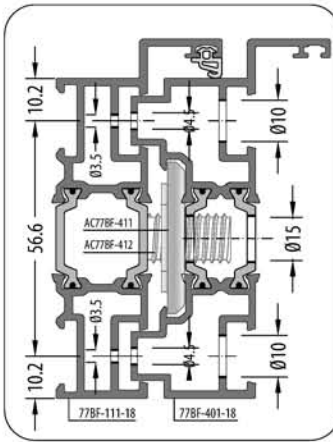
01-A* POINT DETAIL / NOKTA DETAYI



Attention
Dikkat!...



A
DETAIL / DETAY

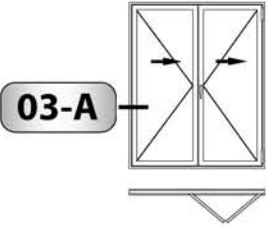
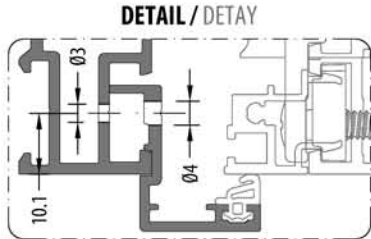
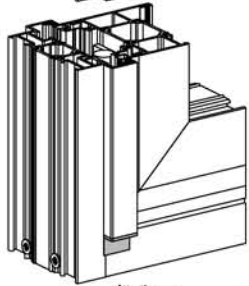
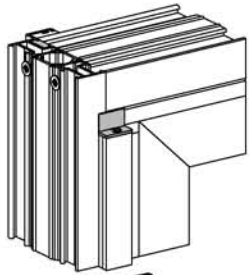


AC77BF-411
FRAME ADJUSTING PLATE
KASA AYAR PARÇASI

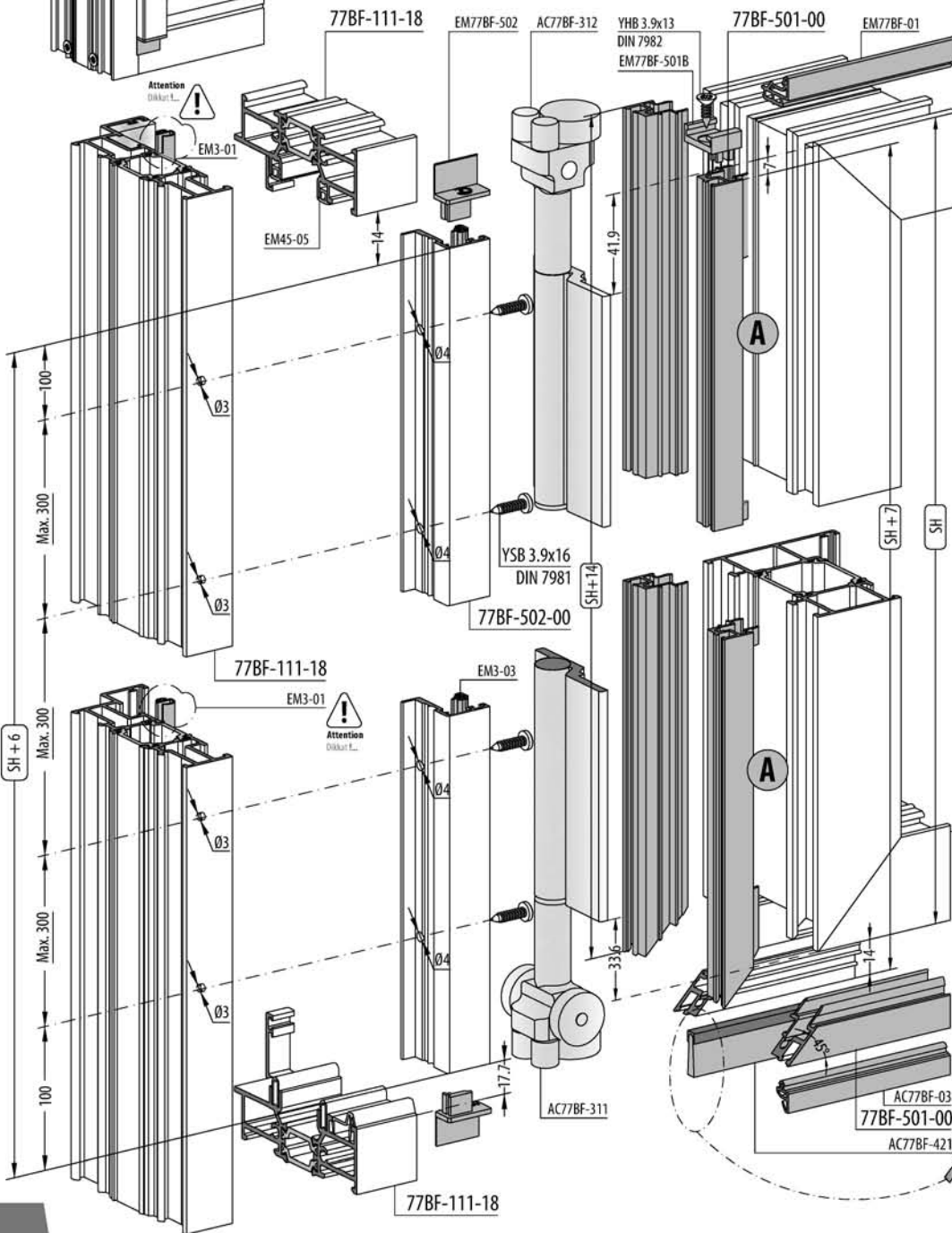
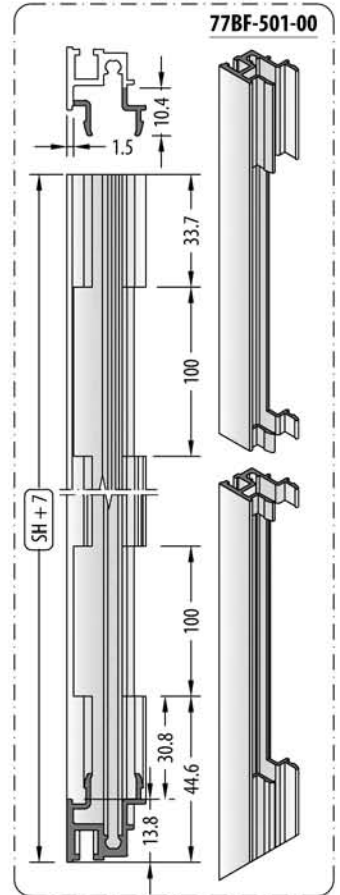
AC77BF-412
SETSKUR
SETSKUR

EM77BF-23
FRAME JOINT
INSULATION PLASTIC
KASA BİRLEŞİM İZOLASYON
PLASTİĞİ

03-A POINT DETAIL / NOKTA DETAYI



A NOTCH / KERTME



Attention / Dikkat !...

77BF-201-18



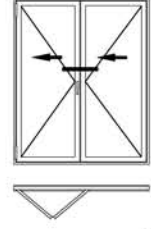
Bottom Frame
Alt Kasa
77BF-101-00

Bottom Frame
Alt Kasa
77BF-102-00
77BF-103-00

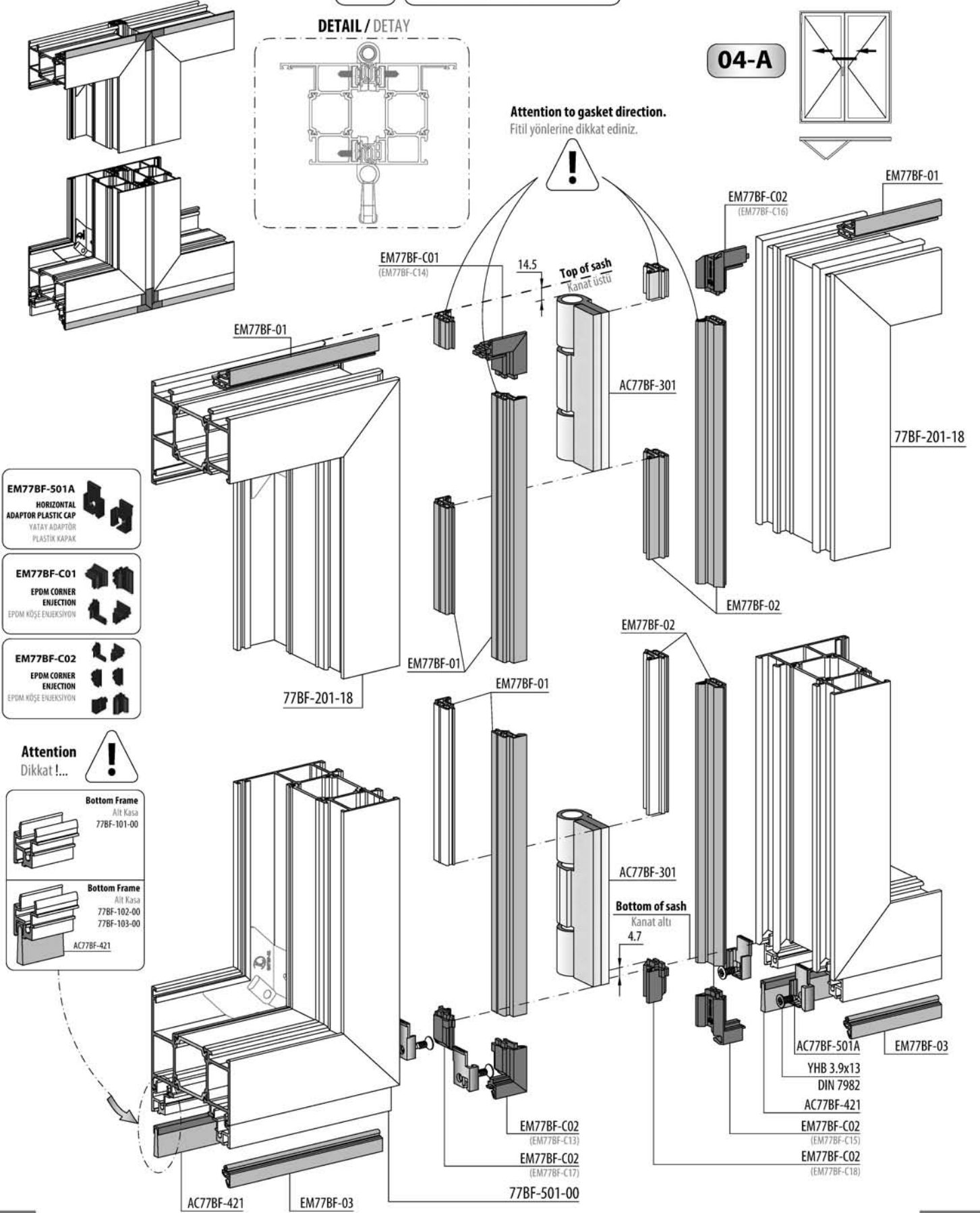
04-A POINT DETAIL / NOKTA DETAYI

DETAIL / DETAY

04-A



Attention to gasket direction.
Fital yönlerine dikkat ediniz.



EM77BF-501A
HORIZONTAL
ADAPTOR PLASTIC CAP
YATAY ADAPTOR
PLASTİK KAPAK

EM77BF-C01
EPDM CORNER
ENJECTION
EPDM KÖŞE ENJEKSİYON

EM77BF-C02
EPDM CORNER
ENJECTION
EPDM KÖŞE ENJEKSİYON

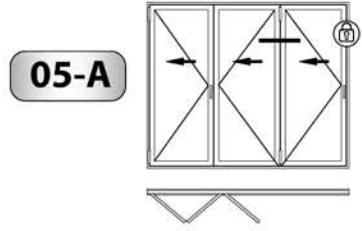
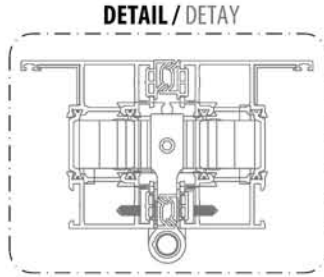
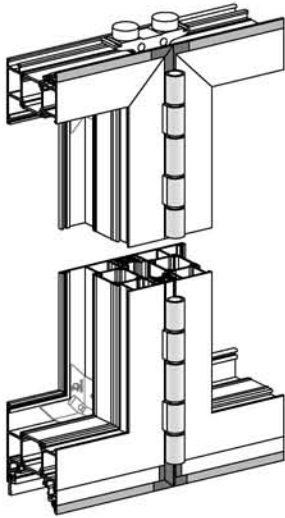
Attention
Dikkat !...



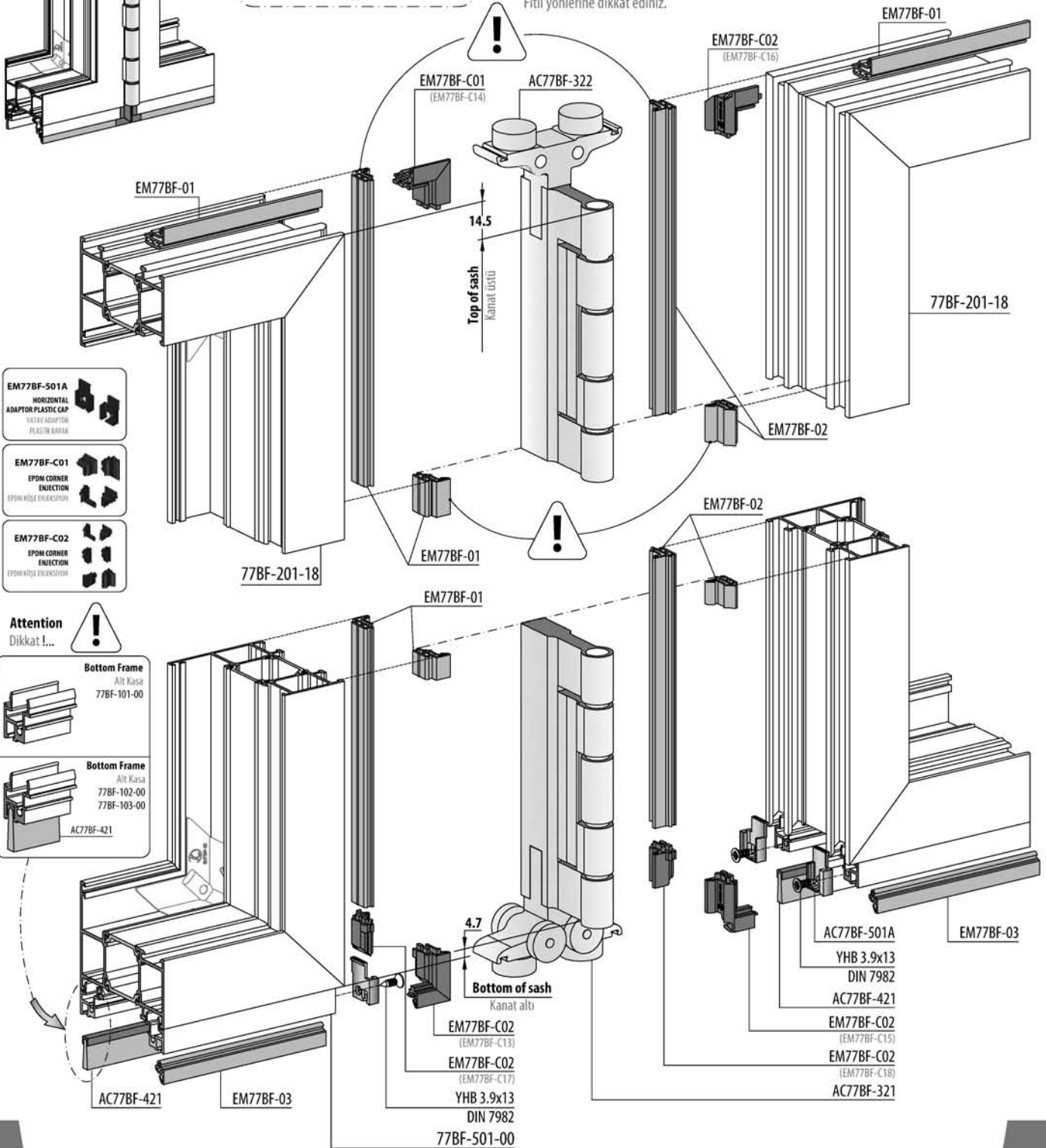
Bottom Frame
Alt Kasa
77BF-101-00

Bottom Frame
Alt Kasa
77BF-102-00
77BF-103-00
AC77BF-421

05-A POINT DETAIL / NOKTA DETAYI

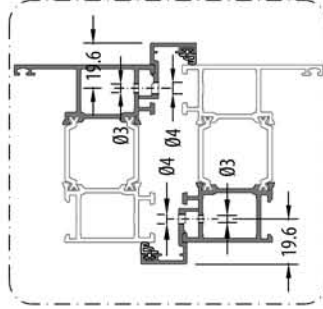


Attention to gasket direction.
Fital yönlerine dikkat ediniz.



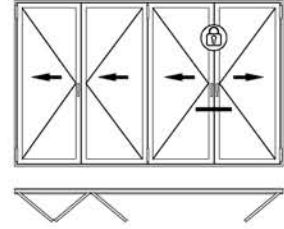
06-A1 06-A2 POINT DETAIL / NOKTA DETAYI

DETAIL / DETAY

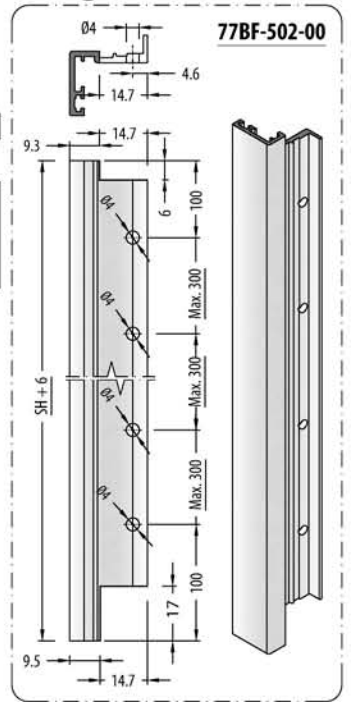


06-A1

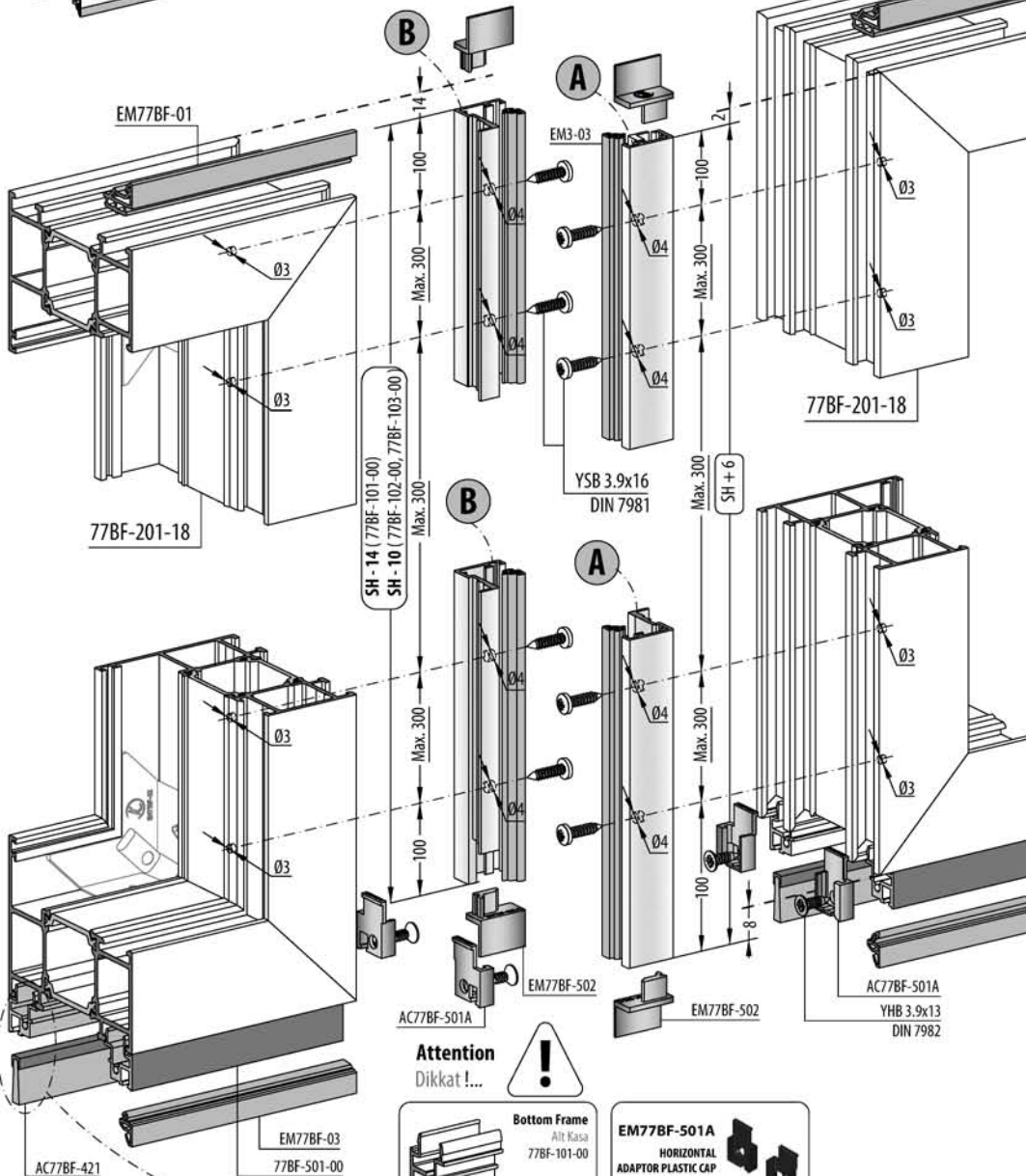
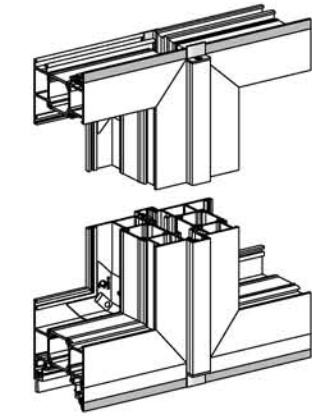
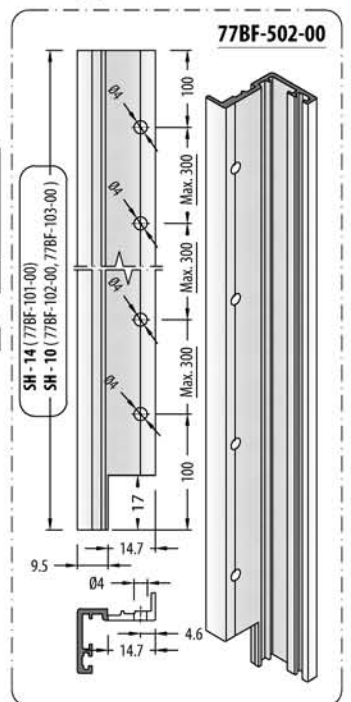
06-A2



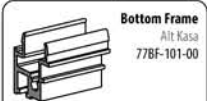
A NOTCH / KERTME



B NOTCH / KERTME



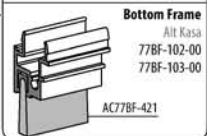
Attention
Dikkat!...



Bottom Frame
Alt Kasa
77BF-101-00



EM77BF-501A
HORIZONTAL
ADAPTOR PLASTIC CAP
YATAY ADAPTÖR
PLASTİK KAPAK



Bottom Frame
Alt Kasa
77BF-102-00
77BF-103-00

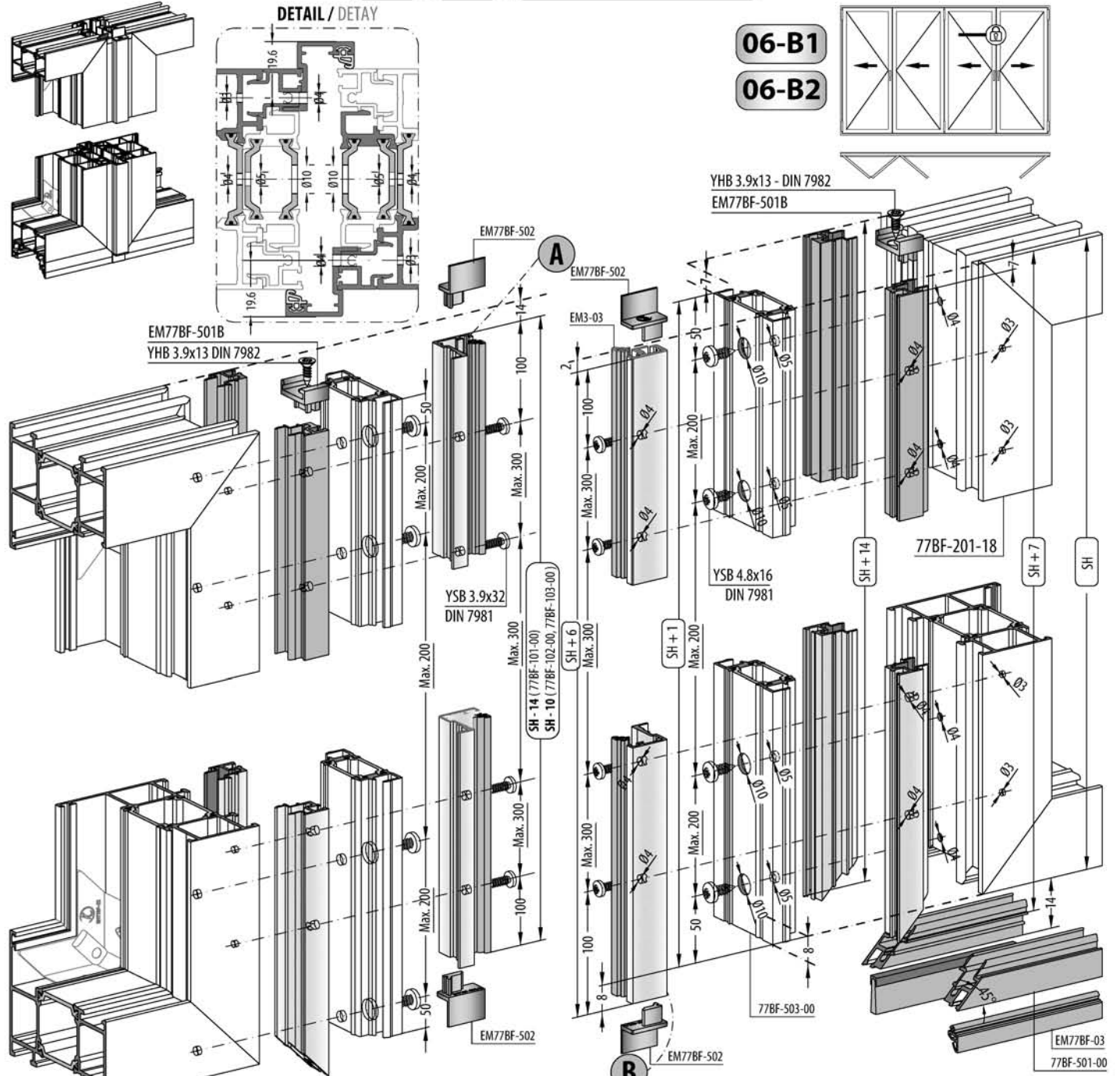


EM77BF-502
ADAPTOR
PLASTIC CAP
BİNİ ADAPTÖR
PLASTİK KAPAK

06-B1

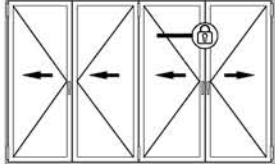
06-B2

POINT DETAIL / NOKTA DETAYI



06-B1

06-B2



YHB 3.9x13 - DIN 7982

EM77BF-501B

EM77BF-501B
YHB 3.9x13 DIN 7982

YSB 3.9x32
DIN 7981

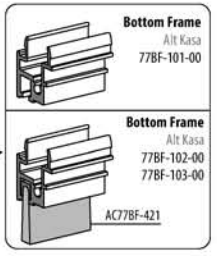
YSB 4.8x16
DIN 7981

77BF-201-18

77BF-503-00

EM77BF-03
77BF-501-00

Attention
Dikkat !...



Bottom Frame
Alt Kasa
77BF-101-00

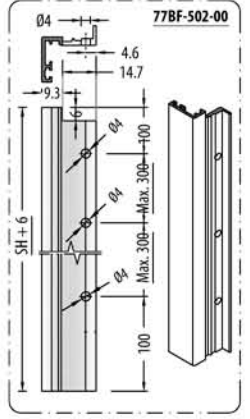
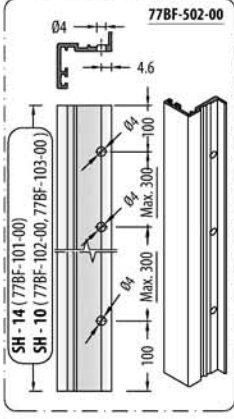
Bottom Frame
Alt Kasa
77BF-102-00
77BF-103-00

EM77BF-501B
VERTICAL ADAPTOR
PLASTIC CAP
DÜŞEY ADAPTÖR
PLASTİK KAPAK

EM77BF-502
ADAPTOR
PLASTIC CAP
BİNİ ADAPTÖR
PLASTİK KAPAK

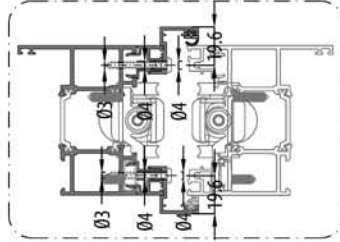
A NOTCH / KERTME

B HOLES / DELİK

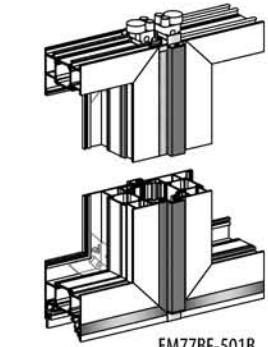
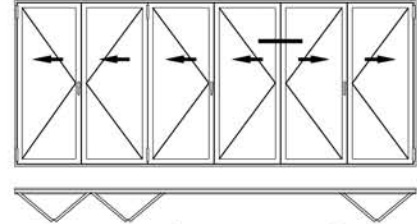


08-A POINT DETAIL / NOKTA DETAYI

DETAIL / DETAY

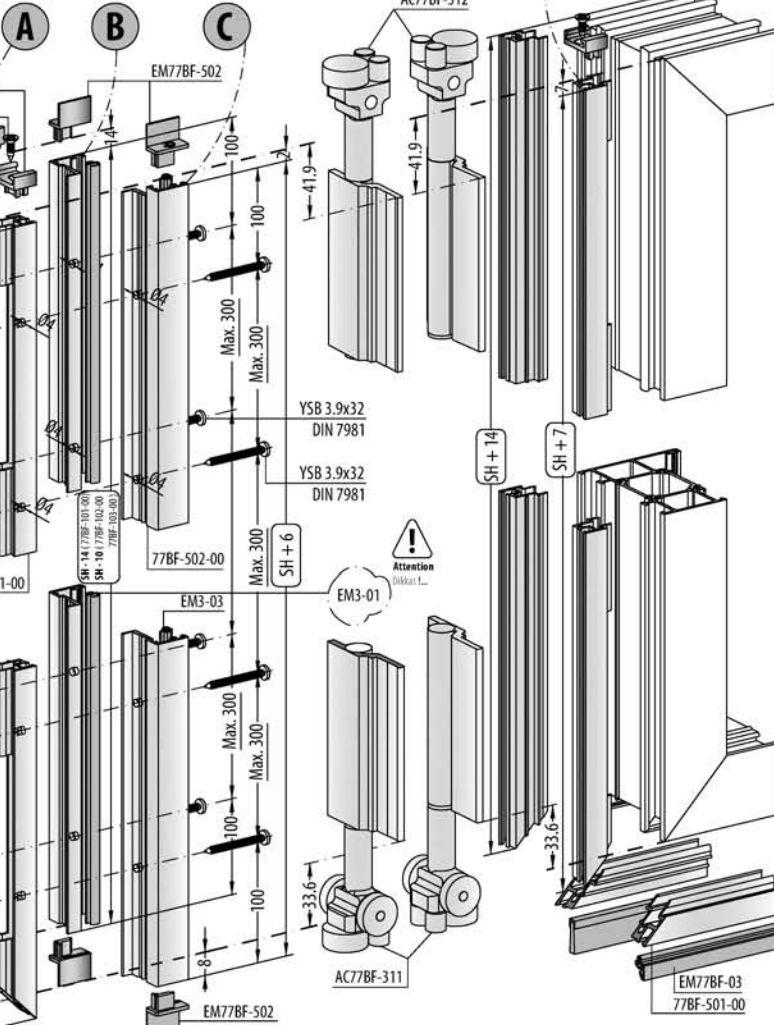


08-A



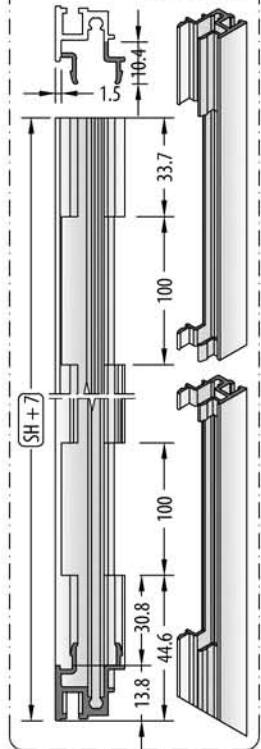
EM77BF-501B
YHB 3.9x13 - DIN 7982
EM77BF-01

77BF-201-18



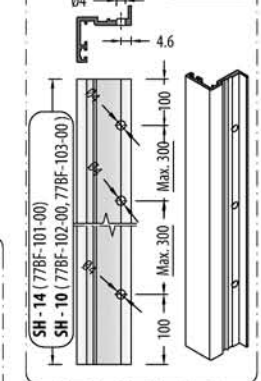
A NOTCH / KERTME

77BF-501-00



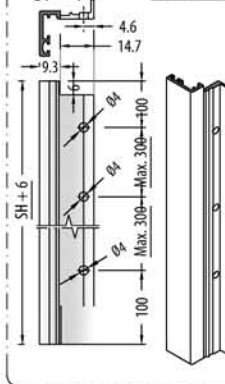
B HOLES / DELİK

77BF-502-00

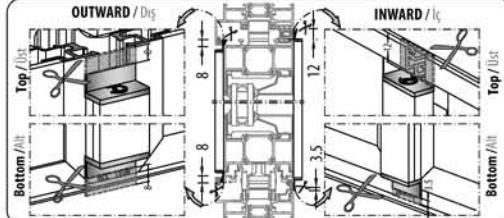


C NOTCH / KERTME

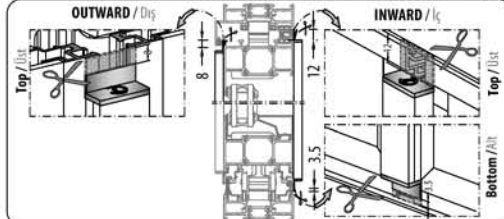
77BF-502-00



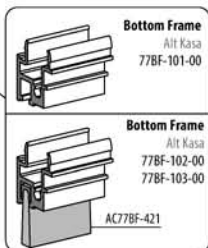
Bottom Frame / Alt Kasa 77BF-101-18



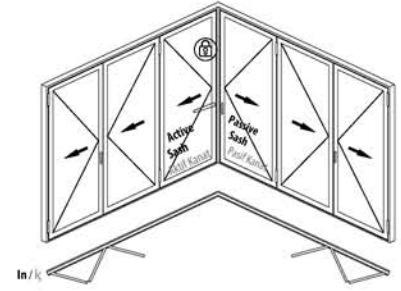
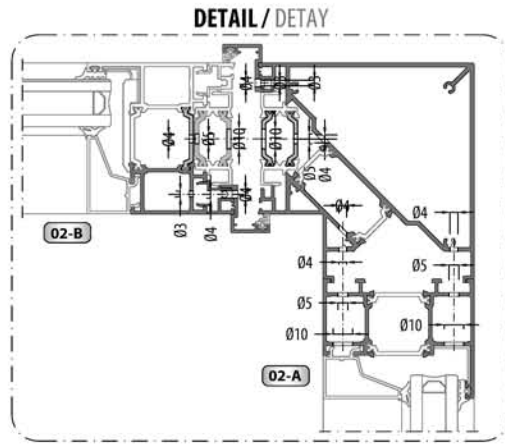
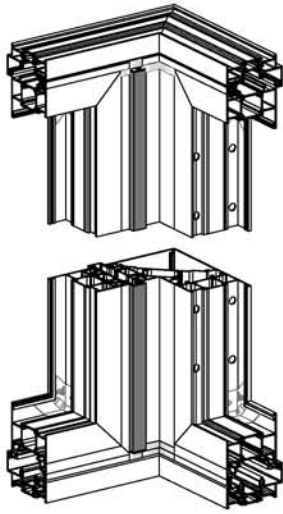
Bottom Frame / Alt Kasa 77BF-102-18 / 77BF-103-00



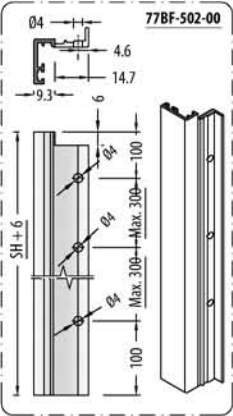
Attention
Dikkat !



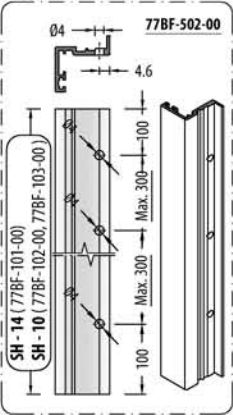
02-B / 02-A POINT DETAIL / NOKTA DETAYI



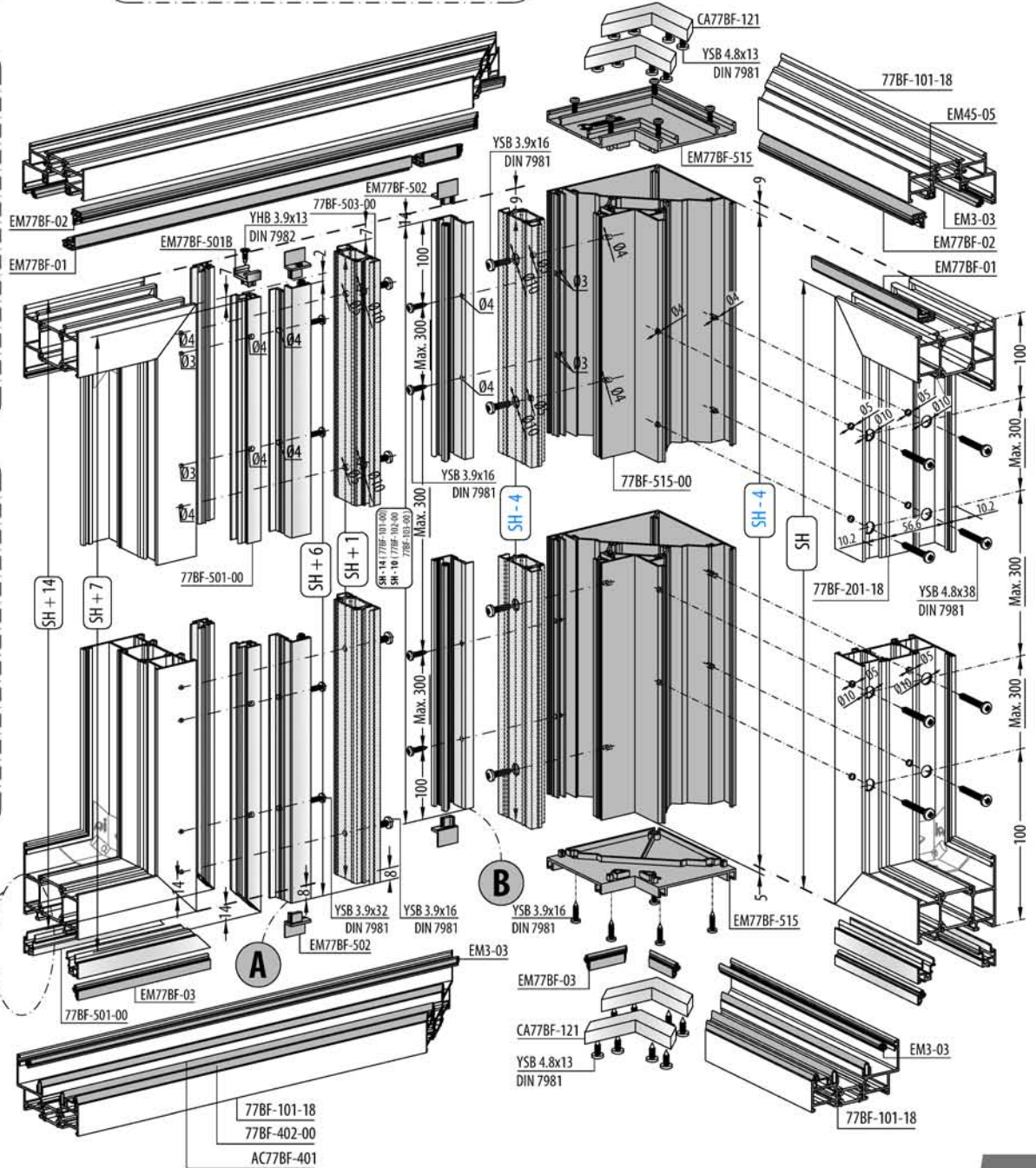
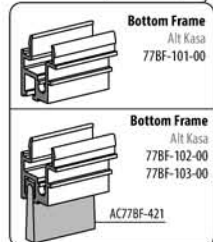
A NOTCH / KERTME



B HOLES / DELİK



Attention / Dikkat !

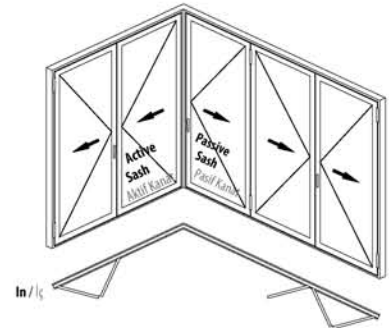
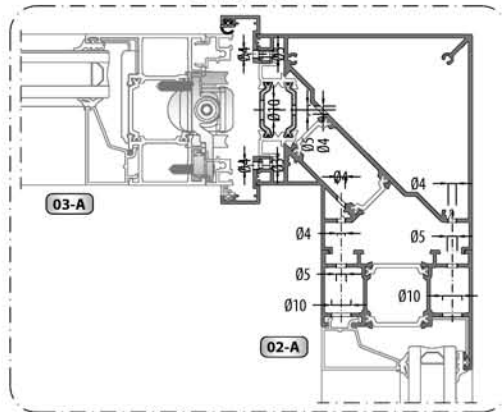
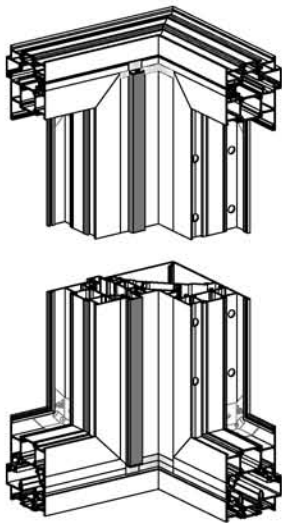


77BF-101-18
77BF-402-00
AC77BF-401

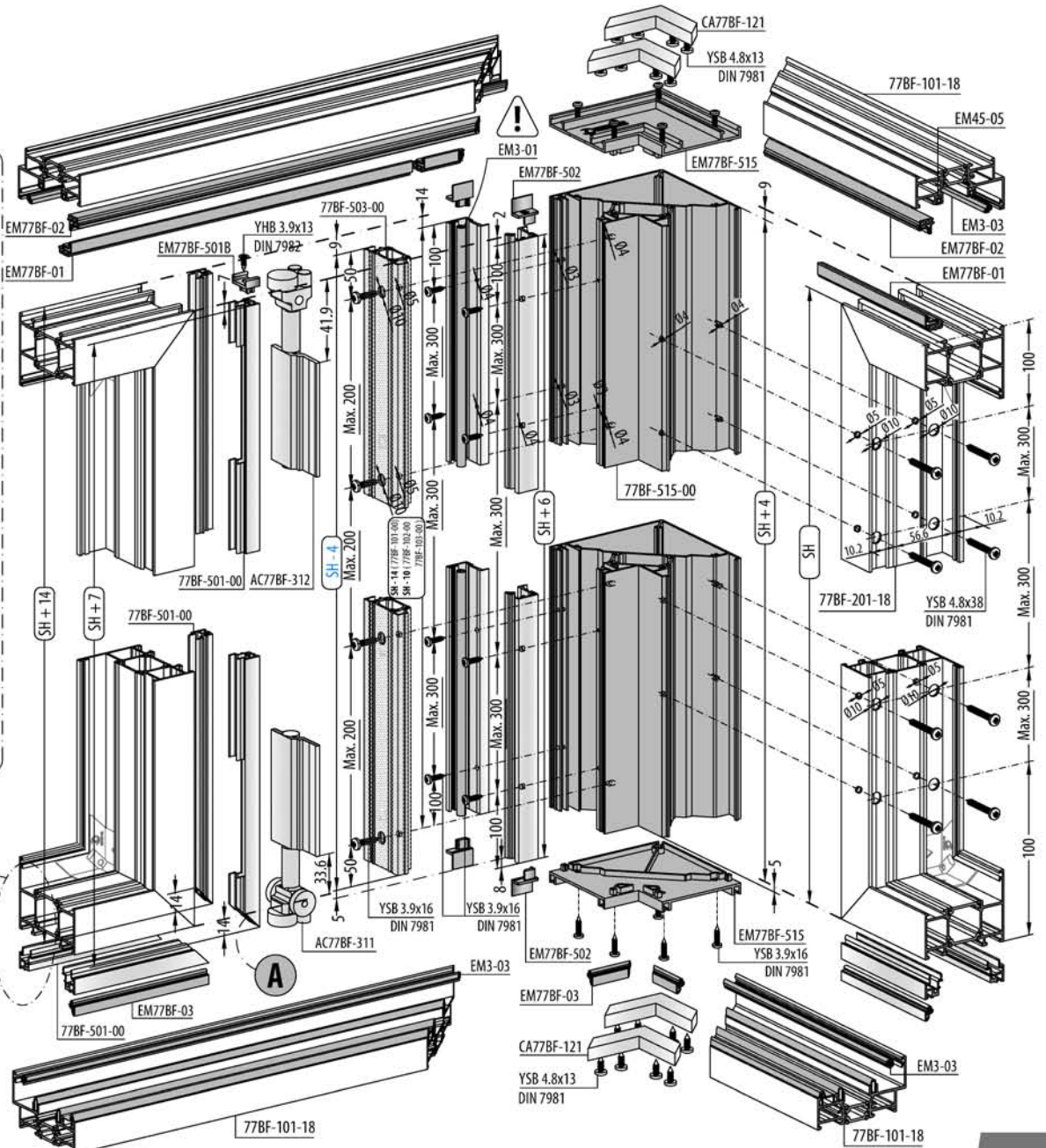
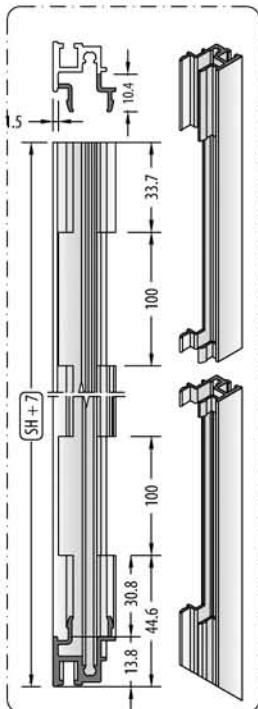
77BF-101-18

03-A / 02-A POINT DETAIL / NOKTA DETAYI

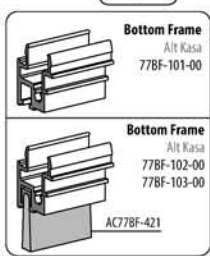
DETAIL / DETAY



A NOTCH / KERTME



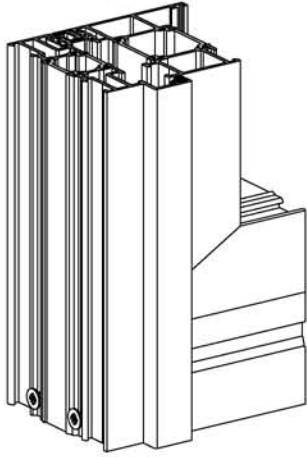
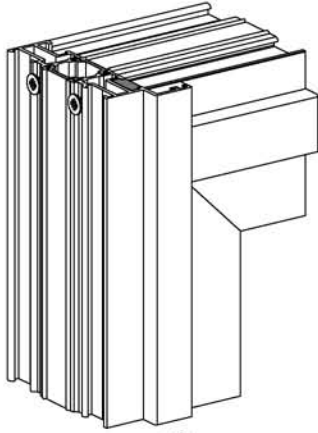
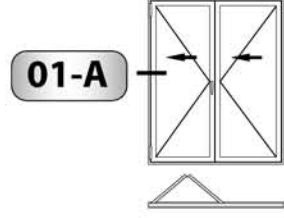
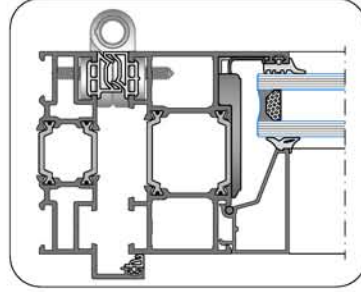
Attention / Dikkat!...



A

01-A POINT DETAIL / NOKTA DETAYI

DETAIL / DETAY



EM77BF-C01
(EM77BF-C14)

EM77BF-01

14.5

AC77BF-301

EM77BF-01

EM77BF-01

AC77BF-301

4.7

EM77BF-C01
(EM77BF-C13)
YHB 3.9x13
DIN 7982

EM77BF-03
YHB 3.9x13
DIN 7982
AC77BF-501A

AC77BF-421
77BF-501-00

EM77BF-501A
HORIZONTAL
ADAPTOR PLASTIC CAP
YATAY ADAPTÖR
PLASTİK KAPAK

EM77BF-C01
EPDM CORNER ENJECTION
EPDM KÖŞE ENJEKSİYON

Attention
Dikkat !...

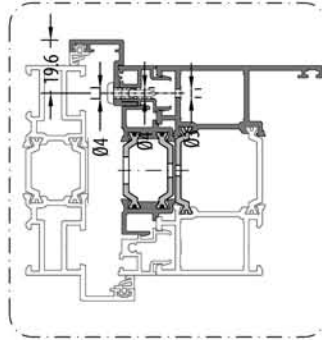


Bottom Frame
Alt Kasa
77BF-102-00
77BF-103-00

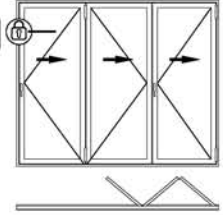
AC77BF-421

02-B POINT DETAIL / NOKTA DETAYI

DETAIL / DETAY



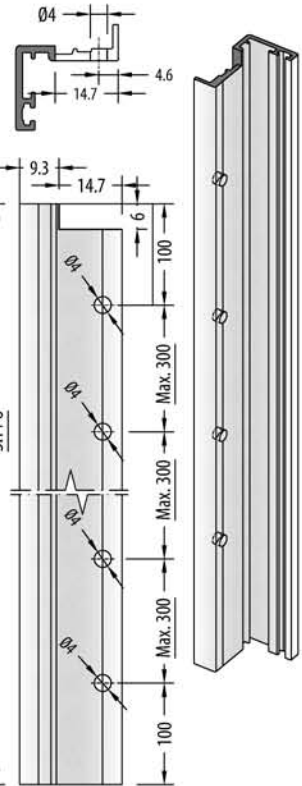
02-B



A

NOTCH / KERTME

77BF-502-00



EM77BF-502

ADAPTOR
PLASTIC CAP
BİNA ADAPTOR
PLASTİK KAPAK

EM77BF-501B

VERTICAL ADAPTOR
PLASTIC CAP
DÜŞEY ADAPTOR
PLASTİK KAPAK

Attention

Dikkat !...



Bottom Frame

Alt Kasa

77BF-101-00



Bottom Frame

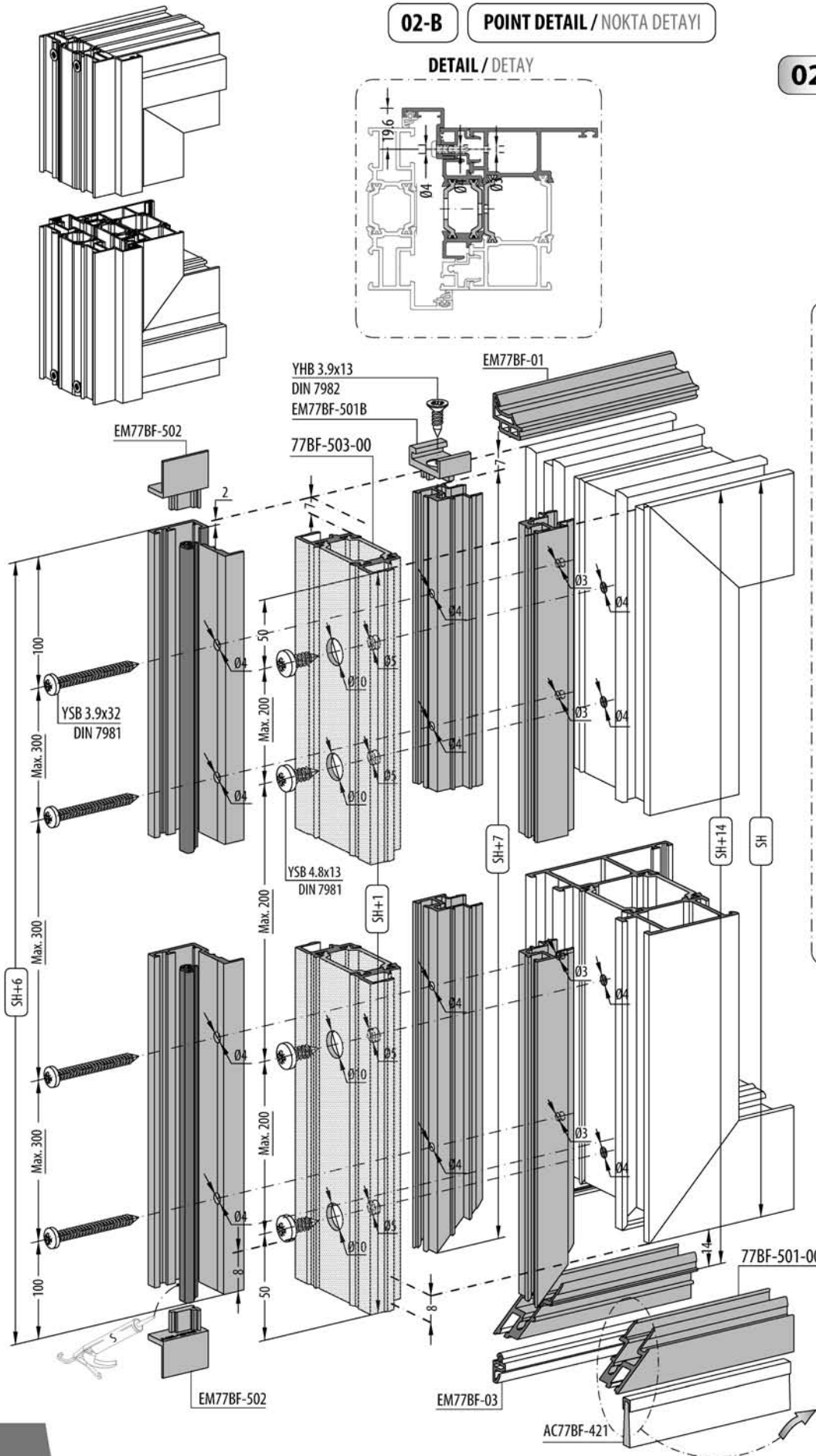
Alt Kasa

77BF-102-00

77BF-103-00

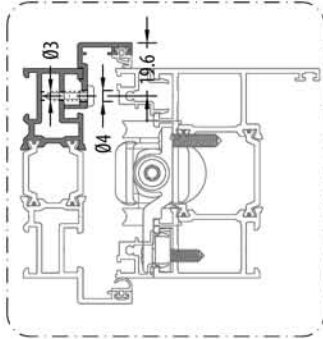


AC77BF-421



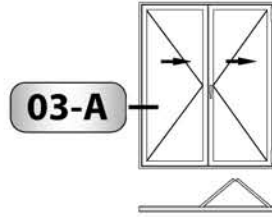
03-A POINT DETAIL / NOKTA DETAYI

DETAIL / DETAY



EM77BF-501B
VERTICAL ADAPTOR
PLASTIC CAP
DÜŞEY ADAPTÖR
PLASTİK KAPAK

EM77BF-502
ADAPTOR
PLASTIC CAP
BİNİ ADAPTÖR
PLASTİK KAPAK

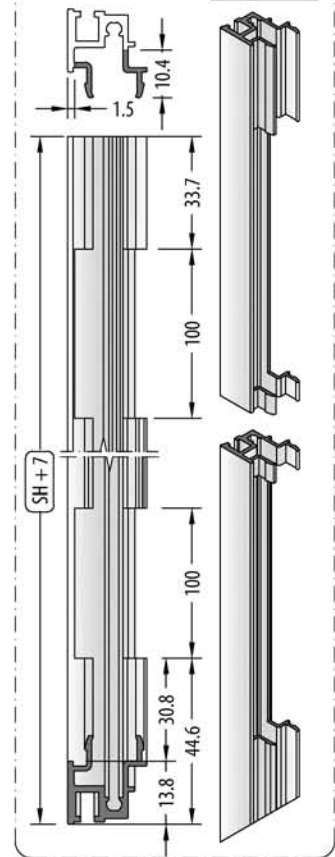


03-A

A

NOTCH / KERTME

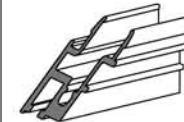
77BF-501-00



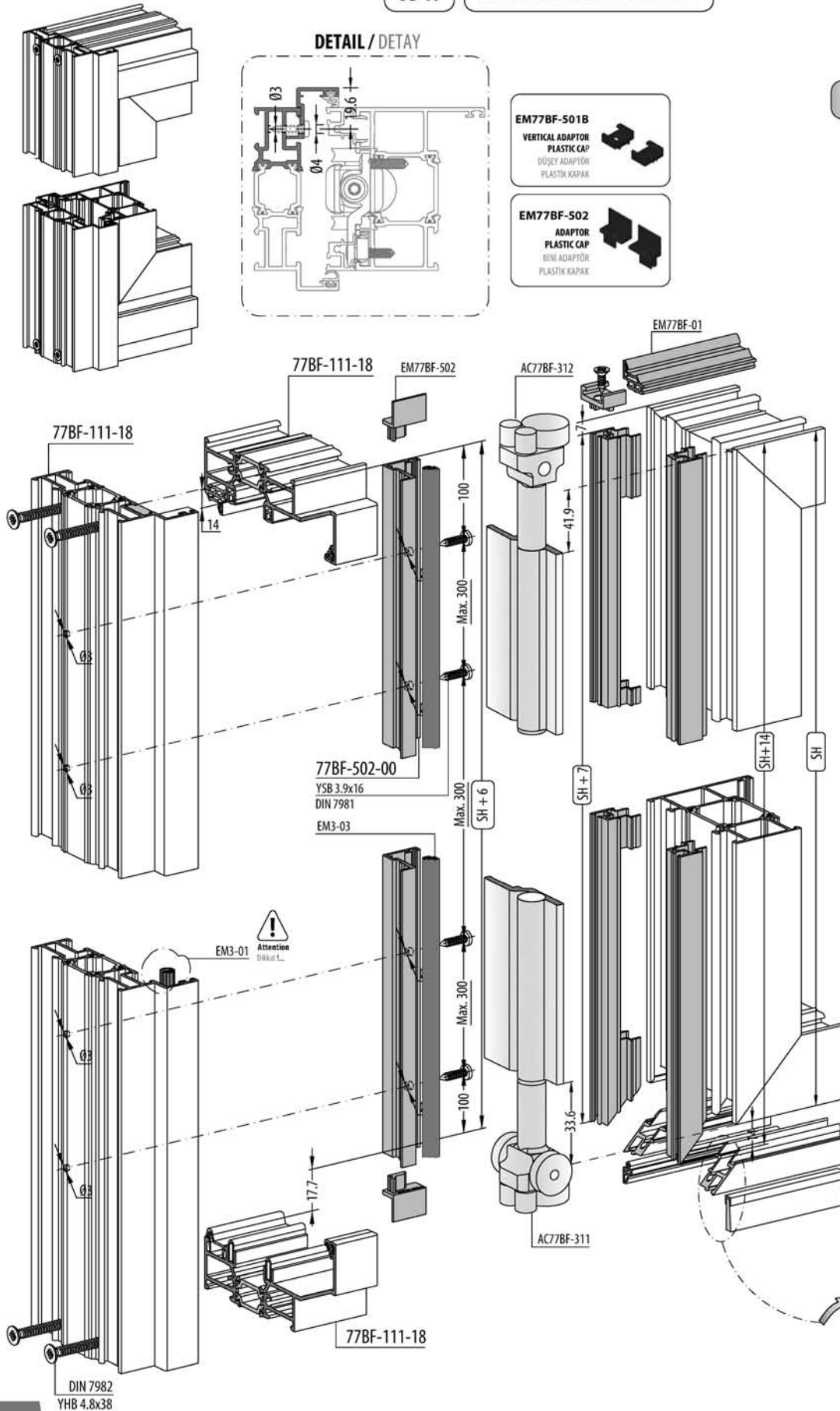
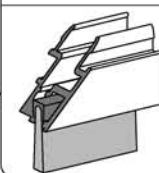
Attention / Dikkat !...



Bottom Frame
Alt Kasa
77BF-101-00



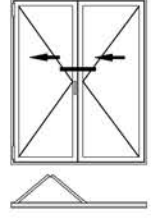
Bottom Frame
Alt Kasa
77BF-102-00
77BF-103-00



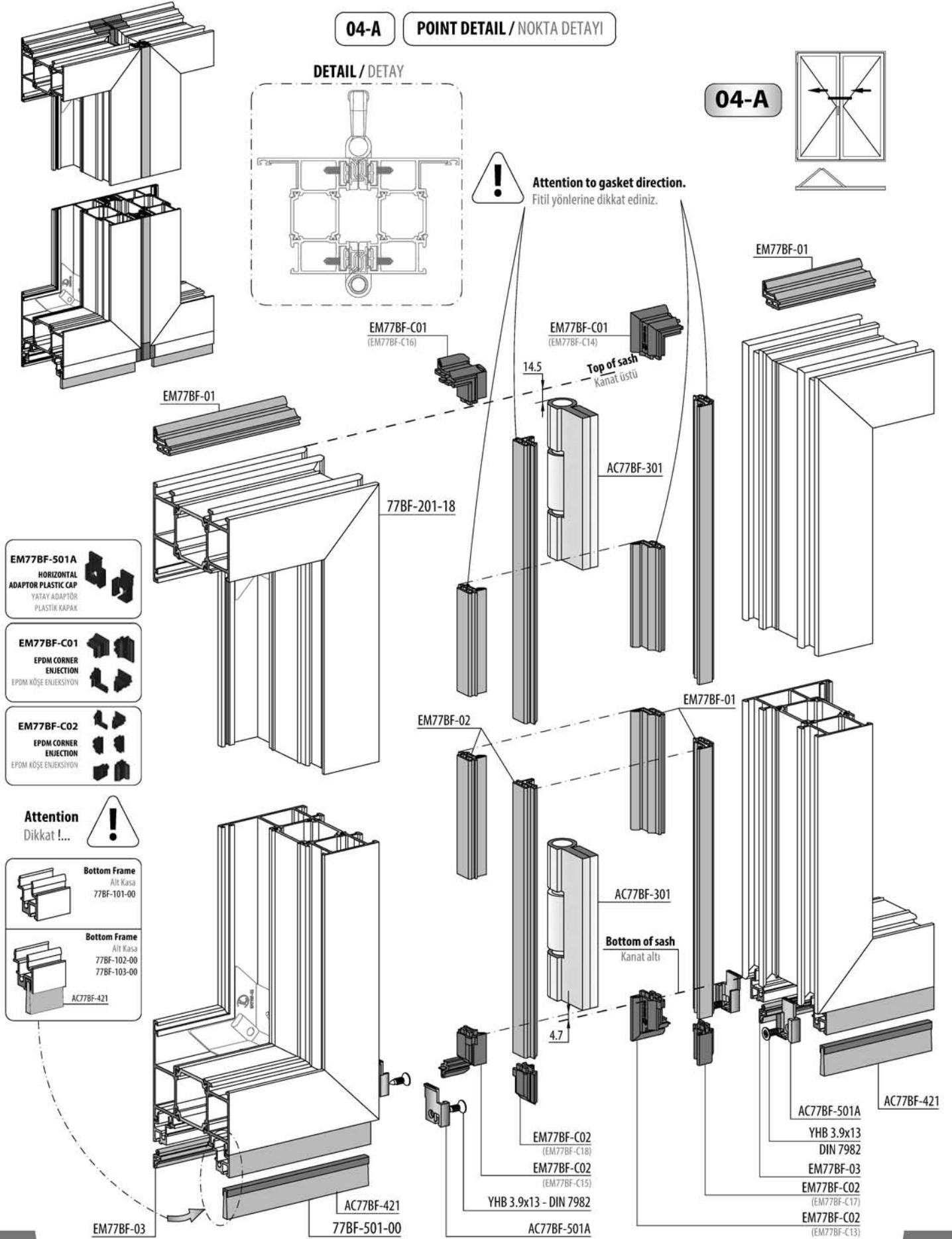
04-A POINT DETAIL / NOKTA DETAYI

DETAIL / DETAY

04-A



Attention to gasket direction.
Fıtıl yönlerine dikkat ediniz.



EM77BF-501A
HORIZONTAL
ADAPTOR PLASTIC CAP
YATAY ADAPTOR
PLASTİK KAPAK

EM77BF-C01
EPDM CORNER
ENJECTION
EPDM KÖŞE ENJEKSİYON

EM77BF-C02
EPDM CORNER
ENJECTION
EPDM KÖŞE ENJEKSİYON

Attention
Dikkat !...



Bottom Frame
Alt Kasa
77BF-101-00

Bottom Frame
Alt Kasa
77BF-102-00
77BF-103-00
AC77BF-421

AC77BF-501A

YHB 3.9x13
DIN 7982

EM77BF-03

EM77BF-C02
(EM77BF-C17)

EM77BF-C02
(EM77BF-C13)

AC77BF-421

EM77BF-C02
(EM77BF-C18)

EM77BF-C02
(EM77BF-C15)

YHB 3.9x13 - DIN 7982

AC77BF-501A

AC77BF-421

77BF-501-00

EM77BF-03

14.5

Top of sash
Kanat üstü

77BF-201-18

AC77BF-301

EM77BF-02

EM77BF-01

AC77BF-301

Bottom of sash
Kanat altı

4.7

AC77BF-501A

YHB 3.9x13
DIN 7982

EM77BF-03

EM77BF-C02
(EM77BF-C17)

EM77BF-C02
(EM77BF-C13)

AC77BF-421

EM77BF-C02
(EM77BF-C18)

EM77BF-C02
(EM77BF-C15)

YHB 3.9x13 - DIN 7982

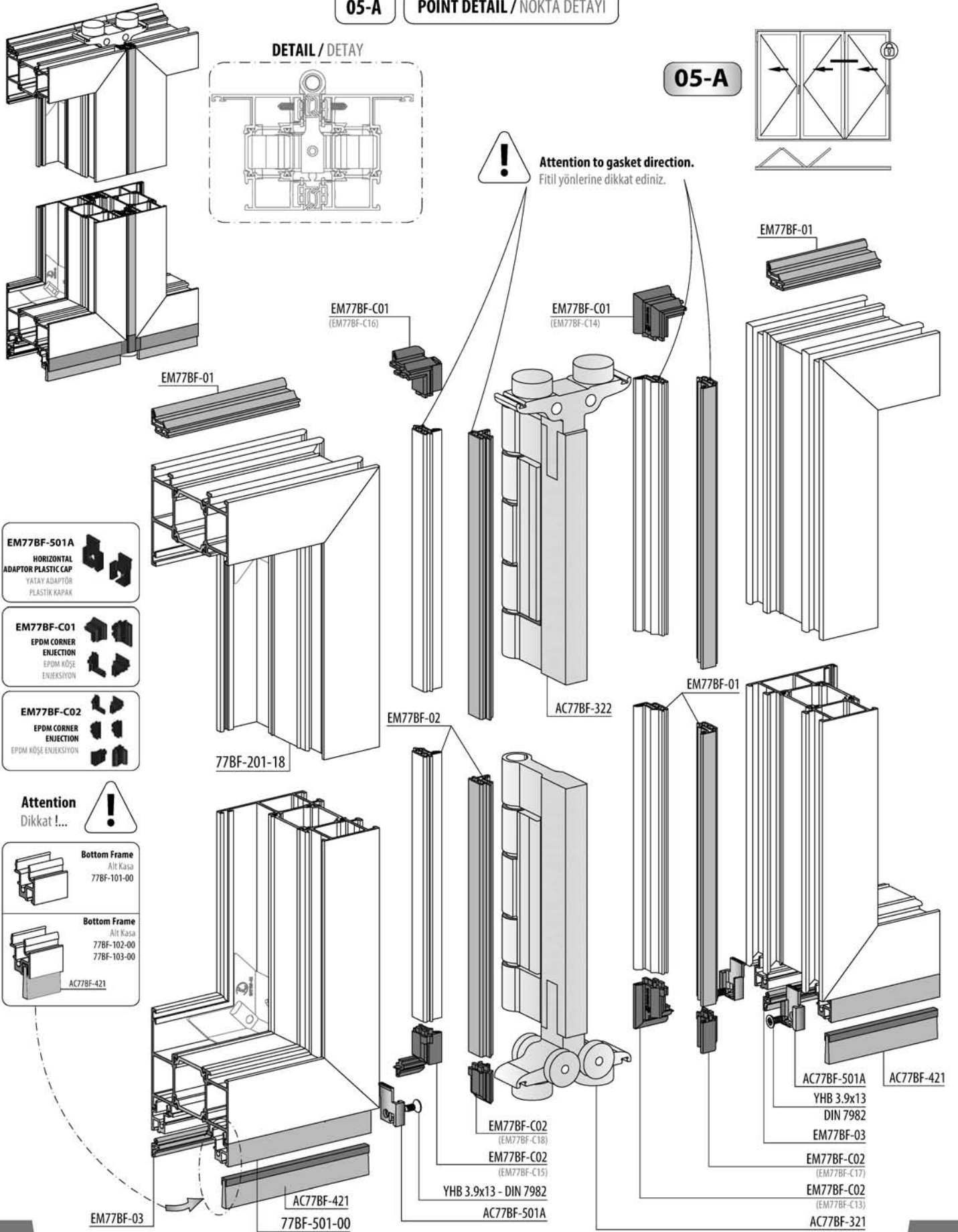
AC77BF-501A

AC77BF-421

77BF-501-00

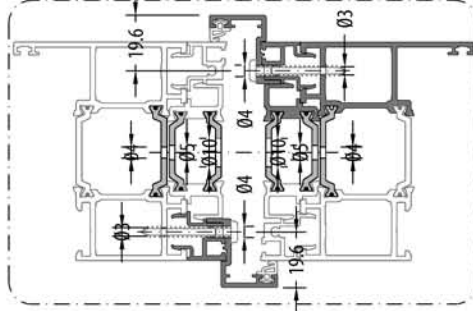
EM77BF-03

05-A POINT DETAIL / NOKTA DETAYI



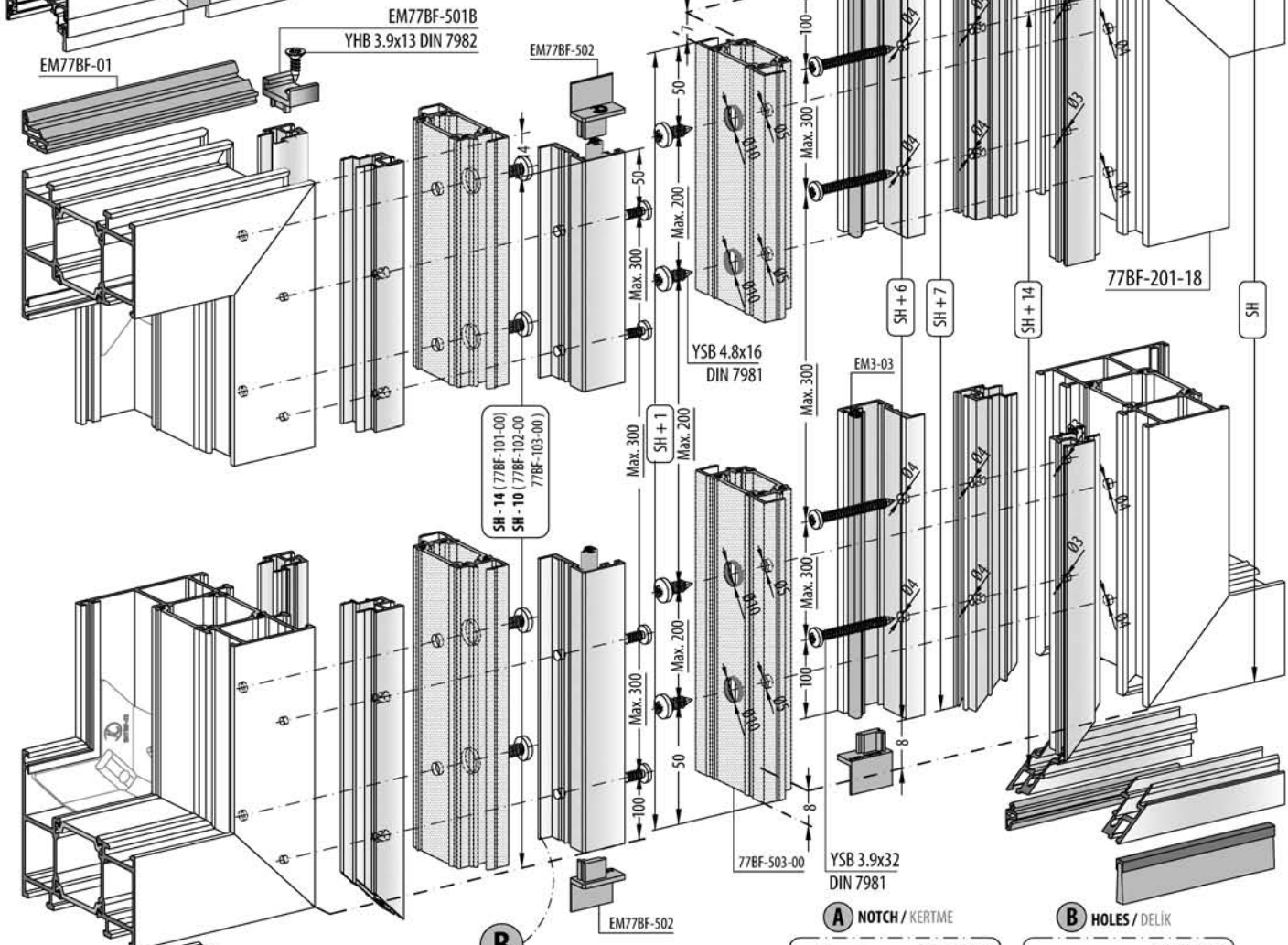
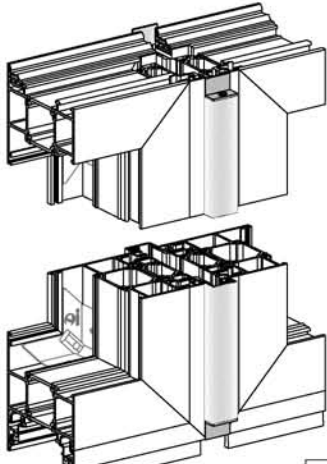
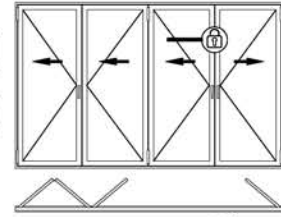
06-B1 06-B2 POINT DETAIL / NOKTA DETAYI

DETAIL / DETAY



06-B1

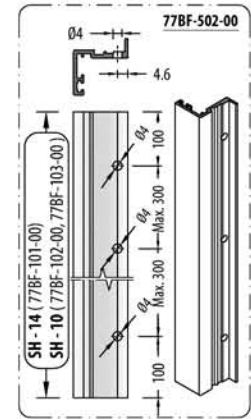
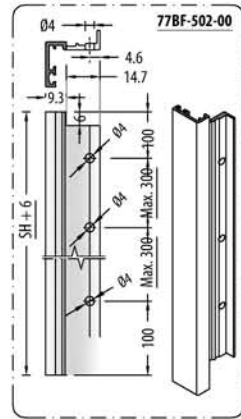
06-B2



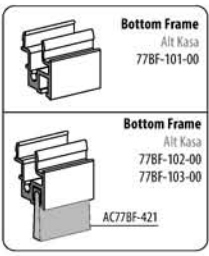
B

A NOTCH / KERTME

B HOLES / DELİK

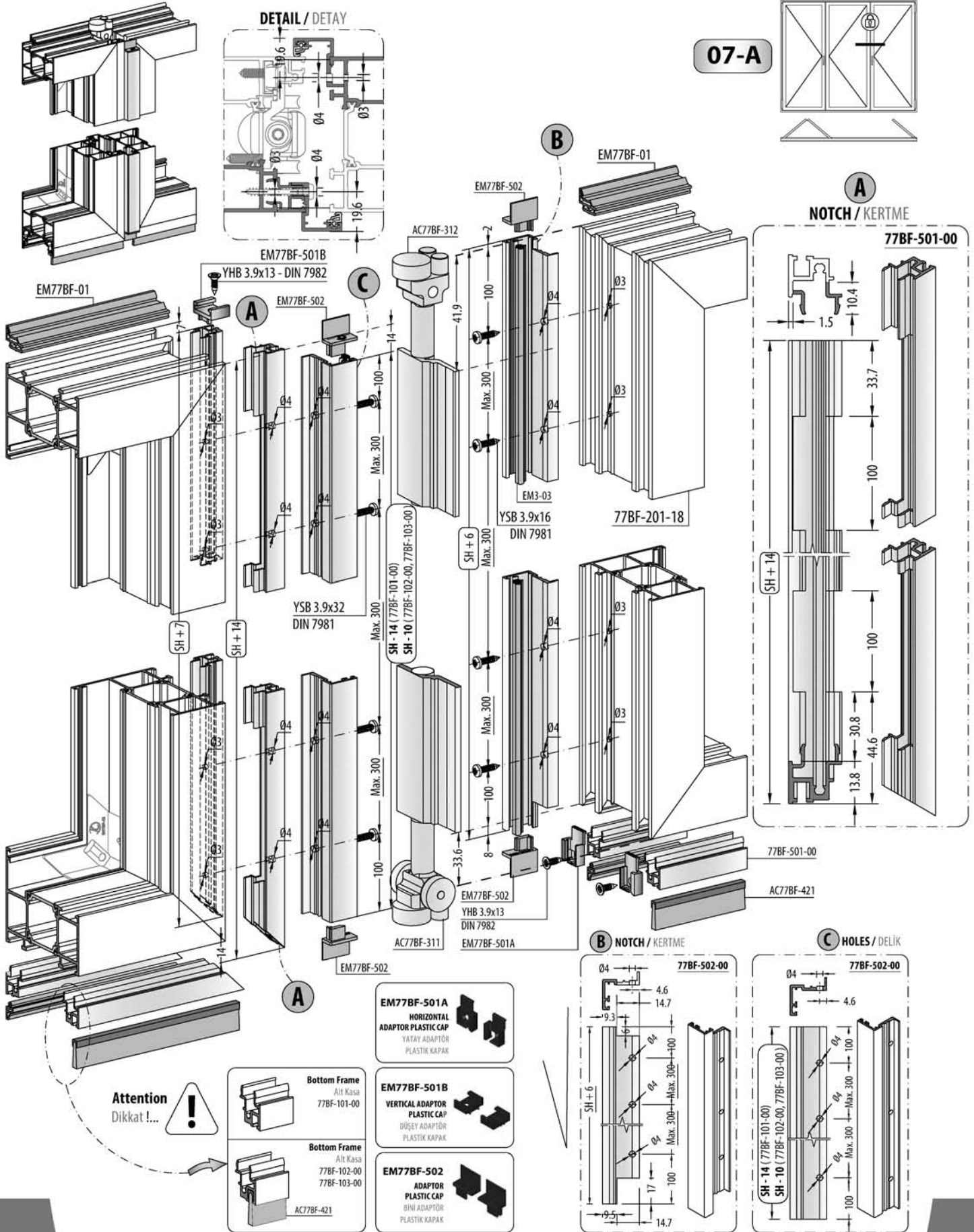
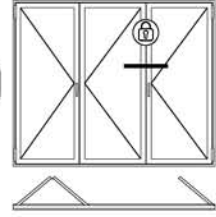


Attention / Dikkat !...



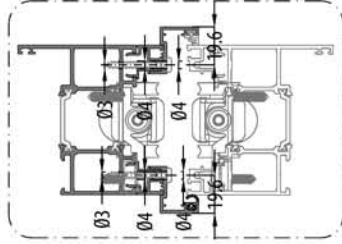
07-A POINT DETAIL / NOKTA DETAYI

07-A

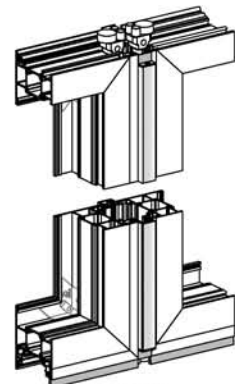
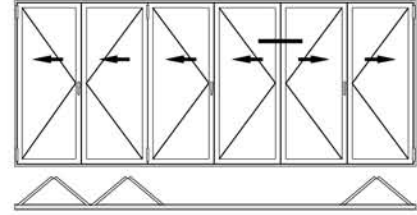


08-A POINT DETAIL / NOKTA DETAYI

DETAIL / DETAY

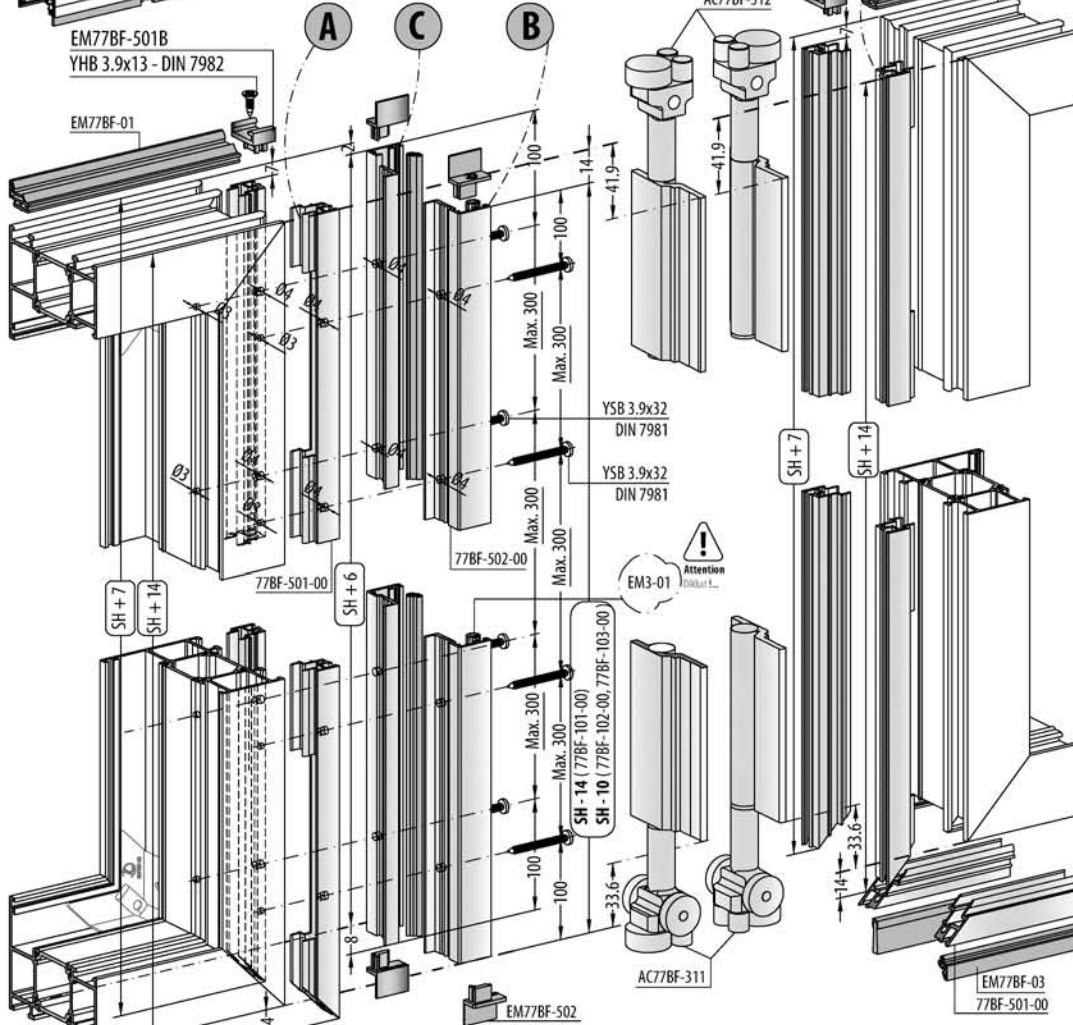


08-A



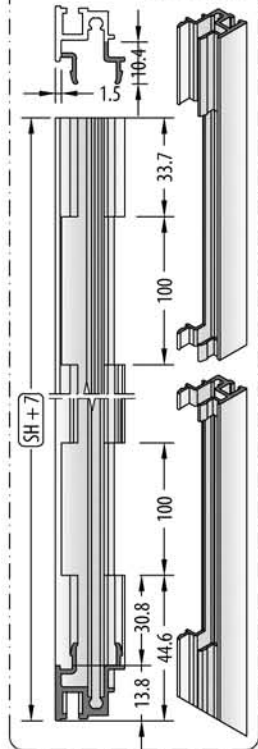
EM77BF-501B
YHB 3.9x13 - DIN 7982

EM77BF-01



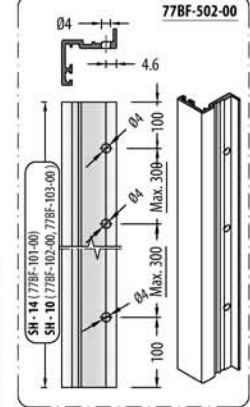
NOTCH / KERTME

77BF-501-00



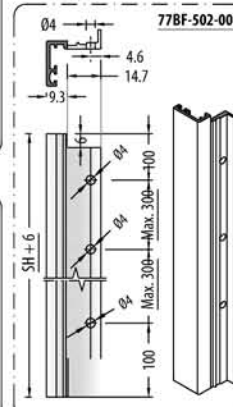
HOLES / DELİK

77BF-502-00

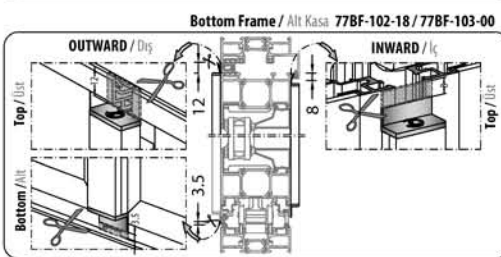
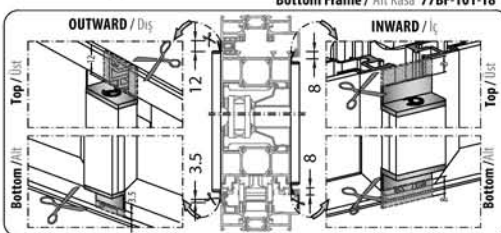
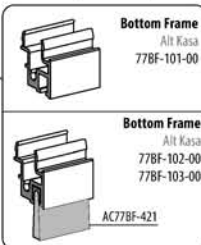


NOTCH / KERTME

77BF-502-00

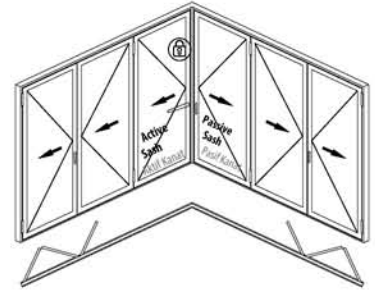
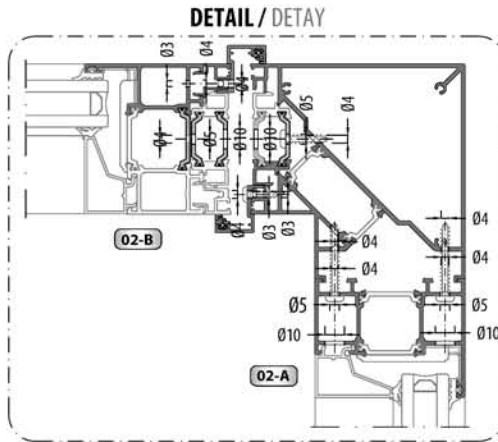
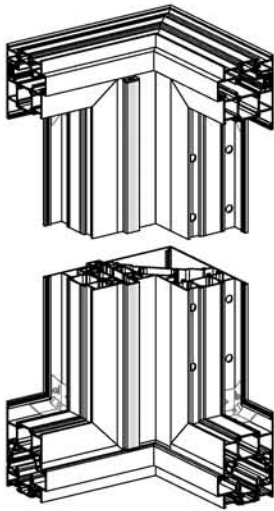


Attention
Dikkat !

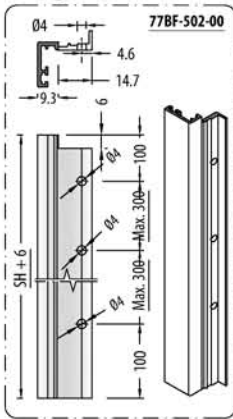


02-B / 02-A

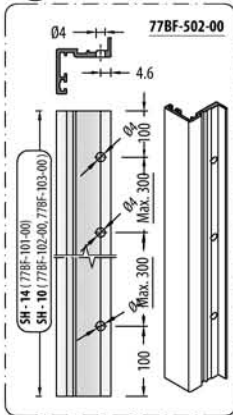
POINT DETAIL / NOKTA DETAYI



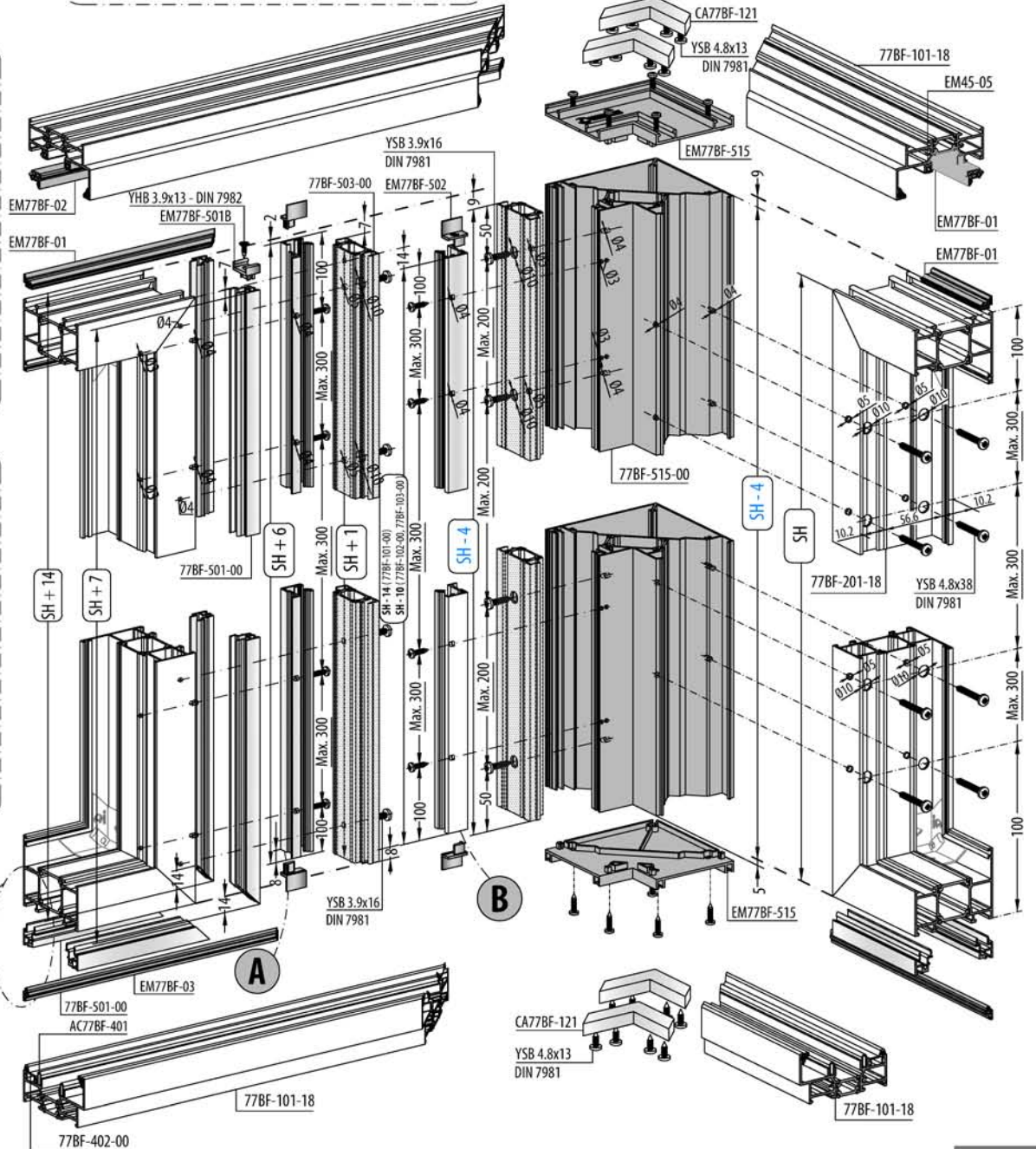
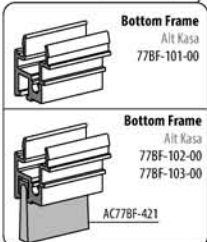
A NOTCH / KERTME



B HOLES / DELİK

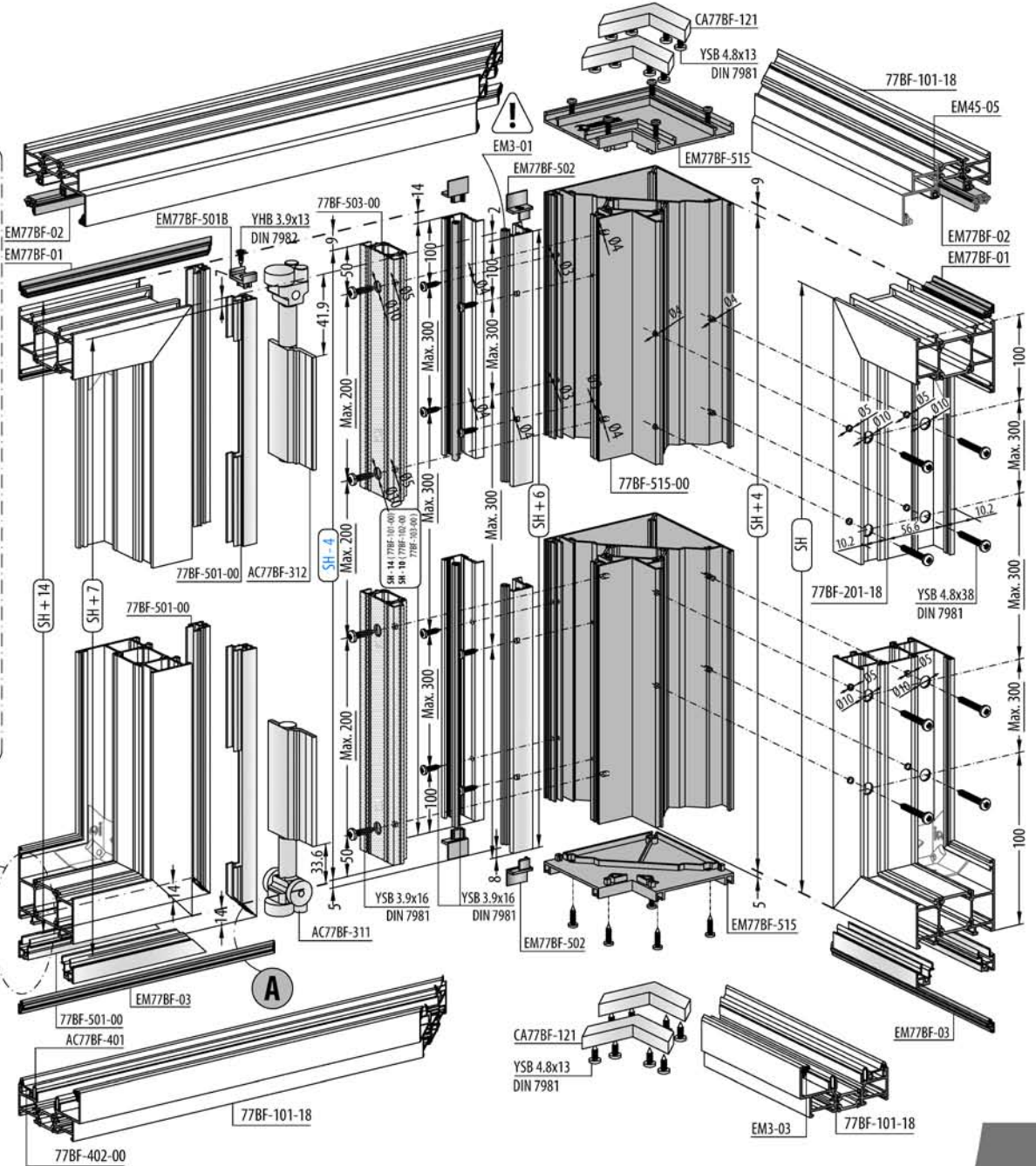
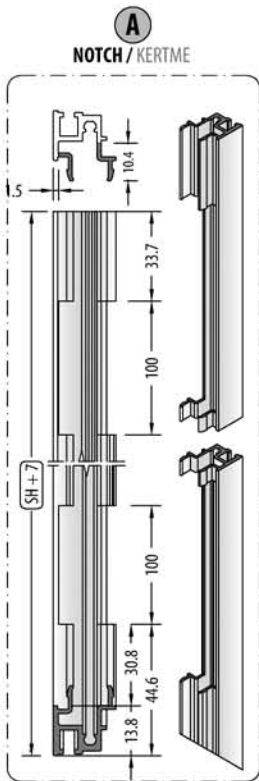
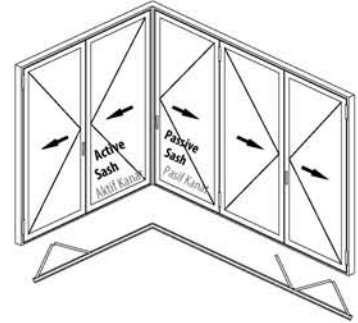
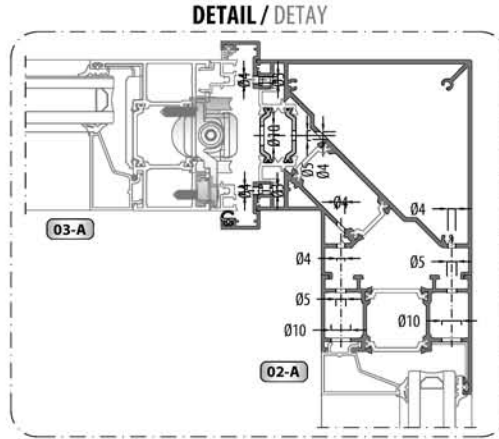
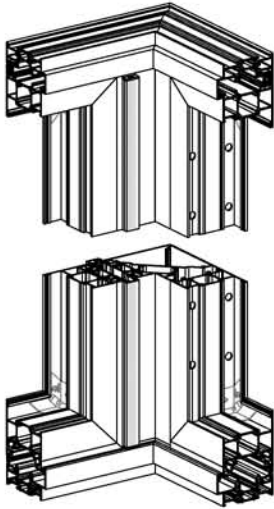


Attention / Dikkat !

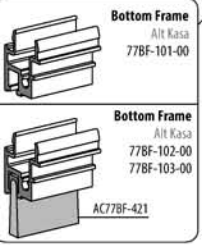


03-A / 02-A

POINT DETAIL / NOKTA DETAYI



Attention
Dikkat !...

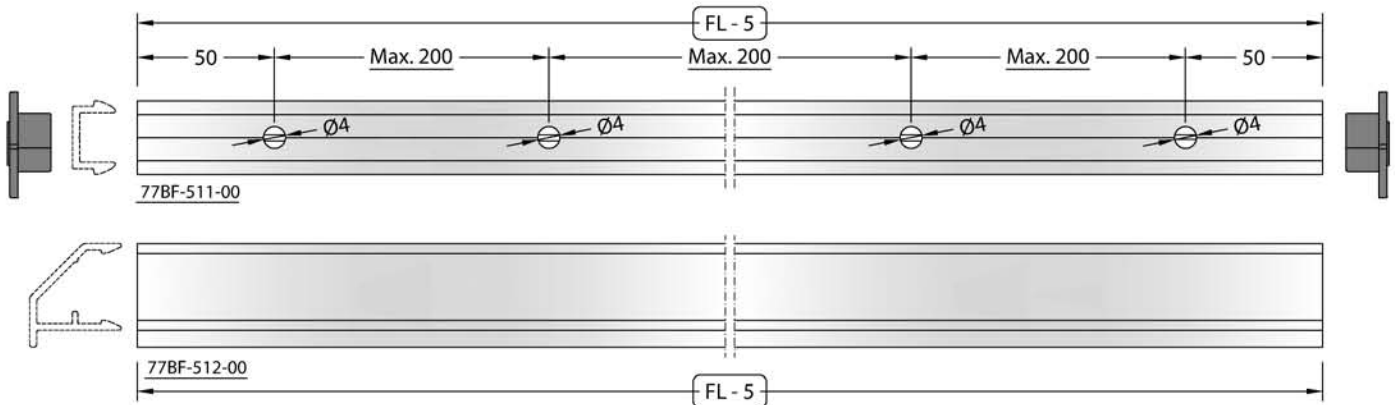
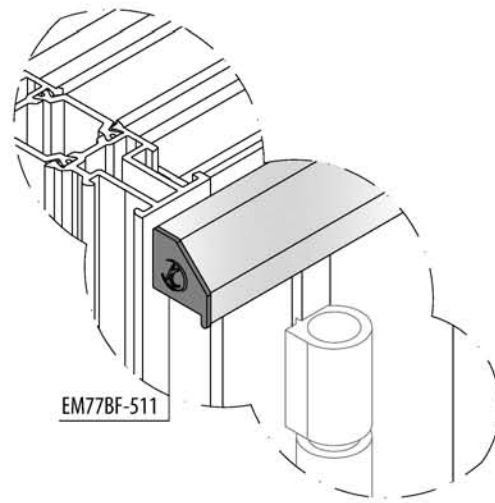
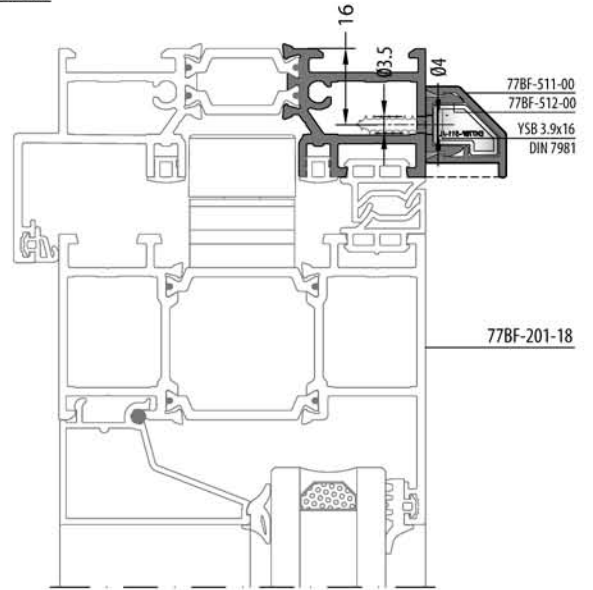
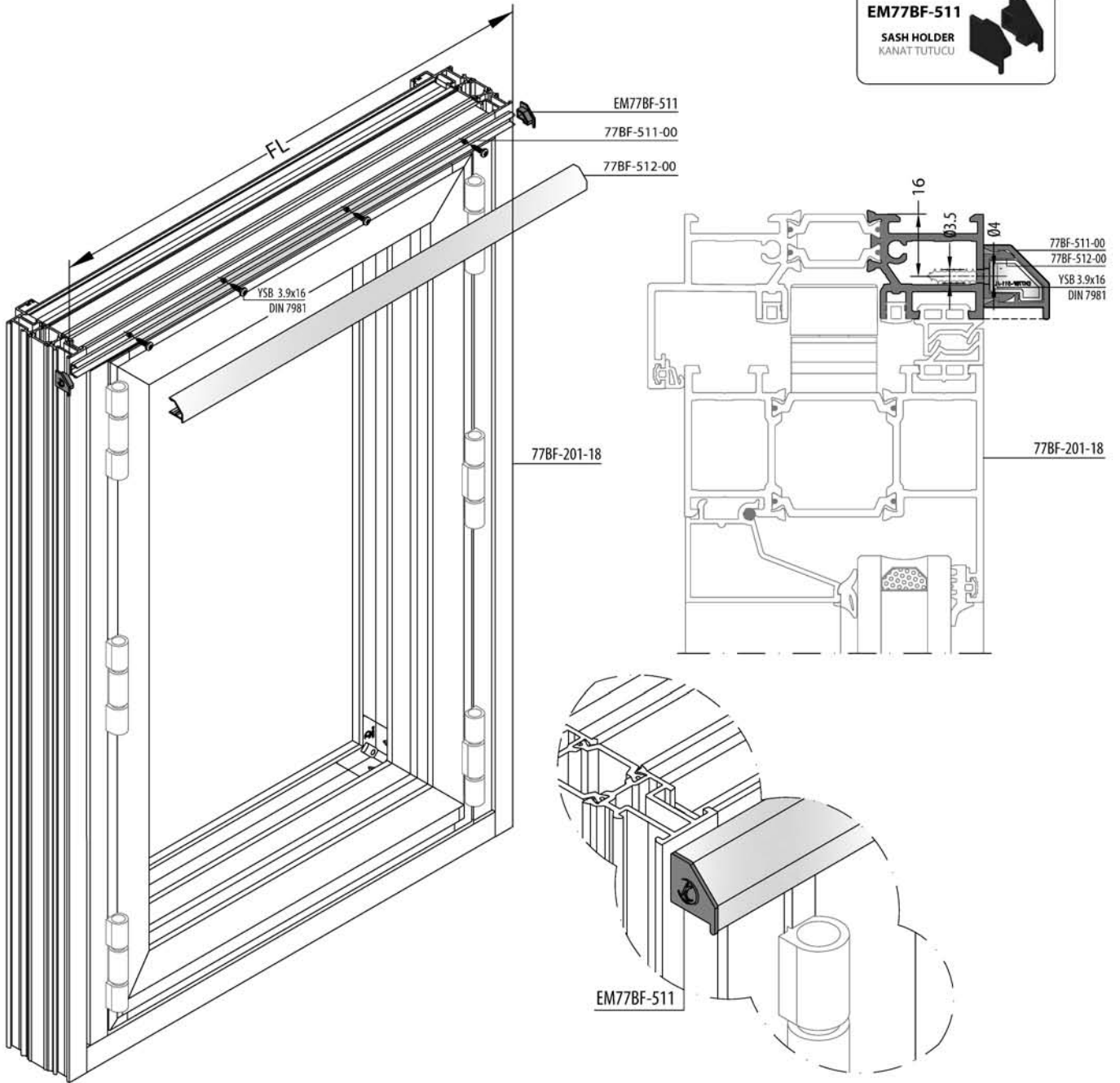


A

CA77BF-121
YSB 4.8x13
DIN 7981

EM3-03 77BF-101-18

ACCESSORIES ASSEMBLY / AKSESUAR UYGULAMASI



ACCESSORIES ASSEMBLY / AKSESUAR UYGULAMASI

ACCESSORIES ASSEMBLY / AKSESUAR UYGULAMASI

AC77BF-101

MINIMAL
HANDLE (INWARD
OPENING)
KOL (İÇE AÇILIR)



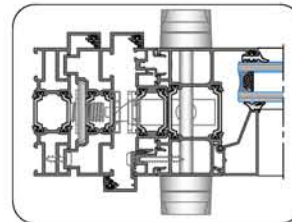
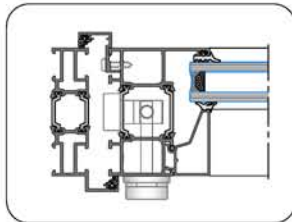
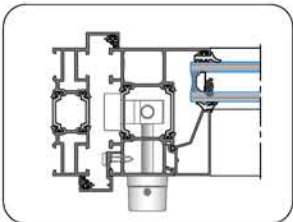
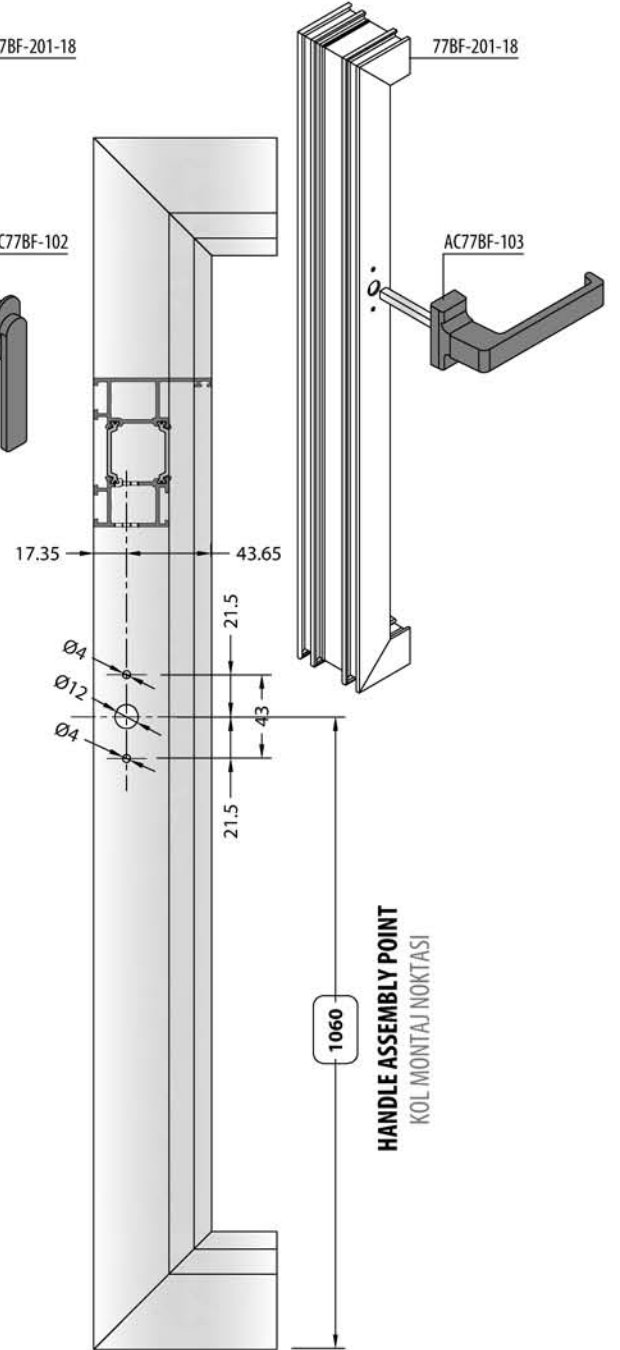
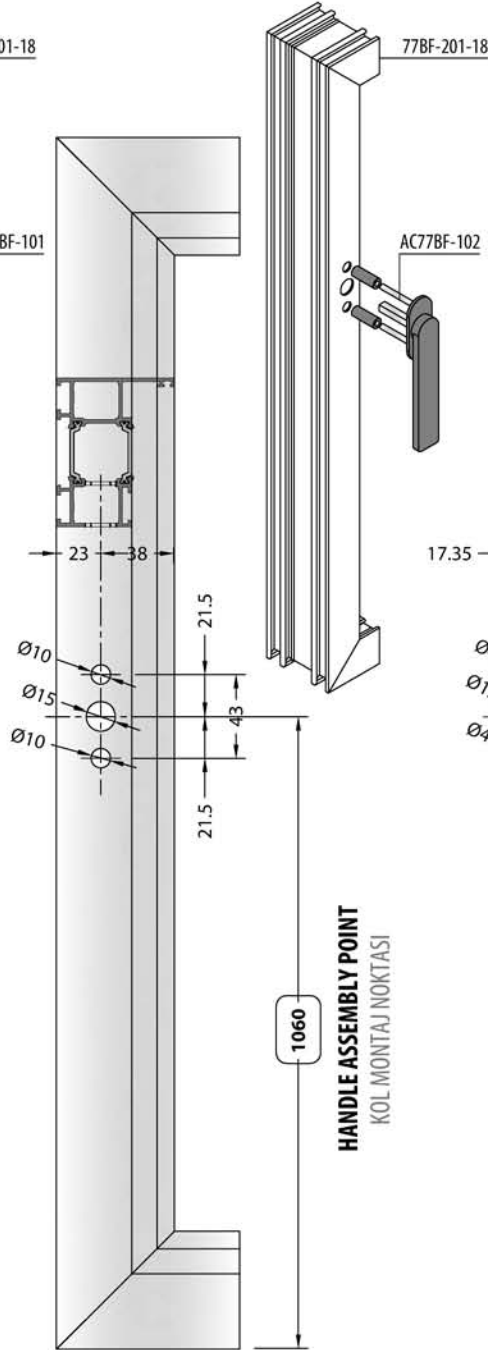
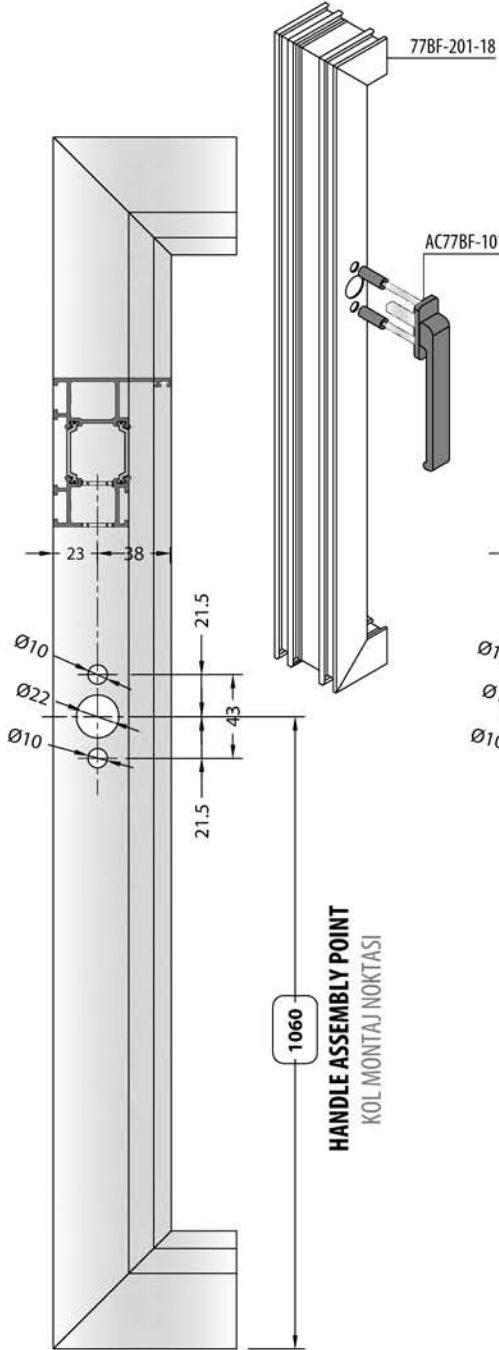
AC77BF-102

MINIMAL HANDLE
(OUTWARD
OPENING)
KOL (DIŞA AÇILIR)



AC77BF-103

DOUBLE
HANDLE
MASTER KOL

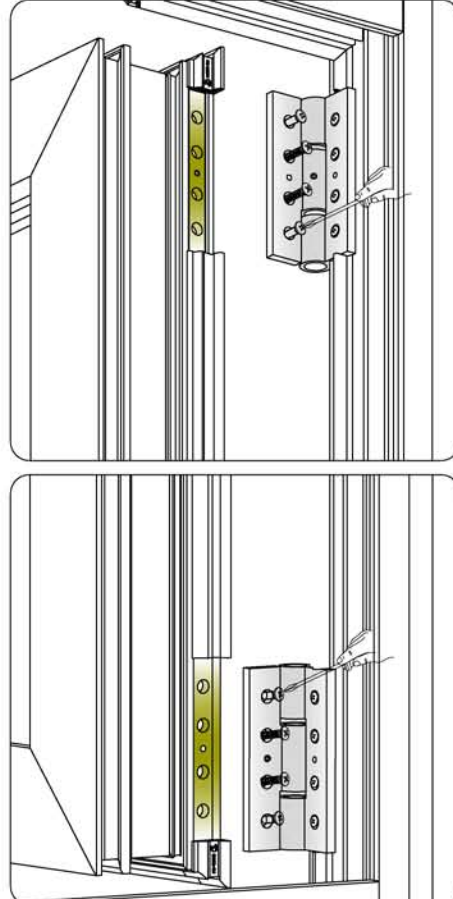
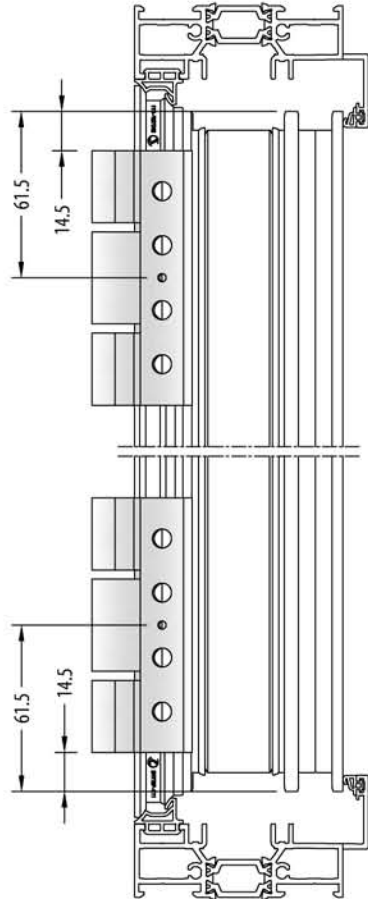
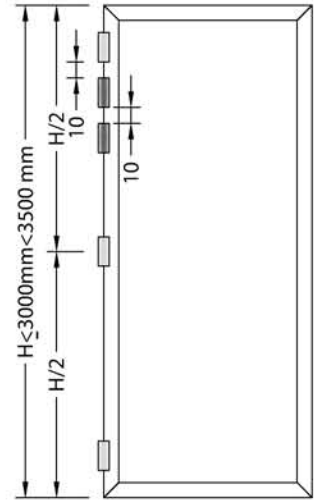
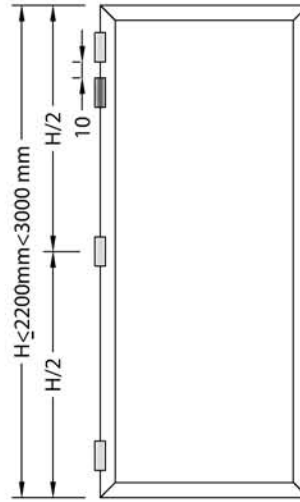
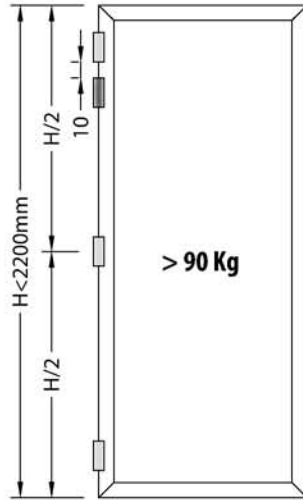
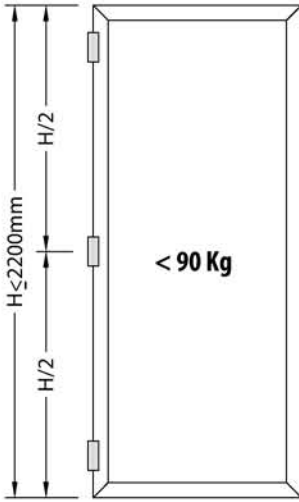


ACCESSORIES ASSEMBLY / AKSESUAR UYGULAMASI

HINGE WITH THREADED PLATE PER SASH / BİR KANATTAKİ KATLANIR MENTEŞE MİKTARI

3 HINGES (MENTEŞE)	Sash (Kanat) < 2200 mm	Sash Weight (Kanat Ağırlık) < 90 Kg
4 HINGES (MENTEŞE)	Sash (Kanat) < 2200 mm	Sash Weight (Kanat Ağırlık) > 90 Kg
4 HINGES (MENTEŞE)	2200 ≤ Sash (Kanat) < 3000 mm	
5 HINGES (MENTEŞE)	3000 ≤ Sash (Kanat) < 3500 mm	

AC77BF-301
HINGE WITH
THREADED PLATE
KATLANIR MENTEŞESİ



AC77BF-101
MINIMAL
HANDLE (INWARD
OPENING)
KOL İÇE AÇILIR

AC77BF-201
TWO-WAY
MOVEMENT
KOL İLETİŞİM
EKİPMANI

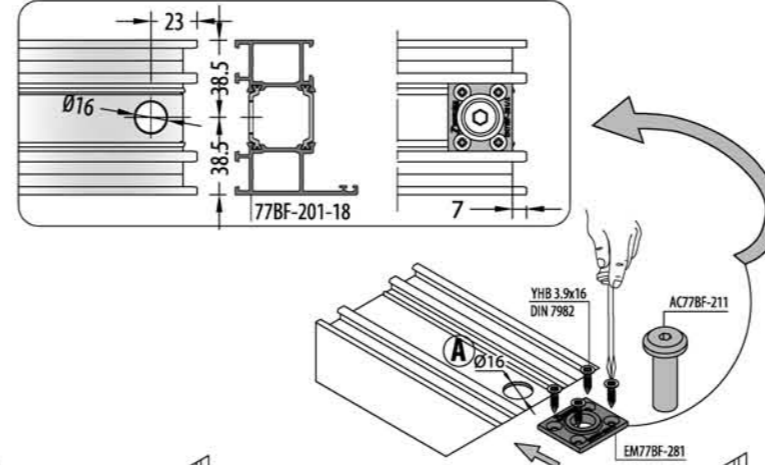
AC77BF-211
LOCKING ROD KIT
KILITLEME
TU TAKIMI

EM77BF-91
ROD GUIDE
PLASTIC
GLÜON KILAVUZ
PLASTİĞİ

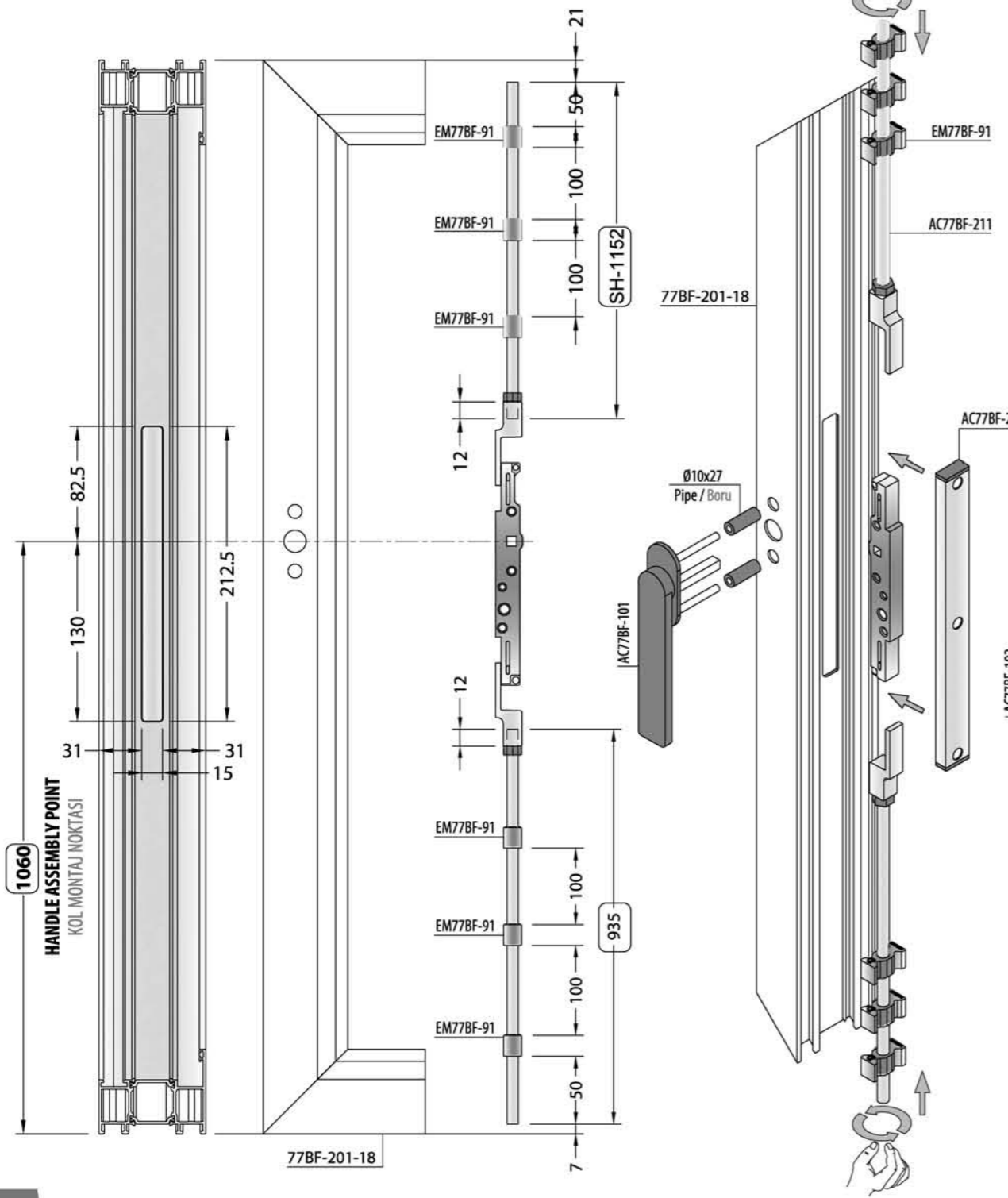
EM77BF-281
SASH GUIDE SET
KANAT KILAVUZ
YUVASI

ACCESSORIES ASSEMBLY / AKSESUAR UYGULAMASI

A DETAIL / A DETAYI

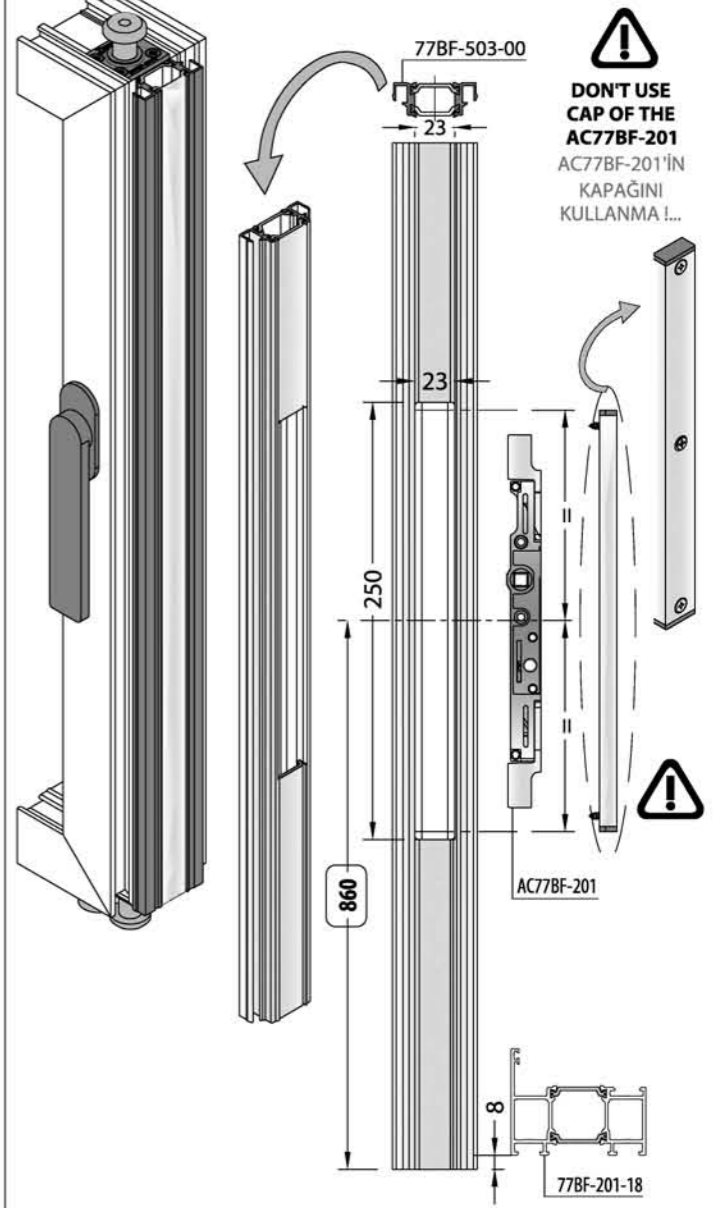


SLIDE INSIDE TO THE SASH PROFILE BEFORE CORNER ASSEMBLY.
KANAT KÖŞESİNİ BİRLEŞTİRMEYEN PROFİL İÇERİSİNE SÜR.



SLIDE INSIDE TO THE SASH PROFILE BEFORE CORNER ASSEMBLY.
KANAT KÖŞESİNİ BİRLEŞTİRMEYEN PROFİL İÇERİSİNE SÜR.

77BF-503-00 NOCHING NEEDS TO BE DONE.
77BF-503-00 KULLANILIYORSA KERTME YAPILMASI GEREKMEKTEDİR.



INSTALL ONLY ON THE LAST SASH.
SADECE SON KANADA TAKILMALIDIR.

AC77BF-103

DOUBLE HANDLE MASTER KOL



AC77BF-202

MULTIPOINT CENTER LOCK TWO WAY KILIT



AC77BF-211

LOCKING ROD KIT KILITLEME TU TAKIMI



EM77BF-91

ROD GUIDE PLASTIC GUON KILAVUZ PLASTIĞI



EM77BF-281

SASH GUIDE SET KANAT KILAVUZ YUVASI



AC77BF-221

ADJUSTABLE COUNTERPLATE KILIT KARŞIĞI



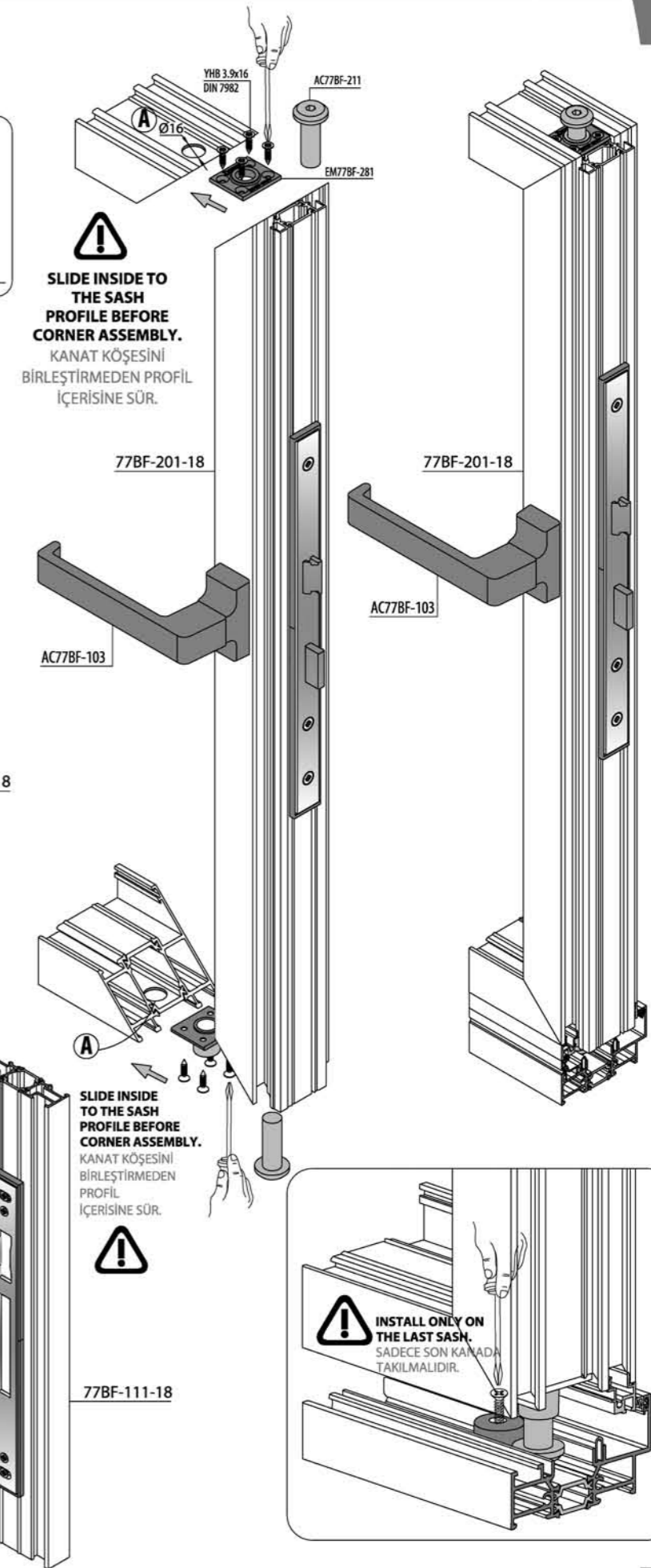
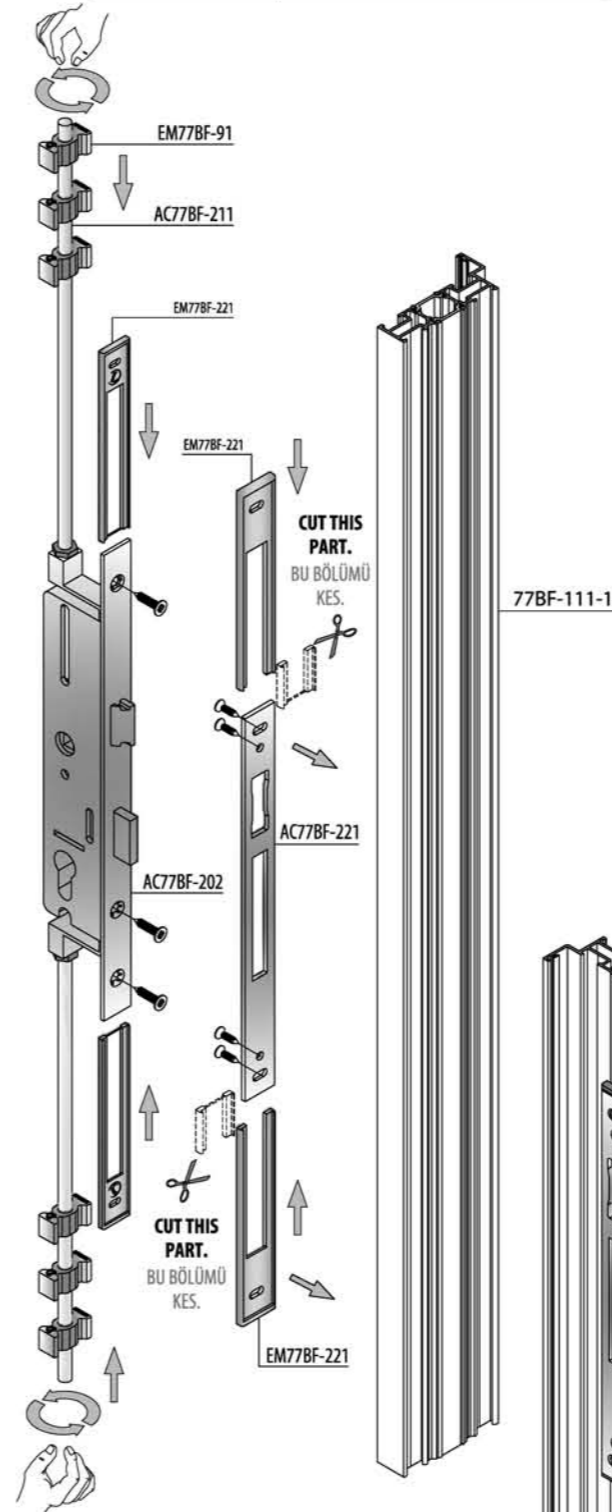
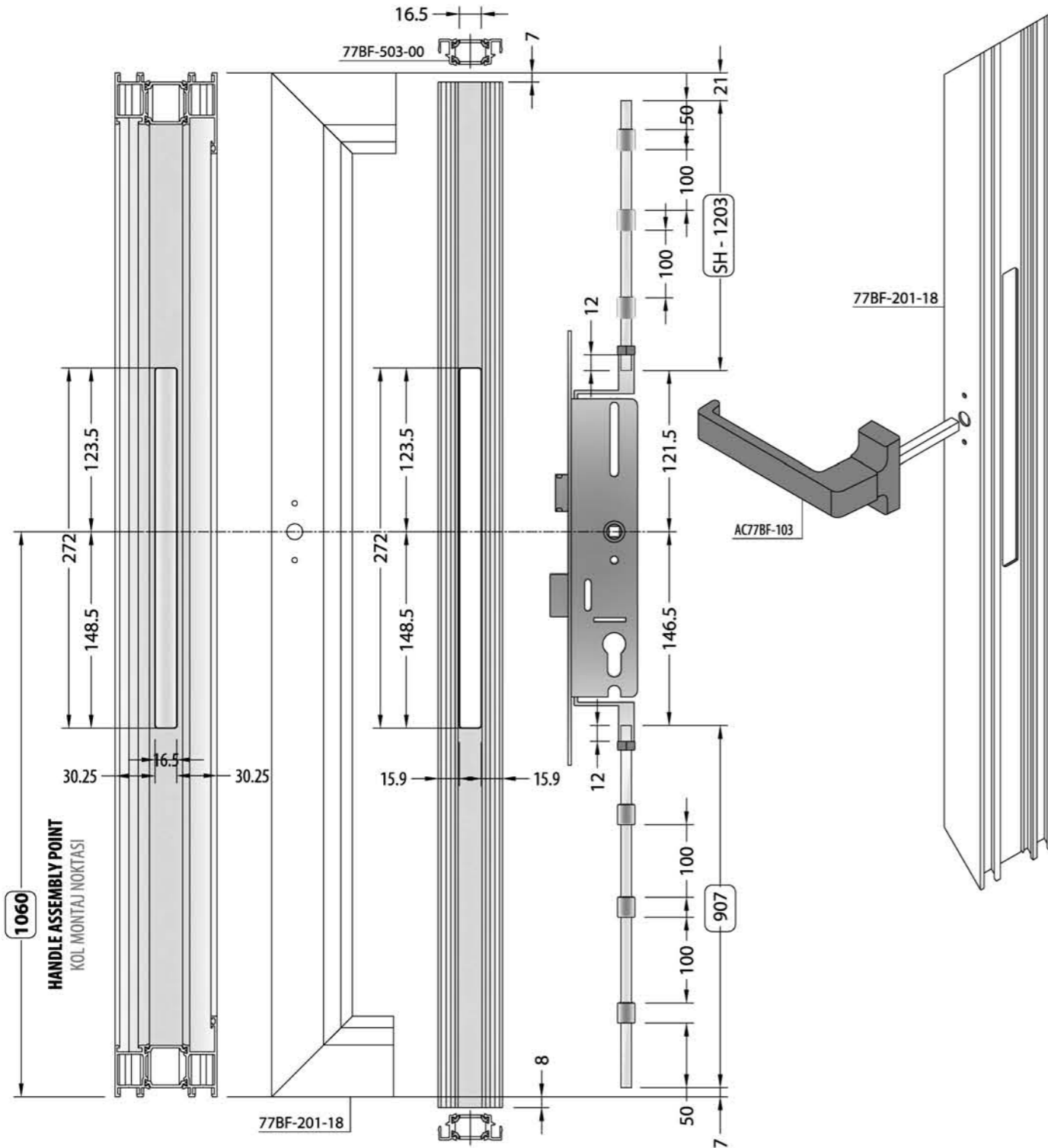
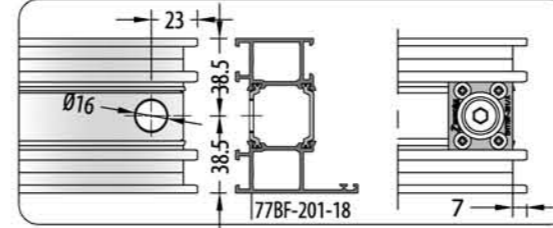
EM77BF-221

LOCK AND STIKER ADAPTER KILIT VE KARŞIĞI ADAPTÖRÜ



ACCESSORIES ASSEMBLY / AKSESUAR UYGULAMASI

A DETAIL / A DETAYI



SLIDE INSIDE TO THE SASH PROFILE BEFORE CORNER ASSEMBLY. KANAT KÖŞESİNİ BİRLEŞTİRMEYEN PROFİL İÇERİSİNE SÜR.

SLIDE INSIDE TO THE SASH PROFILE BEFORE CORNER ASSEMBLY. KANAT KÖŞESİNİ BİRLEŞTİRMEYEN PROFİL İÇERİSİNE SÜR.

INSTALL ONLY ON THE LAST SASH. SADECE SON KANADA TAKILMALIDIR.

ACCESSORIES ASSEMBLY / AKSESUAR UYGULAMASI



IF / EĞER : SH < 2313 MM
TOP SIDE OF THE SPANYOLET SHOULD CUT
İSPANYOLETİN ÜSTÜ KESİLMELİ
2313 - SH

AC77BF-103
DOUBLE
HANDLE
MASTER KOL

AC77BF-203
3 LOCKING POINT
VERTICAL LOCK
3 NOKTADAN
KİLİTLEMELİ
İSPANYOLET

AC77BF-211
LOCKING ROD KIT
KİLİTLEMELİ
TU TAKIMI

AC77BF-204
UPDOWN CONNECTION
FOR TRIPLE LOCK
3 NOKTADAN KİLİTLİ
İSPANYOLET İÇİN GÜÇLÜ
BAĞLANTI ARAÇI

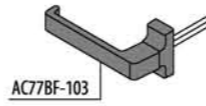
EM77BF-91
ROD GUIDE
PLASTIC
GÜÇLÜ KILAVUZ
PLASTİĞİ

EM77BF-281
SASH GUIDE SET
KANAT KILAVUZ
YUVASI

AC77BF-221
ADJUSTABLE
COUNTERPLATE
KİLİT KARŞIĞI

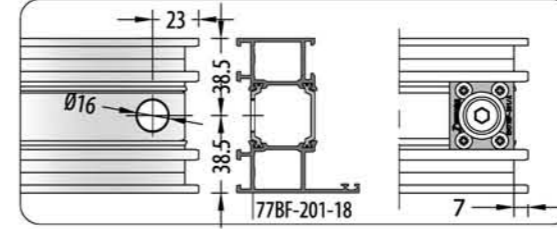
AC77BF-222
ADJUSTABLE
COUNTERPLATE
KİLİT KARŞIĞI

EM77BF-221
LOCK AND STIKER
ADAPTER
KİLİT VE KARŞILIK
ADAPTÖRÜ



AC77BF-103

A DETAIL / A DETAYI



SLIDE INSIDE TO THE SASH
PROFILE BEFORE
CORNER ASSEMBLY.
KANAT KÖŞESİNİ
BİRLEŞTİRMEYEN
PROFİL İÇERİSİNE SÜR.

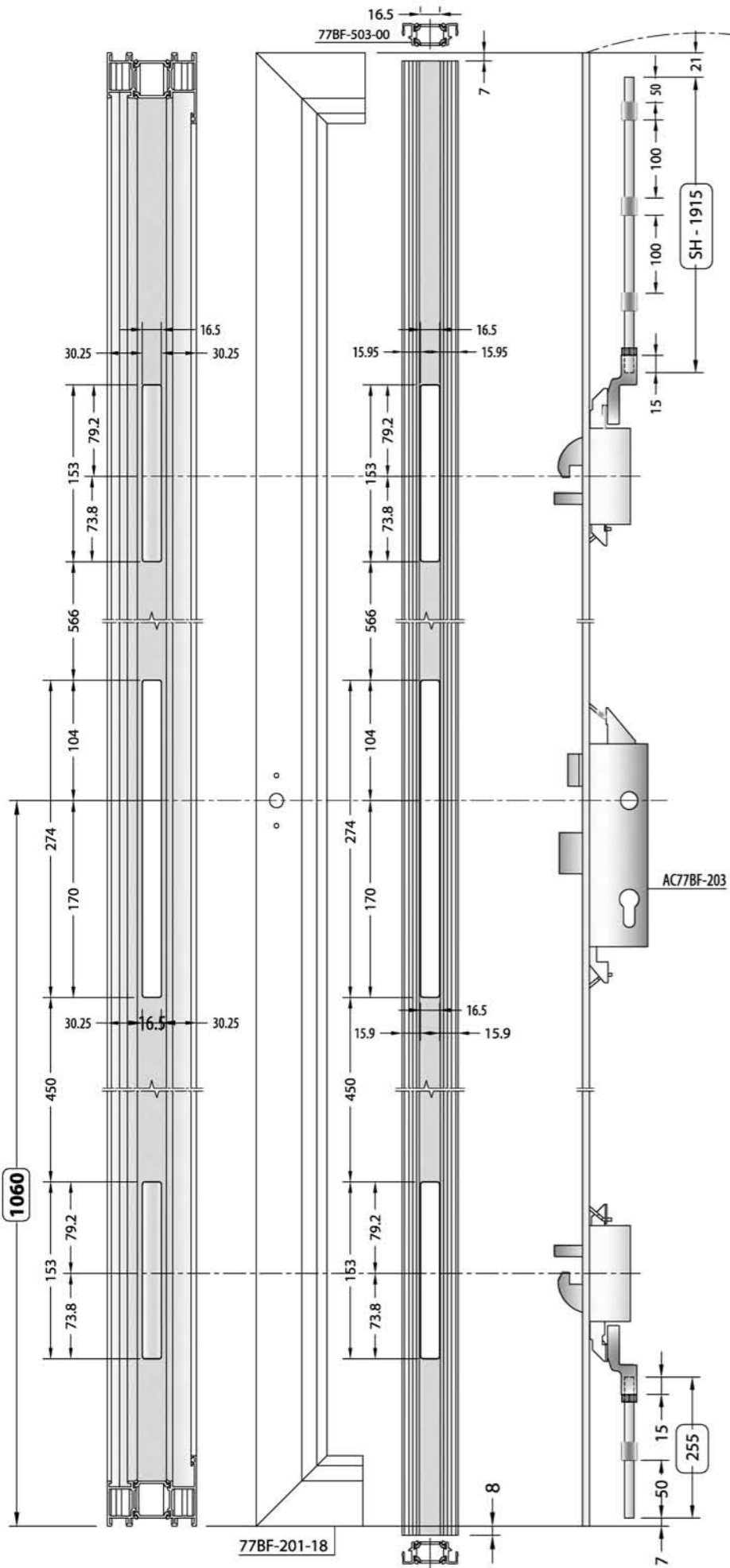


SLIDE INSIDE
TO THE SASH
PROFILE BEFORE
CORNER ASSEMBLY.
KANAT KÖŞESİNİ
BİRLEŞTİRMEYEN
PROFİL
İÇERİSİNE SÜR.



INSTALL ONLY ON
THE LAST SASH.
SADECE SON KANATTA
YAPILMALIDIR.

HANDLE ASSEMBLY POINT
KOL MONTAJ NOKTASI



77BF-111-18

77BF-111-18

77BF-111-18

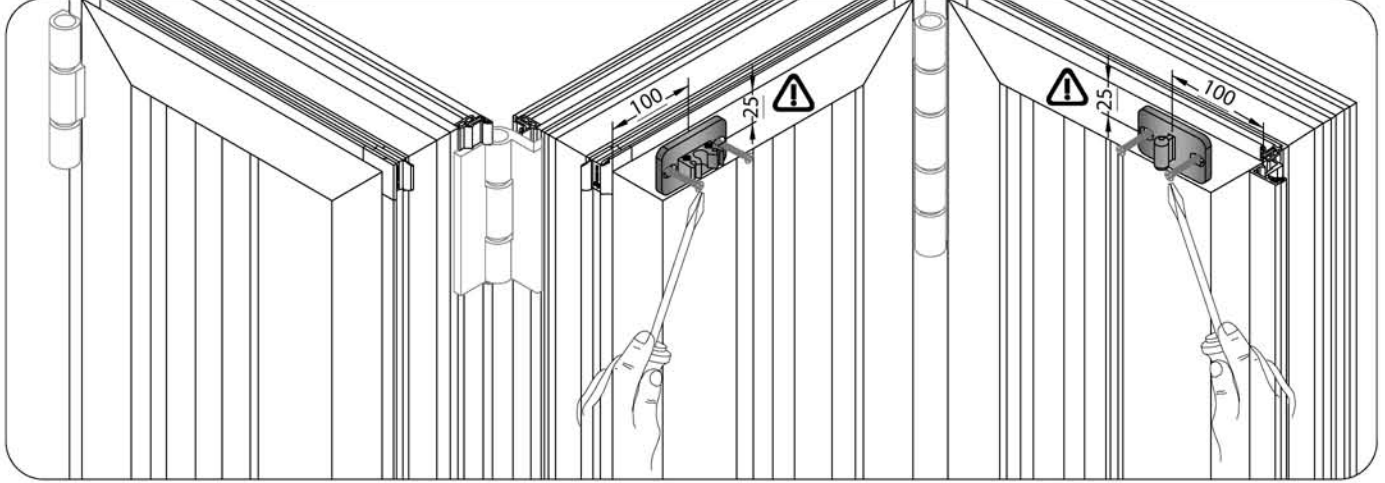
ACCESSORIES ASSEMBLY / AKSESUAR UYGULAMASI

AC77BF-431

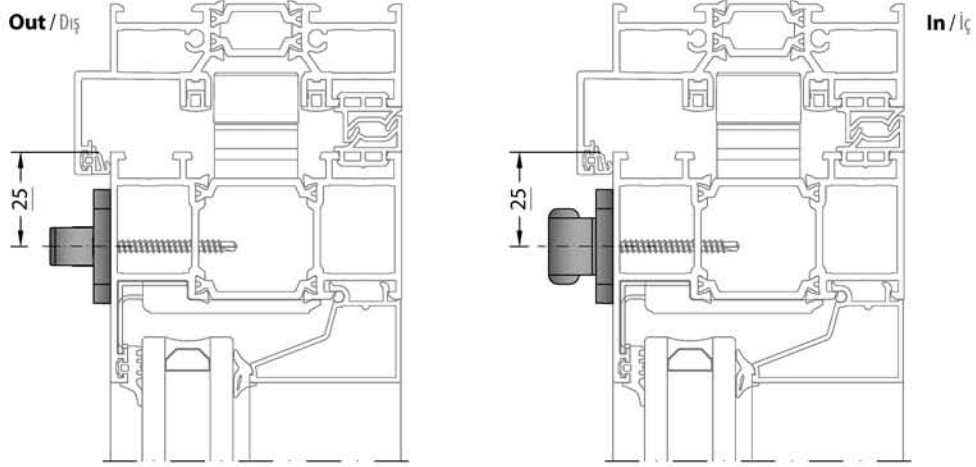
SASH HOLDER
KANAT TUTUCU



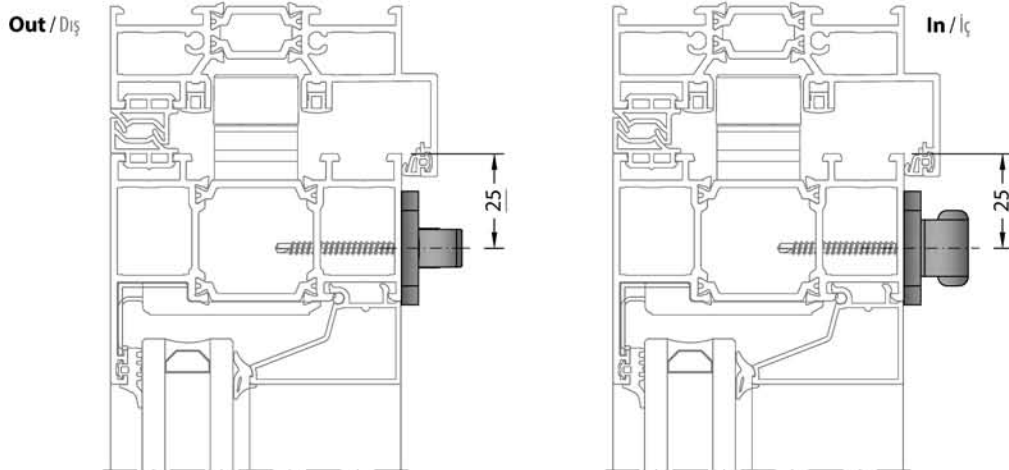
ONLY USE ODD NUMBERED SASHES.
SADECE TEK SAYILI KANATLARDA KULLANIN.
INSTALL ONLY ON THE LAST TWO SASHES.
SADECE SON İKİ KANADA TAKILMALIDIR.



INWARD OPENING / İÇE AÇILIR



OUTWARD OPENING / DIŞA AÇILIR

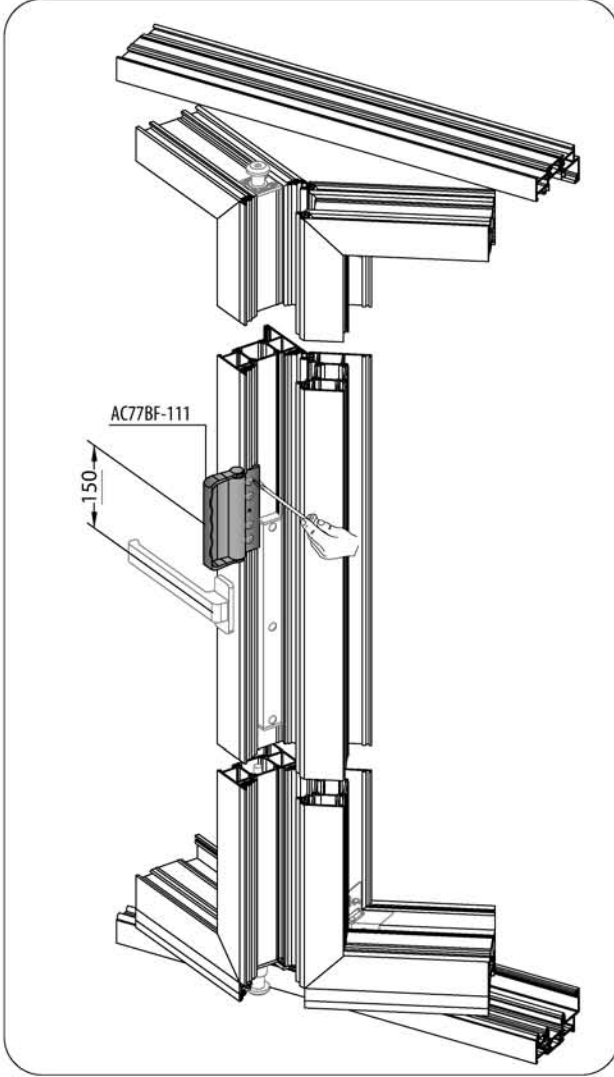


ACCESSORIES ASSEMBLY / AKSESUAR UYGULAMASI

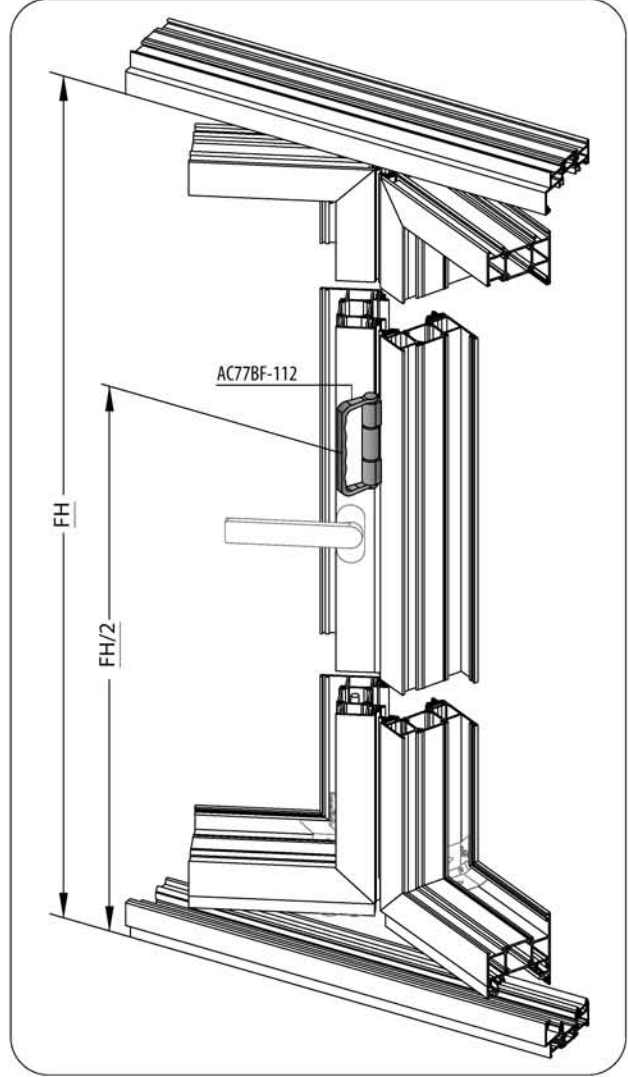
AC77BF-111
PULL HANDLE
ÇEKME KOL



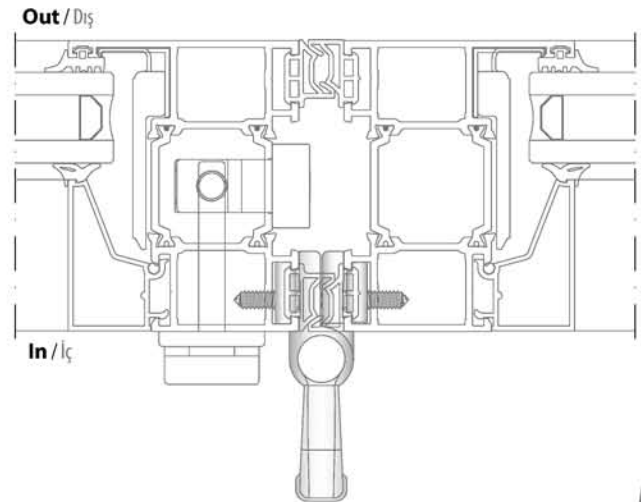
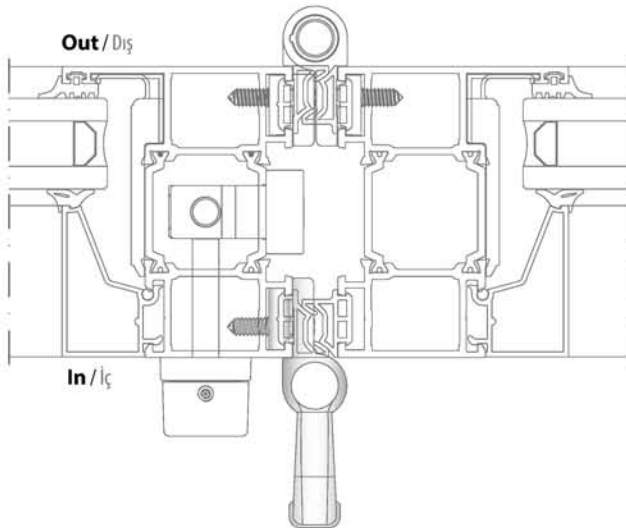
AC77BF-112
HINGE WITH
THREADED PLATE
ÇEKME KOL



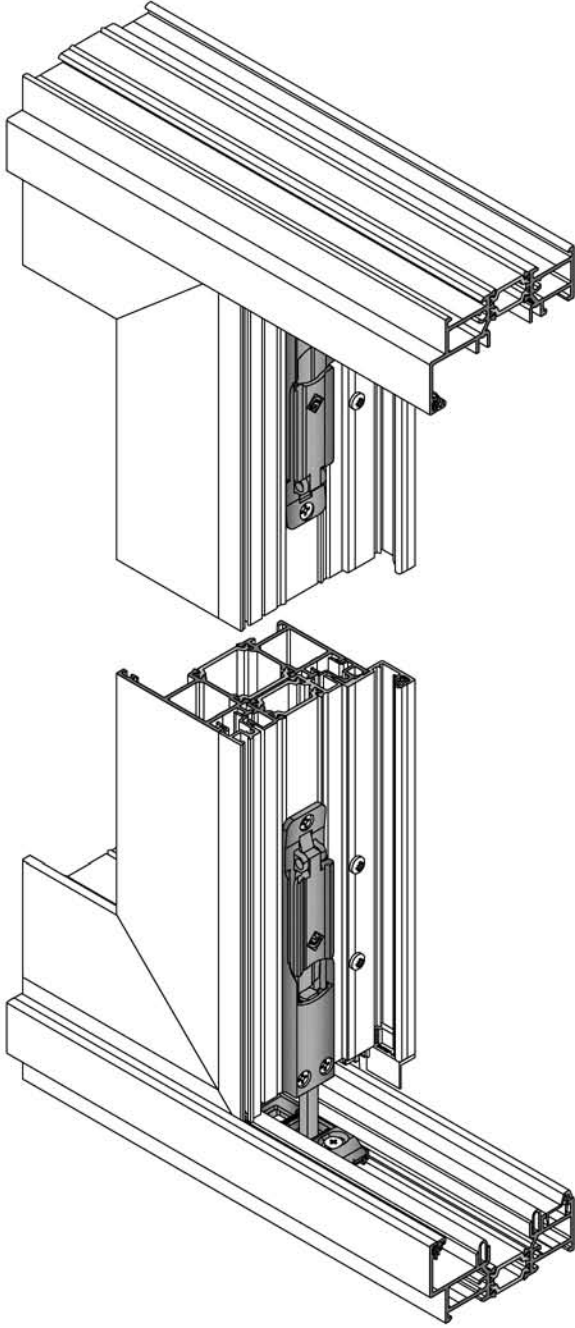
INWARD OPENING / İÇE AÇILIR



OUTWARD OPENING / DIŞA AÇILIR



ACCESSORIES ASSEMBLY / AKSESUAR UYGULAMASI



AC77BF-231
LEVER BOLT
FIŞEK SÜRĞÜ



AC77BF-232
STRIKER
FIŞEK KARŞILIK

