DESIGNED by

LINEA ROSSA®

Teknik Katalog | Technic Catalog

LR 3100

YALITIMLI SÜRME SİSTEM

Insulated sliding system



BEYMETAL ALÜMİNYUM

V05/23

LR 3100

YALITIMLI **SÜRME SİSTEM**

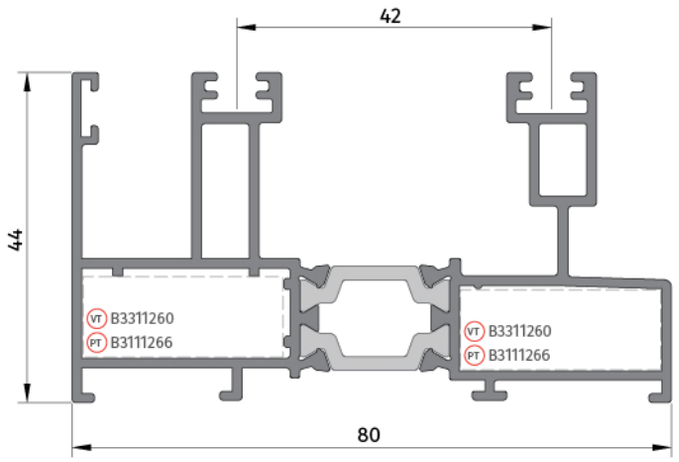
INSULATED SLIDING SYSTEM

Profiller / *Profiles*

PH **Plastik Hizalama** *Plastic Corner Alignment* | KH **Krom Hizalama** *Chrome Corner Alignment* | DB **Dik Bağlantı** *Transom-Mullion Cleat* | PT **Pres Takoz** *Corner Cleat Profile* | VT **Vidalı Takoz** *Corner Spring* | AK **Adaptör Kapağı** *Adapter Cap*

Kertme *Notching* | **Takoz Punch** *Manual Punch* | **Köşe Pres** *Press Tool* | **Testere** *Saw* | **Hızlı Yapıştırıcı** *Adhesive* | **Silikon** *Sealant* | **Falçata** *Curved Knife* | **Tokmak** *Mallet* | **Ambalaj Miktarı** *Packing Unit*

Delik Çapı *Drilling Jig* | **Yalıtım Bantı** *Insulation Tape*



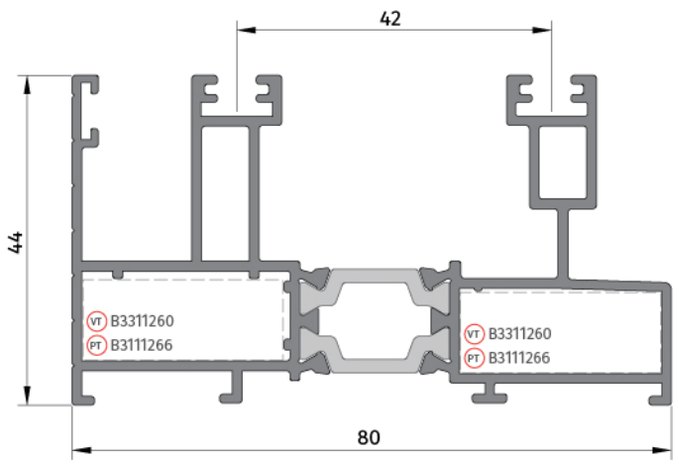
LR-3101

Sürme kasa profili
Sliding frame profile

Statik Değerler
Static Values

Jx	Jy
33,59 cm^4	9,72 cm^4

Ağırlık (Kg/mt.)
Weight (Kg/mt.)
1,508 Kg/mt.



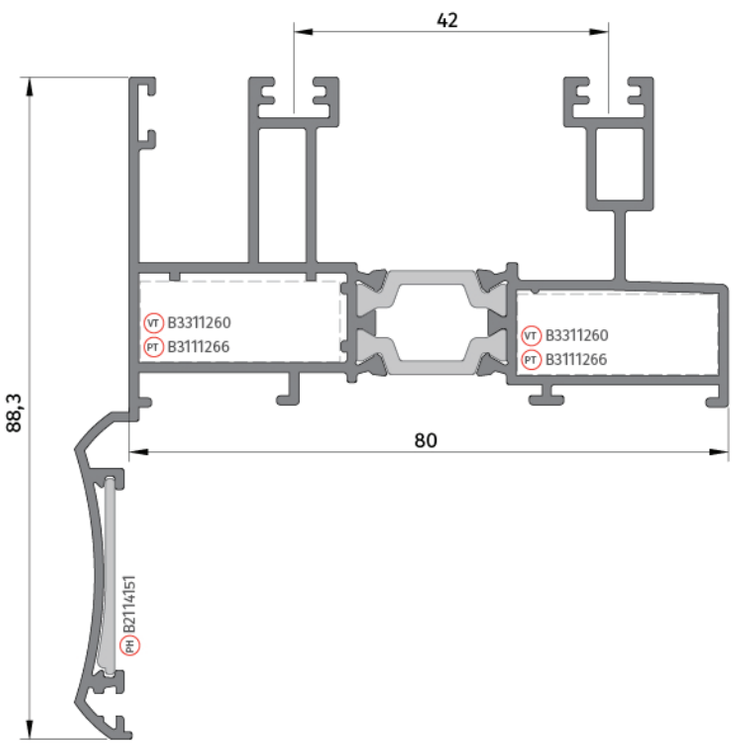
LR-3102

Sürme kasa profili
Sliding frame profile

Statik Değerler
Static Values

Jx	Jy
33,48 cm^4	9,70 cm^4

Ağırlık (Kg/mt.)
Weight (Kg/mt.)
1,503 Kg/mt.



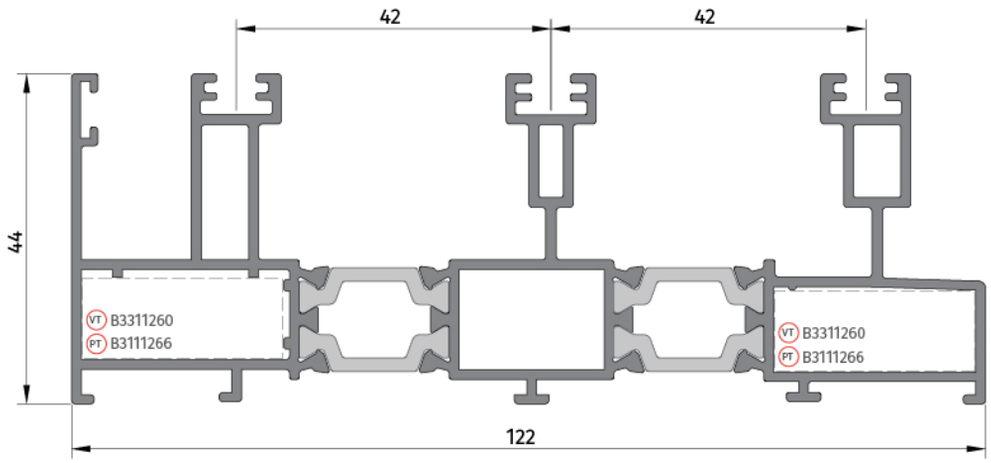
LR-3106

Sürme kasa profili
Sliding frame profile

Statik Değerler
Static Values

Jx	Jy
51,30 cm^4	19,48 cm^4

Ağırlık (Kg/mt.)
Weight (Kg/mt.)
1,734 Kg/mt.



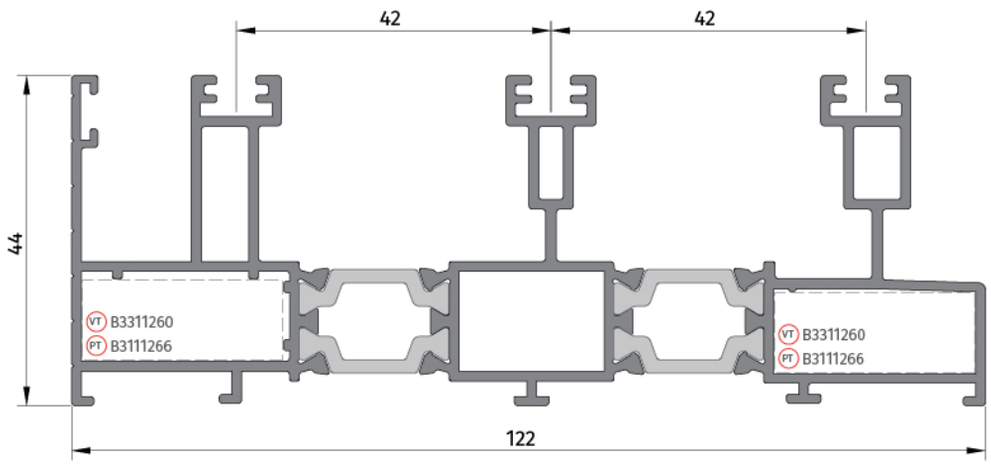
LR-3107

Sürme kasa profili
Sliding frame profile

Statik Değerler
Static Values

Jx	Jy
117,03 cm⁴	14,28 cm⁴

Ağırlık (Kg/mt.)
Weight (Kg/mt.)
2,265 Kg/mt.



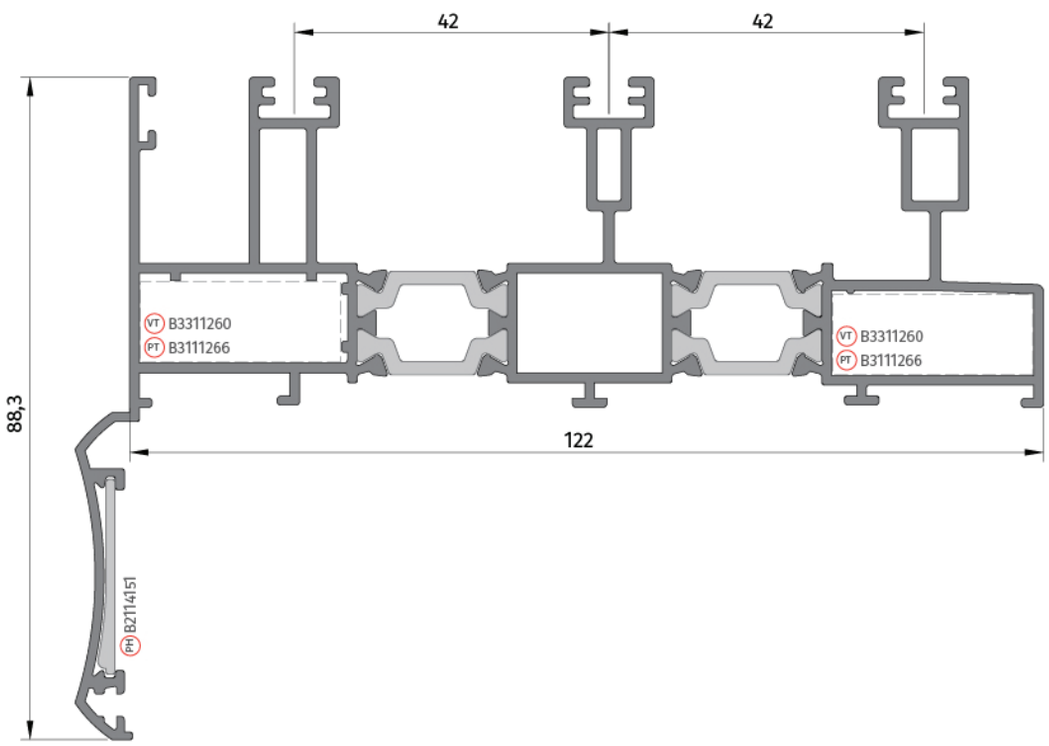
LR-3108

Sürme kasa profili
Sliding frame profile

Statik Değerler
Static Values

Jx	Jy
116,72 cm⁴	14,26 cm⁴

Ağırlık (Kg/mt.)
Weight (Kg/mt.)
2,260 Kg/mt.



LR-3110

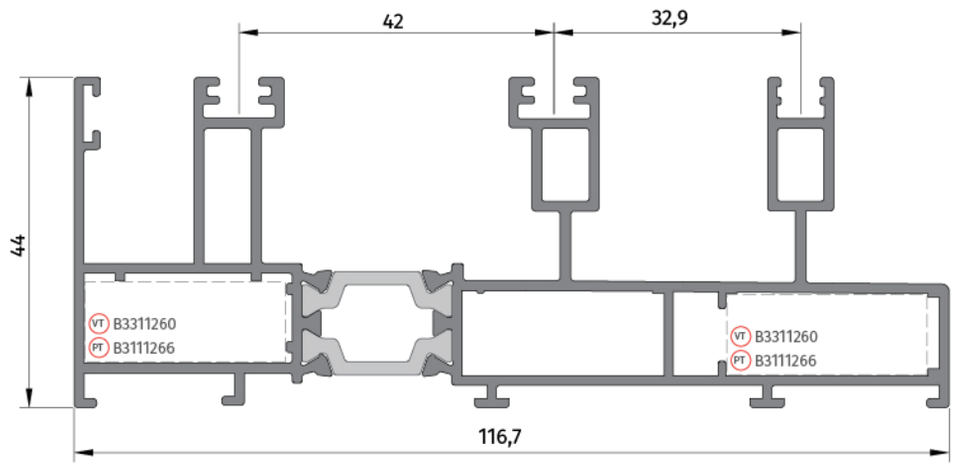
Sürme kasa profili
Sliding frame profile

Statik Değerler
Static Values

Jx	Jy
150,06 cm⁴	26,45 cm⁴

Ağırlık (Kg/mt.)
Weight (Kg/mt.)
2,491 Kg/mt.

ÖLÇEK: 1:1
SCALE: 1:1



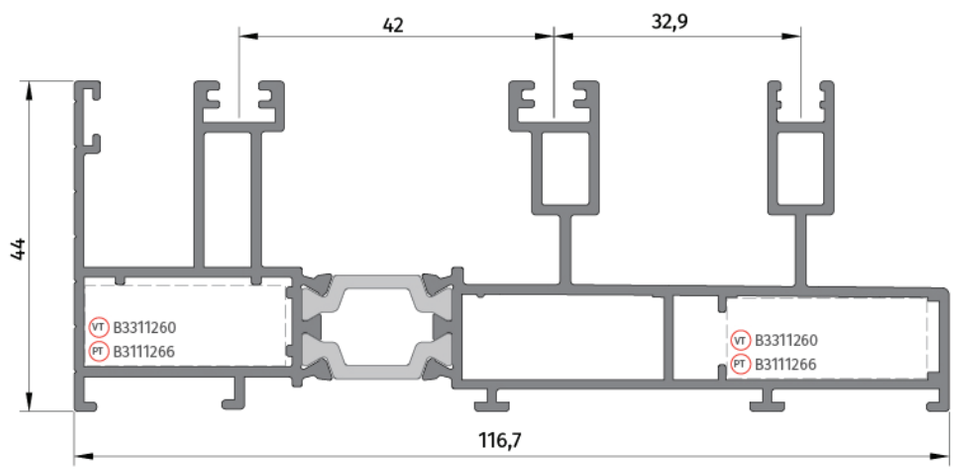
LR-3123

Sürme kasa profili
Sliding frame profile

Statik Değerler
Static Values

Jx	Jy
92,16 cm ^{4}	13,03 cm^4

Ağırlık (Kg/mt.)
Weight (Kg/mt.)
2,046 Kg/mt.



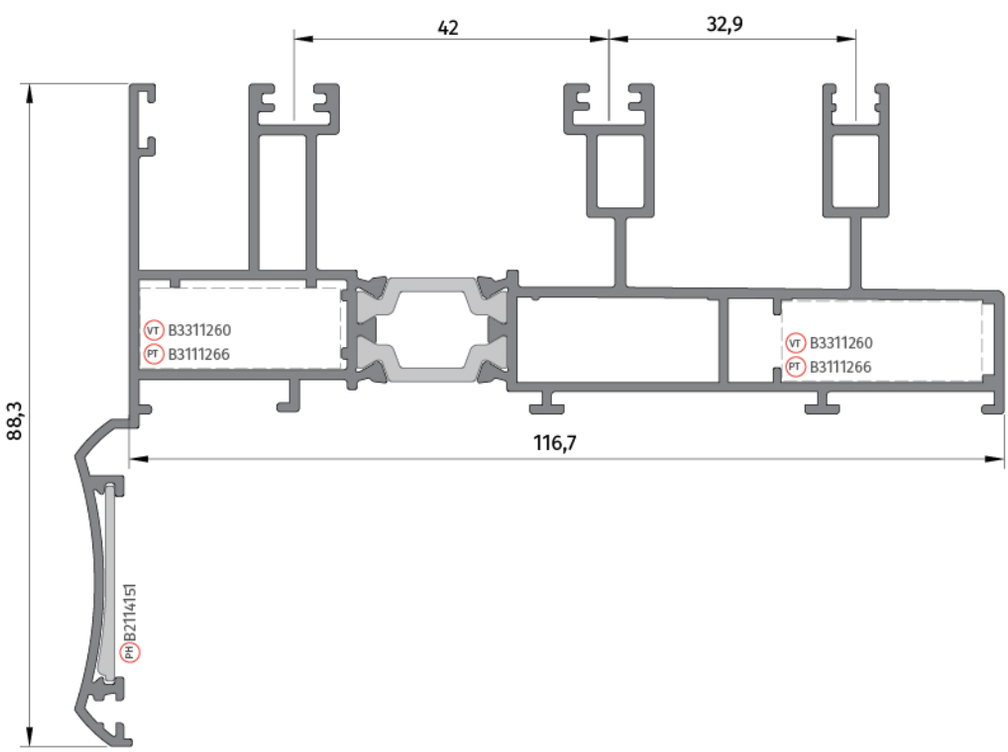
LR-3124

Sürme kasa profili
Sliding frame profile

Statik Değerler
Static Values

Jx	Jy
91,93 cm ^{4}	13,00 cm^4

Ağırlık (Kg/mt.)
Weight (Kg/mt.)
2,041 Kg/mt.



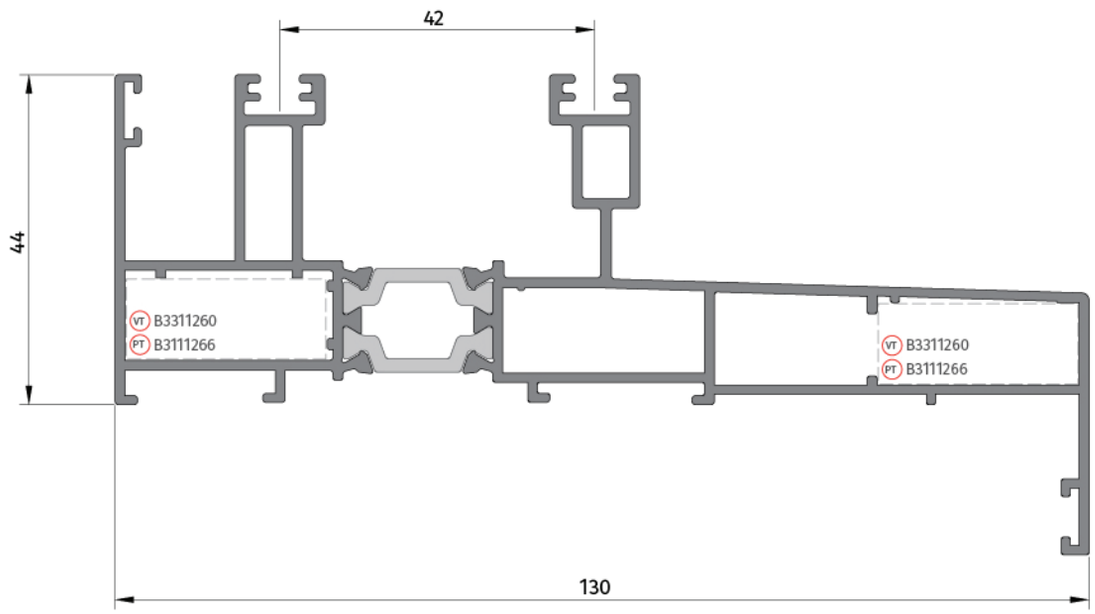
LR-3126

Sürme kasa profili
Sliding frame profile

Statik Değerler
Static Values

Jx	Jy
119,62 cm ^{4}	25,18 cm^4

Ağırlık (Kg/mt.)
Weight (Kg/mt.)
2,272 Kg/mt.



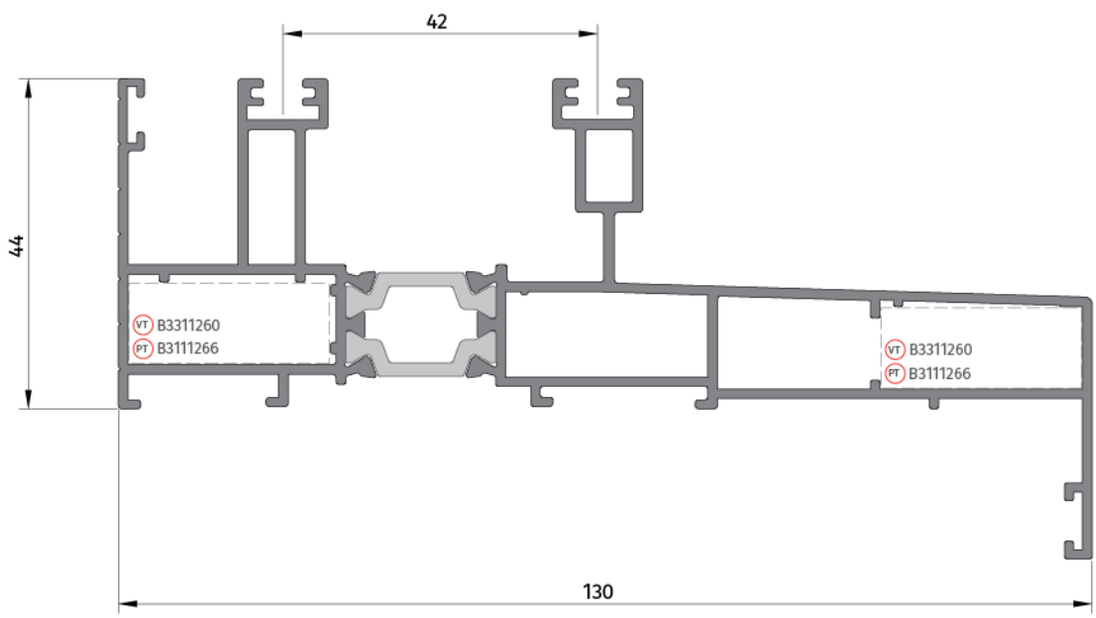
LR-3129

Sürme kasa profili
Sliding frame profile

Statik Değerler
Static Values

Jx	Jy
116,32 cm⁴	11,40 cm⁴

Ağırlık (Kg/mt.)
Weight (Kg/mt.)
1,992 Kg/mt.



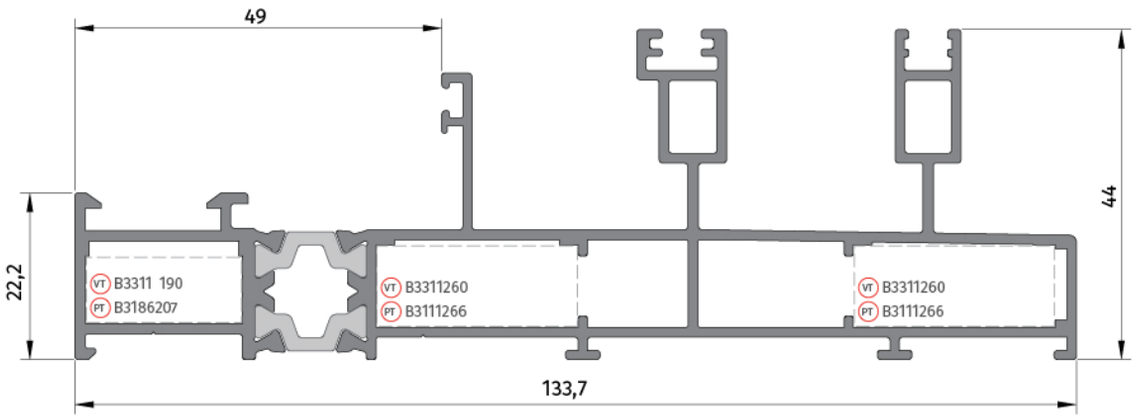
LR-3136

Sürme kasa profili
Sliding frame profile

Statik Değerler
Static Values

Jx	Jy
116,06 cm⁴	11,38 cm⁴

Ağırlık (Kg/mt.)
Weight (Kg/mt.)
1,987 Kg/mt.



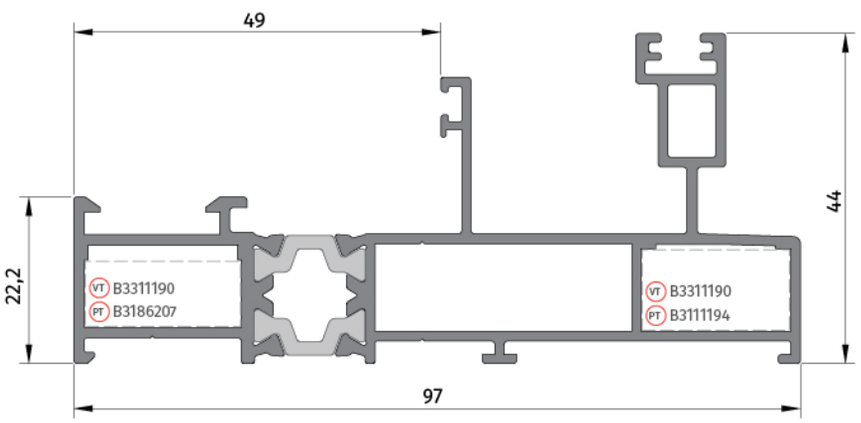
LR-3144

Tekli ray kapama profili
Sliding rail frame

Statik Değerler
Static Values

Jx	Jy
121,96 cm⁴	10,13 cm⁴

Ağırlık (Kg/mt.)
Weight (Kg/mt.)
2,065 Kg/mt.



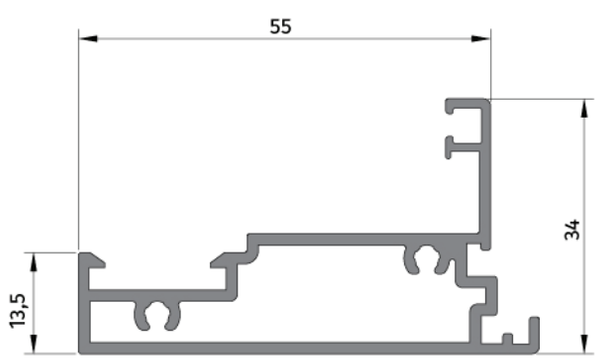
LR-3143

Tekli ray kapama profili
Sliding rail frame

Statik Değerler
Static Values

Jx	Jy
50,81 cm⁴	6,48 cm⁴

Ağırlık (Kg/mt.)
Weight (Kg/mt.)
1,532 Kg/mt.



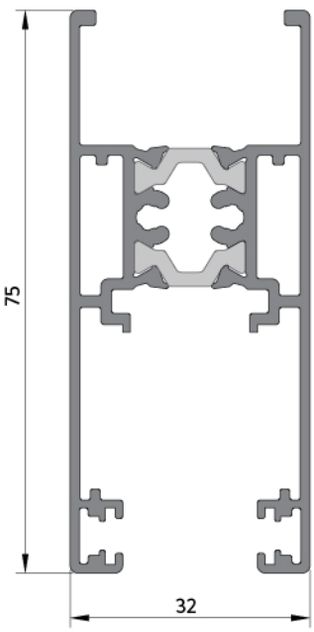
LR-3142

Kenetli kayıt profili
Vertical transom profile

Statik Değerler
Static Values

Jx	Jy
11,61 cm⁴	1,86 cm⁴

Ağırlık (Kg/mt.)
Weight (Kg/mt.)
0,820 Kg/mt.



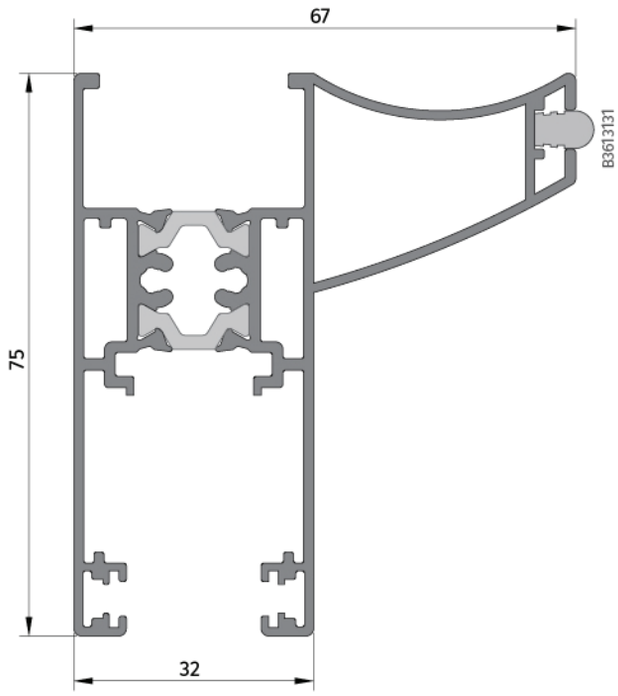
LR-3111

Sürme kanat profili
Sliding vent profile

Statik Değerler
Static Values

Jx	Jy
6,80 cm 4	17,92 cm4

Ağırlık (Kg/mt.)
Weight (Kg/mt.)
1,272 Kg/mt.



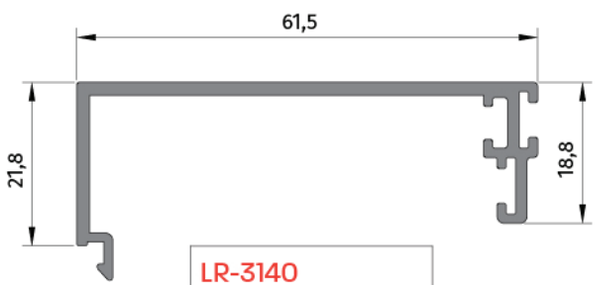
LR-3114

Sürme kanat profili
Sliding vent profile

Statik Değerler
Static Values

Jx	Jy
13,99 cm 4	31,49 cm4

Ağırlık (Kg/mt.)
Weight (Kg/mt.)
1,598 Kg/mt.



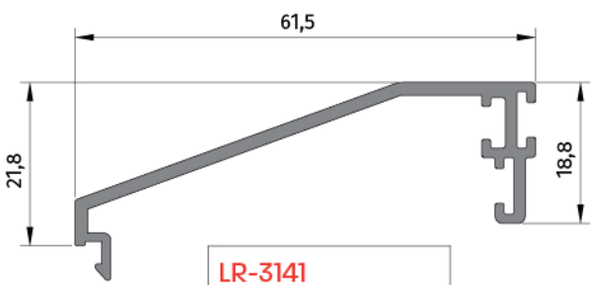
LR-3140

Tekli kasa adaptör profili
Adapter Profile

Statik Değerler
Static Values

Jx	Jy
10,48 cm 4	0,95 cm 4

Ağırlık (Kg/mt.)
Weight (Kg/mt.)
0,525 Kg/mt.



LR-3141

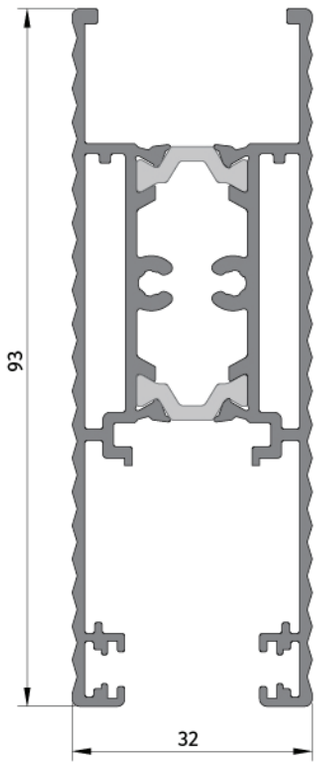
Tekli kasa adaptör profili
Adapter Profile

Statik Değerler
Static Values

Jx	Jy
8,21 cm 4	0,48 cm 4

Ağırlık (Kg/mt.)
Weight (Kg/mt.)
0,466 Kg/mt.

ÖLÇEK: 1:1
SCALE: 1:1



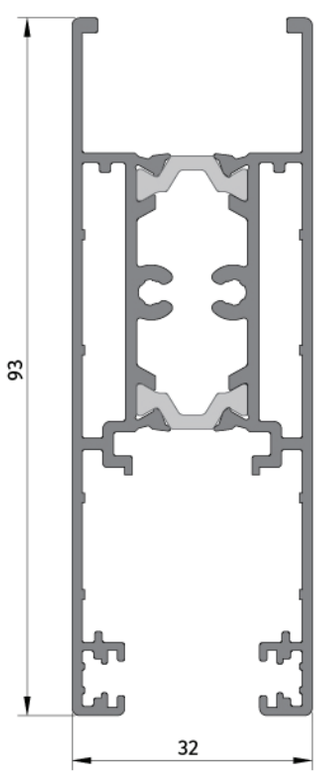
LR-3112

Baza profili
Kickplate profile

Statik Değerler
Static Values

Jx	Jy
8,24 cm^4	35,65 cm^4

Ağırlık (Kg/mt.)
Weight (Kg/mt.)
1,618 Kg/mt.



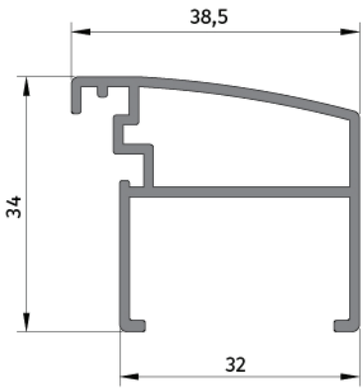
LR-3113

Baza profili
Kickplate profile

Statik Değerler
Static Values

Jx	Jy
8,50 cm^4	35,76 cm^4

Ağırlık (Kg/mt.)
Weight (Kg/mt.)
1,626 Kg/mt.



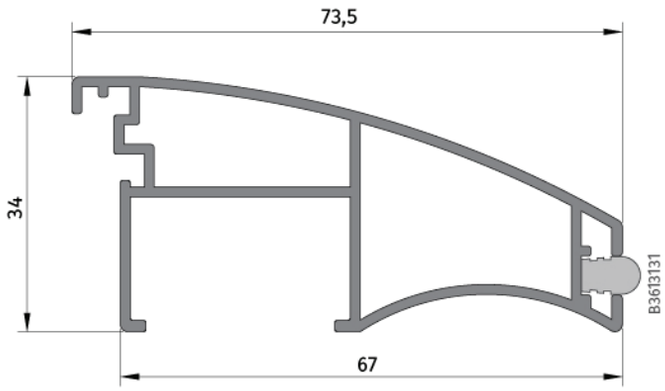
LR-3115

Kenetli kanat profili
Vent profile

Statik Değerler
Static Values

Jx	Jy
3,35 cm⁴	1,66 cm⁴

Ağırlık (Kg/mt.)
Weight (Kg/mt.)
0,512 Kg/mt.



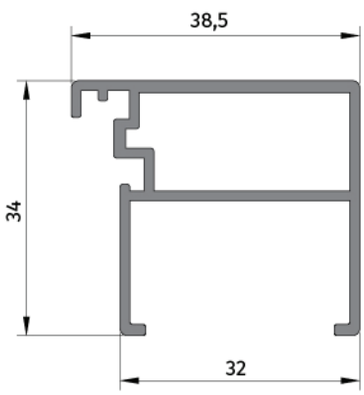
LR-3116

Kenetli kanat profili
Vent profile

Statik Değerler
Static Values

Jx	Jy
17,16 cm⁴	2,54 cm⁴

Ağırlık (Kg/mt.)
Weight (Kg/mt.)
0,856 Kg/mt.



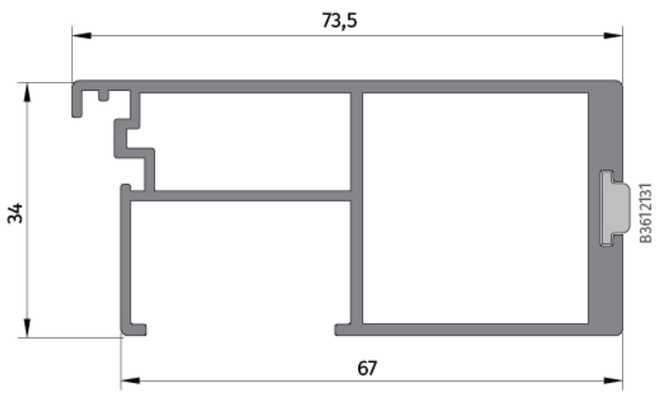
LR-3145

Kenetli kanat profili
Vent profile

Statik Değerler
Static Values

Jx	Jy
3,52 cm⁴	2,05 cm⁴

Ağırlık (Kg/mt.)
Weight (Kg/mt.)
0,555 Kg/mt.



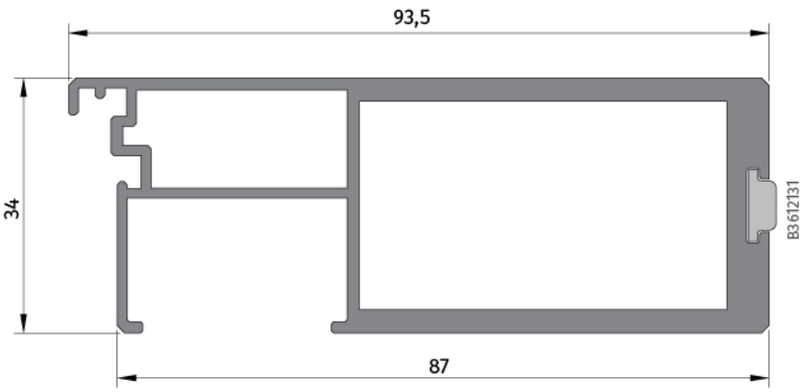
LR-3146

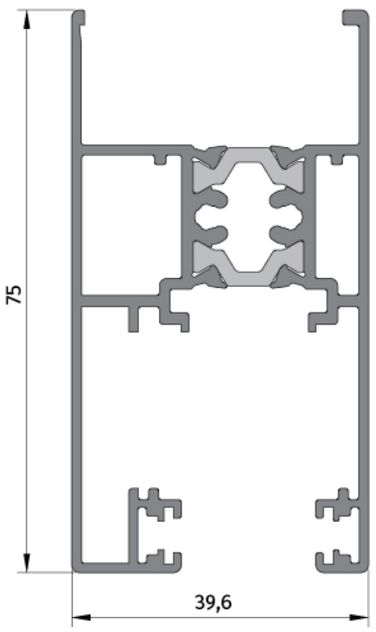
Kenetli kanat profili
Vent profile

Statik Değerler
Static Values

Jx	Jy
26,20 cm⁴	6,17 cm⁴

Ağırlık (Kg/mt.)
Weight (Kg/mt.)
1,195 Kg/mt.





YENİ KALIP

Kenetli kanat profili
Vent profile

Statik Değerler
Static Values

Jx	Jy
57,00 cm^4	11,34 cm^4

Ağırlık (Kg/mt.)
Weight (Kg/mt.)
1,850 Kg/mt.

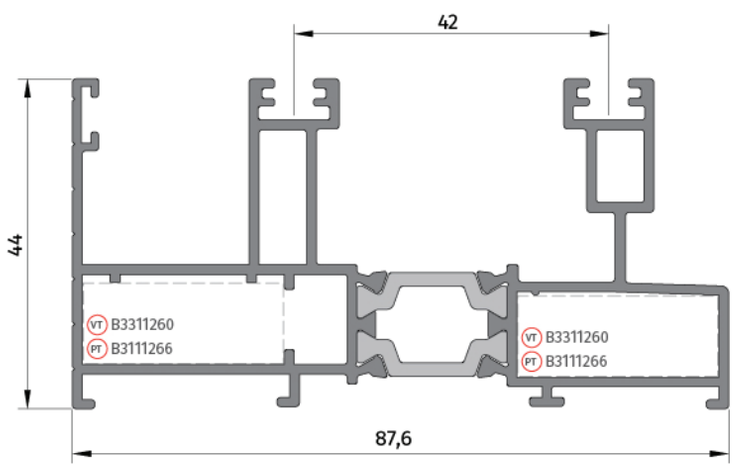
LR-3117

Sürme kanat profili
Sliding vent profile

Statik Değerler
Static Values

Jx	Jy
10,43 cm^4	20,73 cm^4

Ağırlık (Kg/mt.)
Weight (Kg/mt.)
1,392 Kg/mt.



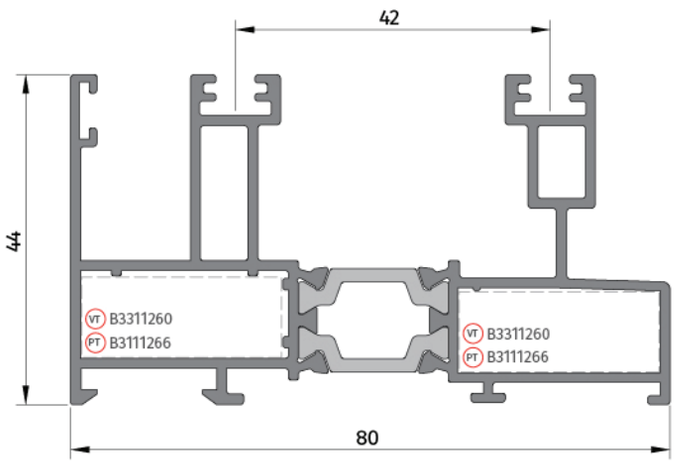
LR-3127

Sürme kasa profili
Sliding frame profile

Statik Değerler
Static Values

Jx	Jy
40,67 cm^4	9,96 cm^4

Ağırlık (Kg/mt.)
Weight (Kg/mt.)
1,567 Kg/mt.



LR-3139

Sürme kasa profili
Sliding frame profile

Statik Değerler
Static Values

Jx	Jy
33,87 cm⁴	9,89 cm⁴

Ağırlık (Kg/mt.)
Weight (Kg/mt.)
1,524 Kg/mt.

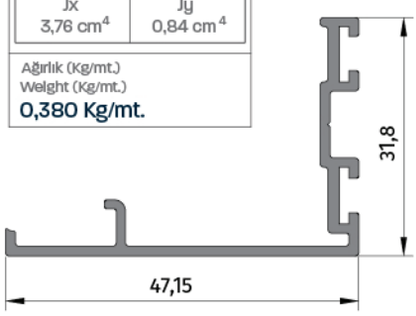
LR-3122

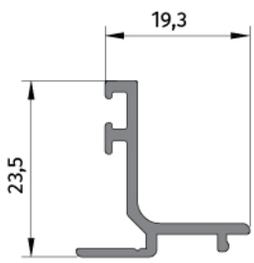
Kenet Profili
Hook Profile

Statik Değerler
Static Values

Jx	Jy
3,76 cm⁴	0,84 cm⁴

Ağırlık (Kg/mt.)
Weight (Kg/mt.)
0,380 Kg/mt.





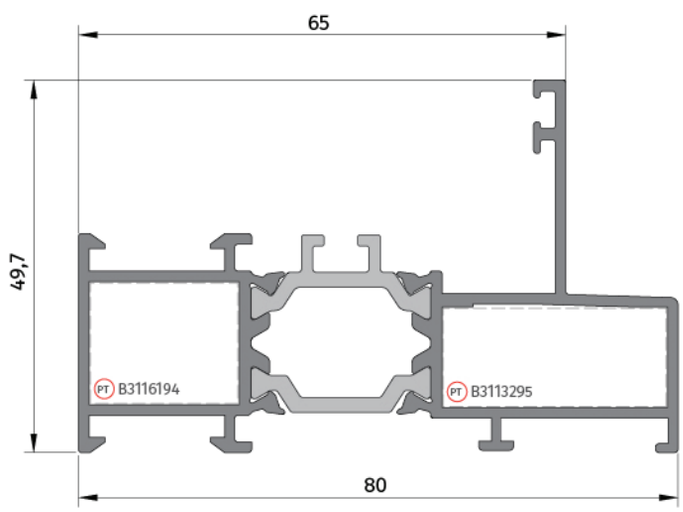
LR-3138

Adaptör Profili
Adapter Profile

Statik Değerler
Static Values

Jx	Jy
0,15 cm⁴	0,05 cm⁴

Ağırlık (Kg/mt.)
Weight (Kg/mt.)
0,210 Kg/mt.



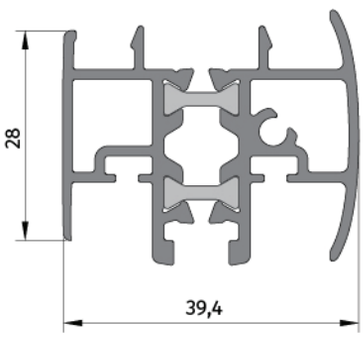
LR-5105

Kasa profili
Frame profile

Statik Değerler
Static Values

Jx	Jy
28,91 cm⁴	6,20 cm⁴

Ağırlık (Kg/mt.)
Weight (Kg/mt.)
1,312 Kg/mt.



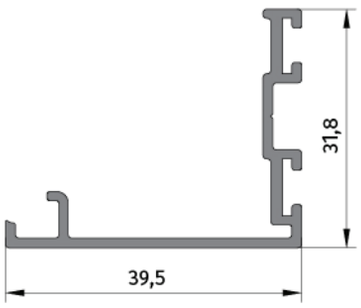
LR-3133

Orta kilitleme profili
Center locking profile

Statik Değerler
Static Values

Jx	Jy
4,56 cm⁴	2,33 cm⁴

Ağırlık (Kg/mt.)
Weight (Kg/mt.)
0,937 Kg/mt.



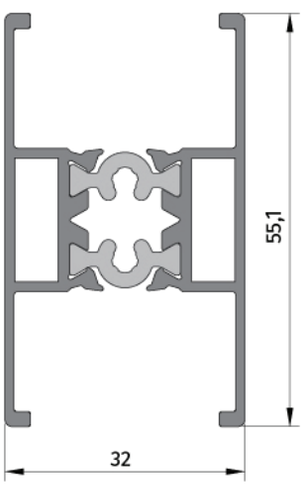
LR-3121

Kenet Profili
Hook profile

Statik Değerler
Static Values

Jx	Jy
2,76 cm⁴	0,75 cm⁴

Ağırlık (Kg/mt.)
Weight (Kg/mt.)
0,353 Kg/mt.



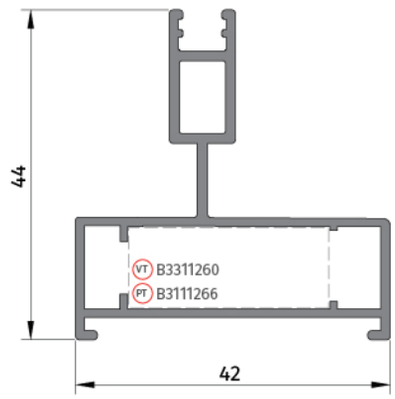
LR-3132

Kayıt profili
Transom profile

Statik Değerler
Static Values

Jx	Jy
4,70 cm⁴	5,49 cm⁴

Ağırlık (Kg/mt.)
Weight (Kg/mt.)
0,931 Kg/mt.



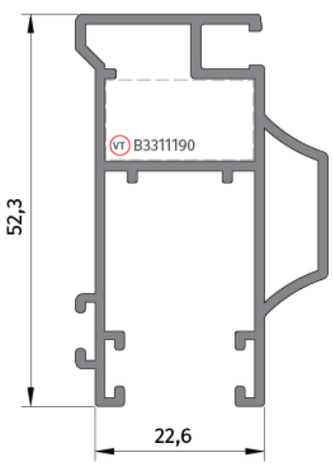
LR-2109

Sineklik kasa profili
Flyscreen profile

Statik Değerler
Static Values

Jx	Jy
2,87 cm⁴	3,87 cm⁴

Ağırlık (Kg/mt.)
Weight (Kg/mt.)
0,582 Kg/mt.



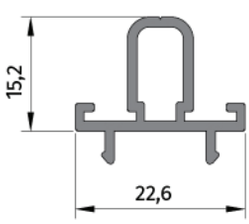
LR-3120

Sineklik profili
Flyscreen profile

Statik Değerler
Static Values

Jx	Jy
3,28 cm⁴	6,92 cm⁴

Ağırlık (Kg/mt.)
Weight (Kg/mt.)
0,769 Kg/mt.



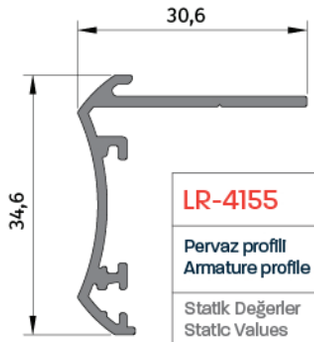
LR-3130

Sineklik orta profili
Flyscreen center profile

Statik Değerler
Static Values

Jx	Jy
0,31 cm⁴	0,25 cm⁴

Ağırlık (Kg/mt.)
Weight (Kg/mt.)
0,250 Kg/mt.



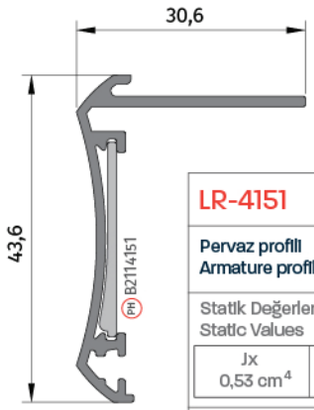
LR-4155

Pervaz profili
Armature profile

Statik Değerler
Static Values

Jx	Jy
0,46 cm⁴	1,64 cm⁴

Ağırlık (Kg/mt.)
Weight (Kg/mt.)
0,305 Kg/mt.



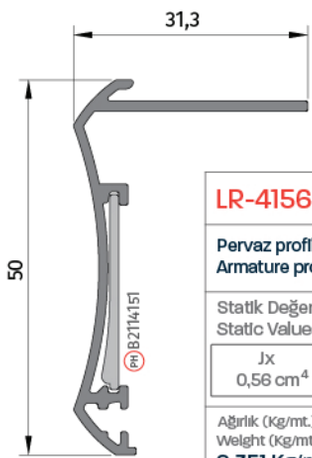
LR-4151

Pervaz profili
Armature profile

Statik Değerler
Static Values

Jx	Jy
0,53 cm⁴	2,81 cm⁴

Ağırlık (Kg/mt.)
Weight (Kg/mt.)
0,330 Kg/mt.



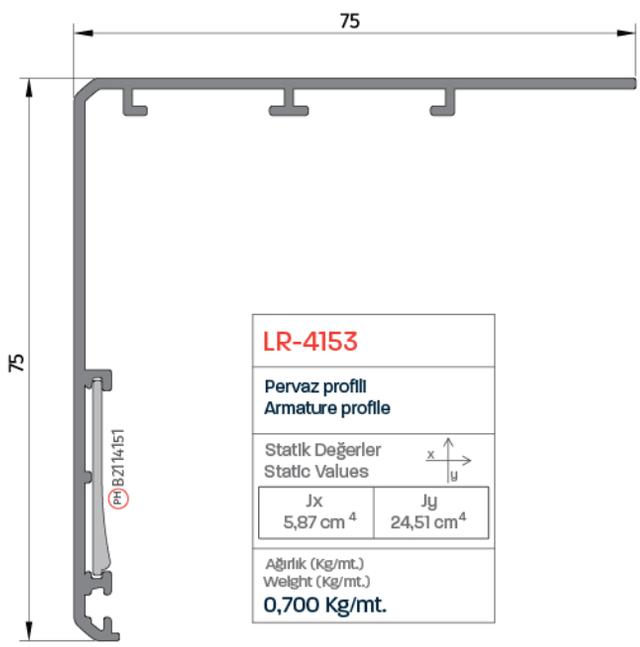
LR-4156

Pervaz profili
Armature profile

Statik Değerler
Static Values

Jx	Jy
0,56 cm⁴	3,96 cm⁴

Ağırlık (Kg/mt.)
Weight (Kg/mt.)
0,351 Kg/mt.



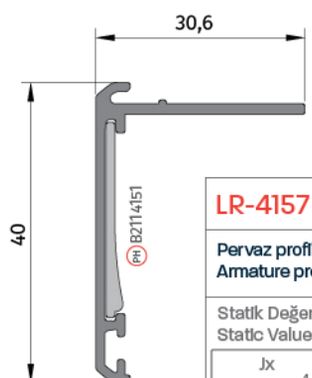
LR-4153

Pervaz profili
Armature profile

Statik Değerler
Static Values

Jx	Jy
5,87 cm⁴	24,51 cm⁴

Ağırlık (Kg/mt.)
Weight (Kg/mt.)
0,700 Kg/mt.



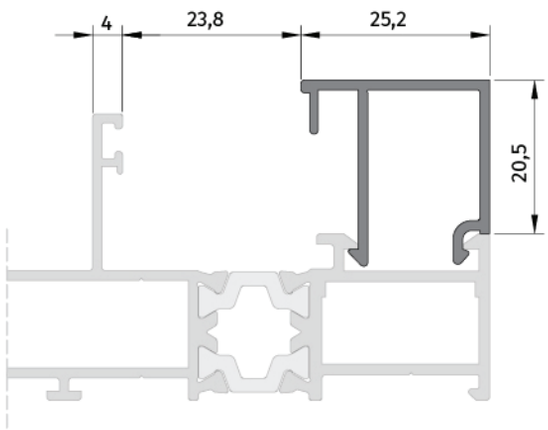
LR-4157

Pervaz profili
Armature profile

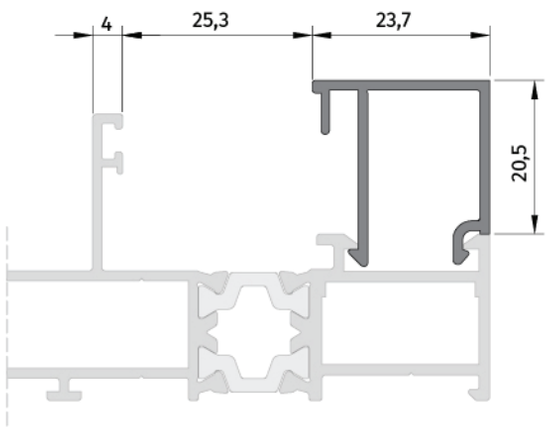
Statik Değerler
Static Values

Jx	Jy
0,00 cm⁴	0,00 cm⁴

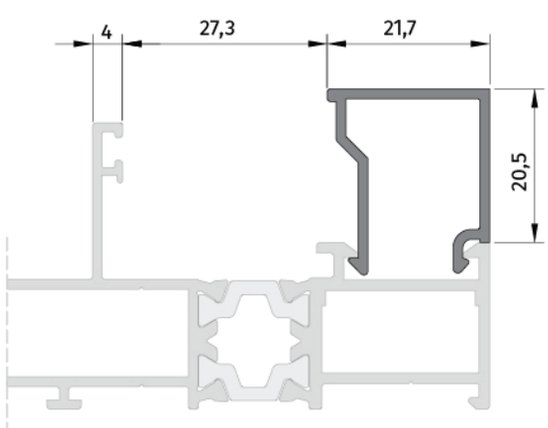
Ağırlık (Kg/mt.)
Weight (Kg/mt.)
0,281 Kg/mt.



LR-4133
Cam Çıtası Glazing Bead
Ağırlık (Kg/mt.) Weight (Kg/mt.) 0,290 Kg/mt.

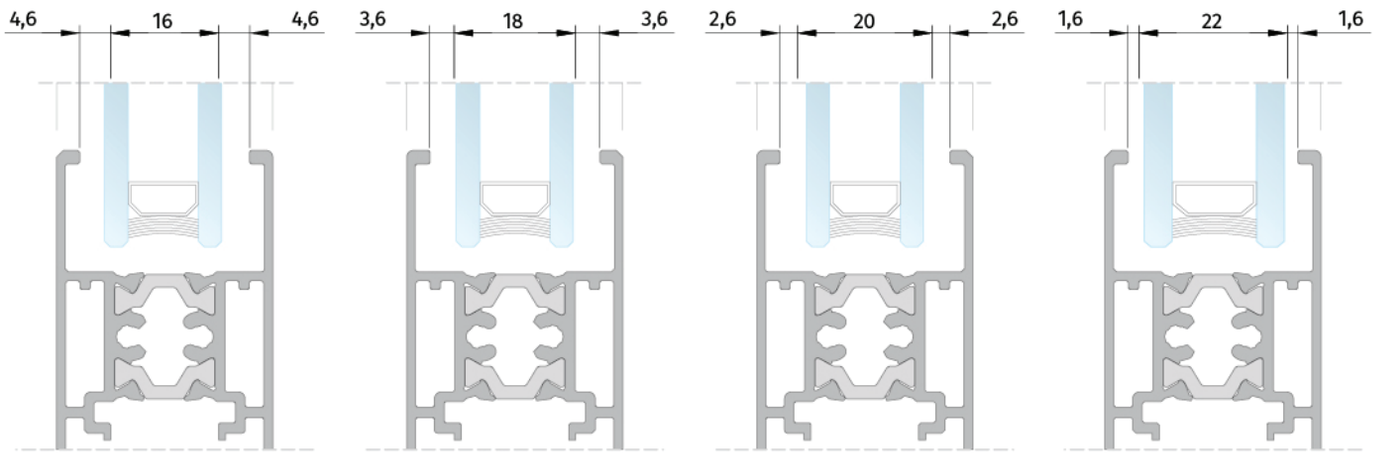


LR-4532
Cam Çıtası Glazing Bead
Ağırlık (Kg/mt.) Weight (Kg/mt.) 0,283 Kg/mt.

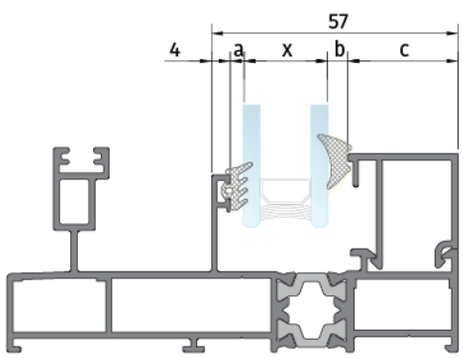


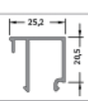
LR-4134
Cam Çıtası Glazing Bead
Ağırlık (Kg/mt.) Weight (Kg/mt.) 0,264 Kg/mt.

Cam / Glazing



Cam (mm.) Glazing (mm.)	**16 mm**	**18 mm**	**20 mm**	**22 mm**
Cam Fitili Wedge Gasket	**B4410005** (5 mm)	**B4410004** (4 mm)	**B4410006** (2,5-3 mm)	**B4410007** (1,5-2 mm)
Cam Fitili Wedge Gasket	**B4410005** (5 mm)	**B4410004** (4 mm)	**B4410006** (2,5-3 mm)	**B4410007** (1,5-2 mm)



b / a	5 mm. B4410005	4 mm. B4410004	2,5-3 mm. B4410006	1,5-2 mm. B4410007	*Cam Çıtaları* *Glazing Bead*
x					
3 mm. Dış Cam Fitili *Insulating Gasket* **B4410035** 	16 mm.				LR-4133  B4410046 LR-4140 
		18 mm.	20 mm.		LR-4532 
				22 mm.	LR-4134  B4410046 LR-4139 

Yukarıda verilen profil ve fitil ilişkileri teoriktir
The relation between profiles and gasket are theoretical as seen above

Cam fitillerinin yerine geçmesinde problem yaşanmaması için, öncelikle bir numune üzerinde test ediniz.
Advice that inner gasket and glazing bead relation should be checked on a mock-up before

LR 3100

YALITIMLI **SÜRME SİSTEM**

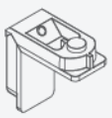
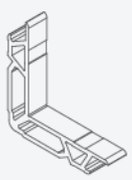
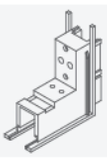
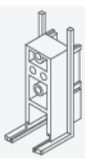
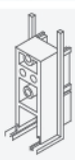
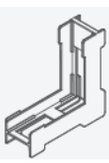
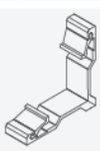
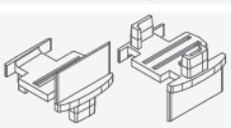
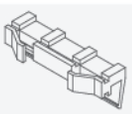
INSULATED SLIDING SYSTEM

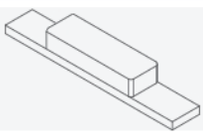
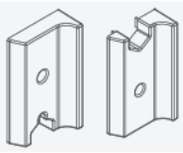
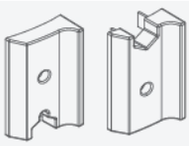
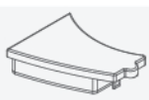
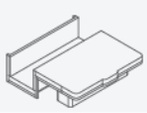
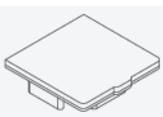
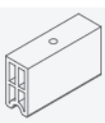
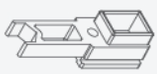
Aksesuarlar / *Accessories*

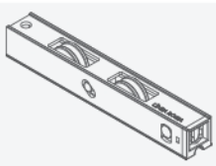
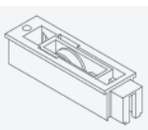
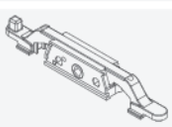
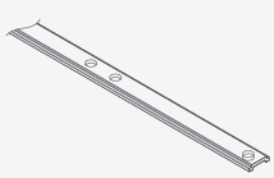
PH **Plastik Hizalama** *Plastic Corner Alignment* | KH **Krom Hizalama** *Chrome Corner Alignment* | DB **Dik Bağlantı** *Transom-Mullion Cleat* | PT **Pres Takoz** *Corner Cleat Profile* | VT **Vidalı Takoz** *Corner Spring* | AK **Adaptör Kapağı** *Adapter Cap*

Kertme *Notching* | **Takoz Punch** *Manual Punch* | **Köşe Pres** *Press Tool* | **Testere** *Saw* | **Hızlı Yapıştırıcı** *Adhesive* | **Silikon** *Sealant* | **Falçata** *Curved Knife* | **Tokmak** *Mallet* | **Ambalaj Miktarı** *Packing Unit*

Delik Çapı *Drilling Jig* | **Yalıtım Bantı** *Insulation Tape*

Aksesuarlar Accessories	Aksesuar Kodu Nr of Accessories	Malzeme Türü Material	Açıklama Description	Kullanıldığı Profil Used Profile
	(VT) B3311190	Döküm Cast	Vidalı Köşe Bağlantı Takozu Screwed Corner Cleat	LR-3120
	(VT) B3311230	Döküm Cast	Vidalı Köşe Bağlantı Takozu Screwed Corner Cleat	LR-3101, LR-3102, LR3106 LR-3107, LR-3108, LR-3110 LR-3123, LR-3124, LR-3126, LR-3127, LR-3129, LR-3136 LR-3139, LR-2109
	(PT) B3111266	Alüminyum Aluminum	Pres Köşe Bağlantı Takozu Corner Cleat	
	(PT) B3186207	Alüminyum Aluminum	Pres Köşe Bağlantı Takozu Corner Cleat	LR-3143
	(PT) B3111194	Alüminyum Aluminum	Pres Köşe Bağlantı Takozu Corner Cleat	
	(PT) B3116194	Alüminyum Aluminum	Pres Köşe Bağlantı Takozu Corner Cleat	LR-5105
	(PT) B3113295	Alüminyum Aluminum	Pres Köşe Bağlantı Takozu Corner Cleat	
	B2610420	PVC	90° Geniş Köşe Bağlantı 90° Wing Corner Wide Joints	LR-3111, LR-3112 LR-3113, LR-3114
	B2610421	PVC	90° Dar Köşe Bağlantı 90° Wing Corner Narrow Joints	LR-3115 LR-3116
	B2610422	PVC	90° Dar Köşe Bağlantı 90° Wing Corner Narrow Joints	LR-3145 LR-3146
	B2610400	PVC	45° Kanat PVC Takoz 45° Sash PVC Cleat	LR-3111
	B3208220 (VT)	PVC	Vidalı Kanat Bağlantı Takozu Screwed Corner Cleat	LR-3111
	(KH) B2110404	Krom Chromium	45° Kanat Köşe Hizalama 45° Corner Alignment	LR-3111
	(PH) B2114151	PVC	Pervaz Köşe Hizalama Armature Corner Alignment	LR-4151, LR-4153 LR-4155, LR-4156 LR-4157
	(AK) B2313133	PVC	Orta Adaptör Kapağı Central End Cap For Sashes	LR-3133
	B2310465	PVC	Tekli Kasa Kapak Klipsi Single Rail Adapter Clip	LR-3143

Aksesuarlar Accessories	Aksesuar Kodu Nr of Accessories	Malzeme Türü Material	Açıklama Description	Kullanıldığı Profil Used Profile
	B5310303	PVC	Kasa Alt Tozluk Central Bottom Sealing	Tüm Kasalar
	B5310308	PVC	Kasa Alt Tozluk Central Bottom Sealing	LR-3143
	B5320310	PU Sünger PU Foam	Kasa Üst Tozluk Central Top Sealing	Tüm Kasalar
	B5320318	PU Sünger PU Foam	Kasa Üst Tozluk Central Top Sealing	LR-3143
	B2310403	PVC	Kenetli Adaptör Kapağı Alt End Cap Bottom	LR-3145, LR-146 LR-3122
	B2310402		Kenetli Adaptör Kapağı Üst End Cap Top	LR-3145, LR-146 LR-3122
	B2310423	PVC	İnce Kenet Adaptör Kapağı Alt End Cap Bottom	LR-3115, LR-3116
	B2310422		İnce Kenet Adaptör Kapağı Üst End Cap Top	LR-3115, LR-3116
	B2310430 (AK)	PVC	90° Kertmeli Kulp Kapağı 90° Notched Sash End Cap	LR-3114, LR-3116
	B2310431 (AK)	PVC	90° Düz Kulp Kapağı 90° Sash End Cap	LR-3114, LR-3116
	B2310407 (AK)	PVC	45° Kulp Kapağı 45° Sash End Cap	LR-3114
	B2310450 (AK)	PVC	90° Kertmeli Kulp Kapağı 90° Notched Sash End Cap	LR-3146
	B2310451 (AK)	PVC	90° Düz Kulp Kapağı 90° Sash End Cap	LR-3146
	B5410467	PVC	Kanat Sabitleme Takozu Sash Fixing Part	LR-3211, LR-3114 LR-3117
	B5410460	PVC	Kanat Sabitleme Takozu Sash Fixing Part	LR-3111, LR-3112, LR-3113, LR-3114, LR-3117
	B2210425	PVC	Kanat Stoplama Adaptörü Sash Stoper Adapter	LR-3111, LR-3114, LR-3117
	B2210426	PVC	Lastik Kanat Stoperi Rubber Stop For Sash	LR-3111, LR-3114, LR-3117
	B2210406	PVC	45° Kanat Stoplama Plastiği 45° Sash Stopper Rubber	LR-3111, LR-3114, LR-3117

Aksesuarlar Accessories	Aksesuar Kodu Nr of Accessories	Malzeme Türü Material	Açıklama Description	Kullanıldığı Profil Used Profile
	B5410023	PVC	Sineklik Kanat Stoplama Sash Flyscreen Stoper	LR-3120
	B5611214	Krom Chromium	Paslanmaz Çelik Ray Stainless Steil Driver (3,5 mt.)	Tüm Kasalarda
	B3613131	Alüminyum Aluminum	Dekoratif Kulp Çıtası Decorative Trim RAL 3020 (4,8 mt.)	LR-3114, LR-3116
	B3612131	Alüminyum Aluminum	Dekoratif Kulp Çıtası Decorative Trim RAL 3020 (4,8 mt.)	LR-3146
	B5110351	PVC	Kanal "U" Plastiği Plastic Cover For Frame (6 mt.)	Tüm Kasalar
	B5210361	PVC	Kanat Kenetleme Plastiği Locking Adapter Plastic (2,5 mt.)	LR-3211, LR-3114
	B5210362	PVC	Kanat Kenetleme Plastiği Locking Adapter Plastic (2,5 mt.)	LR-3115, LR-3116 LR-3145, LR-3146
	B1110205	Alüminyum Aluminum	Ayarlı Kanat Rulman Sliding And Ad. Carriage	LR-3111, LR-3112, LR-3113, LR-3117
	B1120206	PVC	Ayarlı Sineklik Rulman Single Flyscreen Roller	LR-3120
	B7310408	Döküm Cast	Kollu Kilit Mekanizması Inside Handle Mechanizm	LR-3111, LR-3114 LR-3117
	B7310008	Döküm Cast	Kilitleme Aparatı Locking Device	LR-3111, LR-3114, LR-3117
	B7210005	Krom Chromium	Kilit Dili Lock Bolt	LR-3111, LR-3114, LR-3117
	B7210005T	Krom Chromium	Kilit Dili Lock Bolt	LR-3111, LR-3114, LR-3117
	B7210006	Döküm Cast	Kilit Karşılık Lock Spacer	LR-3111, LR-3114, LR-3117
	B7210003	PVC	Kilit Karşılık Kapağı Spacer Cover	LR-3111, LR-3114, LR-3117
	B2810020	Polyamid Polyamide	1500 mm. Polyamid Tij 1500 mm. Polyamide Rod	LR-3111, LR-3114, LR-3117
	B2810021	Polyamid Polyamide	750 mm. Polyamid Tij 750 mm. Polyamide Rod	LR-3111, LR-3114, LR-3117
	B2810039	Polyamid Polyamide	200 mt. Polyamid Tij 200 mt. Polyamide Rod	LR-3111, LR-3114, LR-3117

Aksesuarlar Accessories	Aksesuar Kodu Nr of Accessories	Malzeme Türü Material	Açıklama Description	Kullanıldığı Profil Used Profile
	B741001B	Alüminyum Aluminum	Havuz Kilit (Beyaz) Sliding Locking Handle (White)	LR-3111, LR-3114, LR-3117
	B741001S	Alüminyum Aluminum	Havuz Kilit (Siyah) Sliding Locking Handle (Black)	LR-3111, LR-3114, LR-3117
	B741001G	Alüminyum Aluminum	Havuz Kilit (Naturel) Sliding Locking Handle (Natural)	LR-3111, LR-3114, LR-3117
	B741001R	Alüminyum Aluminum	Havuz Kilit (Renkli) Sliding Locking Handle (Colored)	LR-3111, LR-3114, LR-3117
	B741002B	Alüminyum Aluminum	Havuz Arkalık (Beyaz) Sliding Handle Back (White)	LR-3111, LR-3114, LR-3117
	B741002S	Alüminyum Aluminum	Havuz Arkalık (Siyah) Sliding Handle Back (Black)	LR-3111, LR-3114, LR-3117
	B741002G	Alüminyum Aluminum	Havuz Arkalık (Naturel) Sliding Handle Back (Natural)	LR-3111, LR-3114, LR-3117
	B741002R	Alüminyum Aluminum	Havuz Arkalık (Renkli) Sliding Handle Back (Colored)	LR-3111, LR-3114, LR-3117
	B7437101	Alüminyum Aluminum	Stac Sirius Secustik Kol (Beyaz) Stac Sirius Secustik Handle (White)	LR-3111, LR-3114, LR-3117
	B7437102	Alüminyum Aluminum	Stac Sirius Secustik Kol (Siyah) Stac Sirius Secustik Handle (Black)	LR-3111, LR-3114, LR-3117
	B7437191	Alüminyum Aluminum	Stac Sirius Secustik Kol (Naturel) Stac Sirius Secustik Handle (Natural)	LR-3111, LR-3114, LR-3117
	B6227004	Alüminyum Aluminum	Glesse Kora Kol (Beyaz) Glesse Kora Handle (White)	LR-3111, LR-3114, LR-3117
	B6227005	Alüminyum Aluminum	Glesse Kora Kol (Siyah) Glesse Kora Handle (Black)	LR-3111, LR-3114, LR-3117
	B6227003	Alüminyum Aluminum	Glesse Kora Kol (Naturel) Glesse Kora Handle (Natural)	LR-3111, LR-3114, LR-3117
	B7410105	Alüminyum Aluminum	Hoppe Secustik Kol (Siyah) Hoppe Secustik Handle (Black)	LR-3111, LR-3114, LR-3117
	B7410106	Alüminyum Aluminum	Hoppe Secustik Kol (Naturel) Hoppe Secustik Handle (Natural)	LR-3111, LR-3114, LR-3117
	B7435401	Alüminyum Aluminum	Stac Sirius Eksenel Kol (Beyaz) Stac Sirius Cremone Handle (White)	LR-3111, LR-3114, LR-3117
	B7435402	Alüminyum Aluminum	Stac Sirius Eksenel Kol (Siyah) Stac Sirius Cremone Handle (Black)	LR-3111, LR-3114, LR-3117
	B7435402	Alüminyum Aluminum	Stac Sirius Eksenel Kol (Naturel) Stac Sirius Cremone Handle (Natural)	LR-3111, LR-3114, LR-3117
	B7410481B	Alüminyum Aluminum	Milano Eksenel Kol (Beyaz) Milano Cremone Handle (White)	LR-3111, LR-3114, LR-3117
	B7410481S	Alüminyum Aluminum	Milano Eksenel Kol (Siyah) Milano Cremone Handle (Black)	LR-3111, LR-3114, LR-3117
	B7410481G	Alüminyum Aluminum	Milano Eksenel Kol (Naturel) Milano Cremone Handle (Natural)	LR-3111, LR-3114, LR-3117
	B7410480B	Alüminyum Aluminum	Eksenel Kol (Beyaz) Cremone Handle (White)	LR-3111, LR-3114, LR-3117
	B7410480S	Alüminyum Aluminum	Eksenel Kol (Siyah) Cremone Handle (Black)	LR-3111, LR-3114, LR-3117
	B7410480G	Alüminyum Aluminum	Eksenel Kol (Naturel) Cremone Handle (Natural)	LR-3111, LR-3114, LR-3117

LR 3100

YALITIMLI **SÜRME SİSTEM**

INSULATED SLIDING SYSTEM

Kesitler / *Sections*

PH **Plastik Hizalama** *Plastic Corner Alignment* | KH **Krom Hizalama** *Chrome Corner Alignment* | DB **Dik Bağlantı** *Transom-Mullion Cleat* | PT **Pres Takoz** *Corner Cleat Profile* | VT **Vidalı Takoz** *Corner Spring* | AK **Adaptör Kapağı** *Adapter Cap*

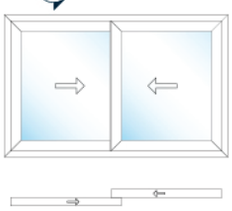
Kertme *Notching* | **Takoz Punch** *Manual Punch* | **Köşe Pres** *Press Tool* | **Testere** *Saw* | **Hızlı Yapıştırıcı** *Adhesive* | **Silikon** *Sealant* | **Falçata** *Curved Knife* | **Tokmak** *Mallet* | **Ambalaj Miktarı** *Packing Unit*

Delik Çapı *Drilling Jig* | **Yalıtım Bantı** *Insulation Tape*

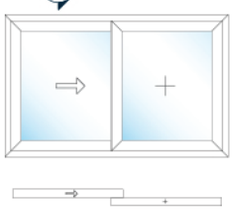
LR 3100 YALITIMLI SÜRME SİSTEM
INSULATED SLIDING SYSTEM

45° KLASİK SÜRME TİPLERİ & KESİT ŞEMASI
45° CLASSICAL SLIDING TYPES & SECTION SCHEDULE

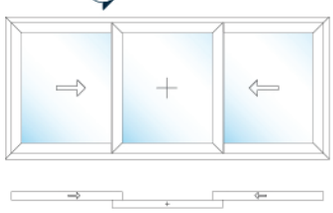
A — 45° Klasik Sürme / 45° Classical Slide



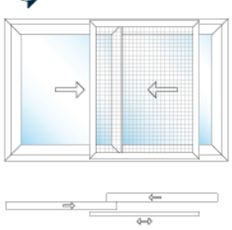
A1 — 45° Klasik Sürme / 45° Classical Slide



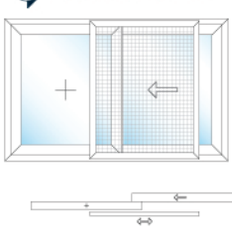
A2 — 45° Klasik Sürme / 45° Classical Slide



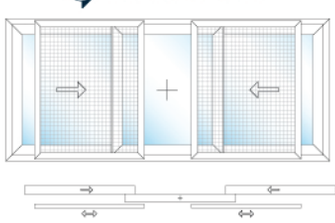
B — 45° Sineklik Klasik Sürme / 45° Flyscreen Classical Slide



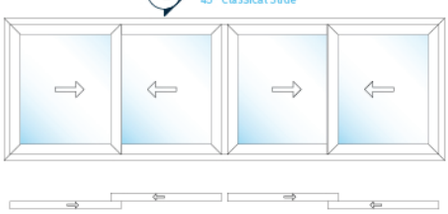
B1 — 45° Sineklik Klasik Sürme / 45° Flyscreen Classical Slide



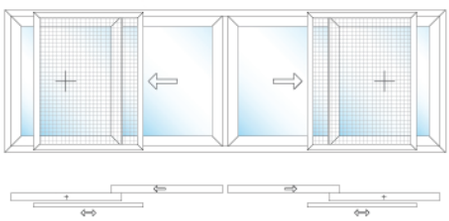
B2 — 45° Sineklik Klasik Sürme / 45° Flyscreen Classical Slide



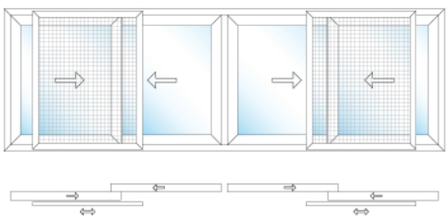
C — 45° Klasik Sürme / 45° Classical Slide



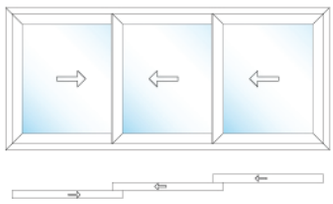
D — 45° Sineklik Klasik Sürme / 45° Flyscreen Classical Slide



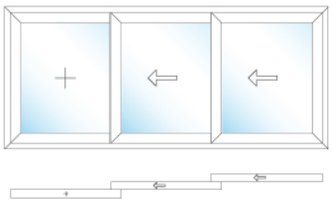
D1 — 45° Sineklik Klasik Sürme / 45° Flyscreen Classical Slide



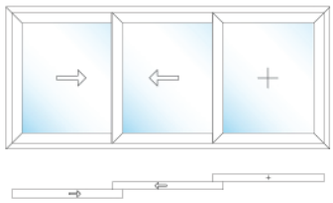
E — 45° Klasik Sürme / 45° Classical Slide



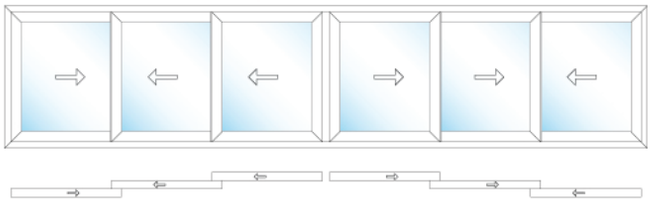
E1 — 45° Klasik Sürme / 45° Classical Slide



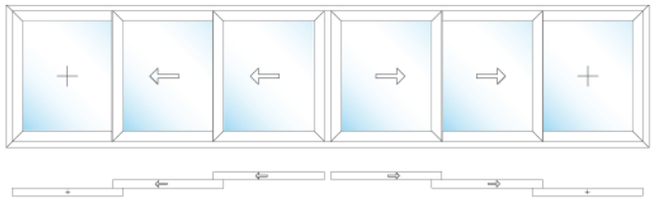
E2 — 45° Klasik Sürme / 45° Classical Slide



F — 45° Klasik Sürme / 45° Classical Slide



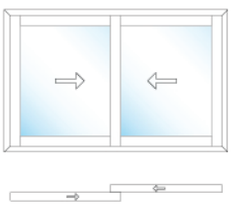
F1 — 45° Klasik Sürme / 45° Classical Slide



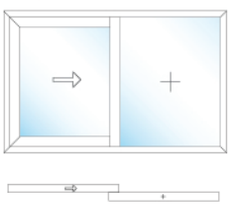
LR 3100 YALITIMLI SÜRME SİSTEM
INSULATED SLIDING SYSTEM

90° KLASİK VE MONORAIL SÜRME TİPLERİ & KESİT ŞEMASI
90° CLASSICAL & MONORAIL SLIDING TYPES & SECTION SCHEDULE

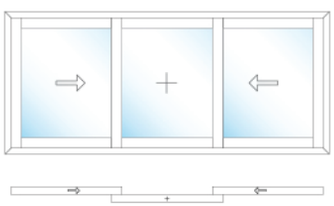
A3 90° Klasik Sürme
90° Classical Slide



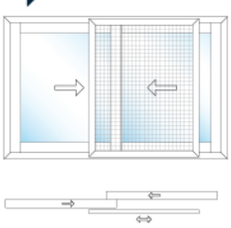
A4 90° Tek Ray Klasik Sürme
90° Monorail Classical Slide



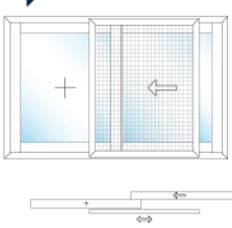
A5 90° Klasik Sürme
90° Classical Slide



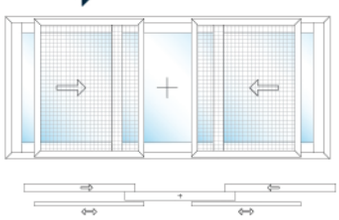
B3 90° Sineklik Klasik Sürme
90° Flyscreen Classical Slide



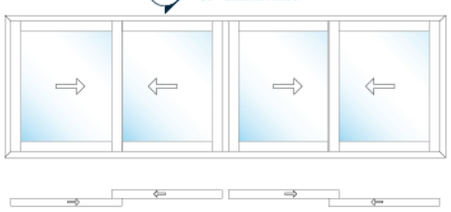
B4 90° Sineklik Klasik Sürme
90° Flyscreen Classical Slide



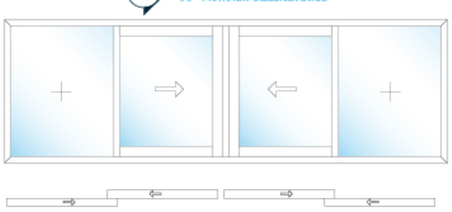
B5 90° Sineklik Klasik Sürme
90° Flyscreen Classical Slide



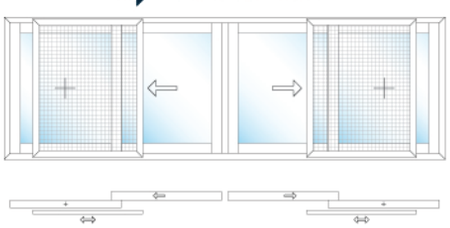
C1 90° Klasik Sürme
90° Classical Slide



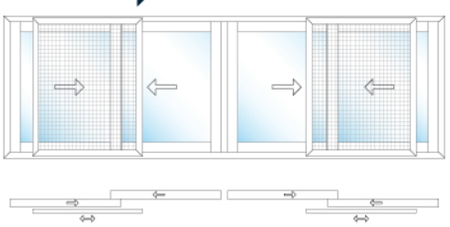
C2 90° Tek Ray Klasik Sürme
90° Monorail Classical Slide



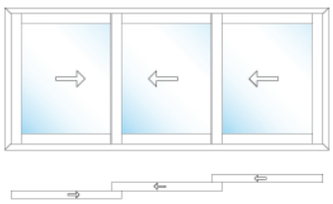
D2 90° Sineklik Klasik Sürme
90° Flyscreen Classical Slide



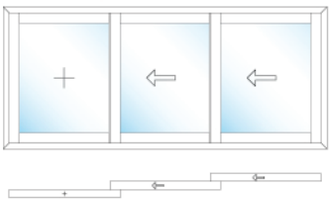
D3 90° Sineklik Klasik Sürme
90° Flyscreen Classical Slide



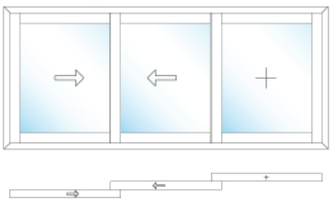
E3 90° Klasik Sürme
90° Classical Slide



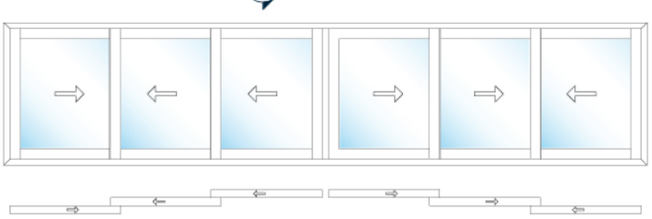
E4 90° Klasik Sürme
90° Classical Slide



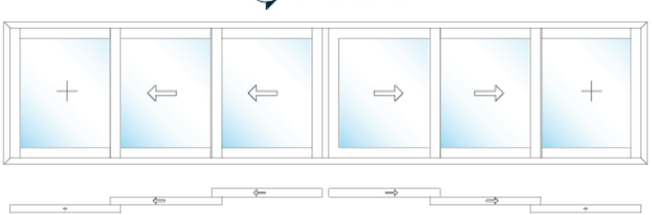
E5 90° Klasik Sürme
90° Classical Slide



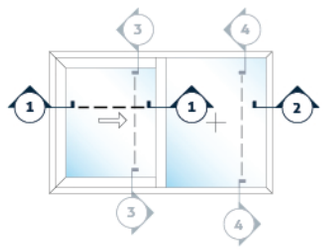
F2 90° Klasik Sürme
90° Classical Slide

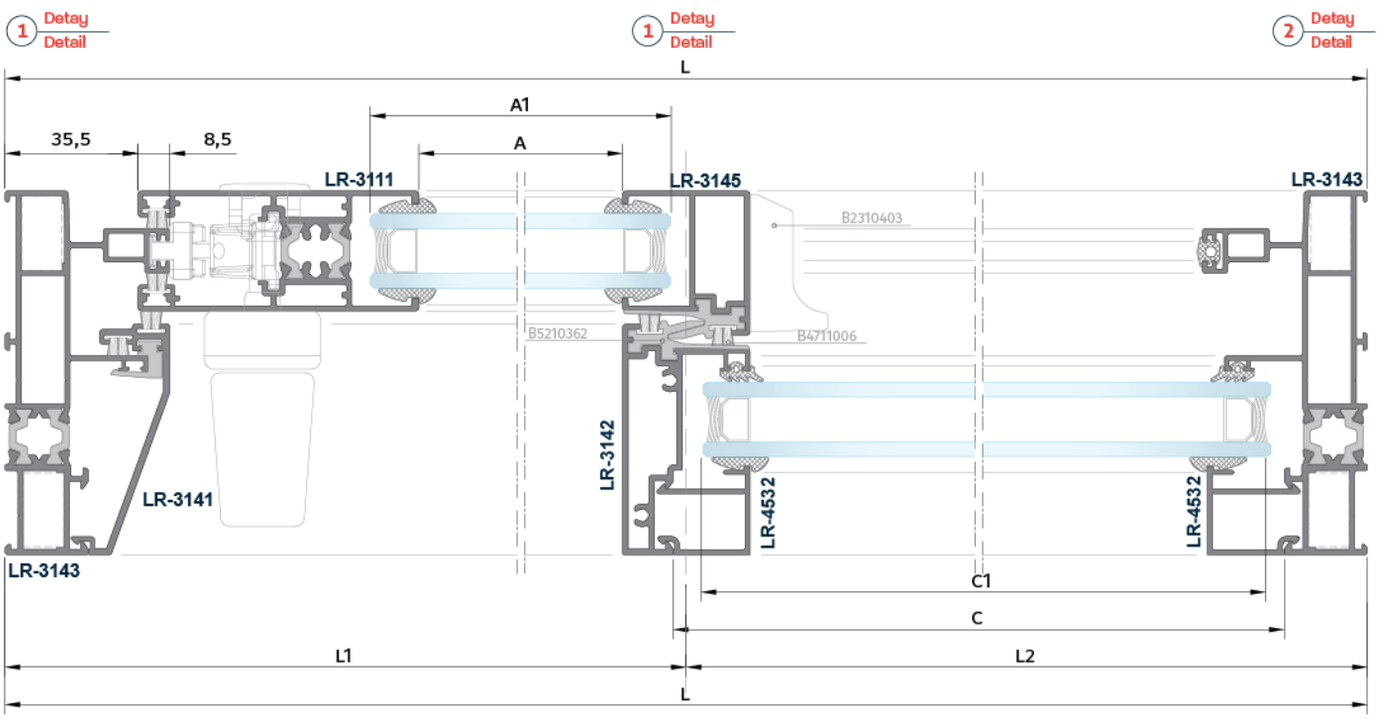


F3 90° Klasik Sürme
90° Classical Slide



A1 90° Tek Ray Klasik Sürme
90° Monorail Classical Slide

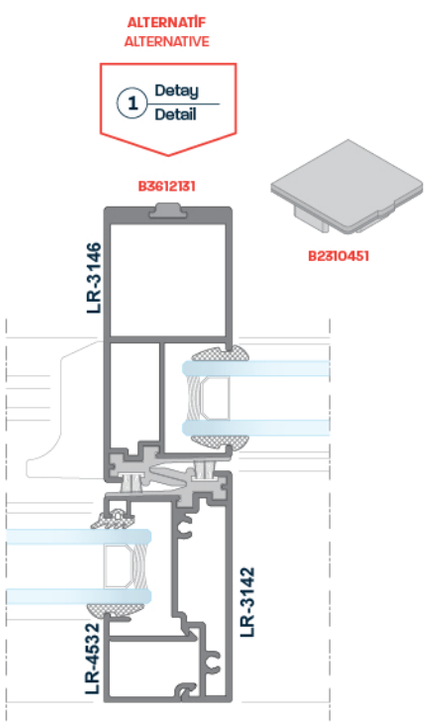




Kasa Genişlik Frame Width	LR-3143			2 Ad. 2 Pcs.	L
Kasa Yükseklik Frame Height	LR-3143			2 Ad. 2 Pcs.	H
Kanat Yükseklik Sash Height	LR-3111			1 Ad. 1 Pcs.	B=H-77
Kanat Genişlik Sash Width	LR-3112			2 Ad. 2 Pcs.	A=L÷2-133,5
Kenet Yükseklik Hook Profile Height	LR-3142			1 Ad. 1 Pcs.	H-76,4
Kenet Yükseklik Hook Profile Height	LR-3145			1 Ad. 1 Pcs.	H-77
Adaptör Profili Genişlik Adapter Profile Width	LR-3140			2 Ad. 2 Pcs.	L÷2-39
Adaptör Profili Yükseklik Adapter Profile Height	LR-3141			1 Ad. 1 Pcs.	H-88
Çıta Profili Genişlik Glazing Bad Profile Width	LR-4532			2 Ad. 2 Pcs.	C=L÷2-18,7
Çıta Profili Yükseklik Glazing Bad Profile Height	LR-4532			2 Ad. 2 Pcs.	D=H-85,4
Kanat Cam Genişlik Sash Glazing Width				1 Ad. 1 Pcs.	A1=L÷2-101,5
Kanat Cam Yükseklik Sash Glazing Height				1 Ad. 1 Pcs.	B1=H-231
Sabit Cam Genişlik Fix Glazing Width				1 Ad. 1 Pcs.	C1=L÷2-31
Sabit Cam Yükseklik Fix Glazing Height				1 Ad. 1 Pcs.	D1=H-54,4

ALTERNATİF
ALTERNATIVE

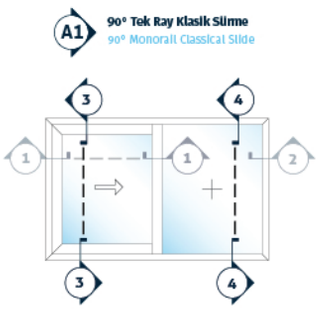
1 Detay Detail

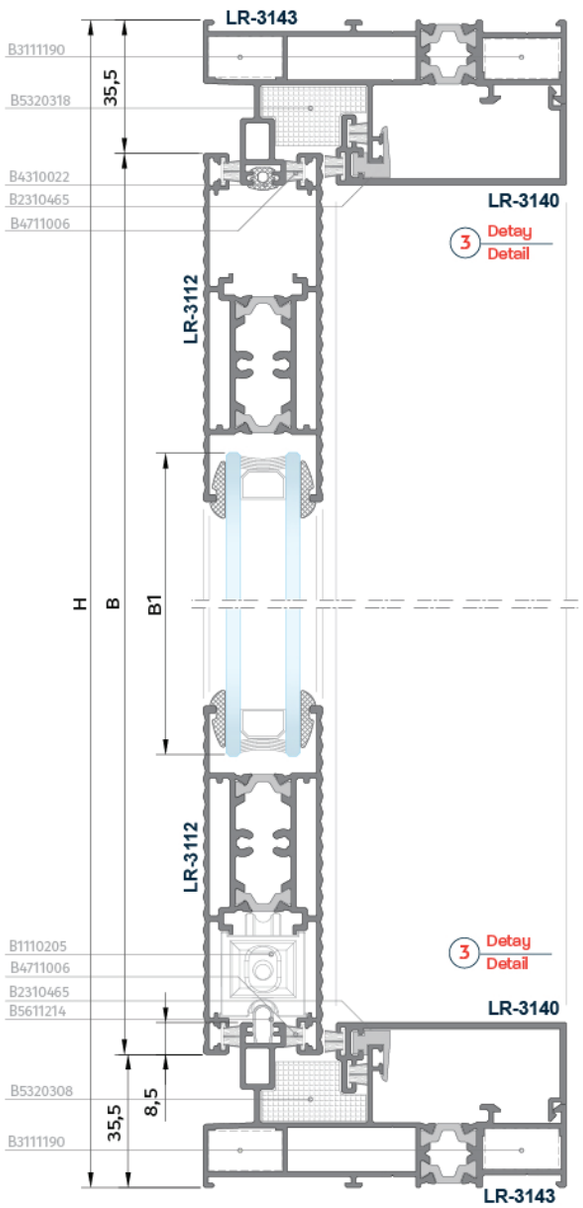


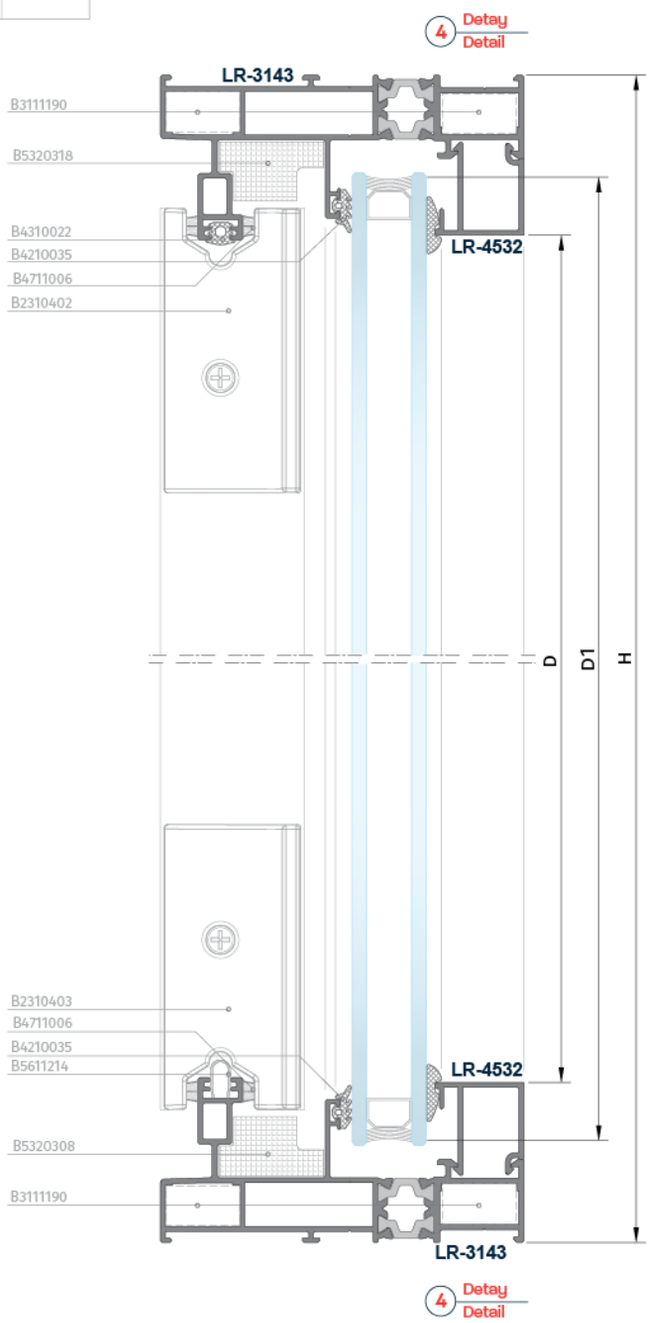
***Formüller, pencere iki eşit parçaya bölünerek hesaplandı./
The formulas were calculated by dividing the window into two equal parts.

ÖLÇEK: 1:2
SCALE: 1:2

	B3311190 **Vidalı Köşe Bağ. Takozu** Screwed Corner Cleat	8 Ad. 8 Pcs.		B3413142 **LR3142 Dik Bağlantı Ap.** LR3142 Vertical Connector	2 Ad. 2 Pcs.
	B2610420 **90° Geniş Köşe Bağlantı** 90° Wing Cor. Wide Joints	2 Ad. 2 Pcs.		B2310465 **Tekil Kasa Kapak Klipsi** Single Rail Adapter Clip	L1x2+H÷150
	B2610421 **90° Dar Köşe Bağlantı** 90° Wing Cor.Norrow Joints	2 Ad. 2 Pcs.		B1110205 **Ayarlı Kanat Rulman** Sliding And Ad. Carriage	2 Ad. 2 Pcs.
	B5310308 **Kasa Alt Tozluk** Central Bottom Sealing	1 Ad. 1 Pcs.		B4711006 **Fırça Fitil TRI-FIN** Sealing Brush TRI-FIN	8A+6B
	B5320318 **Kasa Üst Tozluk** Central Top Sealing	1 Ad. 1 Pcs.		B4310022 **Ray Kapama Contası** Gasket For Frame Rails	L+2H
	B2310403 **Kenetli Adap. Kap. Alt** End Cap Bottom	1 Ad. 1 Pcs.		B4210035 **3 mm. Dış Cam Fitili** 3 mm. Insulating Gasket	2C+2D
	B2310402 **Kenetli Adap. Kap. Üst** End Cap Top	1 Ad. 1 Pcs.		**Cam Kama Contası** Wedge Gasket (Cam Tercihine Göre) **(According To The Preferred Glass)**	2C+2D 4xA1+4xB1
	B2210425 **Kanat Stoplama Adaptörü** Sash Stoper Adapter	2 Ad. 2 Pcs.		B5210362 **Kanat Kenetle Plastiği** Locking Adapter Plastic	B=2 Ad. B=2 Pcs.
	B2210426 **Lastik Kanat Stoperi** Rubber Stop For Sash	2 Ad. 2 Pcs.		B5611214 **Paslanmaz Çelik Ray** Stainless Steel Driver	L-90 mm. 1 Ad./ Pcs.

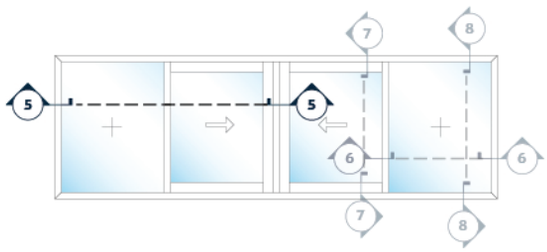


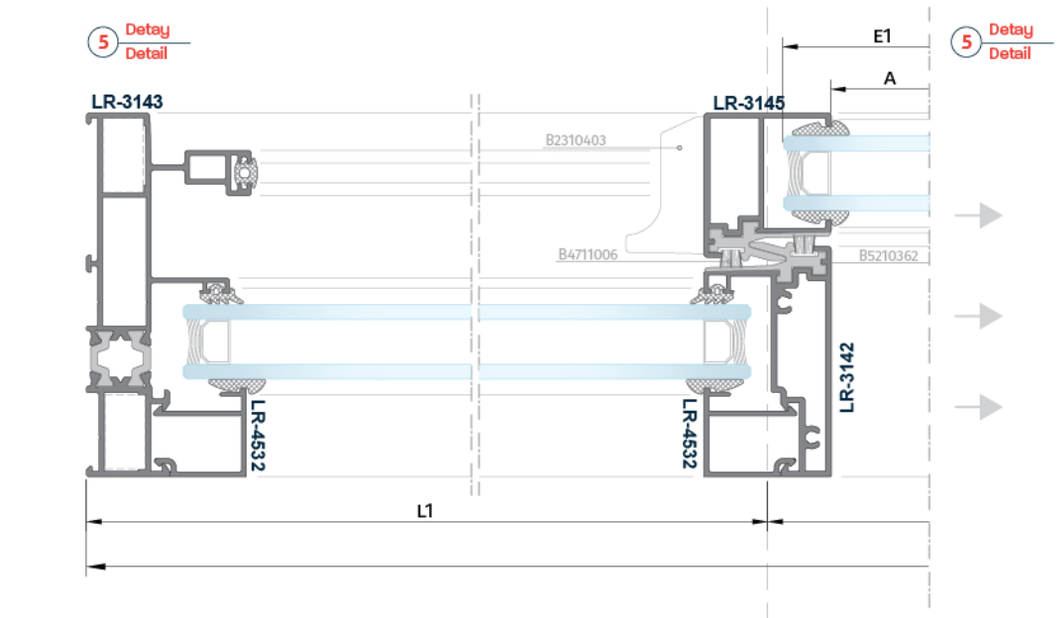


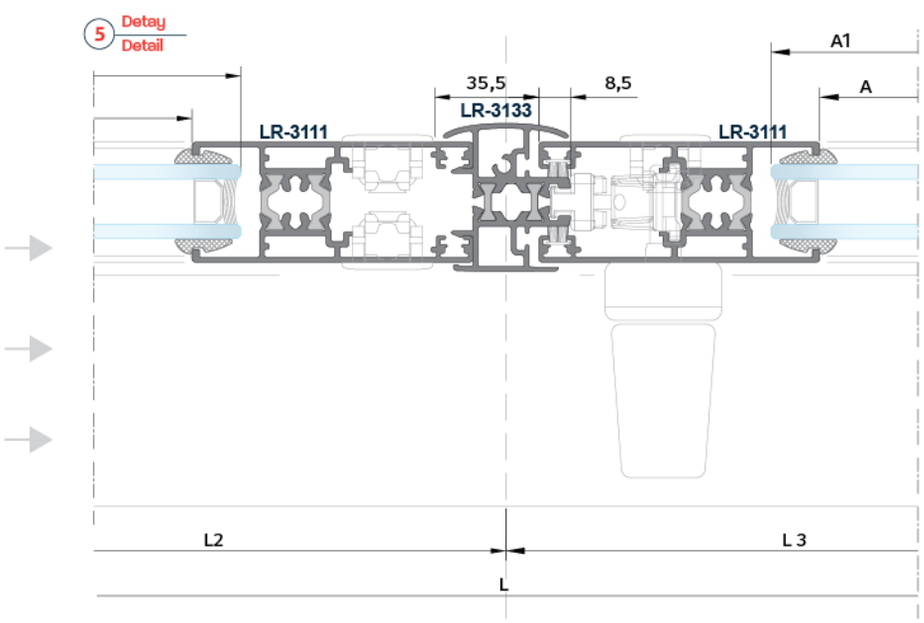


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SCALE: 1:2

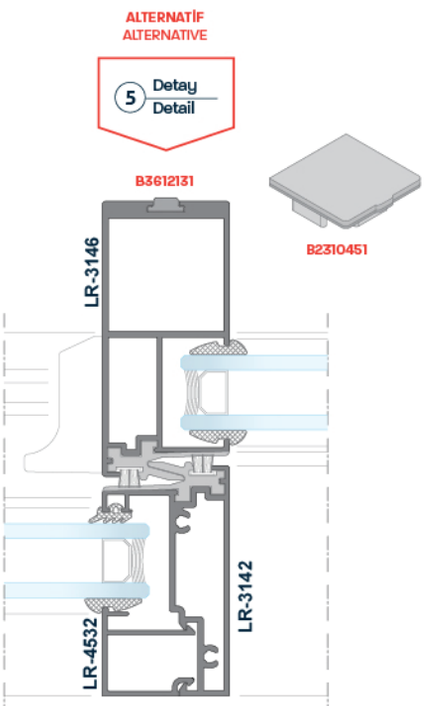
C2 90° Tek Ray Klasik Sürme
90° Monorail Classical Slide





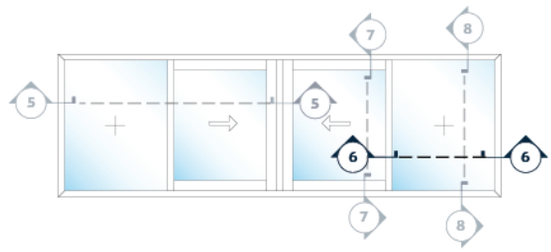


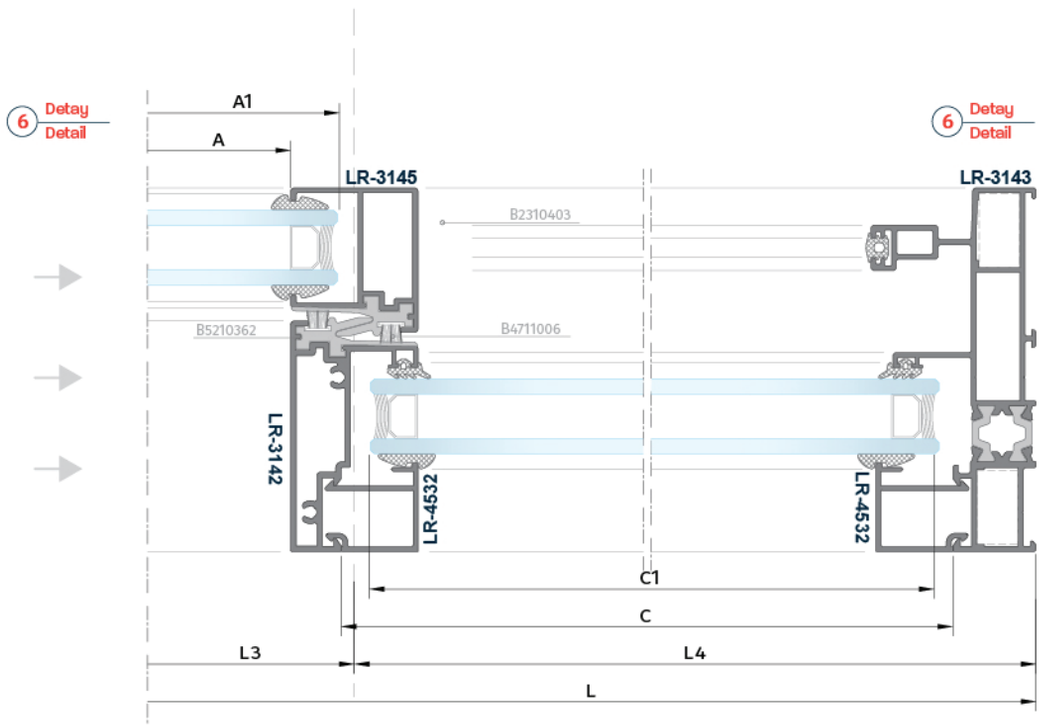
ALTERNATİF
ALTERNATIVE



ÖLÇEK: 1:2
SCALE: 1:2

C2 90° Tek Ray Klasik Sürme
90° Monorail Classical Slide





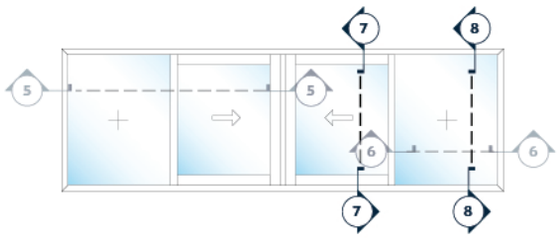
					mm.
Kasa Genişlik Frame Width	LR-3143			2 Ad. 2 Pcs.	L
Kasa Yükseklik Frame Height	LR-3143			2 Ad. 2 Pcs.	H
Kanat Yükseklik Sash Height	LR-3111			2 Ad. 2 Pcs.	B=H-77
Kanat Genişlik Sash Width	LR-3112			2 Ad. 2 Pcs.	A=L ÷ 4-106,8
Kenet Yükseklik Hook Profile Height	LR-3142			1 Ad. 1 Pcs.	H-76,4
Kenet Yükseklik Hook Profile Height	LR-3145			1 Ad. 1 Pcs.	H-77
Adaptör Profili Genişlik Adapter Profile Width	LR-3140			2 Ad. 2 Pcs.	L ÷ 2-34
Orta Kilitleme Profili Center Locking Profile	LR-3133			1 Ad. 1 Pcs.	H-71
Çıta Profili Genişlik Glazing Bad Profile Width	LR-4532			2 Ad. 2 Pcs.	C=L ÷ 4-19
Çıta Profili Yükseklik Glazing Bad Profile Height	LR-4532			2 Ad. 2 Pcs.	D=H-85,4
Kanat Cam Genişlik Sash Glazing Width				2 Ad. 2 Pcs.	E1=L ÷ 4-75
Kanat Cam Yükseklik Sash Glazing Height				2 Ad. 2 Pcs.	B1=H-231
Sabit Cam Genişlik Fix Glazing Width				2 Ad. 2 Pcs.	C1=L ÷ 4-31
Sabit Cam Yükseklik Fix Glazing Height				2 Ad. 2 Pcs.	D1=H-54,4

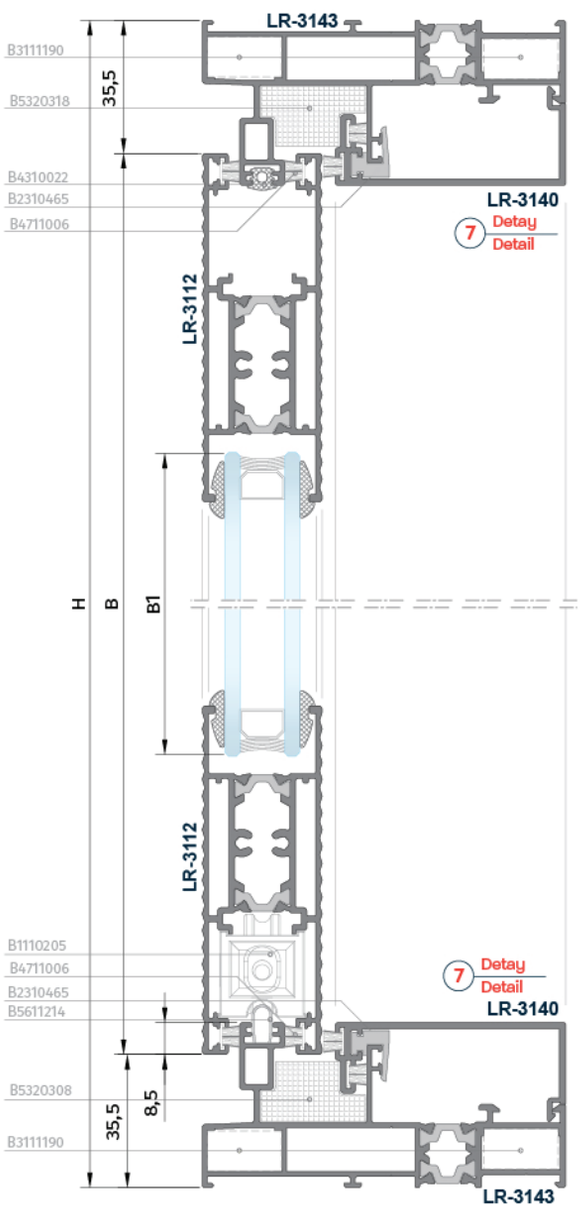
***Formüller, pencere dört eşit parçaya bölünerek hesaplandı./
The formulas were calculated by dividing the window into four equal parts.

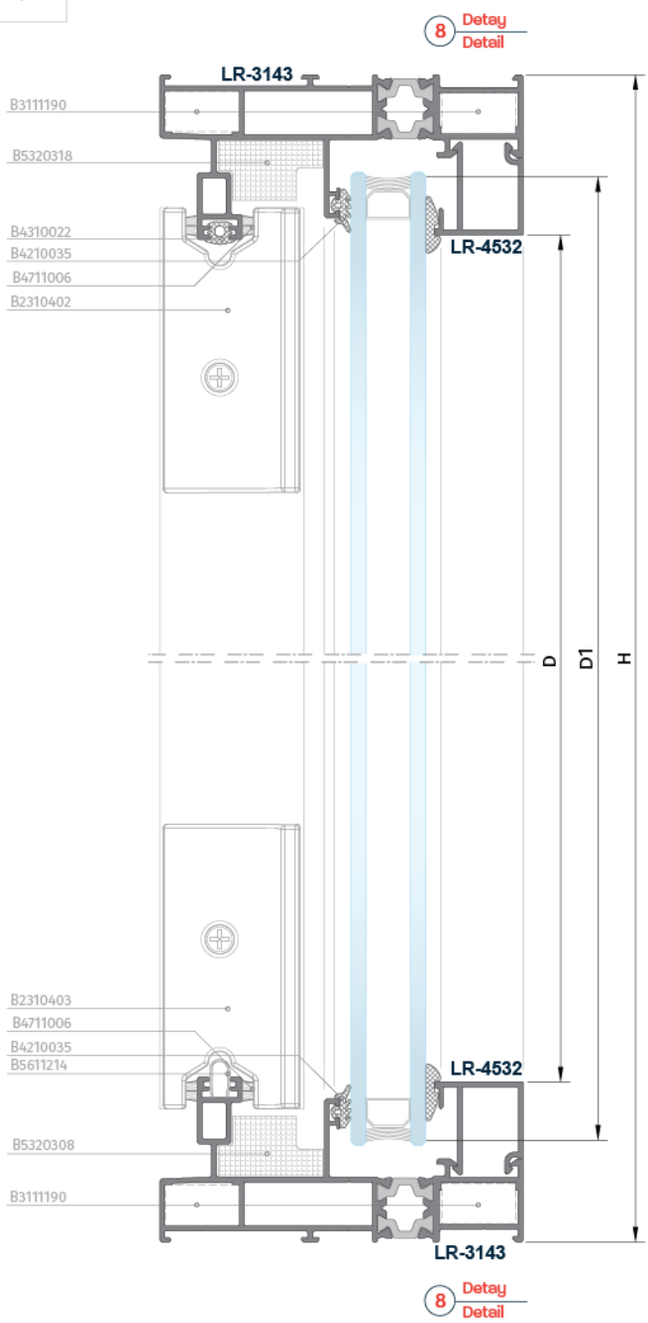
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SCALE: 1:2

	B3111190 **Vidalı Köşe Bağ. Takozu** Screwed Corner Cleat	8 Ad. 8 Pcs.		B3433142 **LR3229 Dik Bağlantı Ap.** LR3229 Vertical Connector	4 Ad. 4 Pcs.
	B2610420 **90° Geniş Köşe Bağlantı** 90° Wing Cor. Wide Joints	4 Ad. 4 Pcs.		B2310465 **Tekli Kasa Kapak Klipsi** Single Rail Adapter Clip	L2+L3x2÷150
	B2610421 **90°Dar Köşe Bağlantı** 90°Wing Cor.Norrow Joints	4 Ad. 4 Pcs.		B1110205 **Ayarlı Kanat Rulman** Sliding And Ad. Carriage	4 Ad. 4 Pcs.
	B5310308 **Kasa Alt Tozluk** Central Bottom Sealing	3 Ad. 3 Pcs.		B4711006 **Fırça Fitil TRI-FIN** Sealing Brush TRI-FIN	16A+6B
	B5320318 **Kasa Üst Tozluk** Central Top Sealing	3 Ad. 3 Pcs.		B4310022 **Ray Kapama Contası** Gasket For Frame Rails	2L+2H
	B2310403 **Kenetli Adap. Kap. Alt** End Cap Bottom	2 Ad. 2 Pcs.		B4210035 **3 mm. Dış Cam Fitili** 3 mm. Insulating Gasket	4C+4D
	B2310402 **Kenetli Adap. Kap. Üst** End Cap Top	2 Ad. 2 Pcs.		**Cam Kama Contası** Wedge Gasket (Cam Tercihine Göre) (According To The Preferred Glass)	4C+4D 8xD1+8xC1
	B2210425 **Kanat Stoplama Adaptörü** Sash Stoper Adapter	2 Ad. 2 Pcs.		B5210362 **Kanat Kenetle Plastiği** Locking Adapter Plastic	B=4 Ad. B=4 Pcs.
	B2210426 **Lastik Kanat Stoperi** Rubber Stop For Sash	2 Ad. 2 Pcs.		B5611214 **Paslanmaz Çelik Ray** Stainless Steel Driver	L-90 mm. 1 Ad./ Pcs.
	B2313133 **Orta Adaptör Kapağı** Central End Cap For Sash	1 Ad. 1 Pcs.			

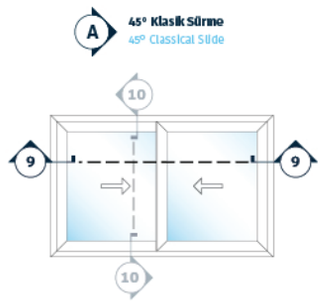
C2 **90° Tek Ray Klasik Sürme**
90° Monorail Classical Slide







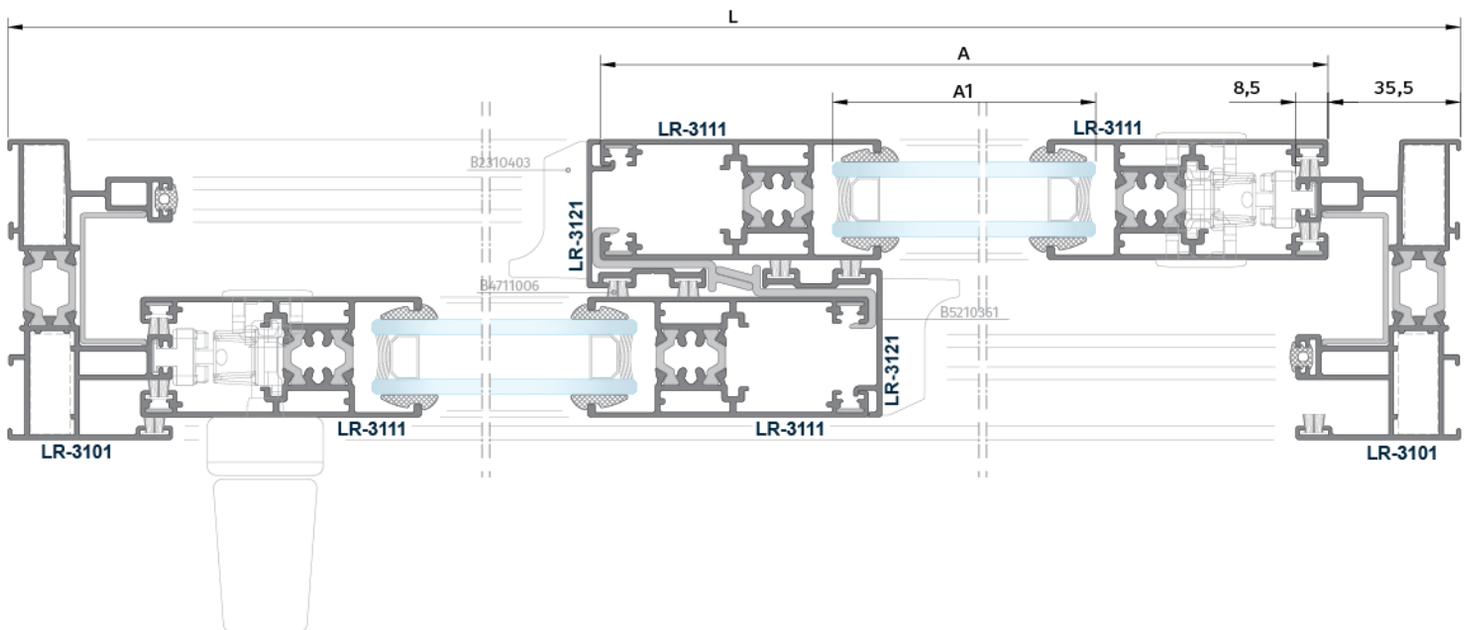
ÖLÇEK: 1:2
SCALE: 1:2



9 Detay
Detail

9 Detay
Detail

9 Detay
Detail



Kasa Genişlik Frame Width	LR-3101		2 Ad. 2 Pcs.	L
Kasa Yükseklik Frame Height	LR-3101		2 Ad. 2 Pcs.	H
Kanat Yükseklik Sash Height	LR-3111		4 Ad. 4 Pcs.	B=H-71
Kanat Genişlik Sash Width	LR-3111		4 Ad. 4 Pcs.	A=L÷2
Kenet Yükseklik Hook Profile Height	LR-3121		2 Ad. 2 Pcs.	H-71
Kanat Cam Genişlik Sash Glazing Width			2 Ad. 2 Pcs.	A1=L-247÷2
Kanat Cam Yükseklik Sash Glazing Height			2 Ad. 2 Pcs.	B1=H-195

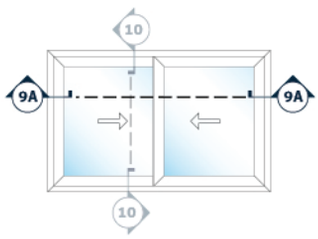
	B3311230 Vidalı Köşe Bağ. Takozu Screwed Corner Cleat	8 Ad. 8 Pcs.		B2210406 45° Kanat Stoplama Plas. 45° Sash Stopper Rubber	4 Ad. 4 Pcs.
	B2610400 45° Kanat PVC Takoz 45°Sash PVC Cleat	8 Ad. 8 Pcs.		B1110205 Ayarlı Kanat Rulman Sliding And Ad. Carriage	4 Ad. 4 Pcs.
	B3208220 Vidalı Kanat Bağ. Takozu Screwed Corner Cleat	8 Ad. 8 Pcs.		B4711006 Fırça Fitil TRI-FIN Sealing Brush TRI-FIN	10A+12B
	B2110404 45° Kanat Köşe Hizalama 45° Corner Alignment	16 Ad. 16 Pcs.		B4310022 Ray Kapama Contası Gasket For Frame Rails	2L+4H
	B5310303 Kasa Alt Tozluk Central Bottom Sealing	1 Ad. 1 Pcs.		Cam Kama Contası Wedge Gasket (Cam Tercihine Göre) (According To The Preferred Glass)	A-150 mm. 8 Ad. / Pcs. B-150 mm. 8 Ad. / Pcs.
	B5320310 Kasa Üst Tozluk Central Top Sealing	1 Ad. 1 Pcs.		B5110351 Kanal "U" Plastiği Plastic Cover For Frame	L-39 mm. 2 Ad. / Pcs H-39 mm. 2 Ad. / Pcs
	B2310403 Kenetli Adap. Kap. Alt End Cap Bottom	2 Ad. 2 Pcs.		B5210361 Kanat Kenetleme Plastiği Locking Adapter Plastic	B=2 Ad. B=2 Pcs.
	B2310402 Kenetli Adap. Kap. Üst End Cap Top	2 Ad. 2 Pcs.		B5611214 Paslanmaz Çelik Ray Stainless Steel Driver	L-90 mm. 2 Ad./Pcs.

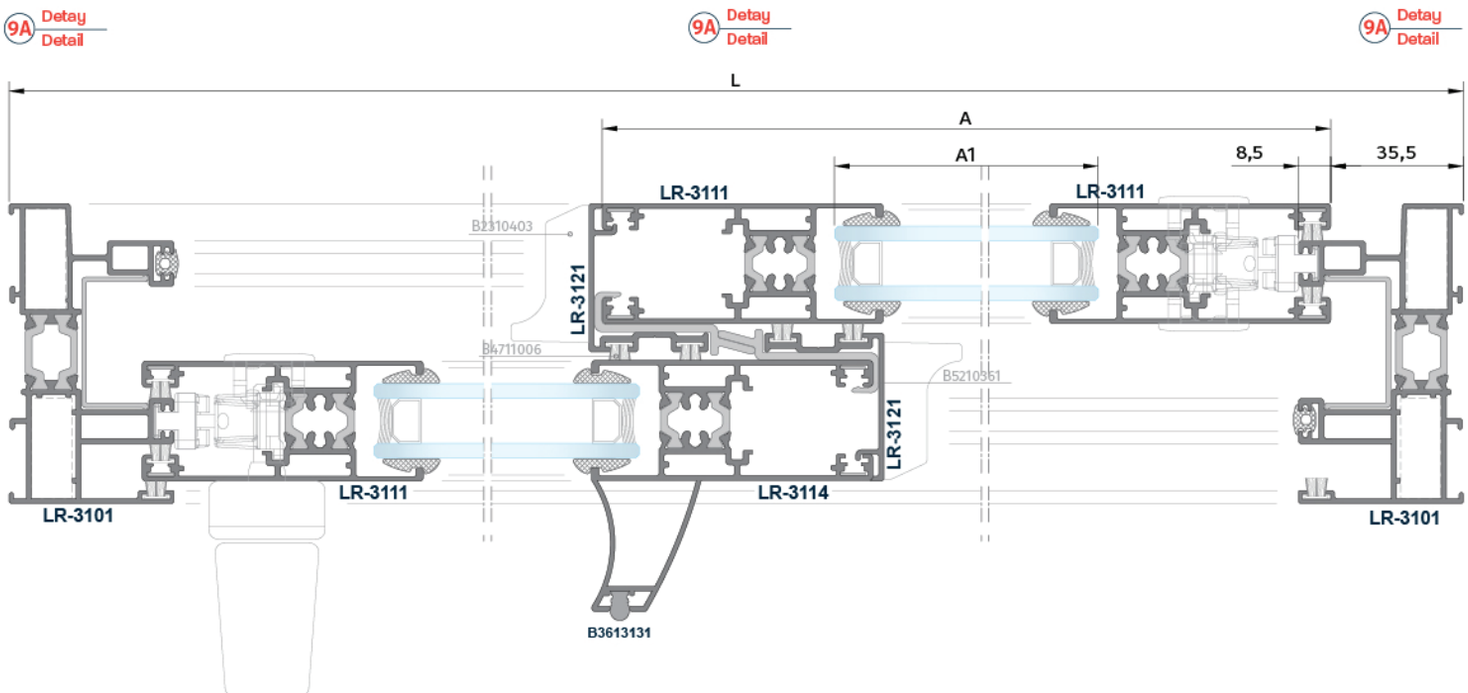
ÖLÇEK: 1:2
SCALE: 1:2

ALTERNATİF
ALTERNATIVE

9A Detay / Detail

A 45° Klasik Sürme
45° Classical Slide

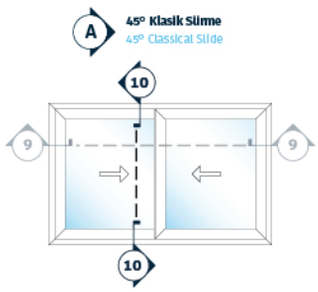




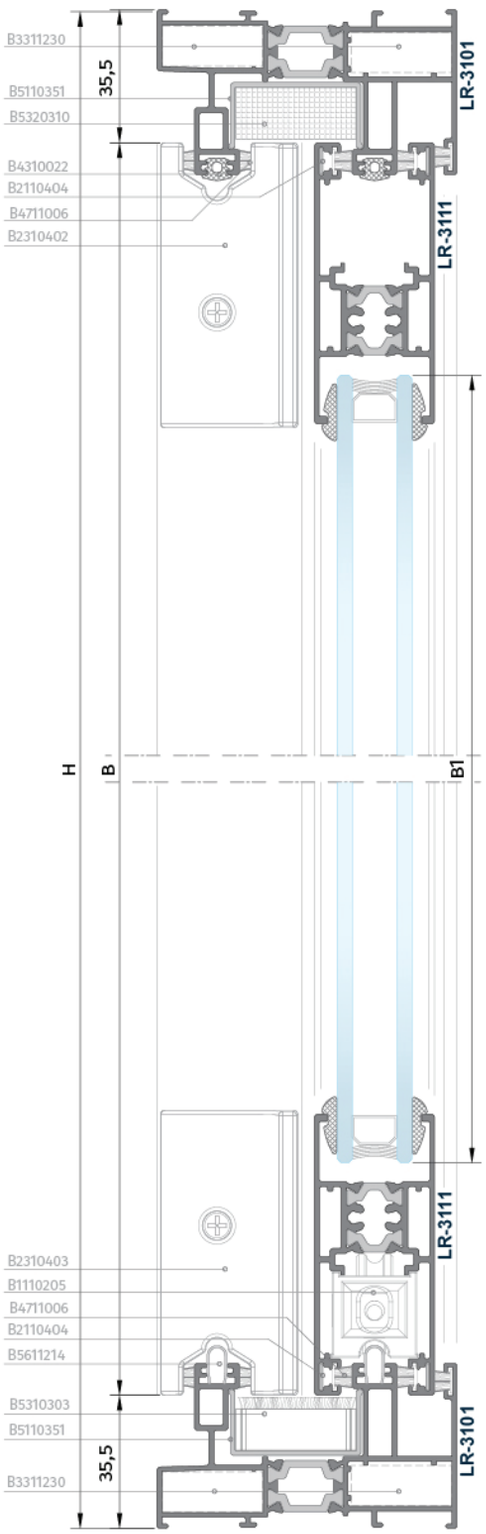
				mm.
Kasa Genişlik Frame Width	LR-3101		2 Ad. 2 Pcs.	L
Kasa Yükseklik Frame Height	LR-3101		2 Ad. 2 Pcs.	H
Kanat Yükseklik Sash Height	LR-3111		3 Ad. 3 Pcs.	B=H-71
Kanat Yükseklik Sash Height	LR-3114		1 Ad. 1 Pcs.	B=H-71
Kanat Genişlik Sash Width	LR-3111		4 Ad. 4 Pcs.	A=L÷2
Kenet Yükseklik Hook Profile Height	LR-3121		2 Ad. 2 Pcs.	H-71
Kanat Cam Genişlik Sash Glazing Width			2 Ad. 2 Pcs.	A1=L-247÷2
Kanat Cam Yükseklik Sash Glazing Height			2 Ad. 2 Pcs.	B1=H-195

	B3311230 Vidalı Köşe Bağ. Takozu Screwed Corner Cleat	8 Ad. 8 Pcs.		B2210406 45° Kanat Stoplama Plas. 45° Sash Stopper Rubber	4 Ad. 4 Pcs.
	B2610400 45° Kanat PVC Takoz 45° Sash PVC Cleat	8 Ad. 8 Pcs.		B1110205 Ayarlı Kanat Rulman Sliding And Ad. Carriage	4 Ad. 4 Pcs.
	B3208220 Vidalı Kanat Bağ. Takozu Screwed Corner Cleat	8 Ad. 8 Pcs.		B4711006 Fırça Fitil TRI-FIN Sealing Brush TRI-FIN	10A+12B
	B2110404 45° Kanat Köşe Hizalama 45° Corner Alignment	16 Ad. 16 Pcs.		B4310022 Ray Kapama Contası Gasket For Frame Rails	2L+4H
	B5310303 Kasa Alt Tozluk Central Bottom Sealing	1 Ad. 1 Pcs.		Cam Kama Contası Wedge Gasket (Cam Tarchine Göre) (According To The Preforred Glass)	A-150 mm. 8 Ad. / Pcs. B-150 mm. 8 Ad. / Pcs.
	B5320310 Kasa Üst Tozluk Central Top Sealing	1 Ad. 1 Pcs.		B5110351 Kanal "U" Plastiği Plastic Cover For Frame	L-39 mm. 2 Ad. / Pcs H-39 mm. 2 Ad. / Pcs
	B2310403 Kenetli Adap. Kap. Alt End Cap Bottom	2 Ad. 2 Pcs.		B5210361 Kanat Kenetleme Plastiği Locking Adapter Plastic	B=2 Ad. B=2 Pcs.
	B2310402 Kenetli Adap. Kap. Üst End Cap Top	2 Ad. 2 Pcs.		B5611214 Paslanmaz Çelik Ray Stainless Stell Driver	L-90 mm. 2 Ad./ Pcs.
	B2310407 45° Kulp Kapağı 45°Sash End Cap	1 Tk. 1 Set.		B3613131 Dekoratif Kulp Çıtası Decorative Trim (Ral 3020)	B-130 mm. 1 Ad./ Pcs.

ÖLÇEK: 1:2
SCALE: 1:2

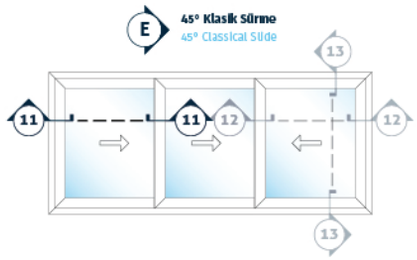


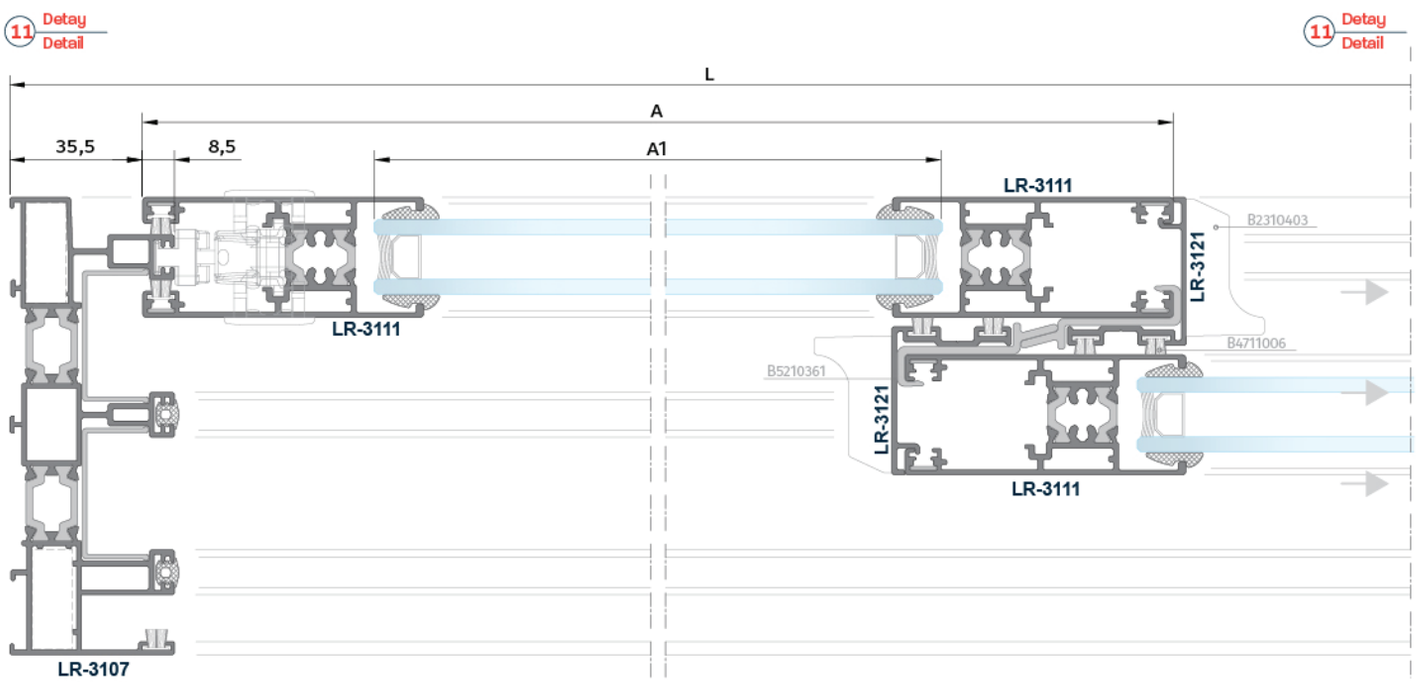
10 Detay
Detail



10 Detay
Detail

ÖLÇEK: 1:2
SCALE: 1:2



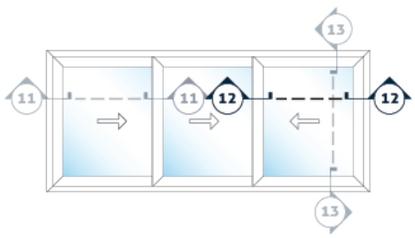


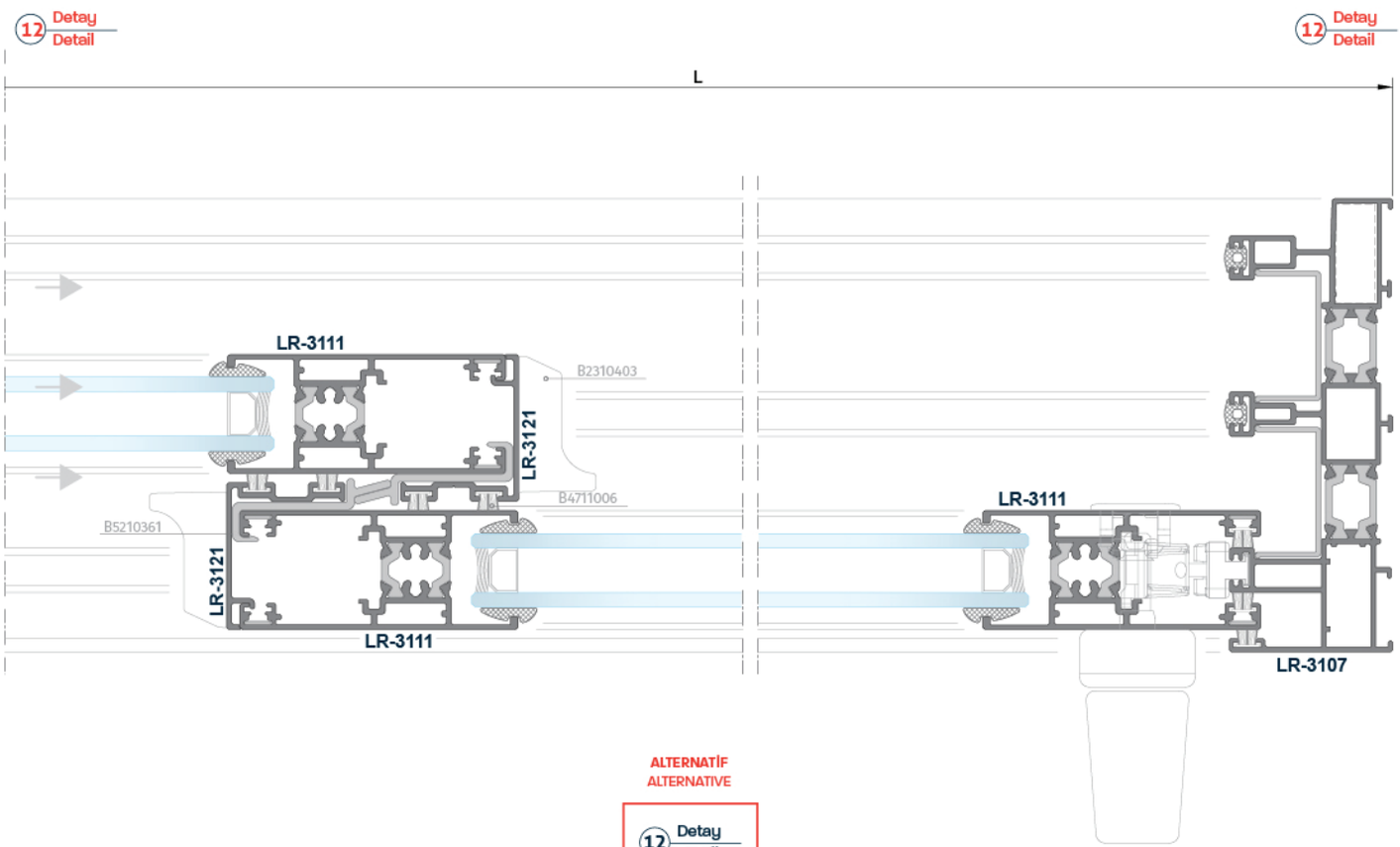
					mm.
Kasa Genişlik Frame Width	**LR-3107**			**2 Ad.** 2 Pcs.	L
Kasa Yükseklik Frame Height	**LR-3107**			**2 Ad.** 2 Pcs.	H
Kanat Yükseklik Sash Height	**LR-3111**			**6 Ad.** 6 Pcs.	B=H-71
Kanat Genişlik Sash Width	**LR-3111**			**6 Ad.** 6 Pcs.	A=L+73 ÷ 3
Kenet Yükseklik Hook Profile Height	**LR-3121**			**4 Ad.** 4 Pcs.	H-71
Kanat Cam Genişlik Sash Glazing Width				**3 Ad.** 3 Pcs.	A1=L-300 ÷ 3
Kanat Cam Yükseklik Sash Glazing Height				**3 Ad.** 3 Pcs.	B1=H-195

	B3311230 **Vidalı Köşe Bağ. Takozu** Screwed Corner Cleat	**8 Ad.** 8 Pcs.		B2210406 **45° Kanat Stoplama Plas.** 45° Sash Stopper Rubber	**4 Ad.** 4 Pcs.
	B2610400 **45° Kanat PVC Takoz** 45°Sash PVC Cleat	**12 Ad.** 12 Pcs.		B1110205 **Ayarlı Kanat Rulman** Sliding And Ad. Carriage	**6 Ad.** 6 Pcs.
	B3208220 **Vidalı Kanat Bağ. Takozu** Screwed Corner Cleat	**12 Ad.** 12 Pcs.		B4711006 **Fırça Fitil TRI-FIN** Sealing Brush TRI-FIN	**14A+14B**
	B2110404 **45° Kanat Köşe Hizalama** 45° Corner Alignment	**24 Ad.** 24 Pcs.		B4310022 **Ray Kapama Contası** Gasket For Frame Rails	**3L+6H**
	B5310303 **Kasa Alt Tozluk** Central Bottom Sealing	**2 Ad.** 2 Pcs.		**Cam Kama Contası** Wedge Gasket (Cam Tercihine Göre) (According To The Preferred Glass)	**A-150 mm.** 12 Ad. / Pcs. **B-150 mm.** 12 Ad. / Pcs.
	B5320310 **Kasa Üst Tozluk** Central Top Sealing	**2 Ad.** 2 Pcs.		B5110351 **Kanat "U" Plastiği** Plastic Cover For Frame	**L-39 mm.** 4 Ad. / Pcs **H-39 mm.** 4 Ad. / Pcs
	B2310403 **Kenetli Adap. Kap. Alt** End Cap Bottom	**4 Ad.** 4 Pcs.		B5210361 **Kanat Kenetleme Plastiği** Locking Adapter Plastic	**B=4 Ad.** B=4 Pcs.
	B2310402 **Kenetli Adap. Kap. Üst** End Cap Top	**4 Ad.** 4 Pcs.		B5611214 **Paslanmaz Çelik Ray** Stainless Steel Driver	**L-90 mm.** 3 Ad./Pcs.

ÖLÇEK: 1:2
SCALE: 1:2

E 45° Klasik Sürme
45° Classical Slide

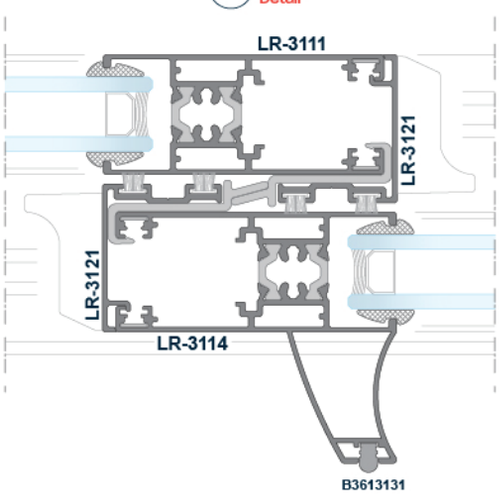


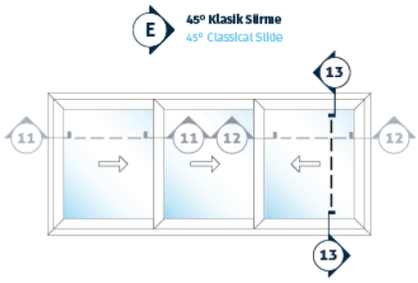


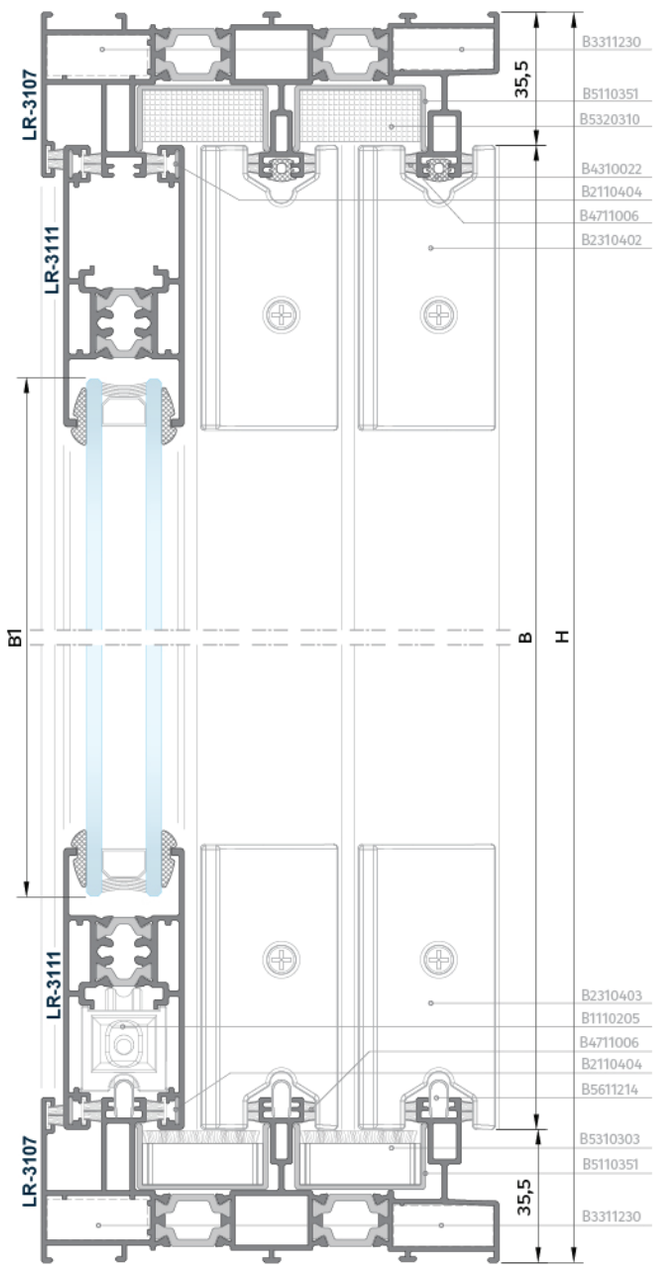
ALTERNATİF
ALTERNATIVE

12 Detay Detail

12A Detay Detail

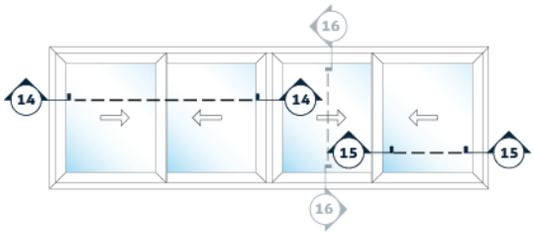


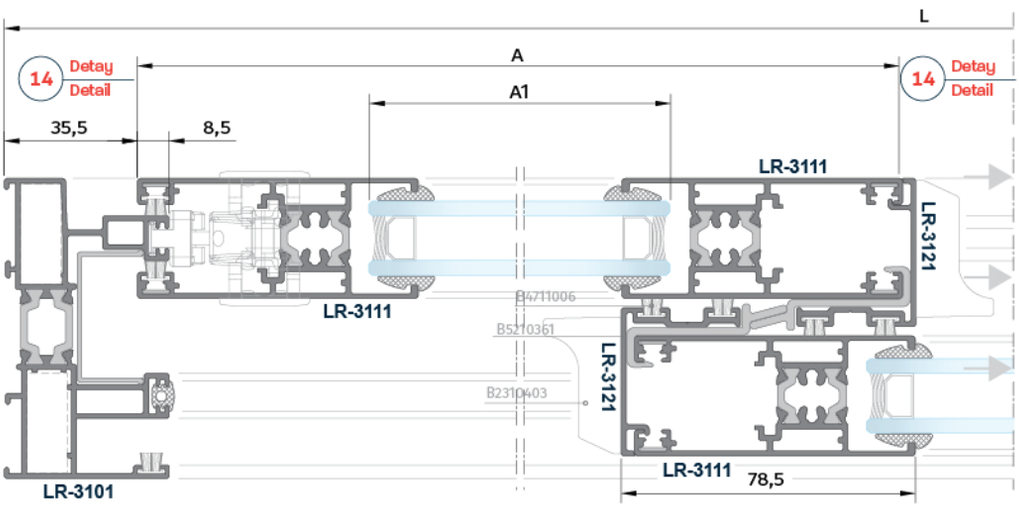




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SCALE: 1:2

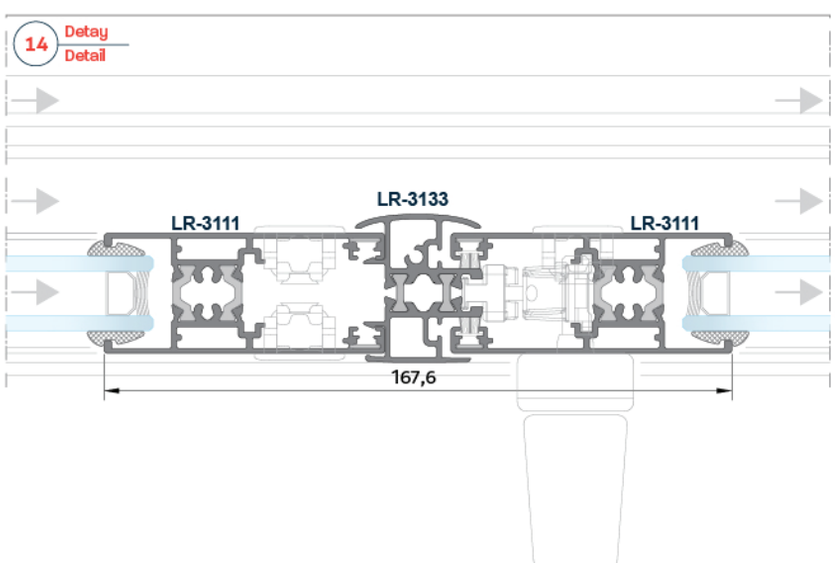
C 45° Klasik Sürme
45° Classical Slide

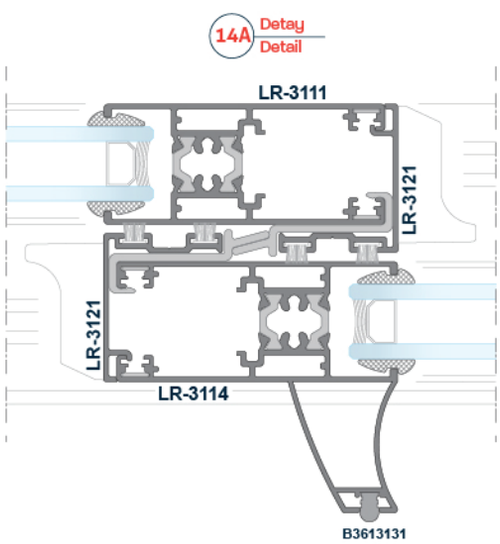


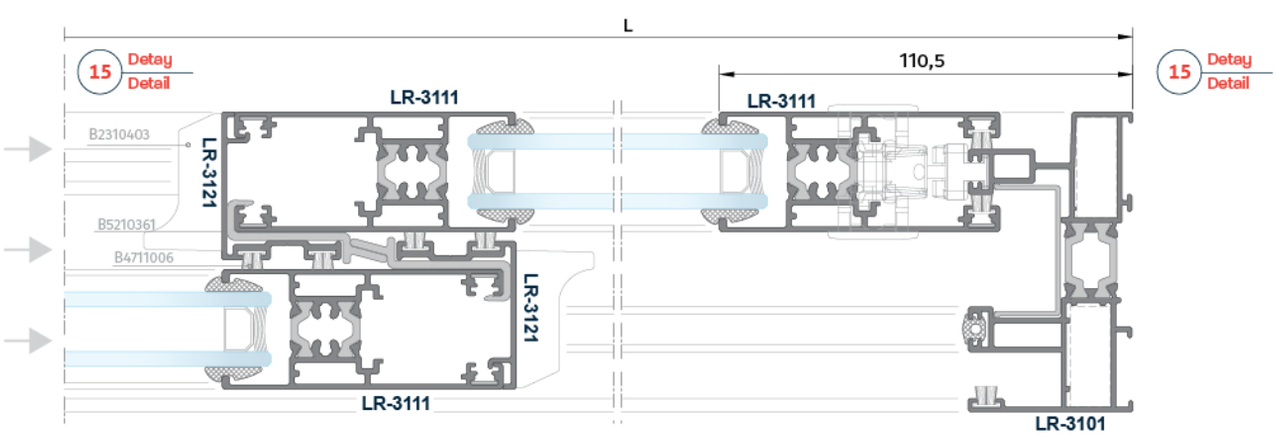


ALTERNATİF
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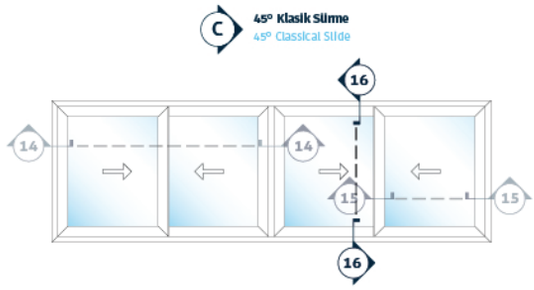
14 Detay Detail



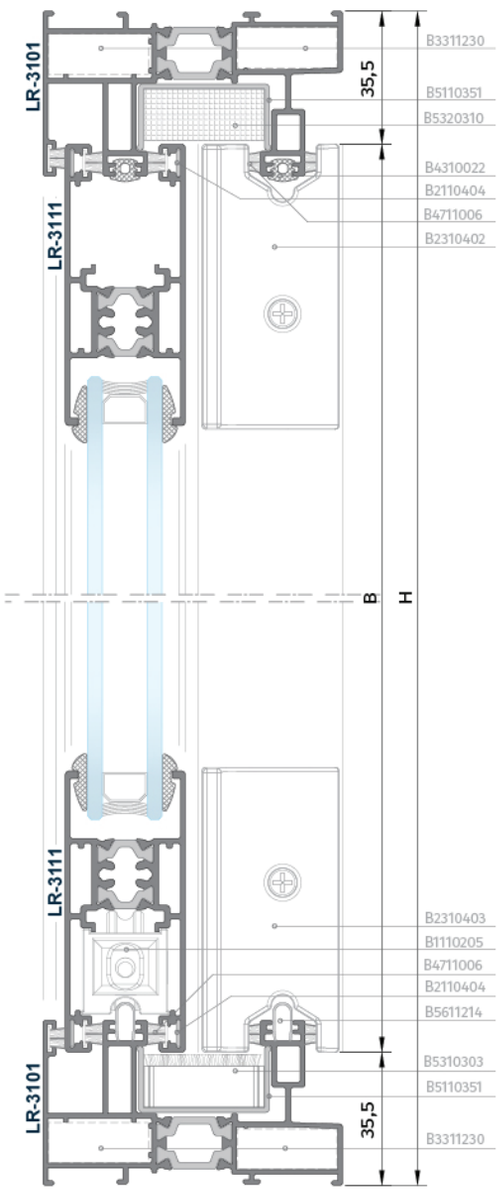




ÖLÇEK: 1:2
SCALE: 1:2



16 Detay
Detail

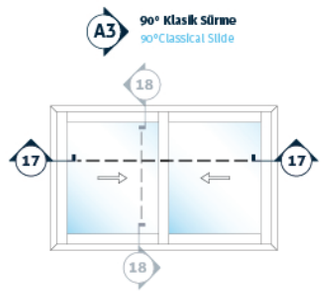


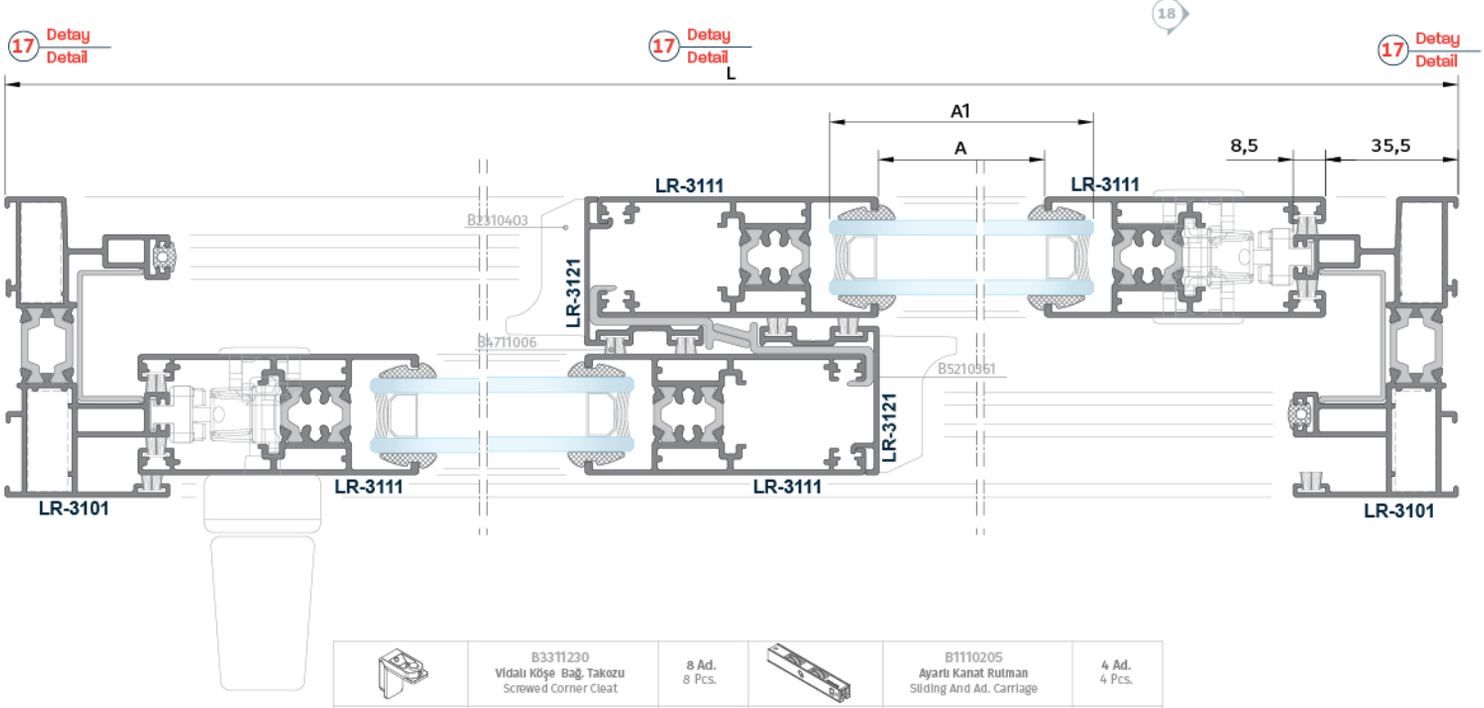
16 Detay
Detail

					mm.
Kasa Genişlik Frame Width	LR-3101			2 Ad. 2 Pcs.	L
Kasa Yüksekliк Frame Height	LR-3101			2 Ad. 2 Pcs.	H
Kanat Yüksekliк Sash Height	LR-3111			8 Ad. 8 Pcs.	B=H-71
Kanat Genişlik Sash Width	LR-3111			8 Ad. 8 Pcs.	A=L+55 ÷ 4
Orta Kilitleme Profil Yüksekliк Center Locking Profile Height	LR-3133			1 Ad. 1 Pcs.	H-105
Kenet Yüksekliк Hook Profile Height	LR-3121			2 Ad. 2 Pcs.	H-71
Kanat Cam Genişlik Sash Glazing Width				4 Ad. 4 Pcs.	A1=L-441 ÷ 4
Kanat Cam Yüksekliк Sash Glazing Height				4 Ad. 4 Pcs.	B1=H-195

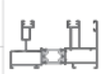
	B3311230 **Vidalı Köşe Bağ. Takozu** Screwed Corner Cleat	8 Ad. 8 Pcs.		B2210406 **45° Kanat Stoplama Plas.** 45° Sash Stopper Rubber	6 Ad. 6 Pcs.
	B2610400 **45° Kanat PVC Takoz** 45°Sash PVC Cleat	16 Ad. 16 Pcs.		B1110205 **Ayarlı Kanat Rulman** Sliding And Ad. Carriage	8 Ad. 8 Pcs.
	B3208220 **Vidalı Kanat Bağ. Takozu** Screwed Corner Cleat	16 Ad. 16 Pcs.		B4711006 **Fırça Fitil TRI-FIN** Sealing Brush TRI-FIN	18A+16B
	B2110404 **45° Kanat Köşe Hizalama** 45° Corner Alignment	32 Ad. 32 Pcs.		B4310022 **Ray Kapama Contası** Gasket For Frame Rails	2L+4H
	B5310303 **Kasa Alt Tozluk** Central Bottom Sealing	3 Ad. 3 Pcs.		**Cam Kama Contası** Wedge Gasket (Cam Tercihine Göre) **(According To The Preferred Glass)**	**A-150 mm.** 16 Ad. / Pcs. **B-150 mm.** 16 Ad. / Pcs.
	B5320310 **Kasa Üst Tozluk** Central Top Sealing	3 Ad. 3 Pcs.		B5110351 **Kanat "U" Plastiği** Plastic Cover For Frame	**L-39 mm.** 2 Ad. / Pcs **H-39 mm.** 2 Ad. / Pcs
	B2310403 **Kenetli Adap. Kap. Alt** End Cap Bottom	4 Ad. 4 Pcs.		B5210361 **Kanat Kenetleme Plastiği** Locking Adapter Plastic	**B=4 Ad.** B=4 Pcs.
	B2310402 **Kenetli Adap. Kap. Üst** End Cap Top	4 Ad. 4 Pcs.		B5611214 **Paslanmaz Çelik Ray** Stainless Steel Driver	**L-90 mm.** 2 Ad./ Pcs.
	B2313133 **Orta Adaptör Kapağı** Central End Cap For Sashes	1 Tk. 1 Set.			

ÖLÇEK: 1:2
SCALE: 1:2





	B3311230 **Vidalı Köşe Bağ. Takozu** Screwed Corner Cleat	**8 Ad.** 8 Pcs.		B1110205 **Ayarlı Kanat Rulman** Sliding And Ad. Carriage	**4 Ad.** 4 Pcs.
	B2610420 **90° Geniş Köşe Bağlantı** 90° W. Corner Wide Joints	**8 Ad.** 8 Pcs.		B4711006 **Fırça Fitil TRI-FIN** Sealing Brush TRI-FIN	**10A+12B**
	B5310303 **Kasa Alt Tozluk** Central Bottom Sealing	**1 Ad.** 1 Pcs.		B4310022 **Ray Kapama Contası** Gasket For Frame Rails	**2L+4H**
	B5320310 **Kasa Üst Tozluk** Central Top Sealing	**1 Ad.** 1 Pcs.		**Cam Kama Contası** Wedge Gasket (Cam Tercihine Göre) **(According To The Preformed Glass)**	**A-150 mm.** 8 Ad. / Pcs. **B-150 mm.** 8 Ad. / Pcs.
	B2310403 **Kenetli Adap. Kap. Alt** End Cap Bottom	**2 Ad.** 2 Pcs.		B5110351 **Kanat "U" Plastiği** Plastic Cover For Frame	**L-39 mm.** 2 Ad. / Pcs **H-39 mm.** 2 Ad. / Pcs
	B2310402 **Kenetli Adap. Kap. Üst** End Cap Top	**2 Ad.** 2 Pcs.		B5210361 **Kanat Kenetleme Plastiği** Locking Adapter Plastic	**B=2 Ad.** B=2 Pcs.
	B2210425 **Kanat Stoplama Adaptörü** Sash Stoper Adapter	**4 Ad.** 4 Pcs.		B5611214 **Paslanmaz Çelik Ray** Stainless Steel Driver	**L-90 mm.** 2 Ad./Pcs.
	B2210426 **Lastik Kanat Stoperi** Rubber Stop For Sash	**4 Ad.** 4 Pcs.			

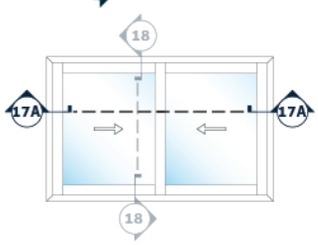
Kasa Genişlik Frame Width	**LR-3101**		**2 Ad.** 2 Pcs.	L
Kasa Yükseklik Frame Height	**LR-3101**		**2 Ad.** 2 Pcs.	H
Kanat Yükseklik Sash Height	**LR-3111**		**4 Ad.** 4 Pcs.	B=H-77
Kanat Genişlik Sash Width	**LR-3112**		**4 Ad.** 4 Pcs.	A=L-311 ÷ 2
Kenet Yükseklik Hook Profile Height	**LR-3121**		**2 Ad.** 2 Pcs.	H-77
Kanat Cam Genişlik Sash Glazing Width			**2 Ad.** 2 Pcs.	A1=L-247 ÷ 2
Kanat Cam Yükseklik Sash Glazing Height			**2 Ad.** 2 Pcs.	B1=H-231

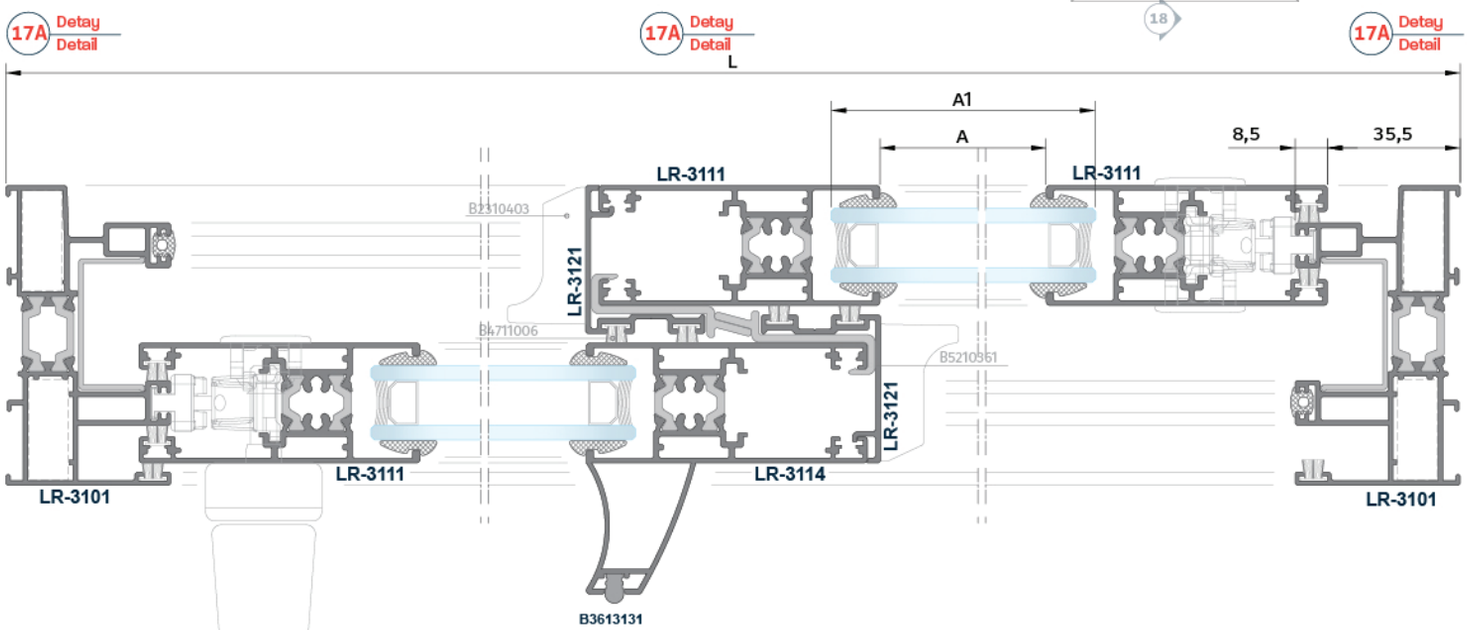
ÖLÇEK: 1:2
SCALE: 1:2

ALTERNATİF
ALTERNATIVE

17A Detay / Detail

A3 90° Klasik Sürme
90° Classical Slide

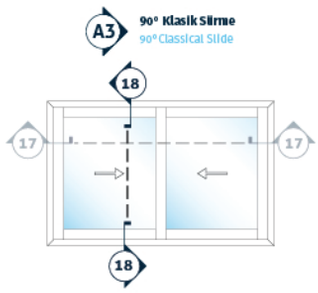


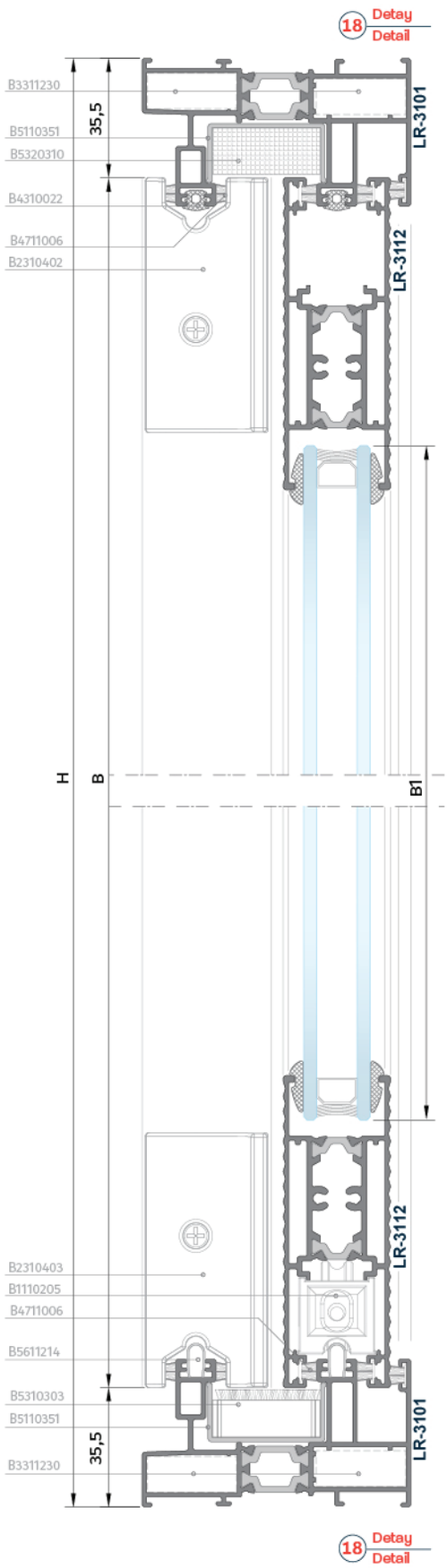


					mm.
Kasa Genişlik Frame Width	LR-3101			2 Ad. 2 Pcs.	L
Kasa Yükseklik Frame Height	LR-3101			2 Ad. 2 Pcs.	H
Kanat Yükseklik Sash Height	LR-3111			3 Ad. 3 Pcs.	B=H-77
Kanat Yükseklik Sash Height	LR-3114			1 Ad. 1 Pcs.	B=H-77
Kanat Genişlik Sash Width	LR-3112			4 Ad. 4 Pcs.	A=L-311÷2
Kenet Yükseklik Hook Profile Height	LR-3121			2 Ad. 2 Pcs.	H-77
Kanat Cam Genişlik Sash Glazing Width				2 Ad. 2 Pcs.	A1=L-247÷2
Kanat Cam Yükseklik Sash Glazing Height				2 Ad. 2 Pcs.	B1=H-231

	B3311230 **Vidalı Köşe Bağ. Takozu** Screwed Corner Cleat	8 Ad. 8 Pcs.		B1110205 **Ayarlı Kanat Rulman** Sliding And Ad. Carriage	4 Ad. 4 Pcs.
	B2610420 **90° Geniş Köşe Bağlantı** 90° W. Corner Wide Joints	8 Ad. 8 Pcs.		B4711006 **Fırça Fitil TRI-FIN** Sealing Brush TRI-FIN	10A+12B
	B5310303 **Kasa Alt Tozluk** Central Bottom Sealing	1 Ad. 1 Pcs.		B4310022 **Ray Kapama Contası** Gasket For Frame Rails	2L+4H
	B5320310 **Kasa Üst Tozluk** Central Top Sealing	1 Ad. 1 Pcs.		**Cam Kama Contası** Wedge Gasket (Cam Tercihine Göre) (According To The Preferred Glass)	A-150 mm. 8 Ad. / Pcs. B-150 mm. 8 Ad. / Pcs.
	B2310403 **Kenetli Adap. Kap. Alt** End Cap Bottom	2 Ad. 2 Pcs.		B5110351 **Kanal "U" Plastiği** Plastic Cover For Frame	L-39 mm. 2 Ad. / Pcs H-39 mm. 2 Ad. / Pcs
	B2310402 **Kenetli Adap. Kap. Üst** End Cap Top	2 Ad. 2 Pcs.		B5210361 **Kanat Kenetleme Plastiği** Locking Adapter Plastic	B=2 Ad. B=2 Pcs.
	B2210425 **Kanat Stoplama Adaptörü** Sash Stoper Adapter	4 Ad. 4 Pcs.		B5611214 **Paslanmaz Çelik Ray** Stainless Steel Driver	L-90 mm. 2 Ad./Pcs.
	B2210426 **Lastik Kanat Stoperi** Rubber Stop For Sash	4 Ad. 4 Pcs.		B3613131 **Dekoratif Kulp Çıtası** Decorative Trim (Ral 3020)	H-92 mm. 1 Ad./Pcs.
	B2310430 **90° Kertmeli Kulp Kapağı** 90° Notched Sash End Cap	1 Tk. 1 Set.			

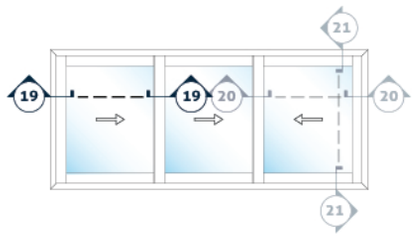
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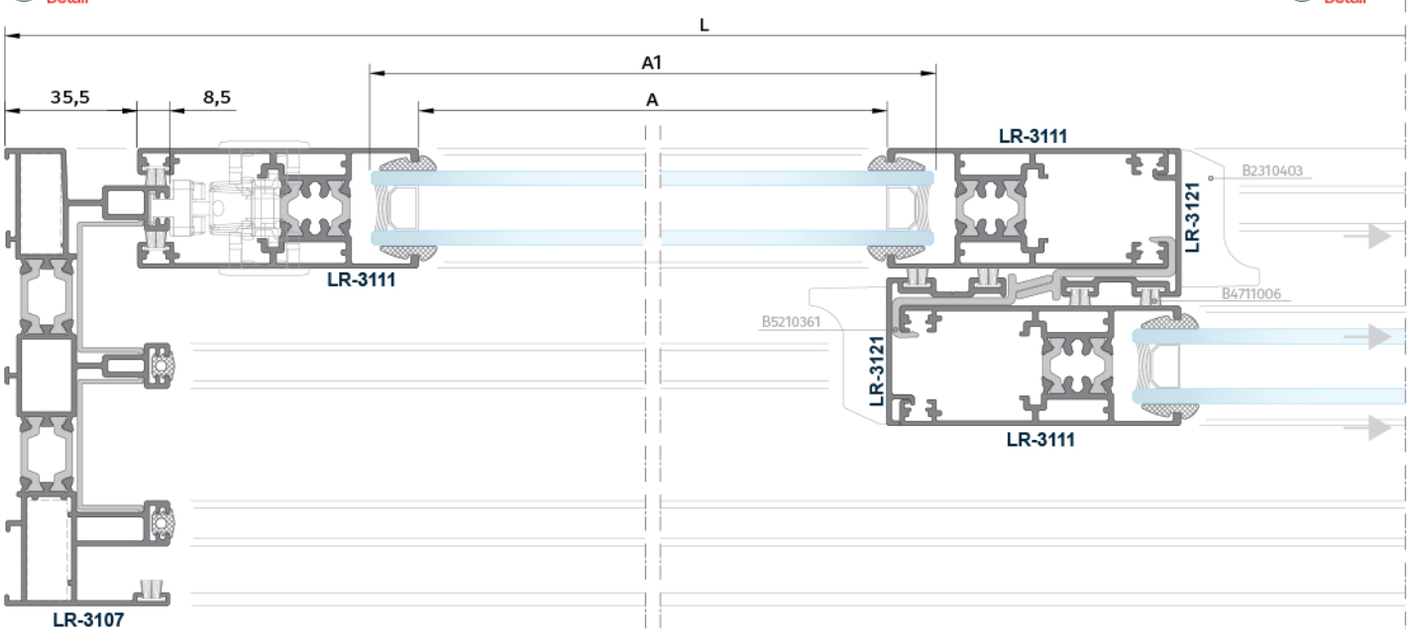
ÖLÇEK: 1:2
SCALE: 1:2

E3 90° Klasik Sürme
90° Classical Slide



19 Detay
Detail

19 Detay
Detail

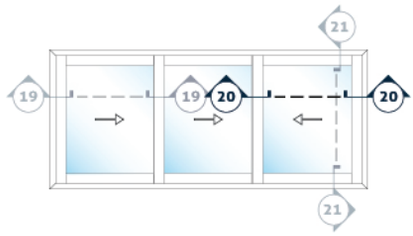


					mm.
Kasa Genişlik Frame Width	LR-3107			2 Ad. 2 Pcs.	L
Kasa Yükseklik Frame Height	LR-3107			2 Ad. 2 Pcs.	H
Kanat Yükseklik Sash Height	LR-3111			6 Ad. 6 Pcs.	B=H-77
Kanat Genişlik Sash Width	LR-3112			6 Ad. 6 Pcs.	A=L-395 ÷ 3
Kenet Yükseklik Hook Profile Height	LR-3121			4 Ad. 4 Pcs.	H-77
Kanat Cam Genişlik Sash Glazing Width				3 Ad. 3 Pcs.	A1=L-300 ÷ 3
Kanat Cam Yükseklik Sash Glazing Height				3 Ad. 3 Pcs.	B1=H-231

	B3311230 **Vidalı Köşe Bağ. Takozu** Screwed Corner Cleat	8 Ad. 8 Pcs.		B1110205 **Ayarlı Kanat Rulman** Sliding And Ad. Carriage	6 Ad. 6 Pcs.
	B2610420 **90° Geniş Köşe Bağlantı** 90° W. Corner Wide Joints	12 Ad. 12 Pcs.		B4711006 **Fırça Fitil TRI-FIN** Sealing Brush TRI-FIN	14A+14B
	B5310303 **Kasa Alt Tozluk** Central Bottom Sealing	3 Ad. 3 Pcs.		B4310022 **Ray Kapama Contası** Gasket For Frame Rails	3L+6H
	B5320310 **Kasa Üst Tozluk** Central Top Sealing	3 Ad. 3 Pcs.		**Cam Kama Contası** Wedge Gasket (Cam Tarihine Göre) (According To The Proforrod Glass)	A-150 mm. 12 Ad./Pcs. B-150 mm. 12 Ad./Pcs.
	B2310403 **Kenetli Adap. Kap. Alt** End Cap Bottom	4 Ad. 4 Pcs.		B5110351 **Kanal "U" Plastiği** Plastic Cover For Frame	L-39 mm. 4 Ad./Pcs H-39 mm. 4 Ad./Pcs
	B2310402 **Kenetli Adap. Kap. Üst** End Cap Top	4 Ad. 4 Pcs.		B5210361 **Kanat Kenetleme Plastiği** Locking Adapter Plastic	B=4 Ad. B=4 Pcs.
	B2210425 **Kanat Stoplama Adaptörü** Sash Stoper Adapter	4 Ad. 4 Pcs.		B5611214 **Paslanmaz Çelik Ray** Stainless Steil Driver	L-90 mm. 3 Ad./Pcs.
	B2210426 **Lastik Kanat Stoperi** Rubber Stop For Sash	4 Ad. 4 Pcs.			

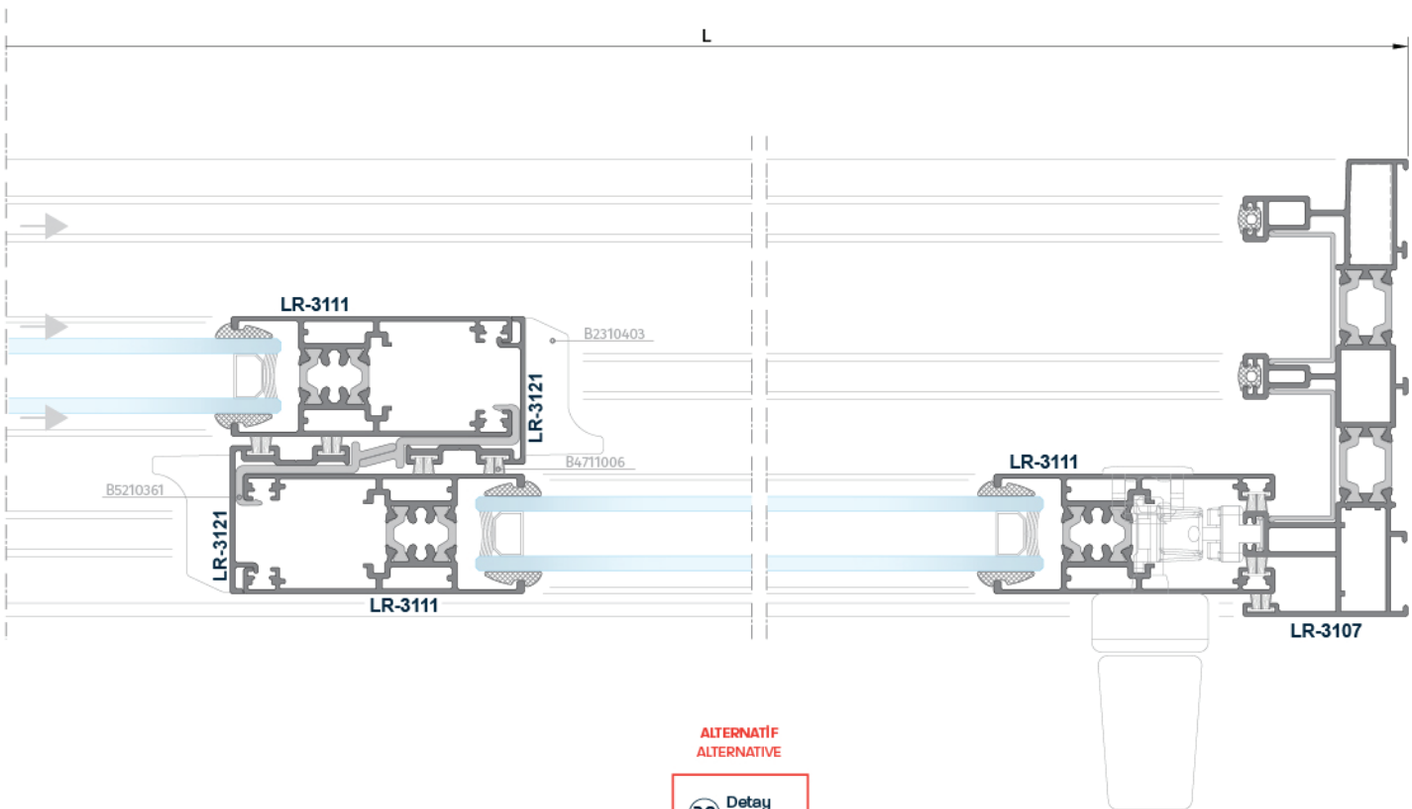
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SCALE: 1:2

E3 90° Klasik Sürme
90° Classical Slide



20 Detay / Detail

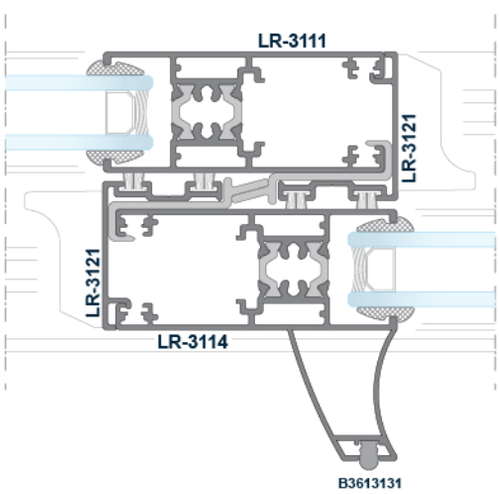
20 Detay / Detail



ALTERNATİF
ALTERNATIVE

20 Detay / Detail

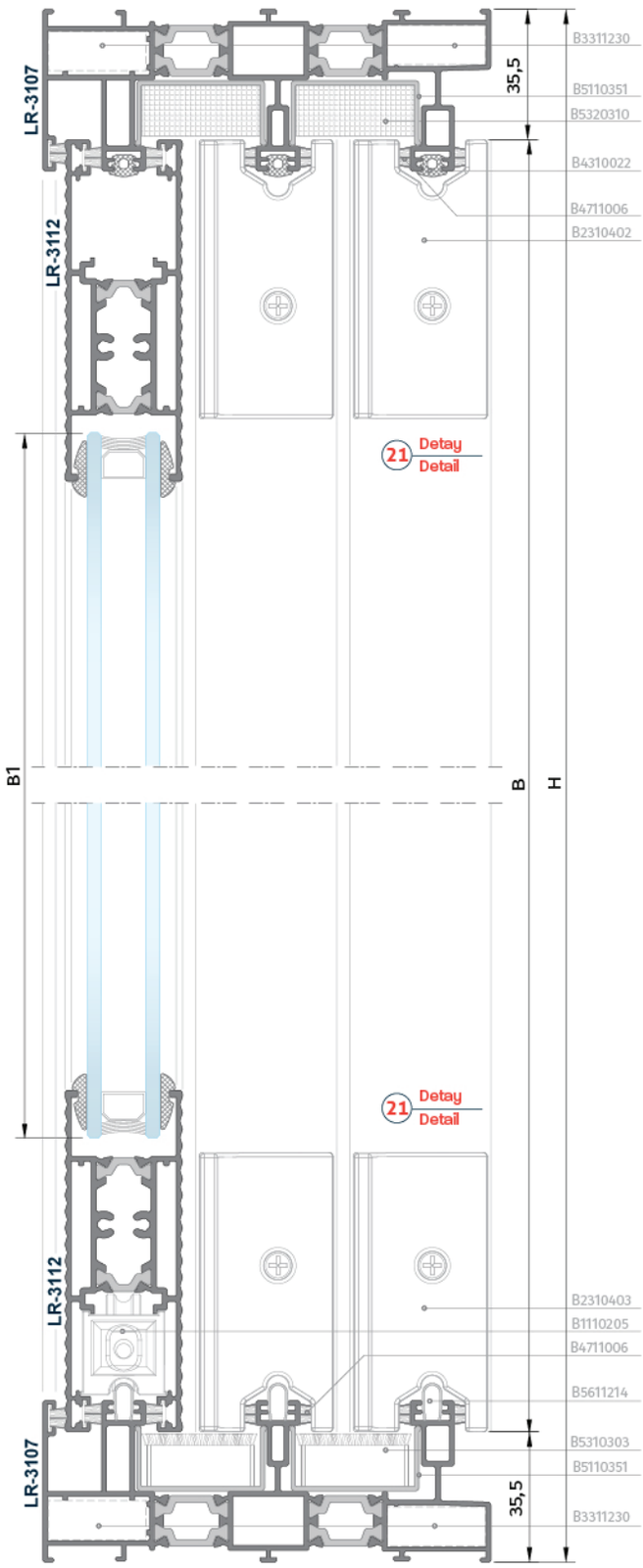
20A Detay / Detail



ÖLÇEK: 1:2
SCALE: 1:2

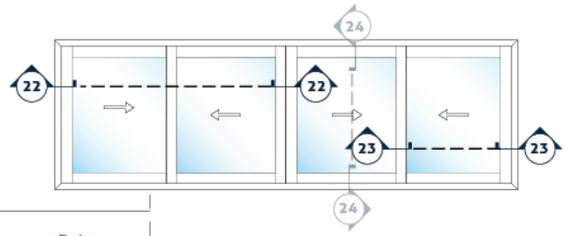
E3 90° Klasik Sürme
90° Classical Slide

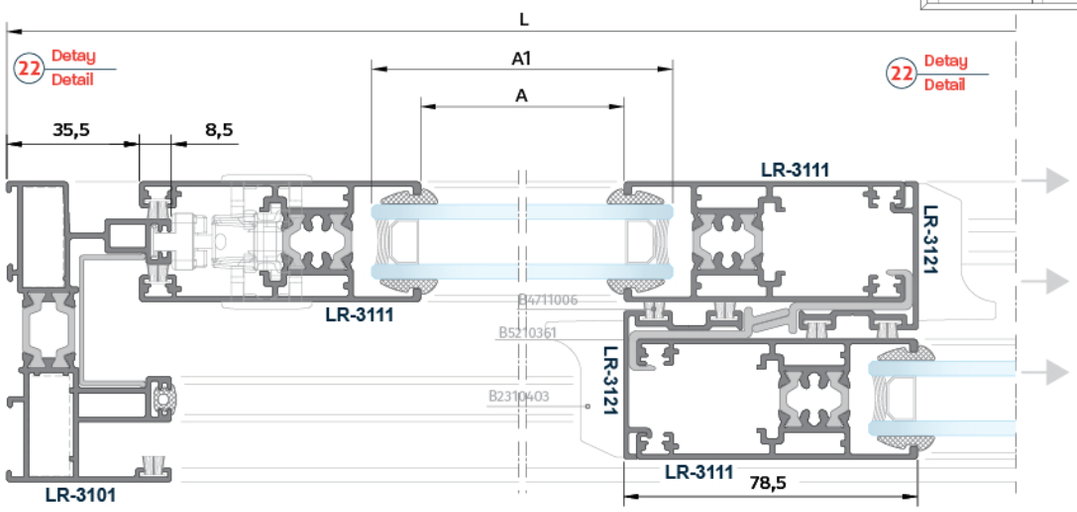




ÖLÇEK: 1:2
SCALE: 1:2

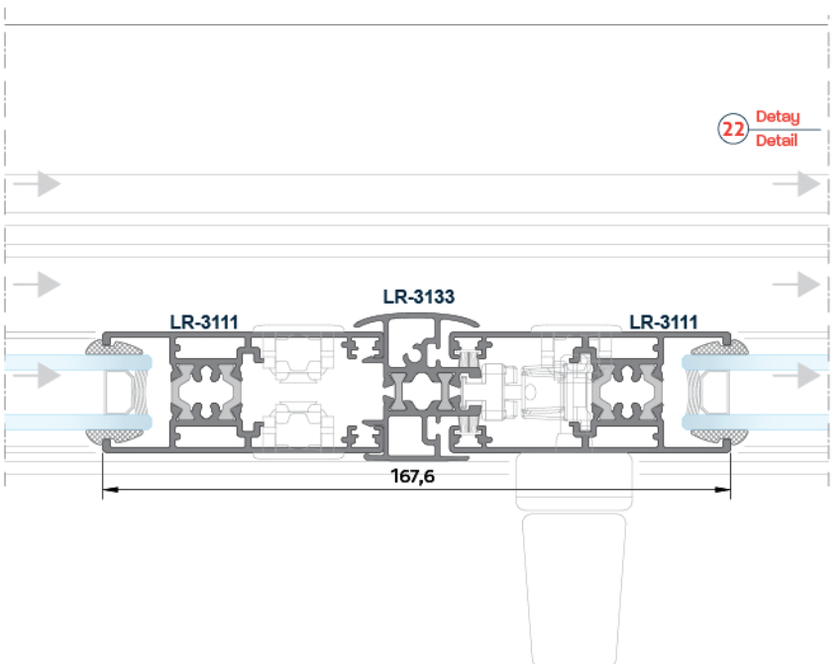
C1 90°Klasik Sürme
90°Classical Slide



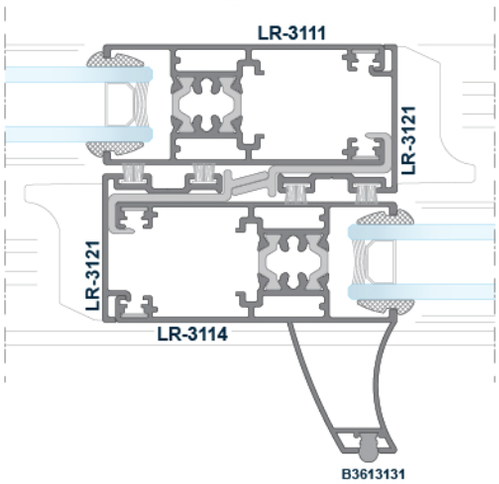


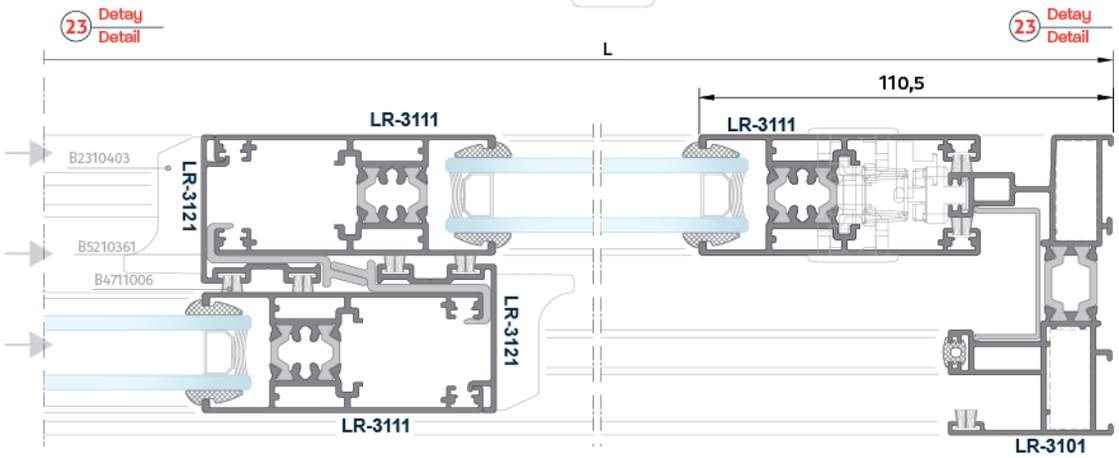
ALTERNATİF
ALTERNATIVE

22 Detay Detail



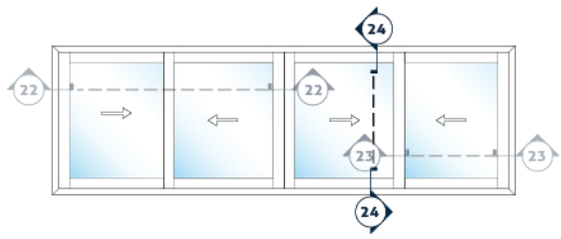
22A Detay Detail



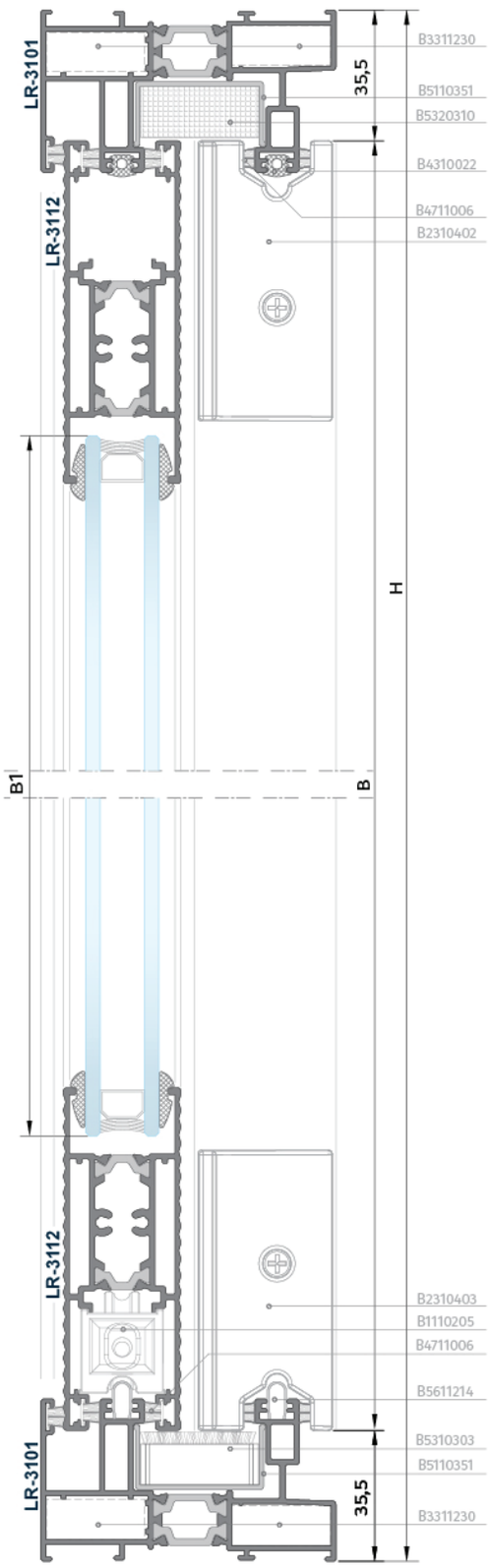


ÖLÇEK: 1:2
SCALE: 1:2

C1 **90° Klasik Sürme**
90°Classical Slide



24 Detay
Detail



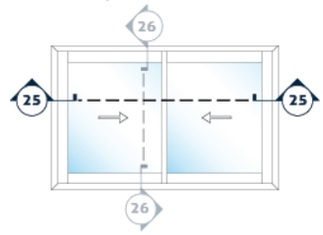
24 Detay
Detail

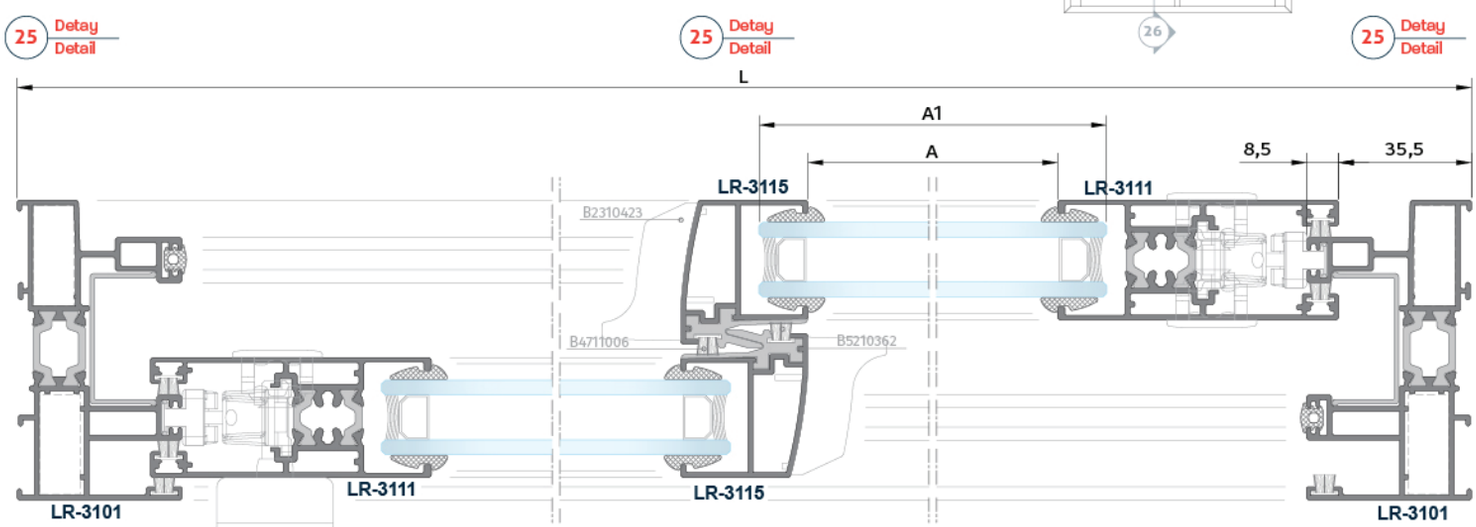
					mm.
Kasa Genişlik Frame Width	**LR-3101**			**2 Ad.** 2 Pcs.	L
Kasa Yüksekllk Frame Height	**LR-3101**			**2 Ad.** 2 Pcs.	H
Kanat Yüksekllk Sash Height	**LR-3111**			**3 Ad.** 3 Pcs.	B=H-77
Kanat Genişlik Sash Width	**LR-3112**			**4 Ad.** 4 Pcs.	A=L-570 ÷ 4
Orta Kilitleme Profil Yüksekllk Center Locking Profile Height	**LR-3133**			**1 Ad.** 1 Pcs.	H-105
Kenet Yüksekllk Hook Profile Height	**LR-3121**			**2 Ad.** 2 Pcs.	H-77
Kanat Cam Genişlik Sash Glazing Width				**2 Ad.** 2 Pcs.	A1=L-441 ÷ 4
Kanat Cam Yüksekllk Sash Glazing Height				**2 Ad.** 2 Pcs.	B1=H-231

	B3311230 **Vidalı Köşe Bağ. Takozu** Screwed Corner Cleat	**8 Ad.** 8 Pcs.		B2313133 **Orta Adaptör Kapağı** Central End Cap For Sashes	**1 Tk.** 1 Set.
	B2610420 **90° Geniş Köşe Bağlantı** 90° W. Corner Wide Joints	**16 Ad.** 16 Pcs.		B1110205 **Ayarlı Kanat Rulman** Sliding And Ad. Carriage	**8 Ad.** 8 Pcs.
	B5310303 **Kasa Alt Tozluk** Central Bottom Sealing	**3 Ad.** 3 Pcs.		B4711006 **Fırça Fitil TRI-FIN** Sealing Brush TRI-FIN	**18A+16B**
	B5320310 **Kasa Üst Tozluk** Central Top Sealing	**3 Ad.** 3 Pcs.		B4310022 **Ray Kapama Contası** Gasket For Frame Rails	**2L+4H**
	B5310303 **Kasa Alt Tozluk** Central Bottom Sealing	**4 Ad.** 4 Pcs.		**Cam Kama Contası** Wedge Gasket (Cam Tercihine Göre) **(According To The Preferred Glass)**	**A-150 mm.** 16 Ad./Pcs. **B-150 mm.** 16 Ad./Pcs.
	B2310402 **Kenetli Adap. Kap. Üst** End Cap Top	**4 Ad.** 4 Pcs.		B5110351 **Kanal "U" Plastiği** Plastic Cover For Frame	**L-39 mm.** 2 Ad./Pcs. **H-39 mm.** 2 Ad./Pcs.
	B2210425 **Kanat Stoplama Adaptörü** Sash Stoper Adapter	**6 Ad.** 6 Pcs.		B5210361 **Kanat Kenetleme Plastiği** Locking Adapter Plastic	**B=4 Ad.** B=4 Pcs.
	B2210426 **Lastik Kanat Stoperi** Rubber Stop For Sash	**6 Ad.** 6 Pcs.		B5611214 **Paslanmaz Çelik Ray** Stainless Steel Driver	**L-90 mm.** 2 Ad./Pcs.

ÖLÇEK: 1:2
SCALE: 1:2

A3 90° Klasik Sürme
90°Classical Slide



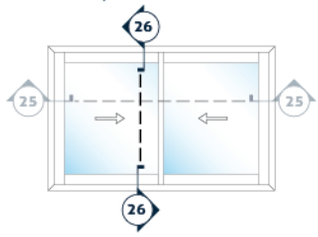


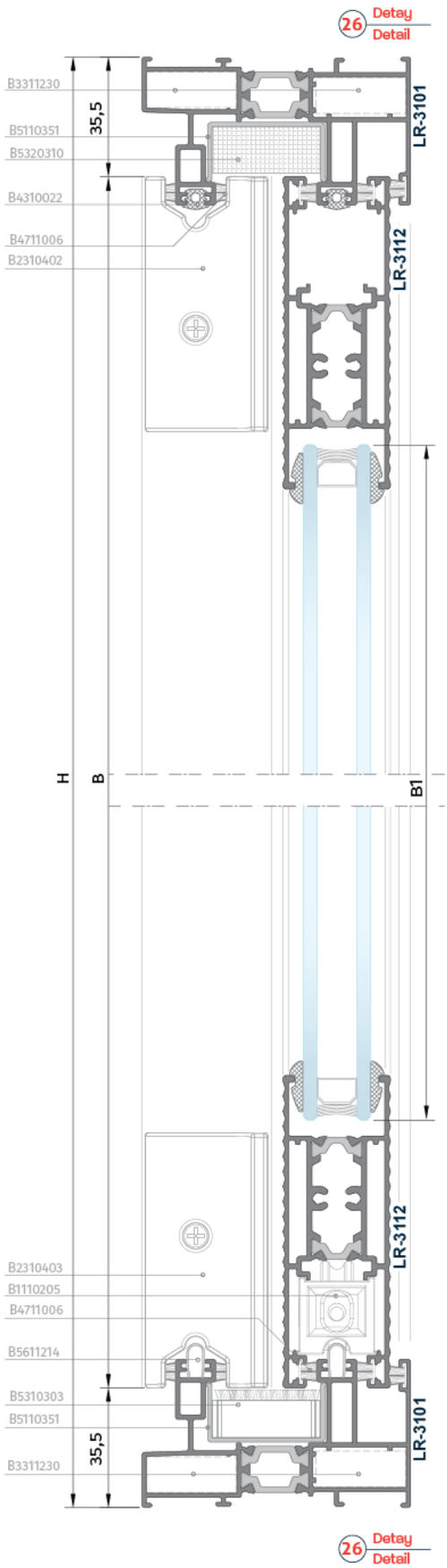
	B3311230 **Vidalı Köşe Bağ. Takozu** Screwed Corner Cleat	**8 Ad.** 8 Pcs.		B2210426 **Lastik Kanat Stoperi** Rubber Stop For Sash	**4 Ad.** 4 Pcs.
	B2610420 **90° Geniş Köşe Bağlantı** 90° W. Corner Wide Joints	**4 Ad.** 4 Pcs.		B1110205 **Ayarlı Kanat Rulman** Sliding And Ad. Carriage	**4 Ad.** 4 Pcs.
	B2610421 **90° Dar Köşe Bağlantı** 90° W. Cor. Narrow Joints	**4 Ad.** 4 Pcs.		B4711006 **Fırça Fitil TRI-FIN** Sealing Brush TRI-FIN	**10A+12B**
	B5310303 **Kasa Alt Tozluk** Central Bottom Sealing	**1 Ad.** 1 Pcs.		B4310022 **Ray Kapama Contası** Gasket For Frame Rails	**2L+4H**
	B5320310 **Kasa Üst Tozluk** Central Top Sealing	**1 Ad.** 1 Pcs.		**Cam Kama Contası** Wedge Gasket (Cam Tercihine Göre) (According To The Preferred Glass)	**A-150 mm.** 8 Ad. / Pcs **B-150 mm.** 8 Ad. / Pcs
	B2310423 **İnce Kenetli Adap. Kap. Alt** End Cap Bottom	**2 Ad.** 2 Pcs.		B5110351 **Kanal "U" Plastiği** Plastic Cover For Frame	**L-39 mm.** 2 Ad. / Pcs **H-39 mm.** 2 Ad. / Pcs
	B2310422 **İnce Kenetli Adap. Kap. Üst** End Cap Top	**2 Ad.** 2 Pcs.		B5210362 **Kanat Kenetleme Plastiği** Locking Adapter Plastic	**B=2 Ad.** B=2 Pcs.
	B2210425 **Kanat Stoplama Adaptörü** Sash Stoper Adapter	**4 Ad.** 4 Pcs.		B5611214 **Paslanmaz Çelik Ray** Stainless Stell Driver	**L-90 mm.** 2 Ad./ Pcs

					mm.
Kasa Genişlik Frame Width	**LR-3101**			**2 Ad.** 2 Pcs.	L
Kasa Yükseklik Frame Height	**LR-3101**			**2 Ad.** 2 Pcs.	H
Kanat Yükseklik Sash Height	**LR-3111**			**2 Ad.** 2 Pcs.	B=H-77
Kanat Genişlik Sash Width	**LR-3112**			**4 Ad.** 4 Pcs.	A=L-267 ÷2
Kenetli Kanat Yükseklik Sash Height	**LR-3115**			**2 Ad.** 2 Pcs.	H-77
Kanat Cam Genişlik Sash Glazing Width				**2 Ad.** 2 Pcs.	A1=L-203 ÷2
Kanat Cam Yükseklik Sash Glazing Height				**2 Ad.** 2 Pcs.	B1=H-231

ÖLÇEK: 1:2
SCALE: 1:2

A3 90° Klasik Sürme
90°Classical Slide



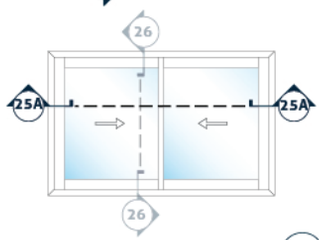


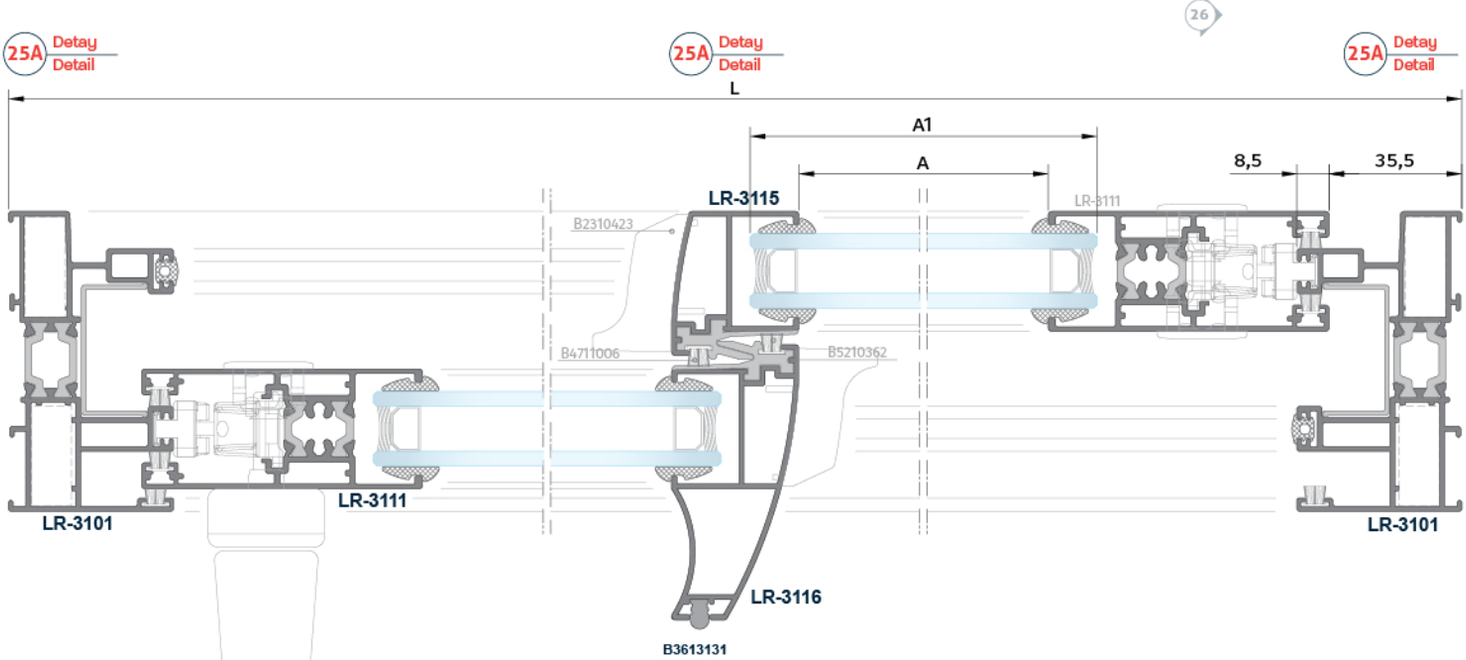
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SCALE: 1:2

ALTERNATİF
ALTERNATIVE

25A Detay / Detail

A3 90° Klasik Sürme
90°Classical Slide

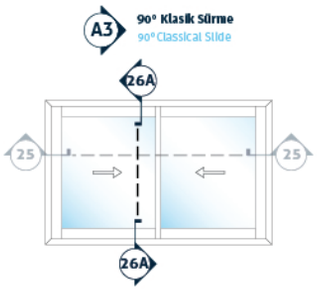


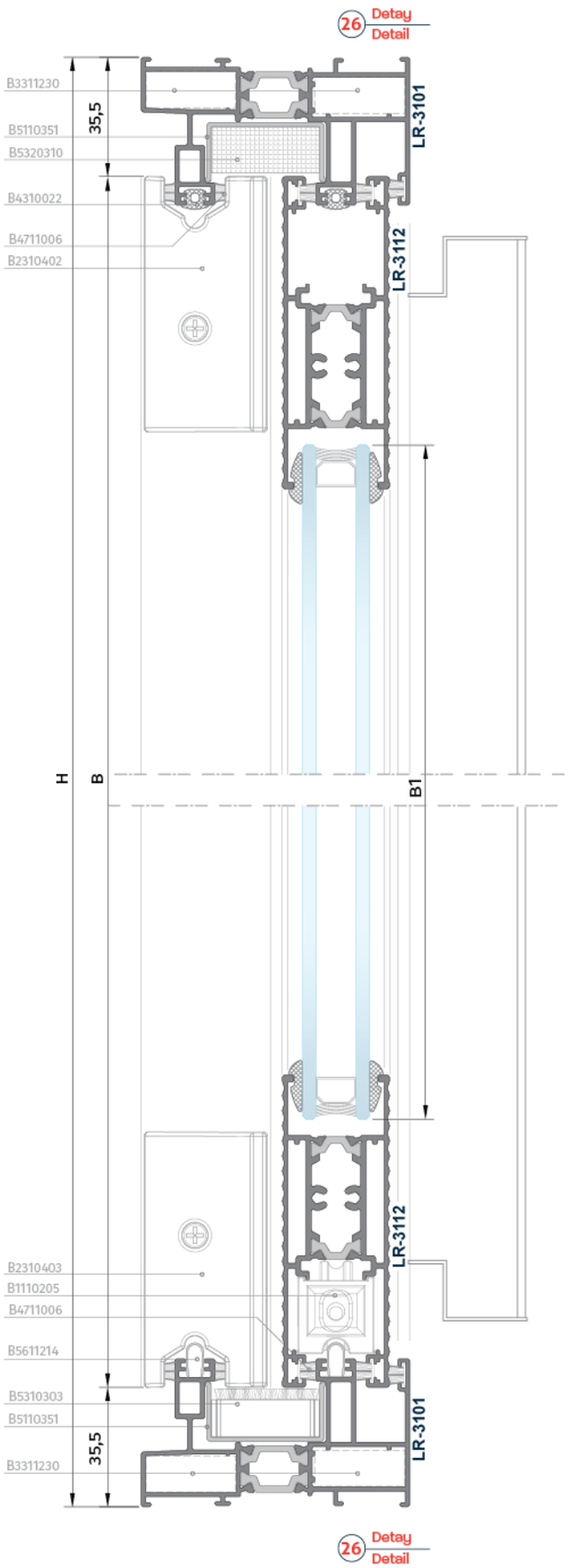


					mm.
Kasa Genişlik Frame Width	LR-3101			2 Ad. 2 Pcs.	L
Kasa Yükseklik Frame Height	LR-3101			2 Ad. 2 Pcs.	H
Kanat Yükseklik Sash Height	LR-3111			2 Ad. 2 Pcs.	B=H-77
Kanat Genişlik Sash Width	LR-3112			4 Ad. 4 Pcs.	A=L-267 ÷ 2
Kenetli Kanat Yükseklik Sash Height	LR-3115			1 Ad. 1 Pcs.	H-77
Kenetli Kanat Yükseklik Sash Height	LR-3116			1 Ad. 1 Pcs.	H-77
Kanat Cam Genişlik Sash Glazing Width				2 Ad. 2 Pcs.	A1=L-203÷ 2
Kanat Cam Yükseklik Sash Glazing Height				2 Ad. 2 Pcs.	B1=H-231

	B3311230 Vidalı Köşe Bağ. Takozu Screwed Corner Cleat	8 Ad. 8 Pcs.		B1110205 Ayarlı Kanat Rulman Sliding And Ad. Carriage	4 Ad. 4 Pcs.
	B2610420 90° Geniş Köşe Bağlantı 90° W. Corner Wide Joints	4 Ad. 4 Pcs.		B4711006 Fırça Fitil TRI-FIN Sealing Brush TRI-FIN	10A+12B
	B2610421 90° Dar Köşe Bağlantı 90° W. Cor. Narrow Joints	4 Ad. 4 Pcs.		B4310022 Ray Kapama Contası Gasket For Frame Rails	2L+4H
	B5310303 Kasa Alt Tozluk Central Bottom Sealing	1 Ad. 1 Pcs.		Cam Kama Contası Wedge Gasket (Cam Tercihine Göre) (According To The Preferred Glass)	A-150 mm. 8 Ad. / Pcs. B-150 mm. 8 Ad. / Pcs.
	B5320310 Kasa Üst Tozluk Central Top Sealing	1 Ad. 1 Pcs.		B5110351 Kanal "U" Plastiği Plastic Cover For Frame	L-39 mm. 2 Ad. / Pcs H-39 mm. 2 Ad. / Pcs
	B2310423 İnce Kenetli Adap. Kap. Alt End Cap Bottom	2 Ad. 2 Pcs.		B5210362 Kanat Kenetleme Plastiği Locking Adapter Plastic	B=2 Ad. B=2 Pcs.
	B2310422 İnce Kenetli Adap. Kap. Üst End Cap Top	2 Ad. 2 Pcs.		B5611214 Paslanmaz Çelik Ray Stainless Stell Driver	L-90 mm. 2 Ad./Pcs.
	B2210425 Kanat Stoplama Adaptörü Sash Stoper Adapter	4 Ad. 4 Pcs.		B3613131 Dekoratif Kulp Çıtası Decorative Trim (Ral 3020)	H-92 mm. 1 Ad./Pcs.
	B2210426 Lastik Kanat Stoperi Rubber Stop For Sash	4 Ad. 4 Pcs.			

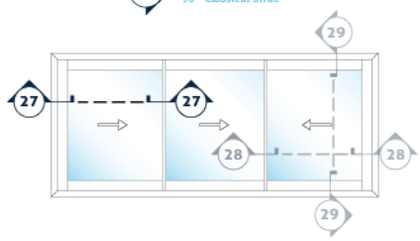
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SCALE: 1:2





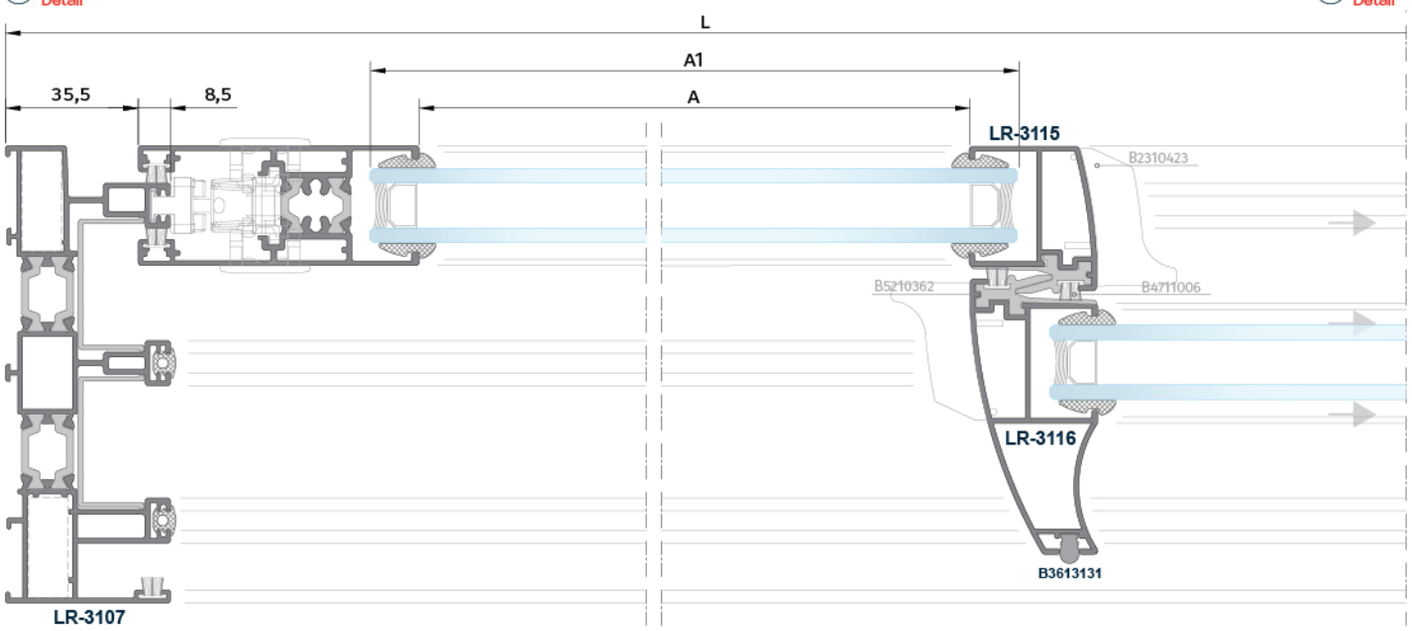
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SCALE: 1:2

E3 90° Klasik Sürme
90° Classical Slide



27 Detay
Detail

27 Detay
Detail

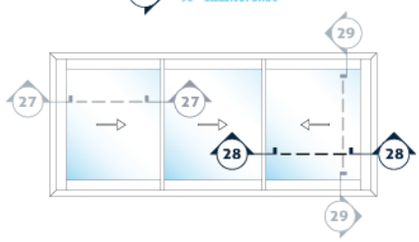


					mm.
Kasa Genişlik Frame Width	LR-3107			2 Ad. 2 Pcs.	L
Kasa Yükseklik Frame Height	LR-3107			2 Ad. 2 Pcs.	H
Kanat Yükseklik Sash Height	LR-3111			2 Ad. 2 Pcs.	B=H-77
Kanat Genişlik Sash Width	LR-3112			6 Ad. 6 Pcs.	A=L-307 ÷ 3
Kenetli Kanat Yükseklik Sash Height	LR-3115			2 Ad. 2 Pcs.	H-77
Kenetli Kanat Yükseklik Sash Height	LR-3116			2 Ad. 2 Pcs.	H-77
Kanat Cam Genişlik Sash Glazing Width				3 Ad. 3 Pcs.	A1=L-211 ÷ 3
Kanat Cam Yükseklik Sash Glazing Height				3 Ad. 3 Pcs.	B1=H-231

	B3311230 Vidalı Köşe Bağ. Takozu Screwed Corner Cleat	8 Ad. 8 Pcs.		B1110205 Ayarlı Kanat Rulman Sliding And Ad. Carriage	6 Ad. 6 Pcs.
	B2610420 90° Geniş Köşe Bağlantı 90° W. Corner Wide Joints	4 Ad. 4 Pcs.		B4711006 Fırça Fitil TRI-FIN Sealing Brush TRI-FIN	10A+12B
	B2610421 90° Dar Köşe Bağlantı 90° W. Cor. Narrow Joints	8 Ad. 8 Pcs.		B4310022 Ray Kapama Contası Gasket For Frame Rails	2L+4H
	B5310303 Kasa Alt Tozluk Central Bottom Sealing	2 Ad. 2 Pcs.		Cam Kama Contası Wedge Gasket (Cam Torchina Göre) (According To The Preferred Glass)	A-150 mm. 8 Ad. / Pcs. B-150 mm. 8 Ad. / Pcs.
	B5320310 Kasa Üst Tozluk Central Top Sealing	2 Ad. 2 Pcs.		B5110351 Kanat "U" Plastiği Plastic Cover For Frame	L-39 mm. 4 Ad. / Pcs H-39 mm. 4 Ad. / Pcs
	B2310423 İnce Kenetli Adap. Kap. Alt End Cap Bottom	4 Ad. 4 Pcs.		B5210362 Kanat Kenetleme Plastiği Locking Adapter Plastic	B=4 Ad. B=4 Pcs.
	B2310422 İnce Kenetli Adap. Kap. Üst End Cap Top	4 Ad. 4 Pcs.		B5611214 Paslanmaz Çelik Ray Stainless Steli Driver	L-90 mm. 3 Ad./Pcs.
	B2210425 Kanat Stoplama Adaptörü Sash Stoper Adapter	4 Ad. 4 Pcs.		B3613131 Dekoratif Kulp Çıtası Decorative Trim (Ral 3020)	H-92 mm. 2 Ad./Pcs.
	B2210426 Lastik Kanat Stoperi Rubber Stop For Sash	4 Ad. 4 Pcs.			

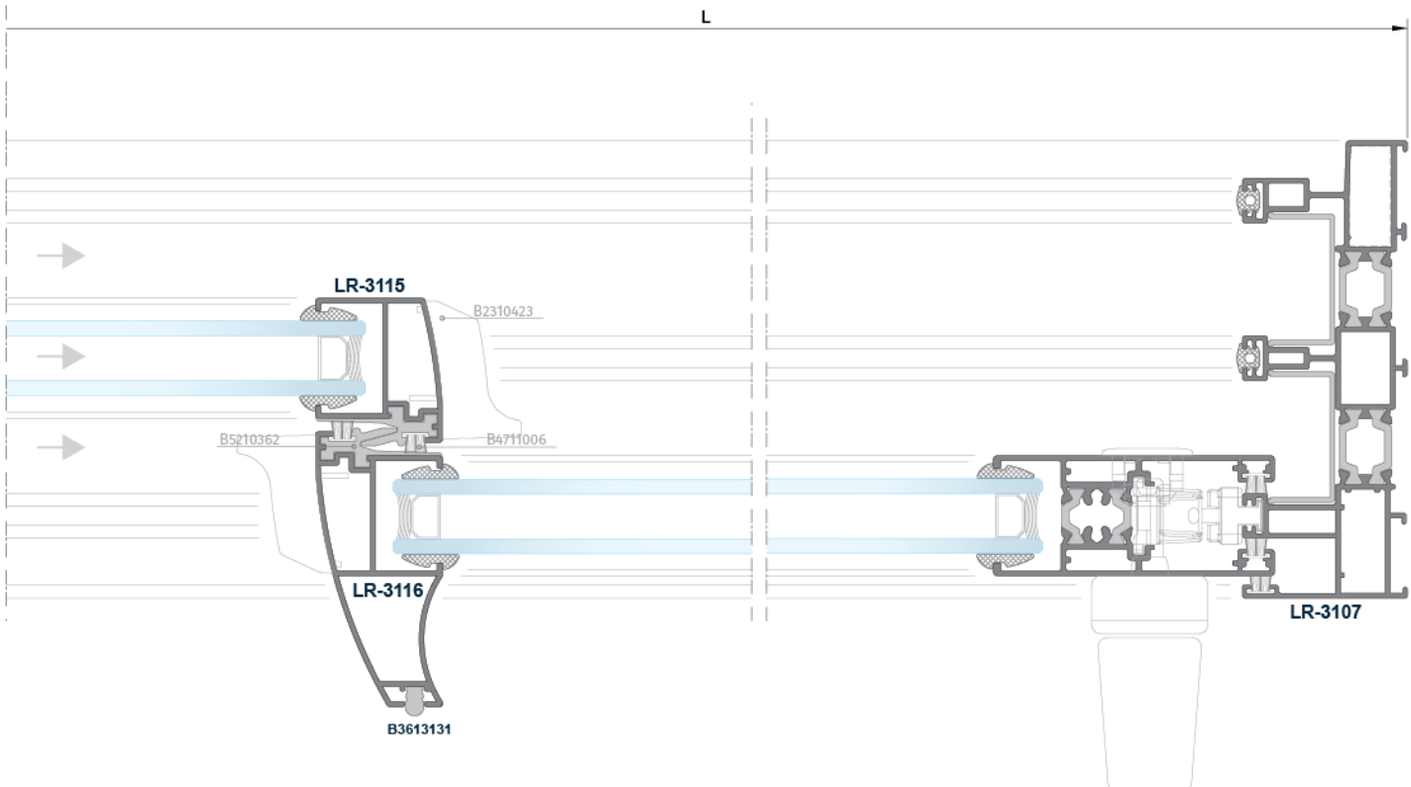
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SCALE: 1:2

E3 90° Klasik Sürme
90° Classical Slide



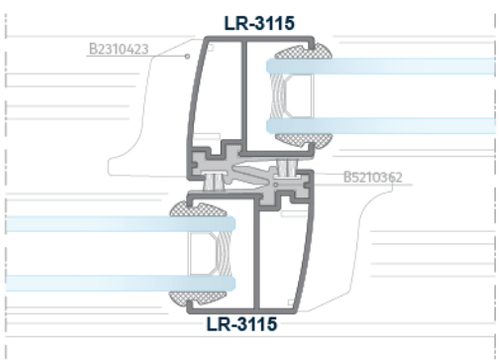
28 Detay / Detail

28 Detay / Detail

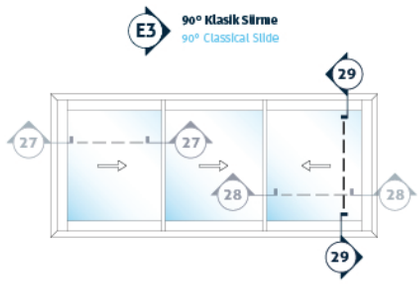


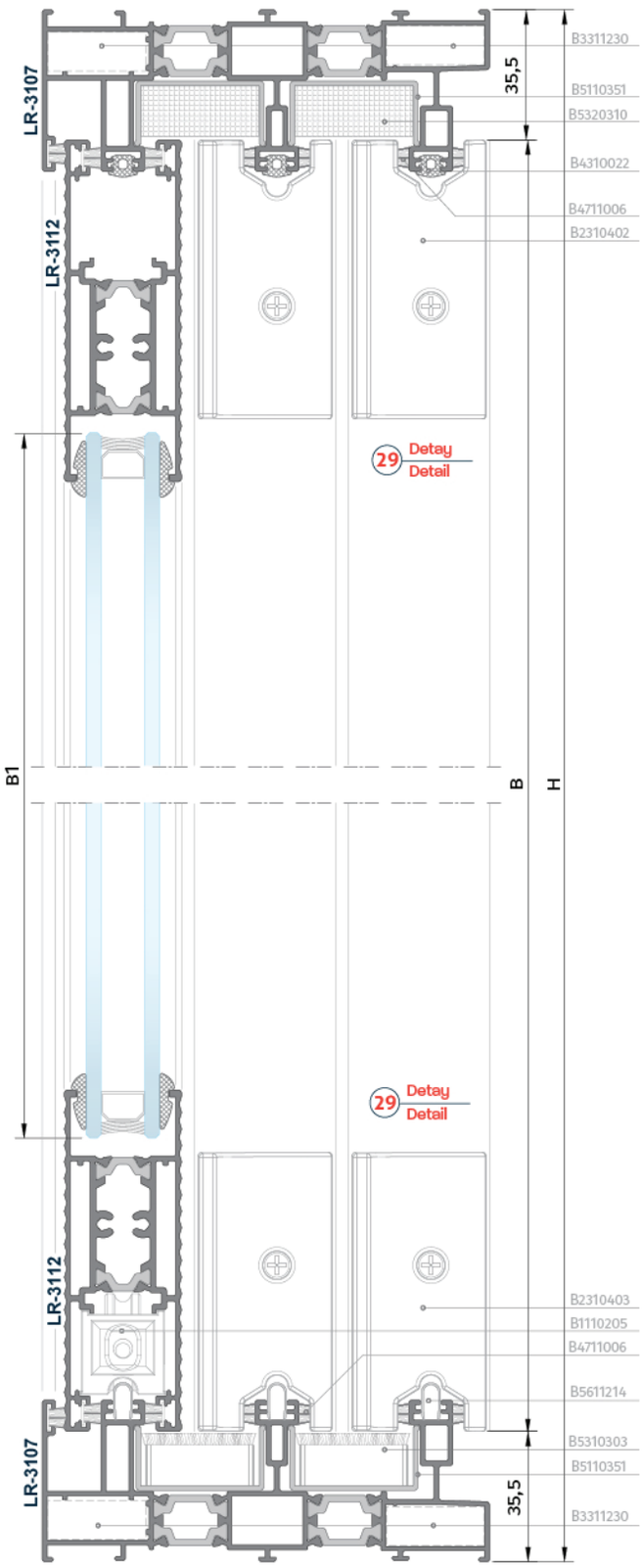
ALTERNATİF
ALTERNATIVE

28A Detay / Detail

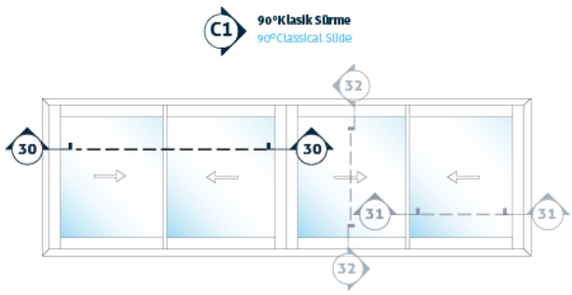


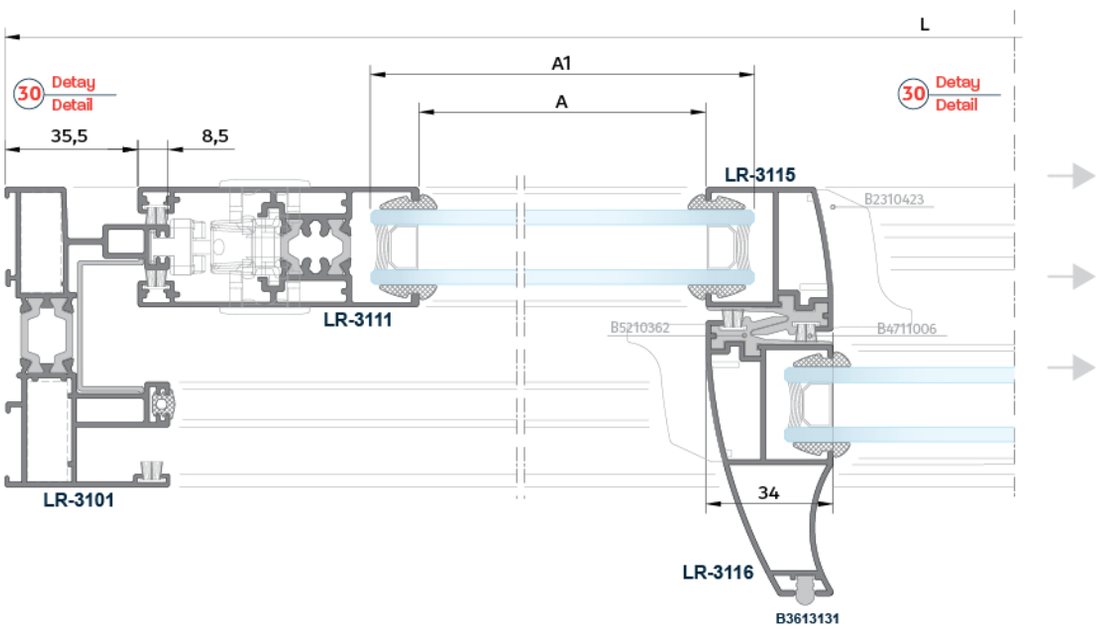
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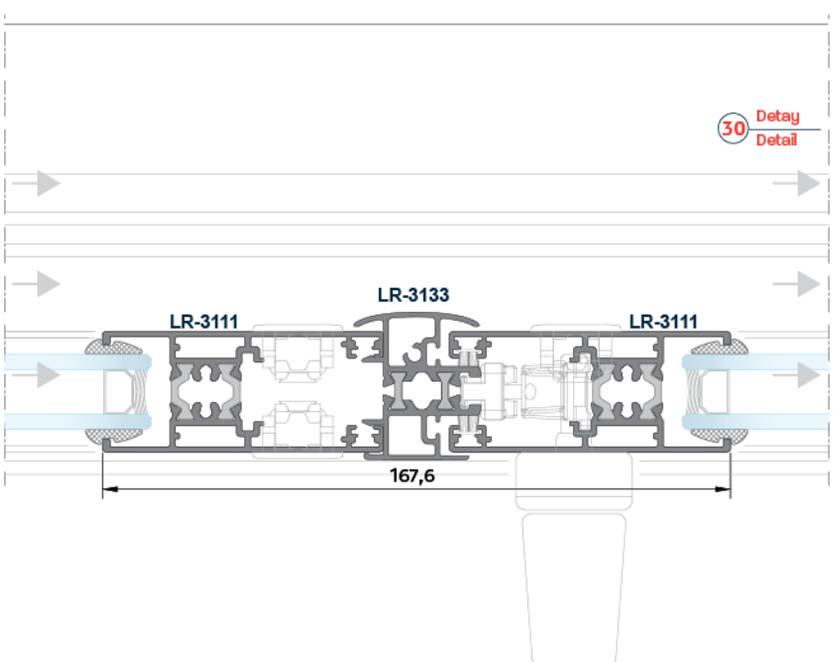




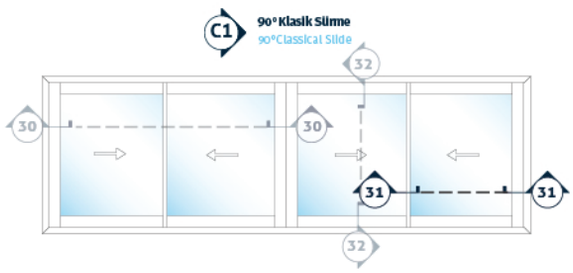
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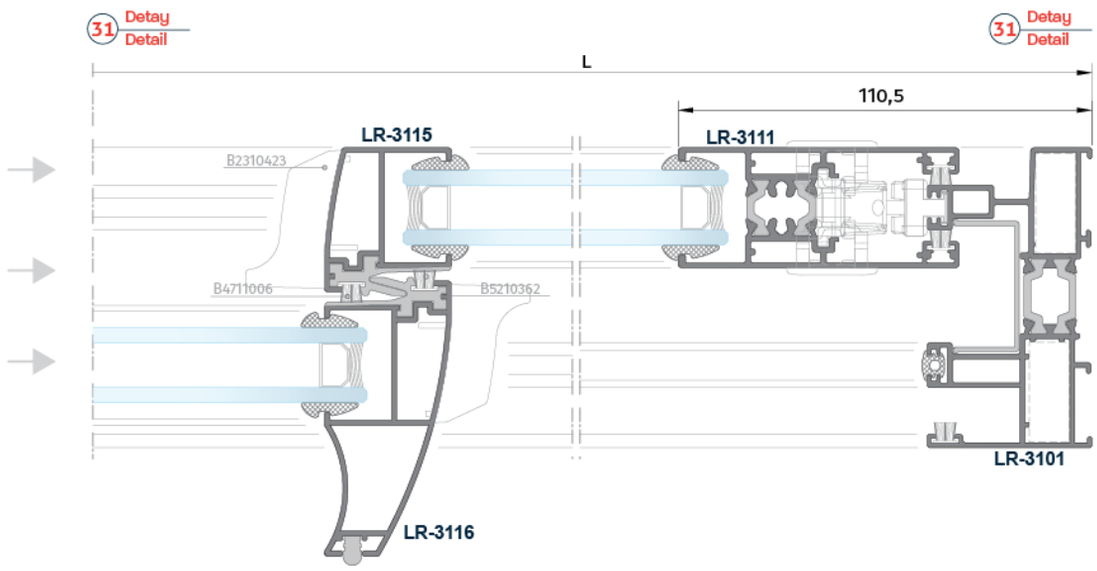






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SCALE: 1:2

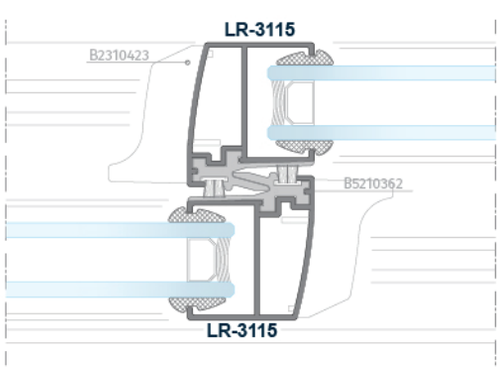




ALTERNATİF
ALTERNATIVE

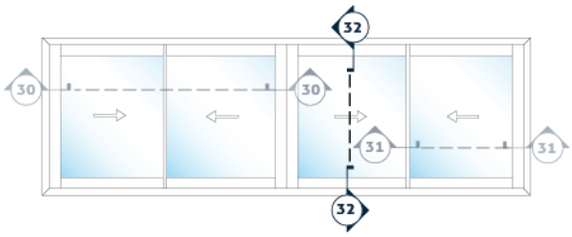
31 Detay Detail

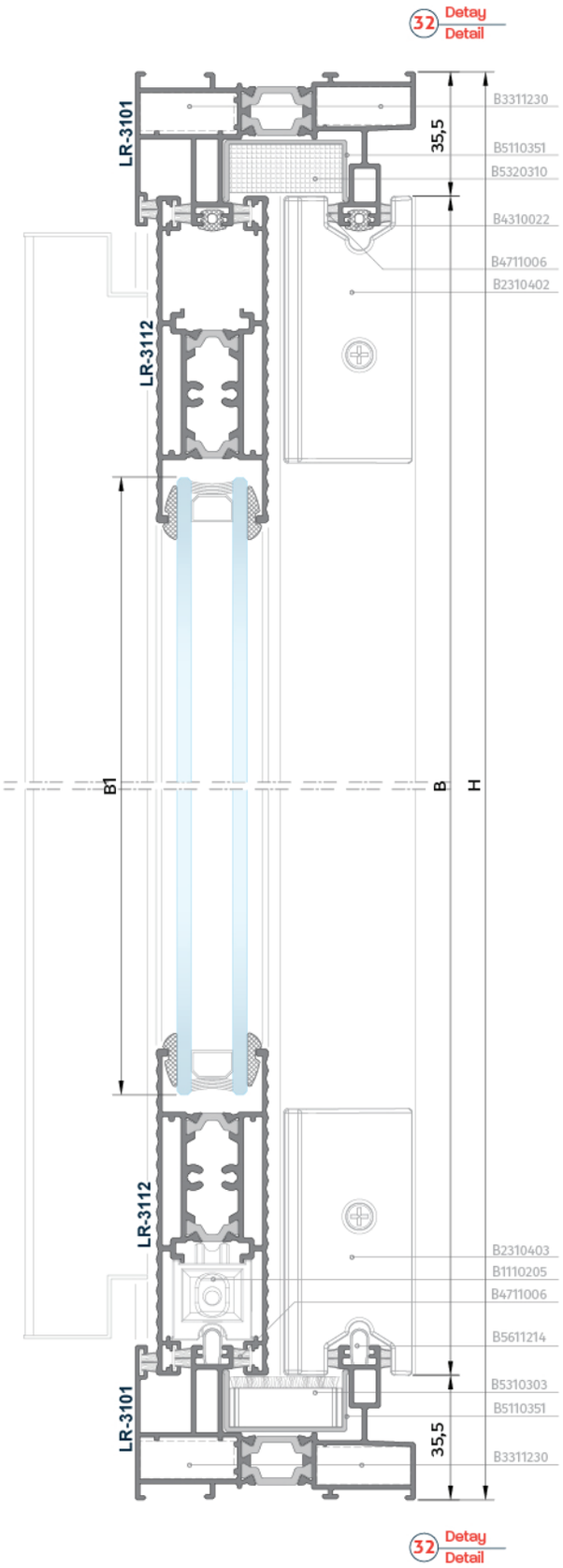
31A Detay Detail



ÖLÇEK: 1:2
SCALE: 1:2

C1 90°Klasik Sürme
90°Classical Slide

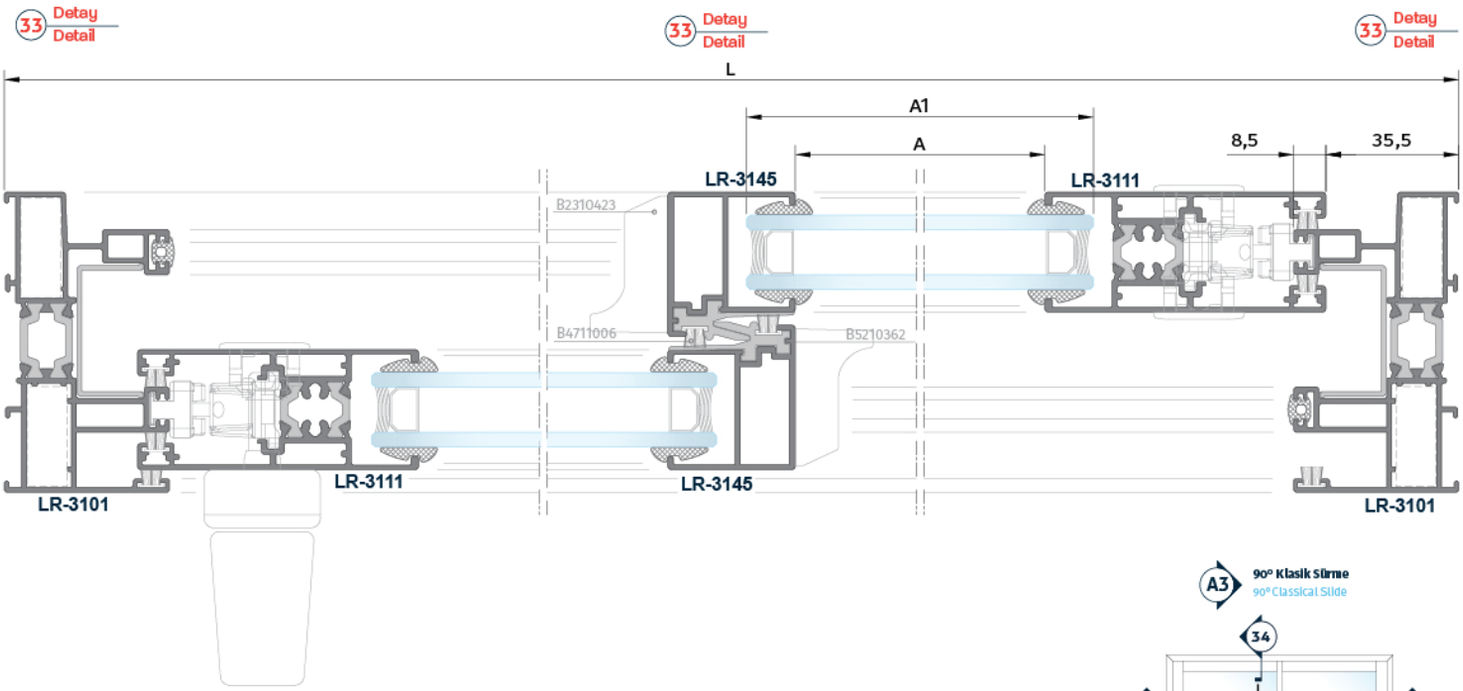


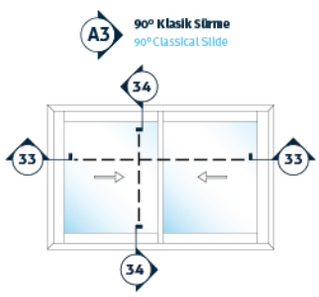


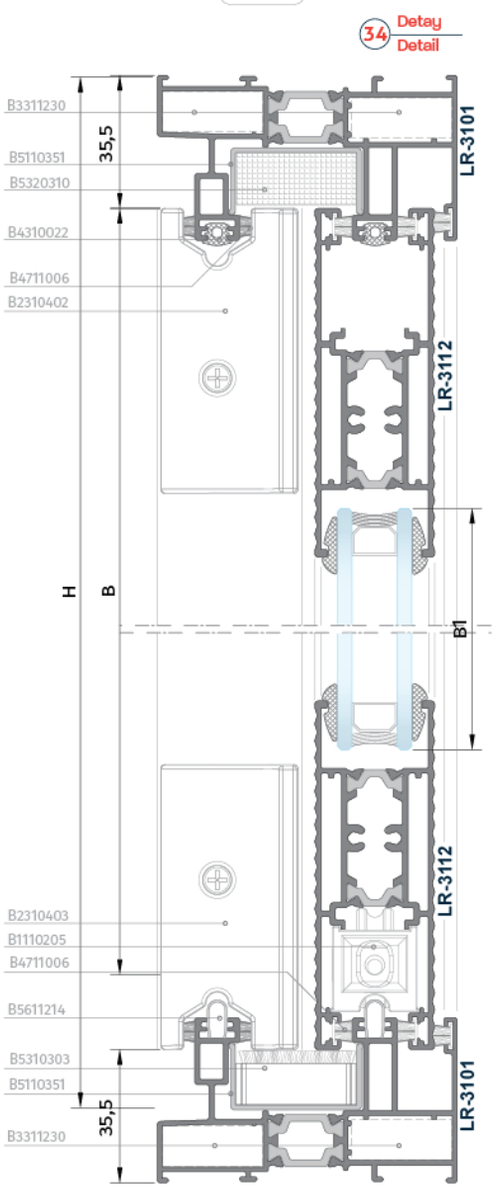
					mm.
Kasa Genişlik Frame Width	LR-3101			2 Ad. 2 Pcs.	L
Kasa Yüksekliik Frame Height	LR-3101			2 Ad. 2 Pcs.	H
Kanat Yüksekliik Sash Height	LR-3111			2 Ad. 2 Pcs.	B=H-77
Kanat Genişlik Sash Width	LR-3112			8 Ad. 8 Pcs.	A=L-480÷4
Kenetli Kanat Yüksekliik Sash Height	LR-3115			2 Ad. 2 Pcs.	H-77
Kenetli Kanat Yüksekliik Sash Height	LR-3116			2 Ad. 2 Pcs.	H-77
Kanat Cam Genişlik Sash Glazing Width				4 Ad. 4 Pcs.	A1=L-353÷4
Kanat Cam Yüksekliik Sash Glazing Height				4 Ad. 4 Pcs.	B1=H-231

	B3311230 **Vidalı Köşe Bağ. Takozu** Screwed Corner Cleat	8 Ad. 8 Pcs.		B2313133 **Orta Adaptör Kapağı** Central End Cap For Sashes	1 Tk. 1 Set.
	B2610420 **90° Geniş Köşe Bağlantı** 90° W. Corner Wide Joints	8 Ad. 8 Pcs.		B1110205 **Ayarlı Kanat Rulman** Sliding And Ad. Carriage	8 Ad. 8 Pcs.
	B2610421 **90° Dar Köşe Bağlantı** 90° W. Cor. Narrow Joints	8 Ad. 8 Pcs.		B4711006 **Fırça Fitil TRI-FIN** Sealing Brush TRI-FIN	10A+12B
	B5310303 **Kasa Alt Tozluk** Central Bottom Sealing	3 Ad. 3 Pcs.		B4310022 **Ray Kapama Contası** Gasket For Frame Rails	2L+4H
	B5320310 **Kasa Üst Tozluk** Central Top Sealing	3 Ad. 3 Pcs.		**Cam Kama Contası** Wedge Gasket (Cam Tercihine Göre) **(According To The Preferred Glass)**	**A-150 mm.** 8 Ad. / Pcs. **B-150 mm.** 8 Ad. / Pcs.
	B2310423 **İnce Kenetli Adap. Kap. Alt** End Cap Bottom	4 Ad. 4 Pcs.		B5110351 **Kanat "U" Plastiği** Plastic Cover For Frame	**L-39 mm.** 2 Ad. / Pcs **H-39 mm.** 2 Ad. / Pcs
	B2310422 **İnce Kenetli Adap. Kap. Üst** End Cap Top	4 Ad. 4 Pcs.		B5210362 **Kanat Kenetleme Plastiği** Locking Adapter Plastic	**B=4 Ad.** B=4 Pcs.
	B2210425 **Kanat Stoplama Adaptörü** Sash Stoper Adapter	6 Ad. 6 Pcs.		B5611214 **Paslanmaz Çelik Ray** Stainless Steel Driver	**L-90 mm.** 2 Ad./Pcs.
	B2210426 **Lastik Kanat Stoperi** Rubber Stop For Sash	6 Ad. 6 Pcs.		B3613131 **Dekoratif Kulp Çıtası** Decorative Trim **(Ral 3020)**	**H-92 mm.** 2 Ad./Pcs.

ÖLÇEK: 1:2
SCALE: 1:2





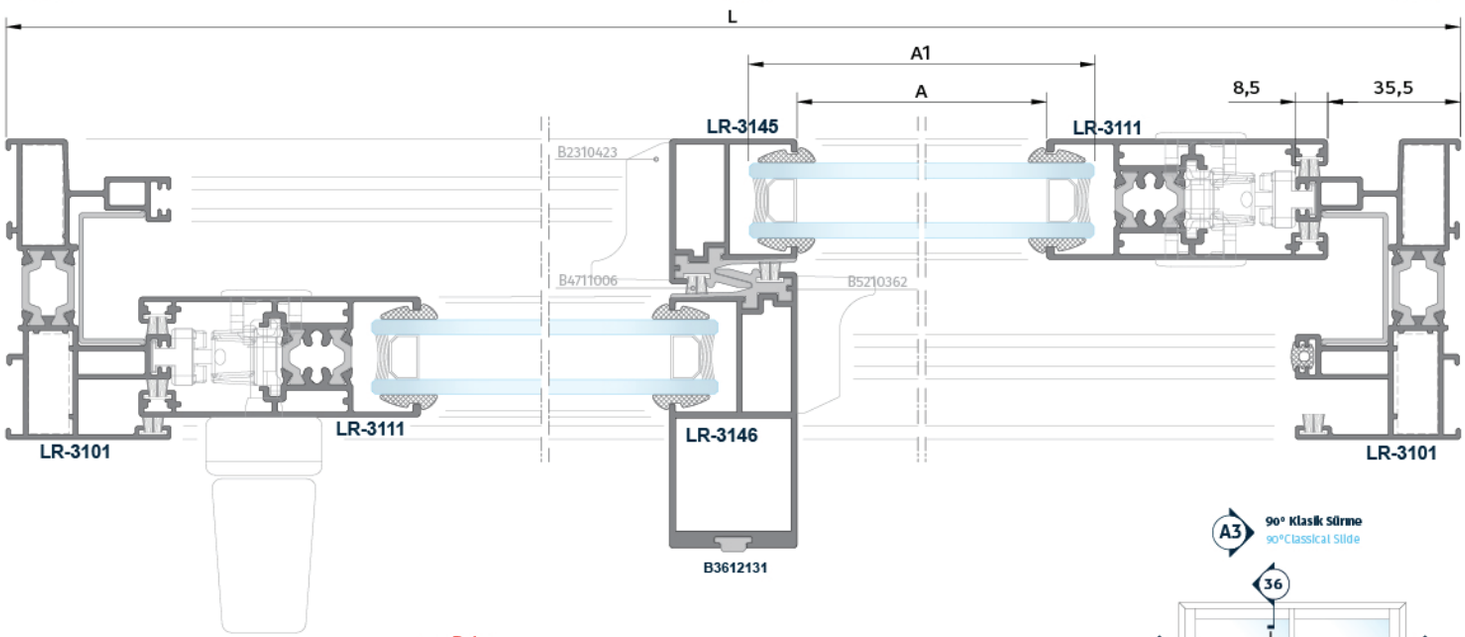


					mm.
Kasa Genişlik Frame Width	LR-3101			2 Ad. 2 Pcs.	L
Kasa Yükseklik Frame Height	LR-3101			2 Ad. 2 Pcs.	H
Kanat Yükseklik Sash Height	LR-3111			2 Ad. 2 Pcs.	B=H-77
Kanat Genişlik Sash Width	LR-3112			4 Ad. 4 Pcs.	A=L-267 ÷ 2
Kenetli Kanat Yükseklik Sash Height	LR-3145			2 Ad. 2 Pcs.	H-77
Kanat Cam Genişlik Sash Glazing Width				2 Ad. 2 Pcs.	A1=L-203 ÷ 2
Kanat Cam Yükseklik Sash Glazing Height				2 Ad. 2 Pcs.	B1=H-231

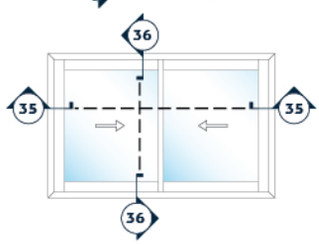
	B3311230 **Vidalı Köşe Bağ. Takozu** Screwed Corner Cleat	8 Ad. 8 Pcs.		B2210426 **Lastik Kanat Stoperi** Rubber Stop For Sash	4 Ad. 4 Pcs.
	B2610420 **90° Geniş Köşe Bağlantı** 90° W. Corner Wide Joints	4 Ad. 4 Pcs.		B1110205 **Ayarlı Kanat Rulman** Sliding And Ad. Carriage	4 Ad. 4 Pcs.
	B2610422 **90° Dar Köşe Bağlantı** 90° W. Cor. Narrow Joints	4 Ad. 4 Pcs.		B4711006 **Fırça Fitil TRI-FIN** Sealing Brush TRI-FIN	10A+12B
	B5310303 **Kasa Alt Tozluk** Central Bottom Sealing	1 Ad. 1 Pcs.		B4310022 **Ray Kapama Contası** Gasket For Frame Rails	2L+4H
	B5320310 **Kasa Üst Tozluk** Central Top Sealing	1 Ad. 1 Pcs.		**Cam Kama Contası** Wedge Gasket (Cam Tercihine Göre) (According To The Preferred Glass)	A-150 mm. 8 Ad. / Pcs. B-150 mm. 8 Ad. / Pcs.
	B2310403 **Kenetli Adap. Kap. Alt** End Cap Bottom	2 Ad. 2 Pcs.		B5110351 **Kanat "U" Plastiği** Plastic Cover For Frame	L-39 mm. 2 Ad. / Pcs H-39 mm. 2 Ad. / Pcs
	B2310402 **Kenetli Adap. Kap. Üst** End Cap Top	2 Ad. 2 Pcs.		B5210362 **Kanat Kenetleme Plastiği** Locking Adapter Plastic	B=2 Ad. B=2 Pcs.
	B2210425 **Kanat Stoplama Adaptörü** Sash Stoper Adapter	4 Ad. 4 Pcs.		B5611214 **Paslanmaz Çelik Ray** Stainless Steel Driver	L-90 mm. 2 Ad./ Pcs.

ÖLÇEK: 1:2
SCALE: 1:2

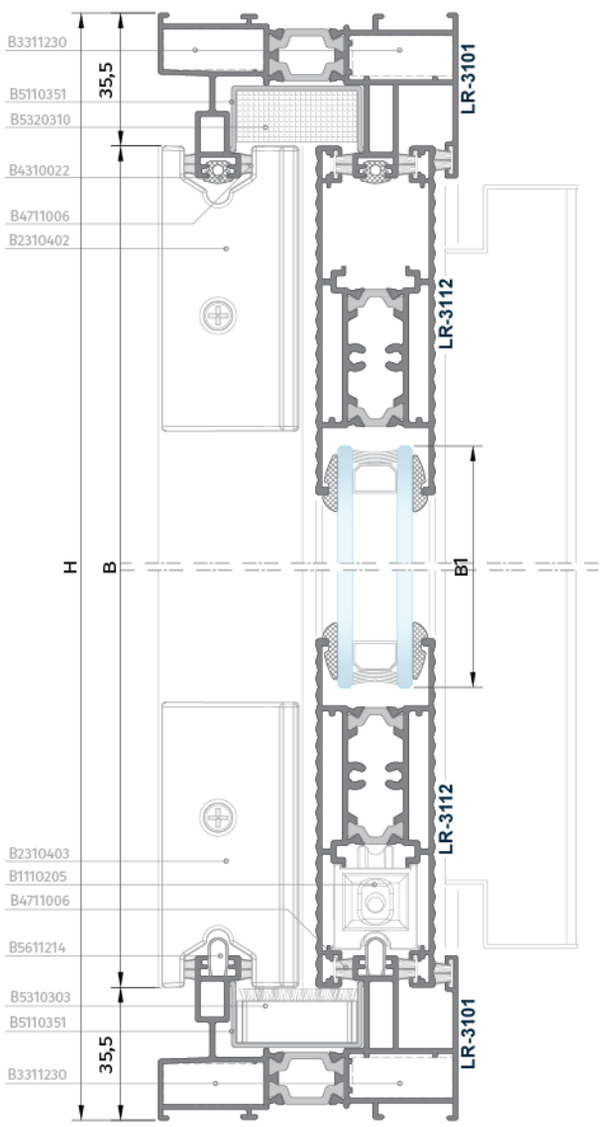
35 Detay / Detail
35 Detay / Detail
35 Detay / Detail



A3 90° Klasik Sürme
90°Classical Slide



36 Detay / Detail

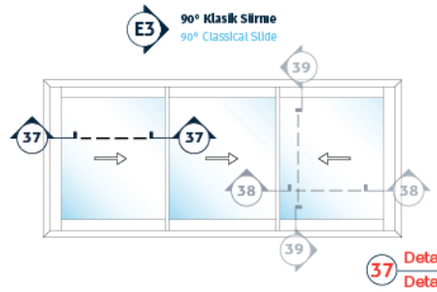


36 Detay / Detail

					mm.
Kasa Genişlik Frame Width	LR-3101			2 Ad. 2 Pcs.	L
Kasa Yüksekliik Frame Height	LR-3101			2 Ad. 2 Pcs.	H
Kanat Yüksekliik Sash Height	LR-3111			2 Ad. 2 Pcs.	B=H-77
Kanat Genişlik Sash Width	LR-3112			4 Ad. 4 Pcs.	A=L-267 ÷ 2
Kenetli Kanat Yüksekliik Sash Height	LR-3145			1 Ad. 1 Pcs.	H-77
Kenetli Kanat Yüksekliik Sash Height	LR-3146			1 Ad. 1 Pcs.	H-77
Kanat Cam Genişlik Sash Glazing Width				2 Ad. 2 Pcs.	A1=L-203 ÷ 2
Kanat Cam Yüksekliik Sash Glazing Height				2 Ad. 2 Pcs.	B1=H-231

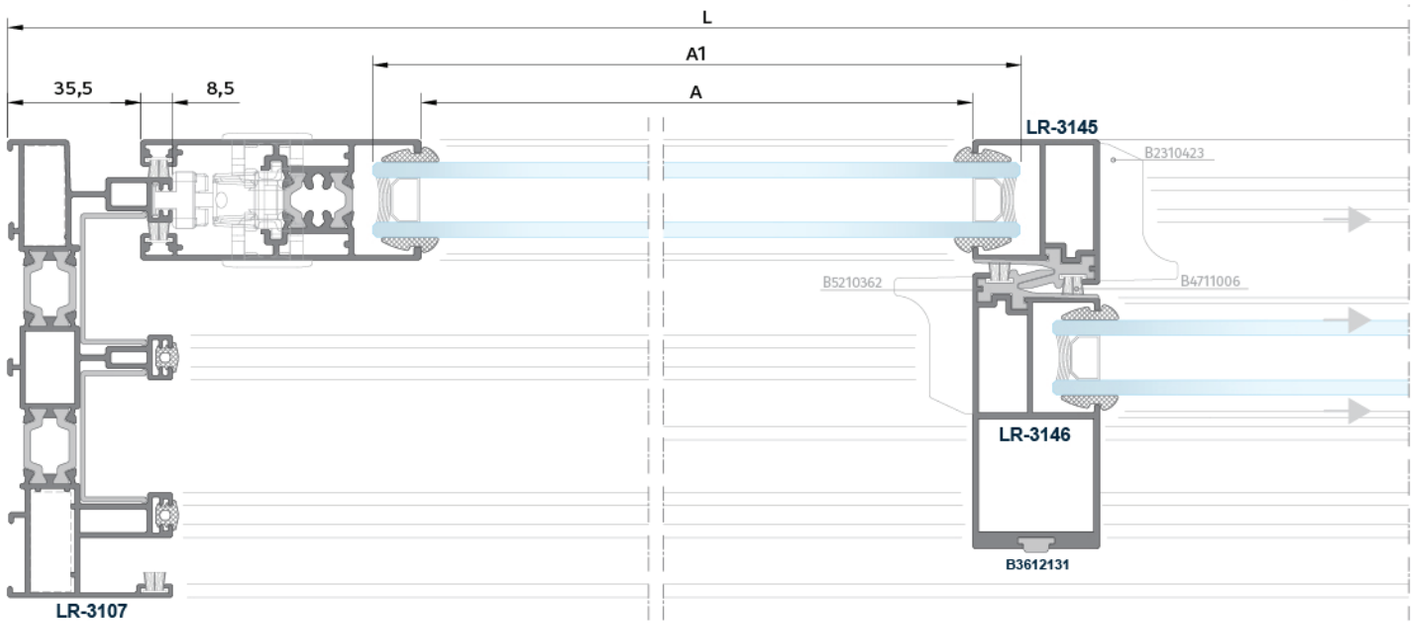
	B3311230 **Vidalı Köşe Bağ. Takozu** Screwed Corner Cleat	8 Ad. 8 Pcs.		B1110205 **Ayarlı Kanat Ruliman** Sliding And Ad. Carriage	4 Ad. 4 Pcs.
	B2610420 **90° Geniş Köşe Bağlantı** 90° W. Corner Wide Joints	4 Ad. 4 Pcs.		B4711006 **Fırça Fitil TRI-FIN** Sealing Brush TRI-FIN	10A+12B
	B2610422 **90° Dar Köşe Bağlantı** 90° W. Cor. Narrow Joints	4 Ad. 4 Pcs.		B4310022 **Ray Kapama Contası** Gasket For Frame Rails	2L+4H
	B5310303 **Kasa Alt Tozluk** Central Bottom Sealing	1 Ad. 1 Pcs.		**Cam Kama Contası** Wedge Gasket (Cam Tarchino Göre) (According To The Proforrod Glass)	**A-150 mm.** 8 Ad. / Pcs. **B-150 mm.** 8 Ad. / Pcs.
	B5320310 **Kasa Üst Tozluk** Central Top Sealing	1 Ad. 1 Pcs.		B5110351 **Kanal "U" Plastiği** Plastic Cover For Frame	**L-39 mm.** 2 Ad. / Pcs **H-39 mm.** 2 Ad. / Pcs
	B2310403 **Kenetli Adap. Kap. Alt** End Cap Bottom	2 Ad. 2 Pcs.		B5210362 **Kanat Kenetleme Plastiği** Locking Adapter Plastic	B=2 Ad. B=2 Pcs.
	B2310402 **Kenetli Adap. Kap. Üst** End Cap Top	2 Ad. 2 Pcs.		B5611214 **Paslanmaz Çelik Ray** Stainless Steil Driver	L-90 mm. 2 Ad./ Pcs.
	B2210425 **Kanat Stoplama Adaptörü** Sash Stoper Adapter	4 Ad. 4 Pcs.		B3612131 **Dekoratif Kulp Çıtası** Decorative Trim (Ral 3020)	H-92 mm. 1 Ad./ Pcs.
	B2210426 **Lastik Kanat Stoperi** Rubber Stop For Sash	4 Ad. 4 Pcs.			

ÖLÇEK: 1:2
SCALE: 1:2



37 Detay
Detail

37 Detay
Detail

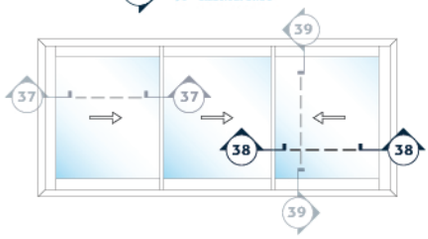


					mm.
Kasa Genişlik Frame Width	LR-3107			2 Ad. 2 Pcs.	L
Kasa Yüksekllik Frame Height	LR-3107			2 Ad. 2 Pcs.	H
Kanat Yüksekllik Sash Height	LR-3111			2 Ad. 2 Pcs.	B=H-77
Kanat Genişlik Sash Width	LR-3112			6 Ad. 6 Pcs.	A=L-307 ÷ 3
Kenetli Kanat Yüksekllik Sash Height	LR-3145			2 Ad. 2 Pcs.	H-77
Kenetli Kanat Yüksekllik Sash Height	LR-3146			2 Ad. 2 Pcs.	H-77
Kanat Cam Genişlik Sash Glazing Width				3 Ad. 3 Pcs.	A1=L-211 ÷ 3
Kanat Cam Yüksekllik Sash Glazing Height				3 Ad. 3 Pcs.	B1=H-231

	B3311230 **Vidalı Köşe Bağ. Takozu** Screwed Corner Cleat	8 Ad. 8 Pcs.		B1110205 **Ayarlı Kanat Rulman** Sliding And Ad. Carriage	6 Ad. 6 Pcs.
	B2610420 **90° Geniş Köşe Bağlantı** 90° W. Corner Wide Joints	4 Ad. 4 Pcs.		B4711006 **Fırça Fitil TRI-FIN** Sealing Brush TRI-FIN	10A+12B
	B2610422 **90° Dar Köşe Bağlantı** 90° W. Cor. Narrow Joints	8 Ad. 8 Pcs.		B4310022 **Ray Kapama Contası** Gasket For Frame Rails	2L+4H
	B5310303 **Kasa Alt Tozluk** Central Bottom Sealing	2 Ad. 2 Pcs.		**Cam Kama Contası** Wedge Gasket (Cam Tercihine Göre) (According To The Preferred Glass)	**A-150 mm.** 8 Ad. / Pcs. **B-150 mm.** 8 Ad. / Pcs.
	B5320310 **Kasa Üst Tozluk** Central Top Sealing	2 Ad. 2 Pcs.		B5110351 **Kanal "U" Plastiği** Plastic Cover For Frame	**L-39 mm.** 4 Ad. / Pcs **H-39 mm.** 4 Ad. / Pcs
	B2310403 **Kenetli Adap. Kap. Alt** End Cap Bottom	4 Ad. 4 Pcs.		B5210362 **Kanat Kenetleme Plastiği** Locking Adapter Plastic	B=4 Ad. B=4 Pcs.
	B2310402 **Kenetli Adap. Kap. Üst** End Cap Top	4 Ad. 4 Pcs.		B5611214 **Paslanmaz Çelik Ray** Stainless Steel Driver	L-90 mm. 3 Ad./Pcs.
	B2210425 **Kanat Stoplama Adaptörü** Sash Stoper Adapter	4 Ad. 4 Pcs.		B3612131 **Dekoratif Kulp Çıtası** Decorative Trim (Ral 3020)	H-92 mm. 2 Ad./Pcs.
	B2210426 **Lastik Kanat Stoperi** Rubber Stop For Sash	4 Ad. 4 Pcs.			

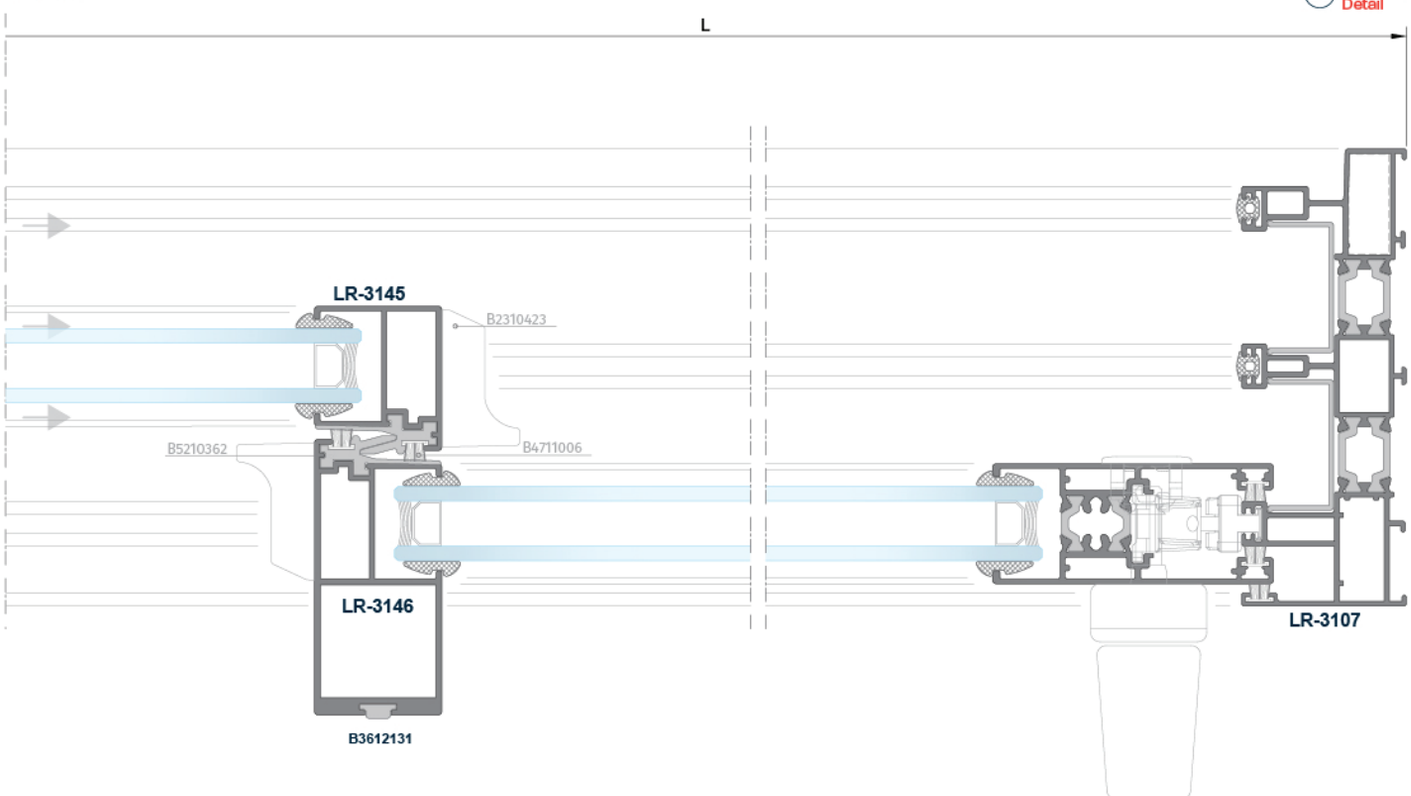
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SCALE: 1:2

E3 90° Klasik Sürme
90° Classical Slide



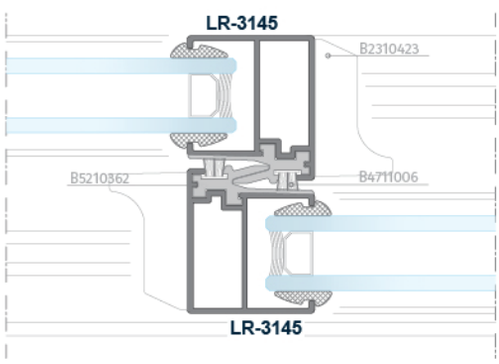
38 Detay
Detail

38 Detay
Detail

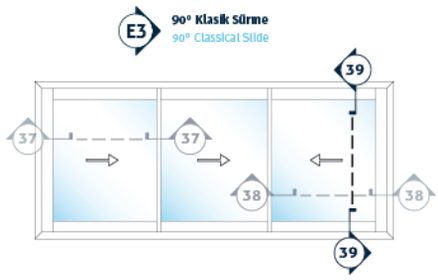


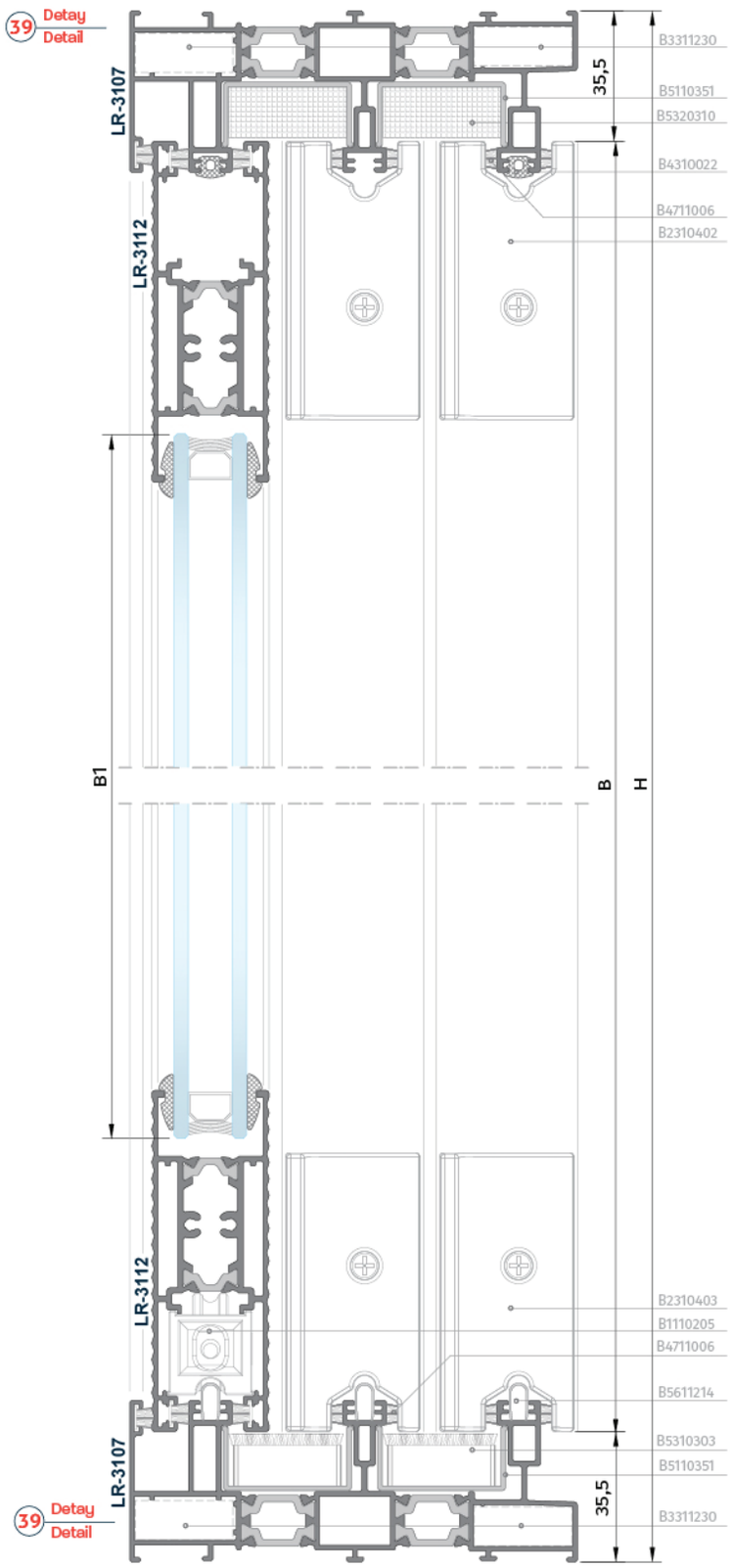
ALTERNATİF
ALTERNATIVE

38A Detay
Detail

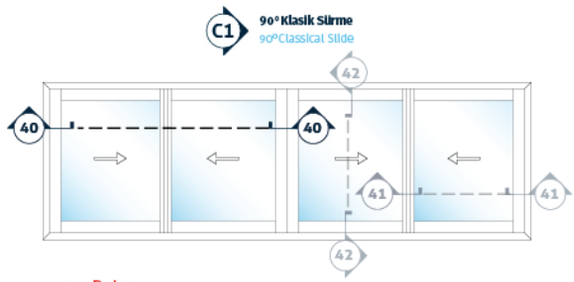


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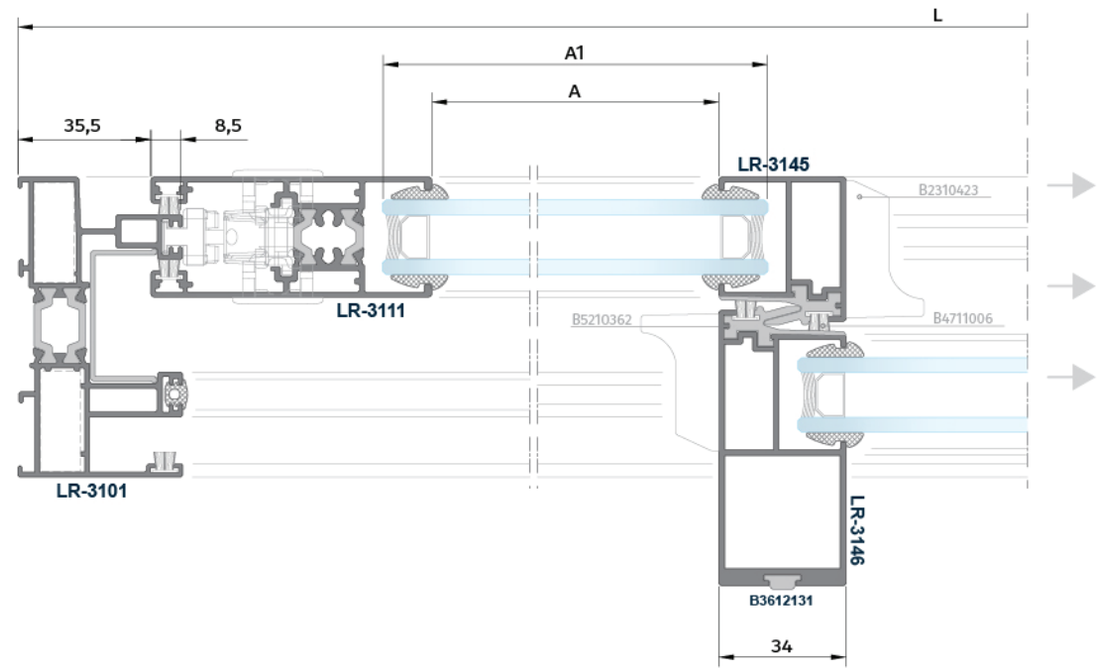




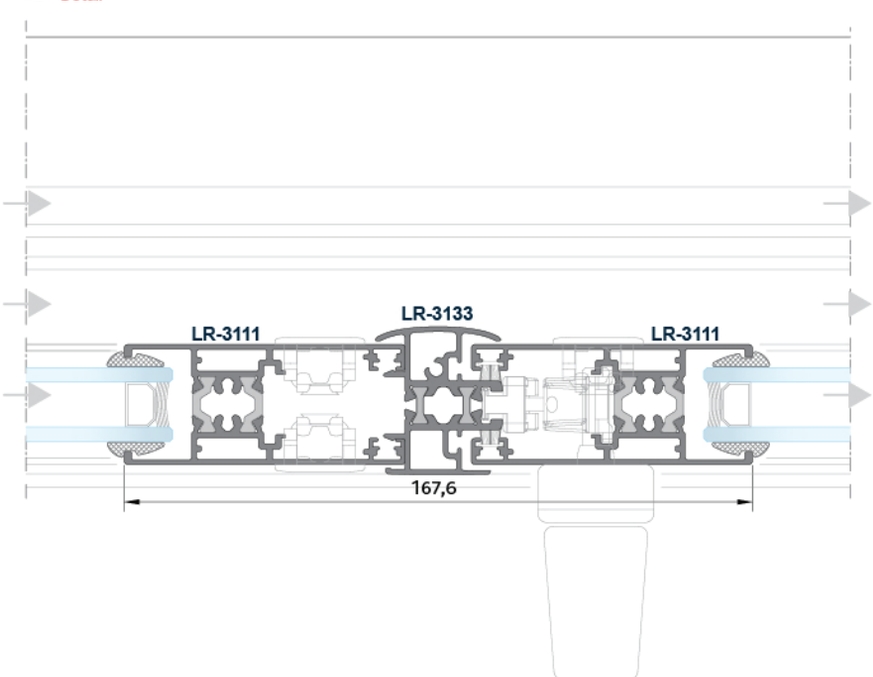
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40 Detay / Detail

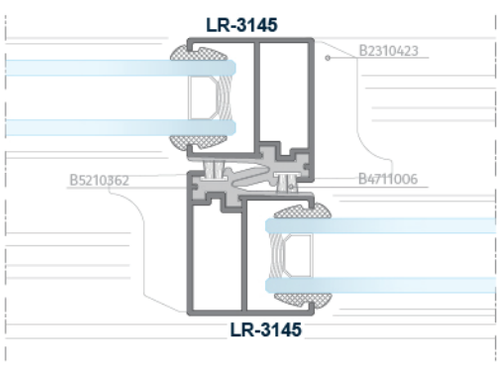


40 Detay / Detail

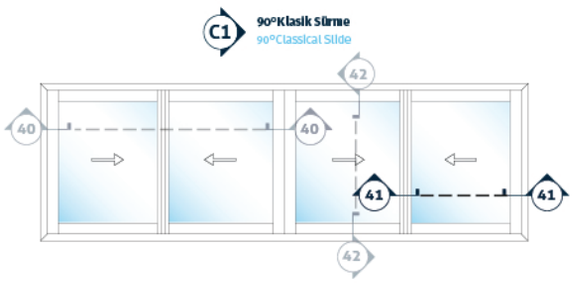


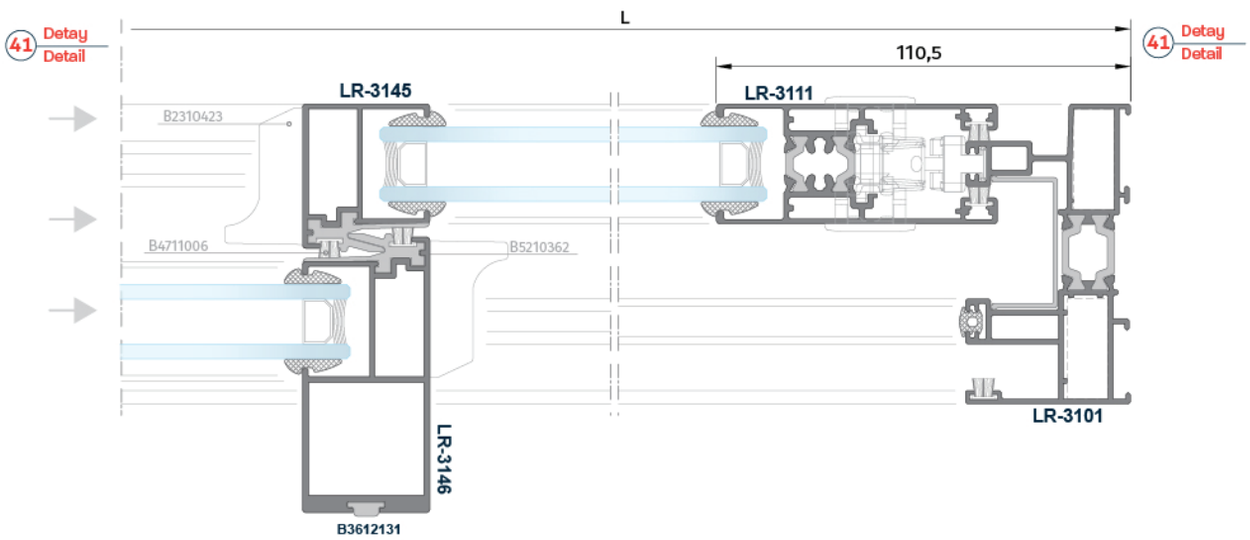
ALTERNATİF
ALTERNATIVE

40A Detay / Detail



ÖLÇEK: 1:2
SCALE: 1:2



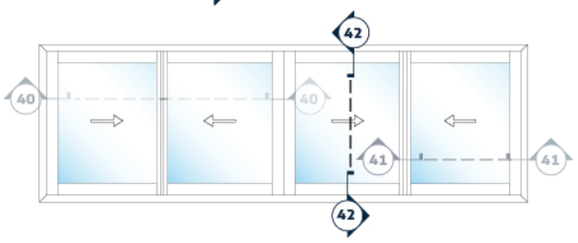


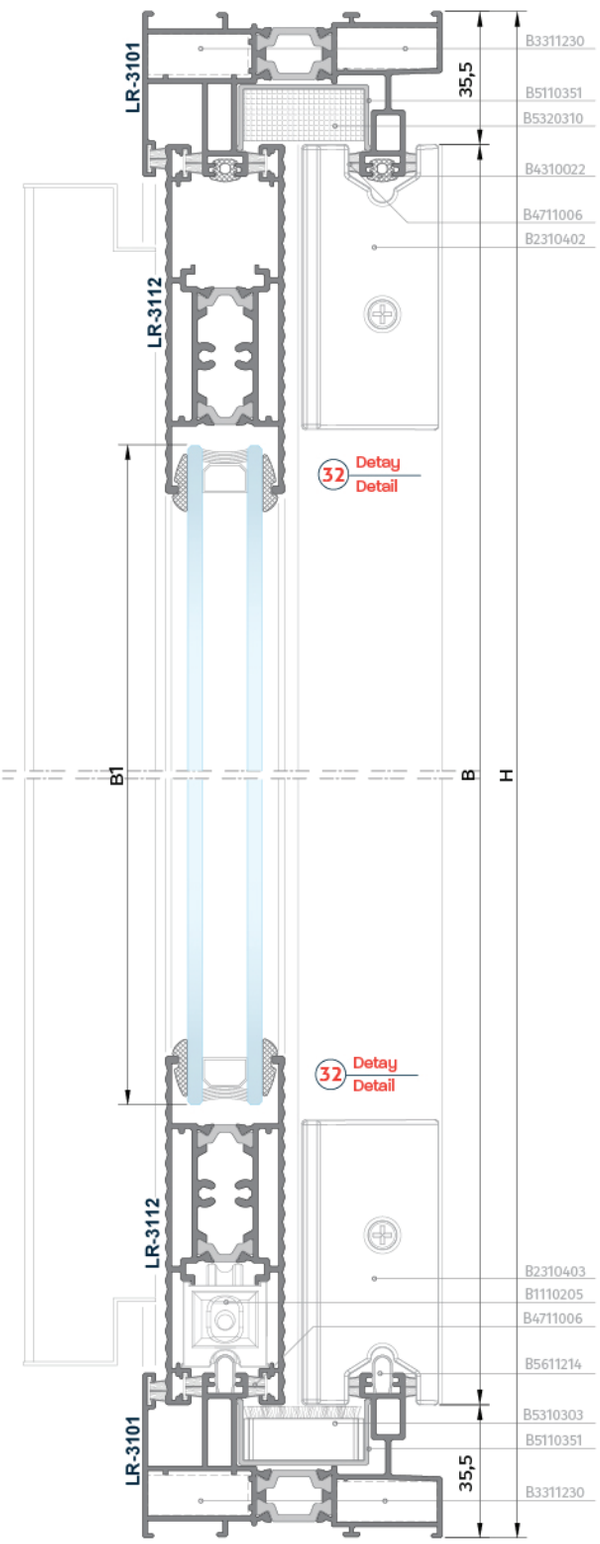
					mm.
Kasa Genişlik Frame Width	LR-3101			2 Ad. 2 Pcs.	L
Kasa Yükseklik Frame Height	LR-3101			2 Ad. 2 Pcs.	H
Kanat Yükseklik Sash Height	LR-3111			2 Ad. 2 Pcs.	B=H-77
Kanat Genişlik Sash Width	LR-3112			8 Ad. 8 Pcs.	A=L-480 ÷ 4
Kenetli Kanat Yükseklik Sash Height	LR-3115			2 Ad. 2 Pcs.	H-77
Kenetli Kanat Yükseklik Sash Height	LR-3116			2 Ad. 2 Pcs.	H-77
Kanat Cam Genişlik Sash Glazing Width				4 Ad. 4 Pcs.	A1=L-353 ÷4
Kanat Cam Yükseklik Sash Glazing Height				4 Ad. 4 Pcs.	B1=H-231

	B3311230 **Vidalı Köşe Bağ. Takozu** Screwed Corner Cleat	8 Ad. 8 Pcs.		B2313133 **Orta Adaptör Kapağı** Central End Cap For Sashes	1 Tk. 1 Set.
	B2610420 **90° Geniş Köşe Bağlantı** 90° W. Corner Wide Joints	8 Ad. 8 Pcs.		B1110205 **Ayarlı Kanat Rulman** Sliding And Ad. Carriage	8 Ad. 8 Pcs.
	B2610422 **90° Dar Köşe Bağlantı** 90° W. Cor. Narrow Joints	8 Ad. 8 Pcs.		B4711006 **Fırça Fitil TRI-FIN** Sealing Brush TRI-FIN	10A+12B
	B5310303 **Kasa Alt Tozluk** Central Bottom Sealing	3 Ad. 3 Pcs.		B4310022 **Ray Kapama Contası** Gasket For Frame Rails	2L+4H
	B5320310 **Kasa Üst Tozluk** Central Top Sealing	3 Ad. 3 Pcs.		**Cam Kama Contası** Wedge Gasket (Cam Torchina Göre) (According To The Preformed Glass)	A-150 mm. 8 Ad. / Pcs. B-150 mm. 8 Ad. / Pcs.
	B2310403 **Kenetli Adap. Kap. Alt** End Cap Bottom	4 Ad. 4 Pcs.		B5110351 **Kanat "U" Plastiği** Plastic Cover For Frame	L-39 mm. 2 Ad. / Pcs H-39 mm. 2 Ad. / Pcs
	B2310402 **Kenetli Adap. Kap. Üst** End Cap Top	4 Ad. 4 Pcs.		B5210362 **Kanat Kenetleme Plastiği** Locking Adapter Plastic	B=4 Ad. B=4 Pcs.
	B2210425 **Kanat Stoplama Adaptörü** Sash Stoper Adapter	6 Ad. 6 Pcs.		B5611214 **Paslanmaz Çelik Ray** Stainless Steil Driver	L-90 mm. 2 Ad./ Pcs.
	B2210426 **Lastik Kanat Stoperi** Rubber Stop For Sash	6 Ad. 6 Pcs.		B3612131 **Dekoratif Kulp Çıtası** Decorative Trim (Ral 3020)	H-92 mm. 2 Ad./ Pcs.

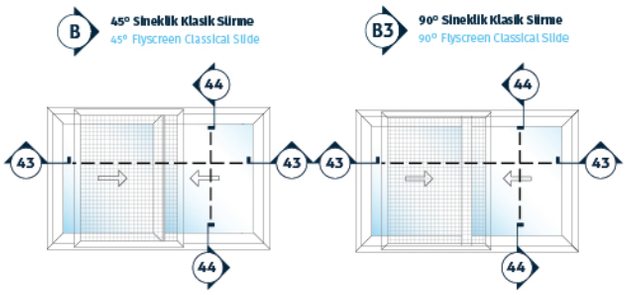
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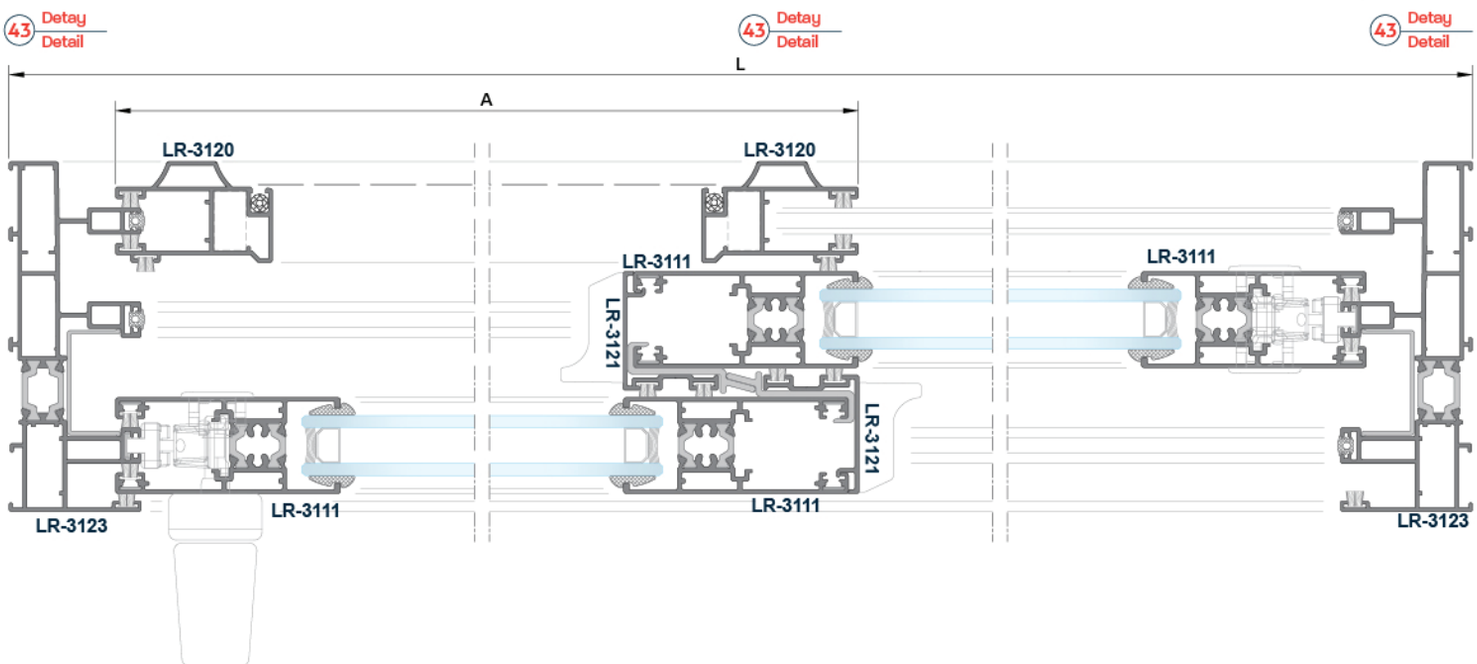
C1 90° Klasik Sürme
90° Classical Slide

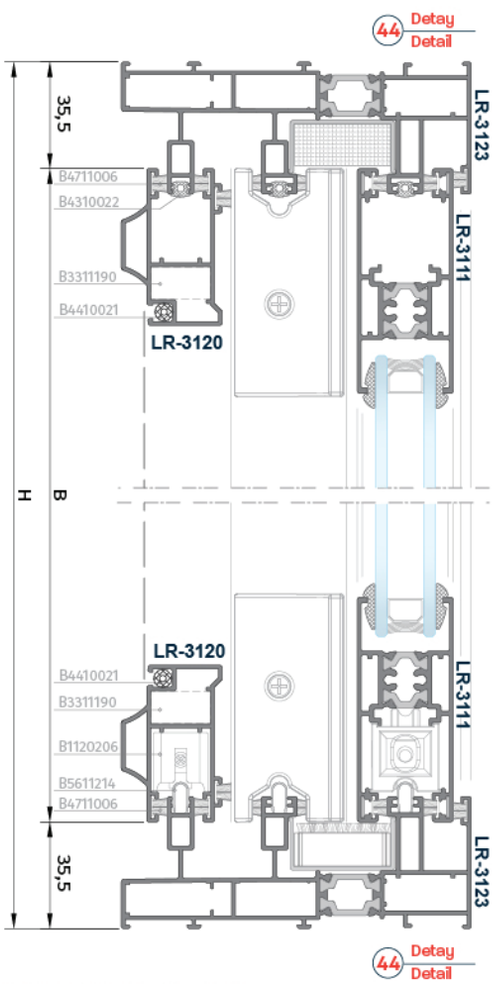




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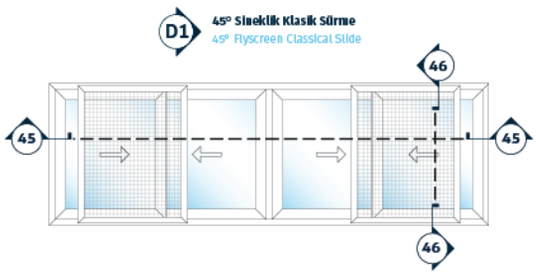


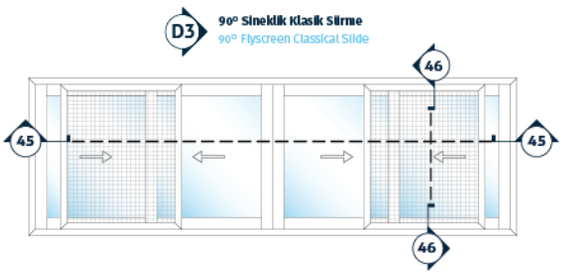


Sineklik Kanat Genişlik Fly Screen Sash Width	LR-3120			2 Ad. 2 Pcs.	A=L+7÷2
Sineklik Kanat Yükseklik Fly Screen Sash Height	LR-3120			2 Ad. 2 Pcs.	B=H-71

	B3311190 Vidalı Köşe Bağ. Takozu Screwed Corner Cleat	4 Ad. 4 Pcs.		B4711006 Fırça Fitil TRI-FIN Sealing Brush TRI-FIN	6A+6B
	B5410023 Sineklik Kanat Stoplama Sash Flyscreen Stoper	2 Ad. 2 Pcs.		B4410021 Sineklik Fitil Gasket Flyscreen Sash	2A+2B
	B1120206 Ayarlı Sineklik Rulman Single Flyscreen Roller	2 Ad. 2 Pcs.			

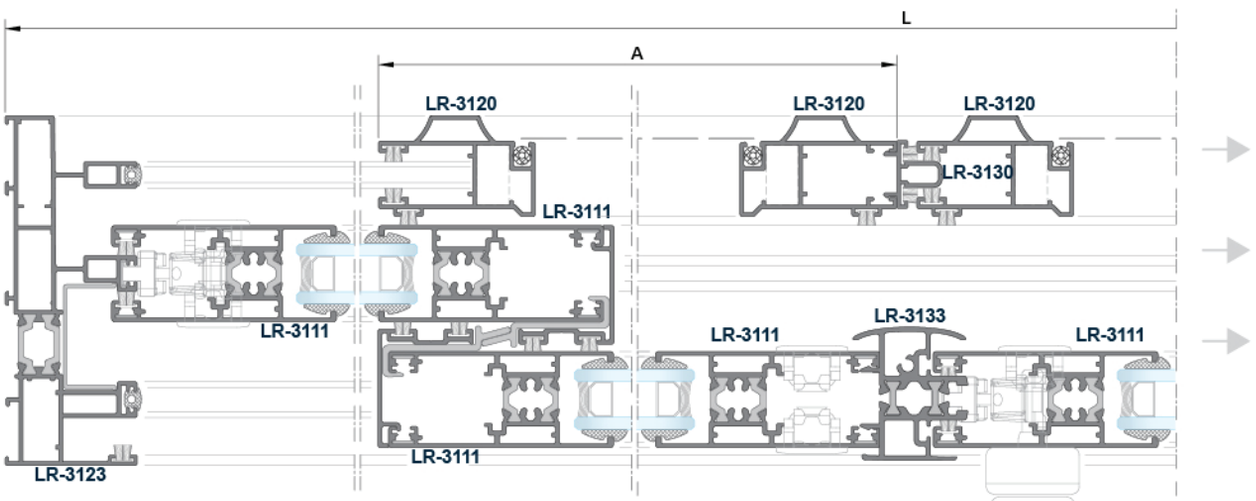
ÖLÇEK: 1:2.5
SCALE: 1:2.5



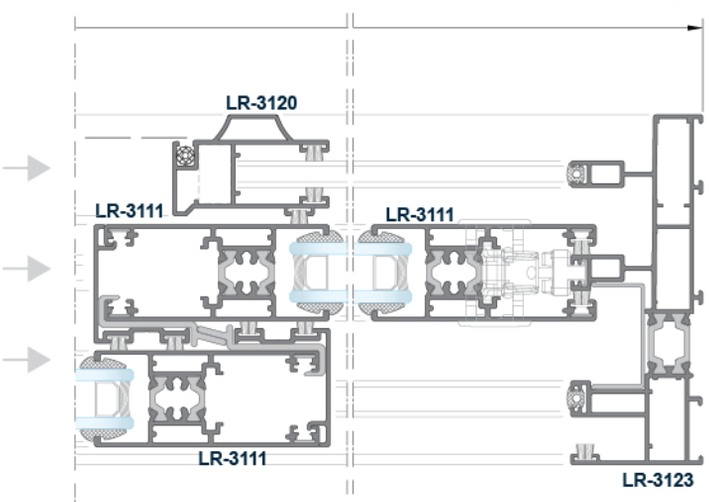


45 Detay / Detail

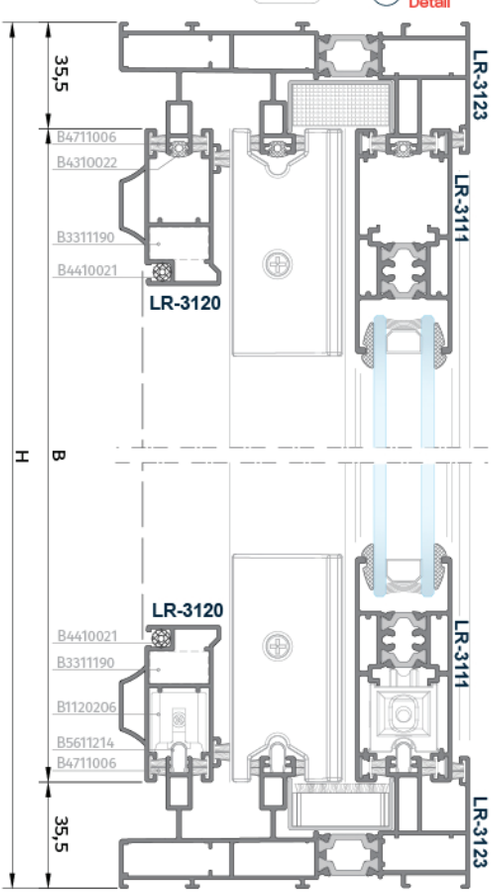
45 Detay / Detail



45 Detay / Detail



46 Detay / Detail



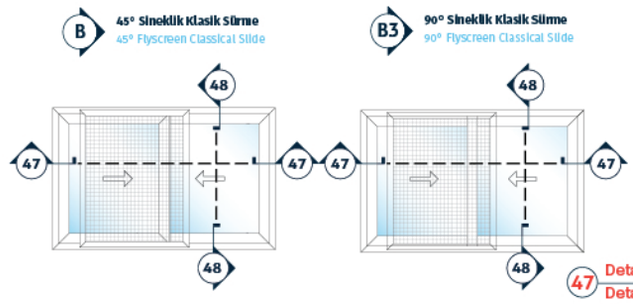
46 Detay / Detail

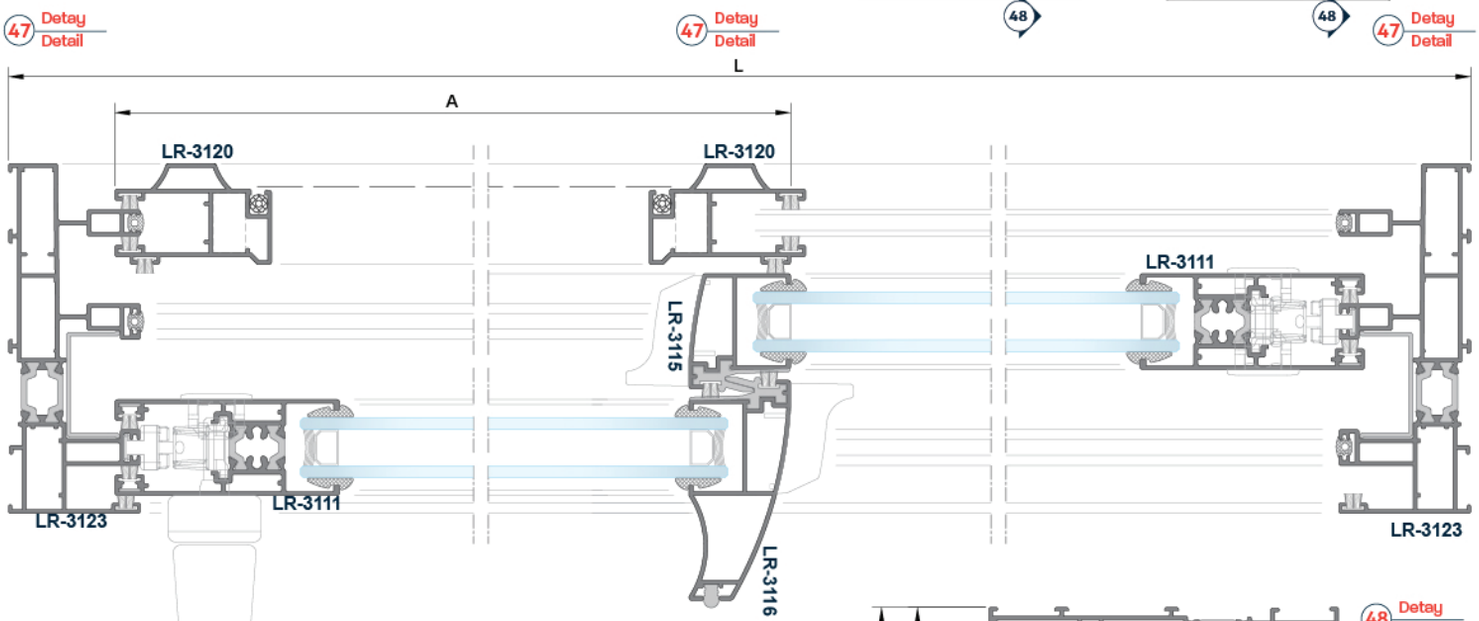
Sineklik Kanat Genişlik Fly Screen Sash Width	LR-3120			4 Ad. 4 Pcs.	A=L+90 ÷4
Sineklik Kanat Yüksekliği Fly Screen Sash Height	LR-3120			4 Ad. 4 Pcs.	B=H-71
Sineklik Orta Profili Center Locking Profile	LR-3130			1 Ad. 1 Pcs.	B=H-71

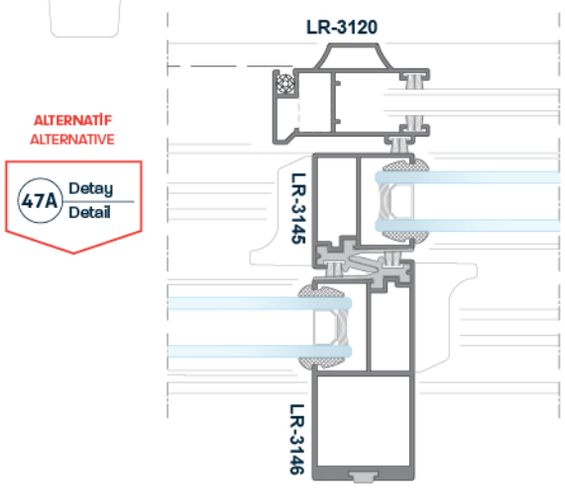
mm.

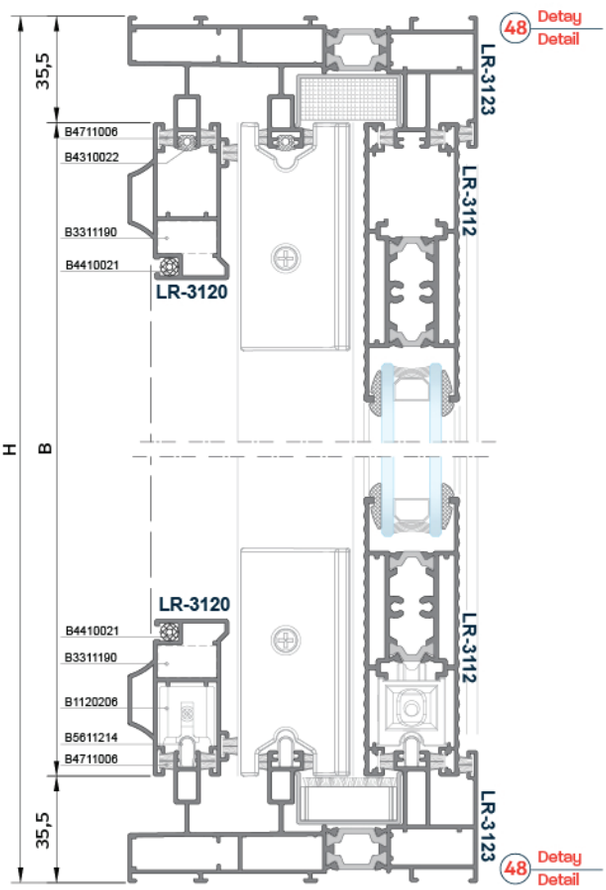
	B3311190 Vidalı Köşe Bağ. Takozu Screwed Corner Cleat	8 Ad. 8 Pcs.		B4711006 Fırça Fitil TRI-FIN Sealing Brush TRI-FIN	6A+6B
	B5410023 Sineklik Kanat Stoplama Sash Flyscreen Stoper	2 Ad. 2 Pcs.		B4410021 Sineklik Fitili Gasket Flyscreen Sash	2A+2B
	B1120206 Ayarlı Sineklik Rulman Single Flyscreen Roller	4 Ad. 4 Pcs.			

ÖLÇEK: 1:2.5
SCALE: 1:2.5





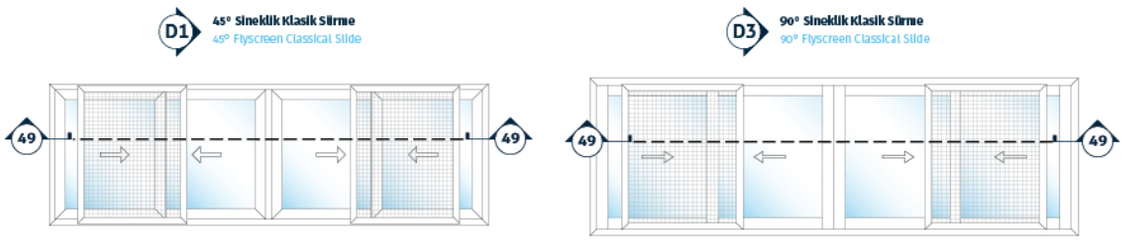


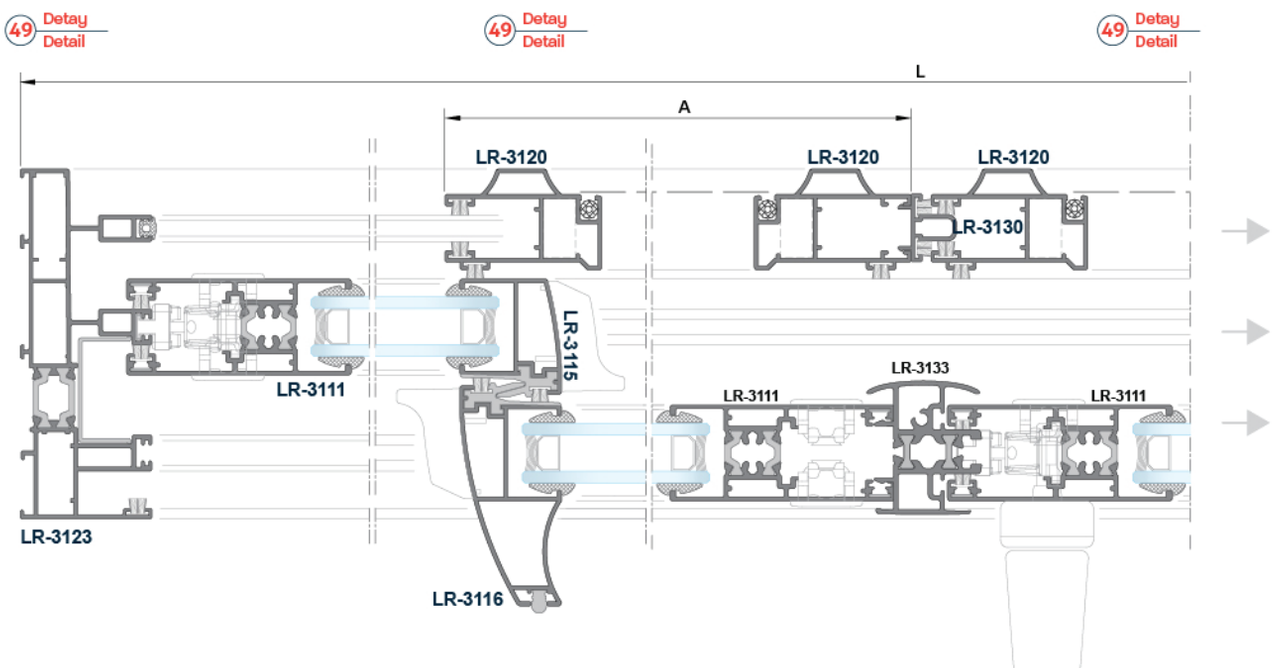


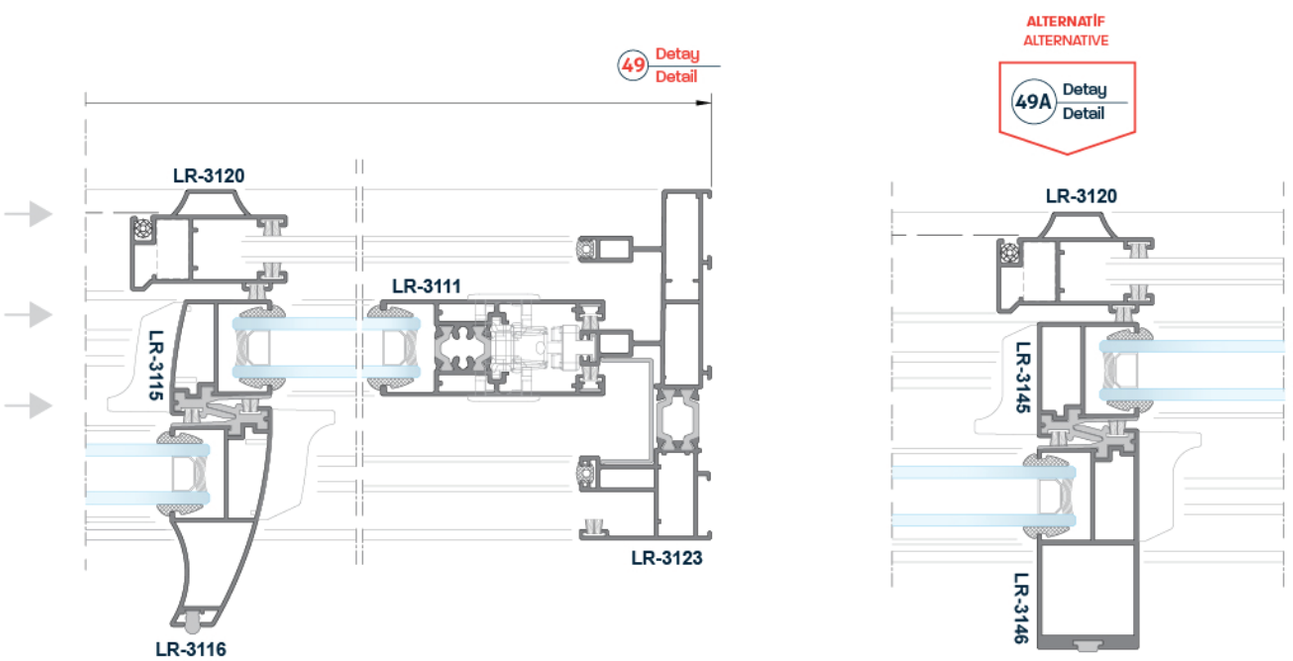
Sineklik Kanat Genişlik Fly Screen Sash Width	LR-3120			2 Ad. 2 Pcs.	A=L+17± 2
Sineklik Kanat Yükseklik Fly Screen Sash Height	LR-3120			2 Ad. 2 Pcs.	B=H-71

	B3311190 Vidalı Köşe Bağ. Takozu Screwed Corner Cleat	4 Ad. 4 Pcs.		B4711006 Fırça FRIL TRI-FIN Sealing Brush TRI-FIN	6A+6B
	B5410023 Sineklik Kanat Stoplama Sash Flyscreen Stoper	2 Ad. 2 Pcs.		B4410021 Sineklik FRIL Gasket Flyscreen Sash	2A+2B
	B1120206 Ayarlı Sineklik Rulman Single Flyscreen Roller	2 Ad. 2 Pcs.			

ÖLÇEK: 1:2.5
SCALE: 1:2.5

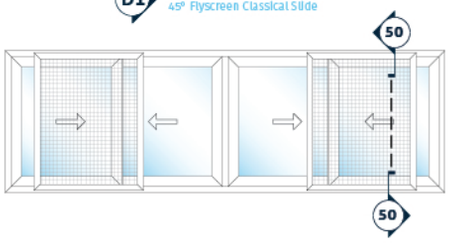






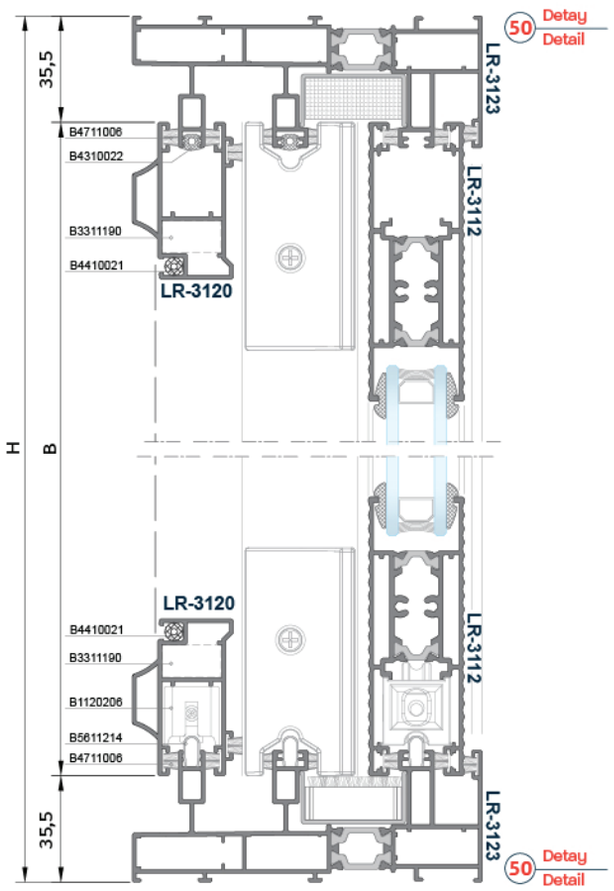
ÖLÇEK: 1:2.5
SCALE: 1:2.5

D1 **45° Sineklik Klasik Sürme**
45° Flyscreen Classical Slide



D3 **90° Sineklik Klasik Sürme**
90° Flyscreen Classical Slide





					mm.
Sineklik Kanat Genişlik Fly Screen Sash Width	**LR-3120**			**4 Ad.** 4 Pcs.	A=L+110 ÷4
Sineklik Kanat Yükseklik Fly Screen Sash Height	**LR-3120**			**4 Ad.** 4 Pcs.	B=H-71
Sineklik Orta Profili Center Locking Profile	**LR-3130**			**1 Ad.** 1 Pcs.	B=H-71

	B3311190 **Vidalı Köşe Bağ. Takozu** Screwed Corner Cleat	**8 Ad.** 8 Pcs.		B4711006 **Fırça Fitil TRI-FIN** Sealing Brush TRI-FIN	6A+6B
	B5410023 **Sineklik Kanat Stoplama** Sash Flyscreen Stoper	**2 Ad.** 2 Pcs.		B4410021 **Sineklik Fitili** Gasket Flyscreen Sash	2A+2B
	B1120206 **Ayarlı Sineklik Rulman** Single Flyscreen Roller	**4 Ad.** 4 Pcs.			

ÖLÇEK: 1:2.5
SCALE: 1:2.5

LR 3100

YALITIMLI **SÜRME SİSTEM**

INSULATED SLIDING SYSTEM

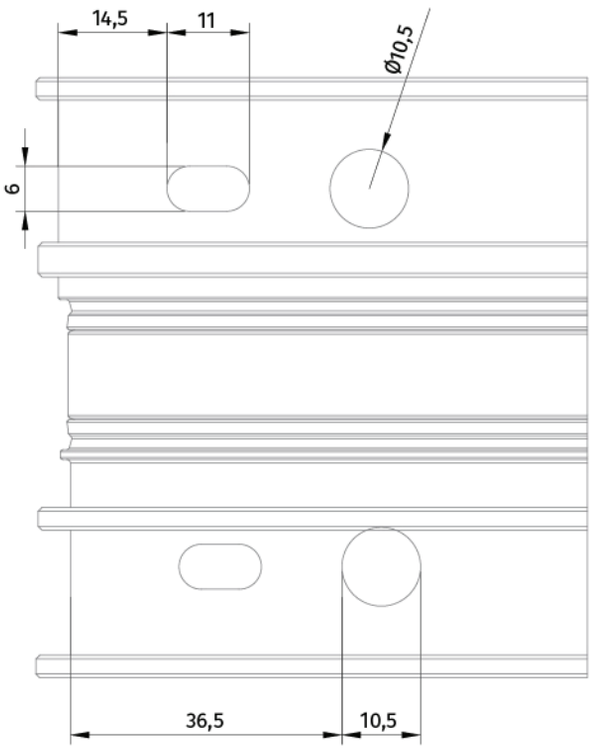
Montaj Çizimleri / *Assembly Drawing*

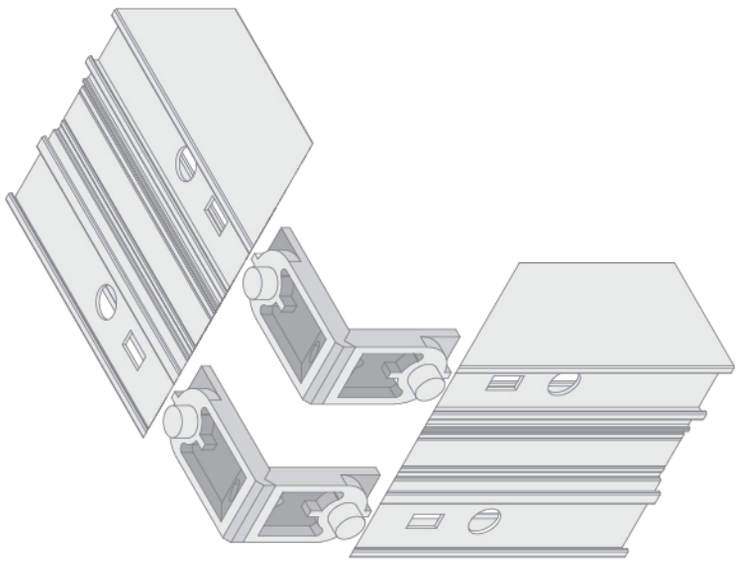
PH **Plastik Hizalama** *Plastic Corner Alignment* | KH **Krom Hizalama** *Chrome Corner Alignment* | DB **Dik Bağlantı** *Transom-Mullion Cleat* | PT **Pres Takoz** *Corner Cleat Profile* | VT **Vidalı Takoz** *Corner Spring* | AK **Adaptör Kapağı** *Adapter Cap*

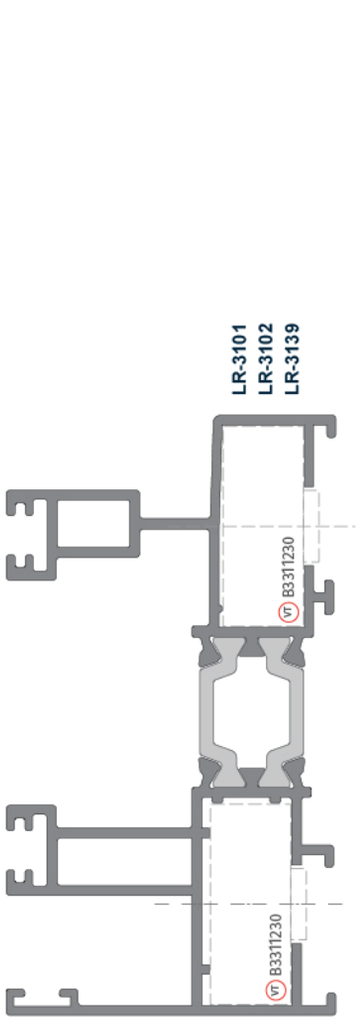
Kertme *Notching* | **Takoz Punch** *Manual Punch* | **Köşe Pres** *Press Tool* | **Testere** *Saw* | **Hızlı Yapıştırıcı** *Adhesive* | **Silikon** *Sealant* | **Falçata** *Curved Knife* | **Tokmak** *Mallet* | **Ambalaj Miktarı** *Packing Unit*

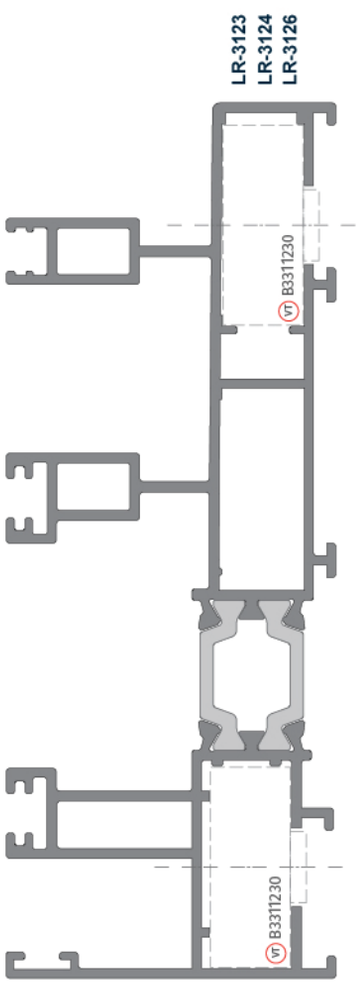
Delik Çapı *Drilling Jig* | **Yalıtım Bantı** *Insulation Tape*

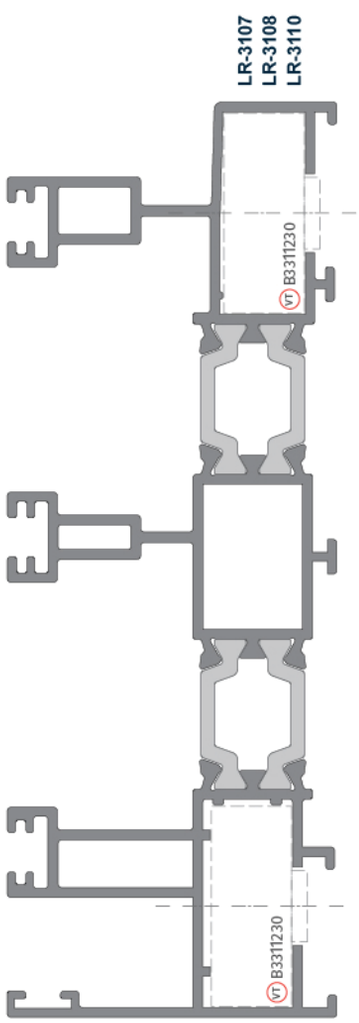
KASA VİDALI TAKOZ MONTAJ DETAYI
SCREWED CORNER CLEAD ASSEMBLY DETAIL









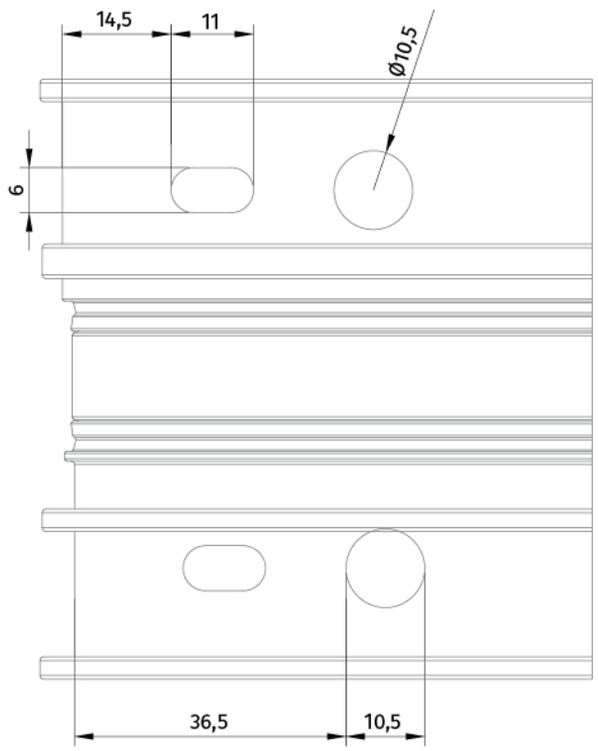


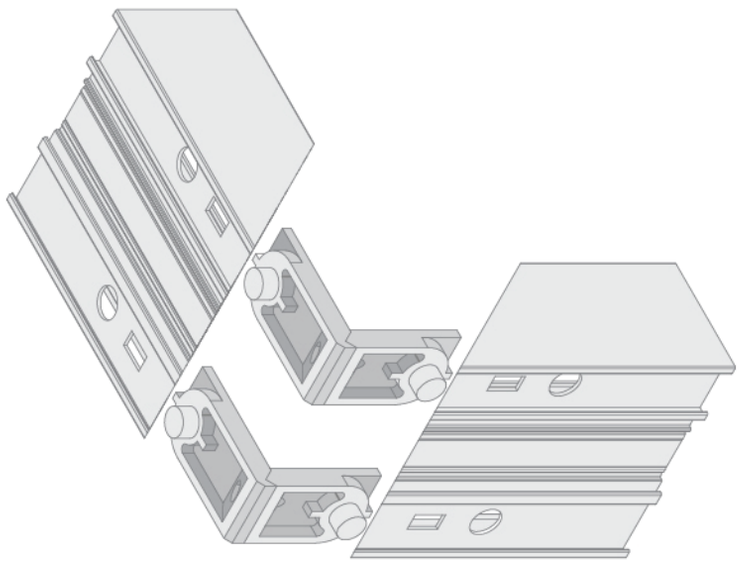
Takoz Punch
Manual Punch

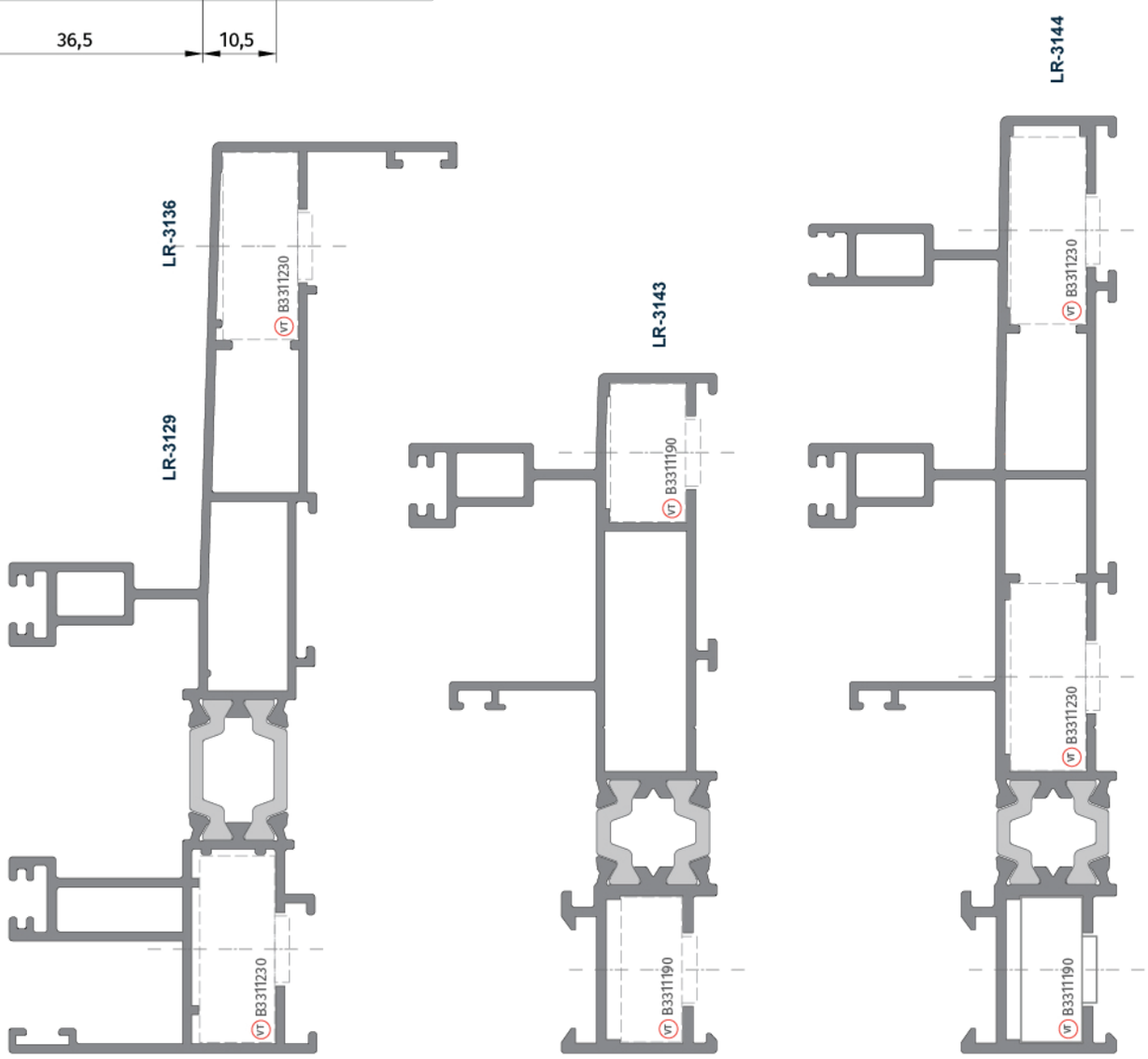
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SCALE: 1:1

KASA VİDALI TAKOZ MONTAJ DETAYI

SCREWED CORNER CLEAD ASSEMBLY DETAIL



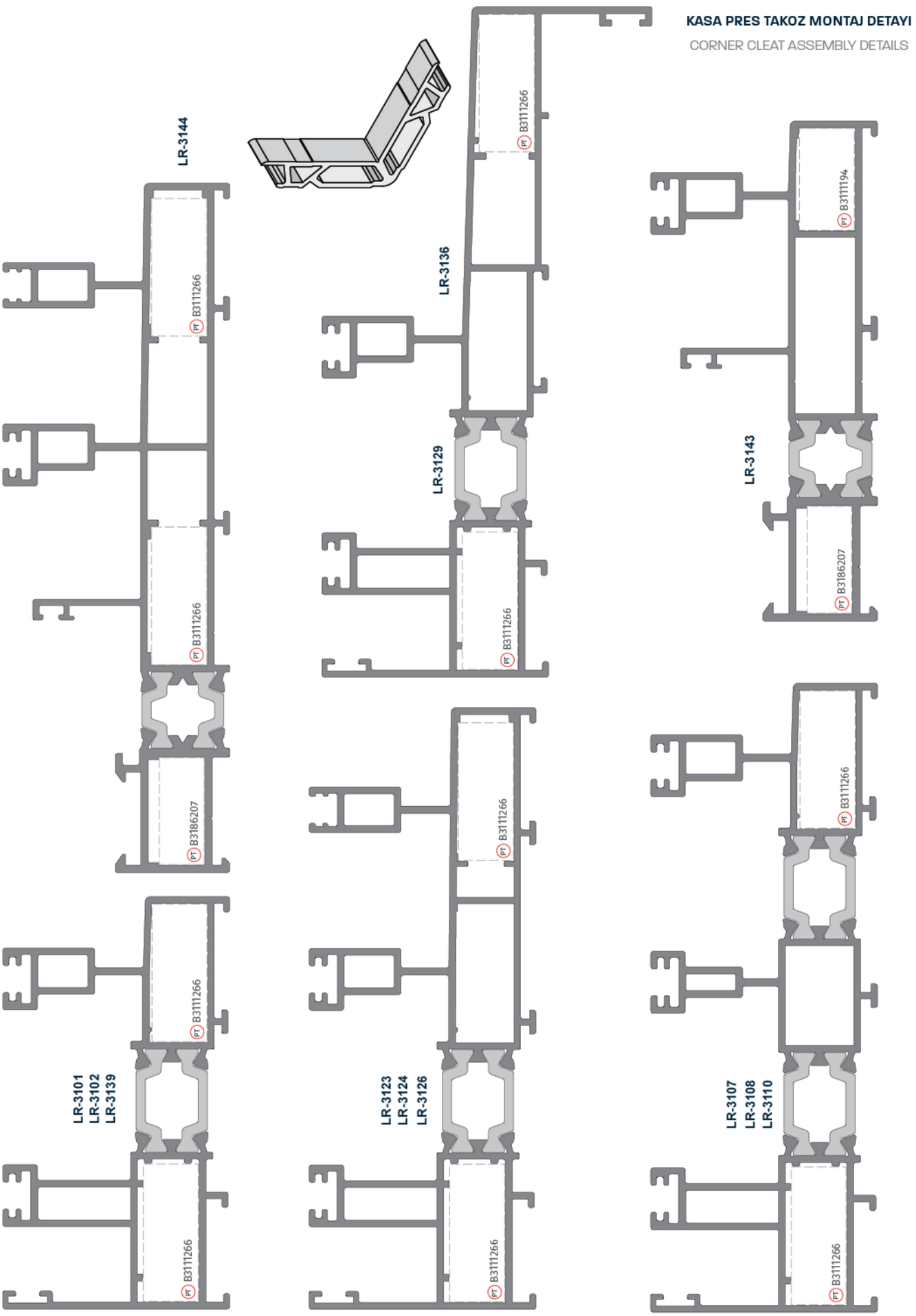




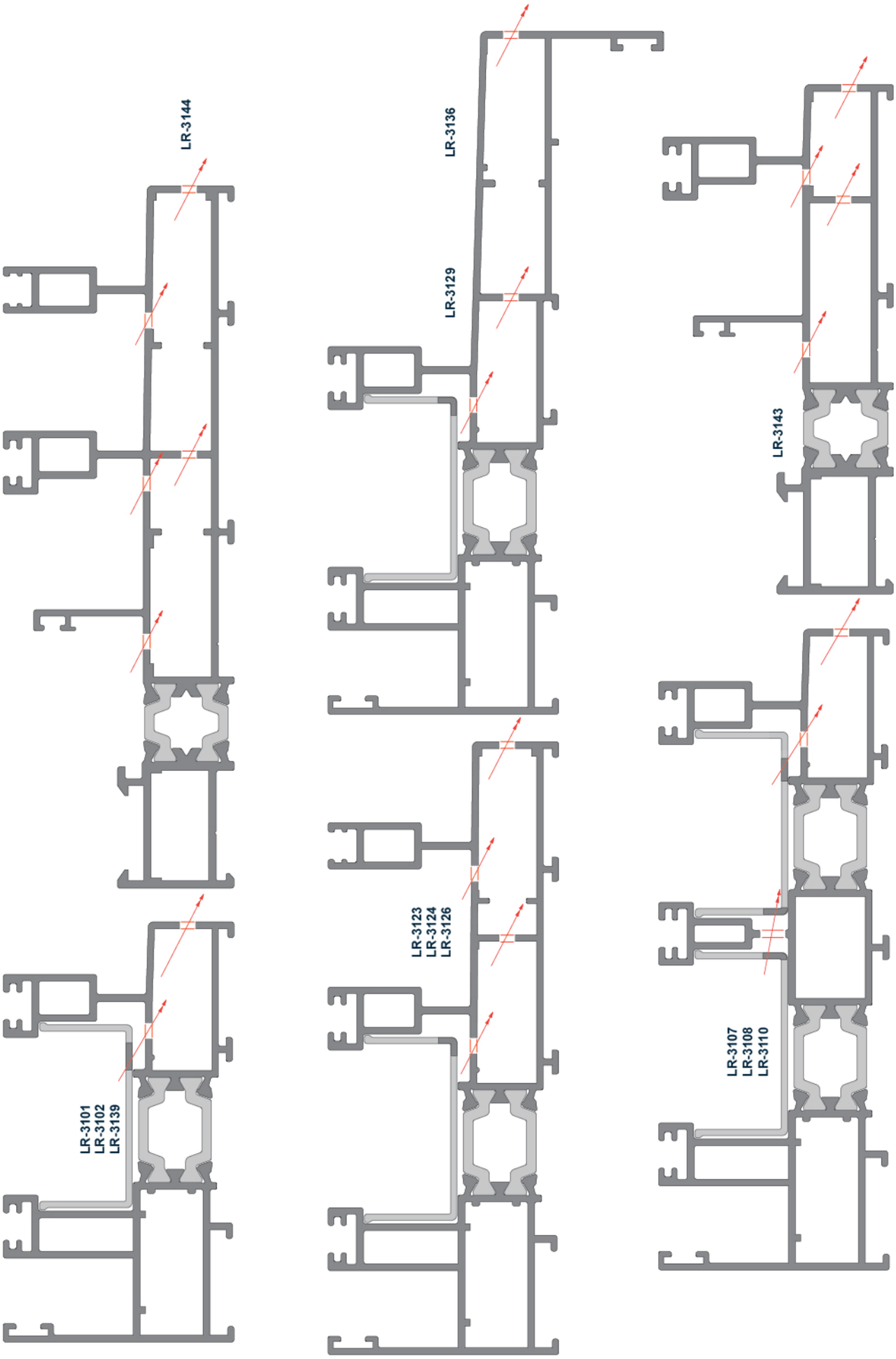
Takoz Punch
Manual Punch

ÖLÇEK: 1:1
SCALE: 1:1

KASA PRES TAKOZ MONTAJ DETAYI
CORNER CLEAT ASSEMBLY DETAILS



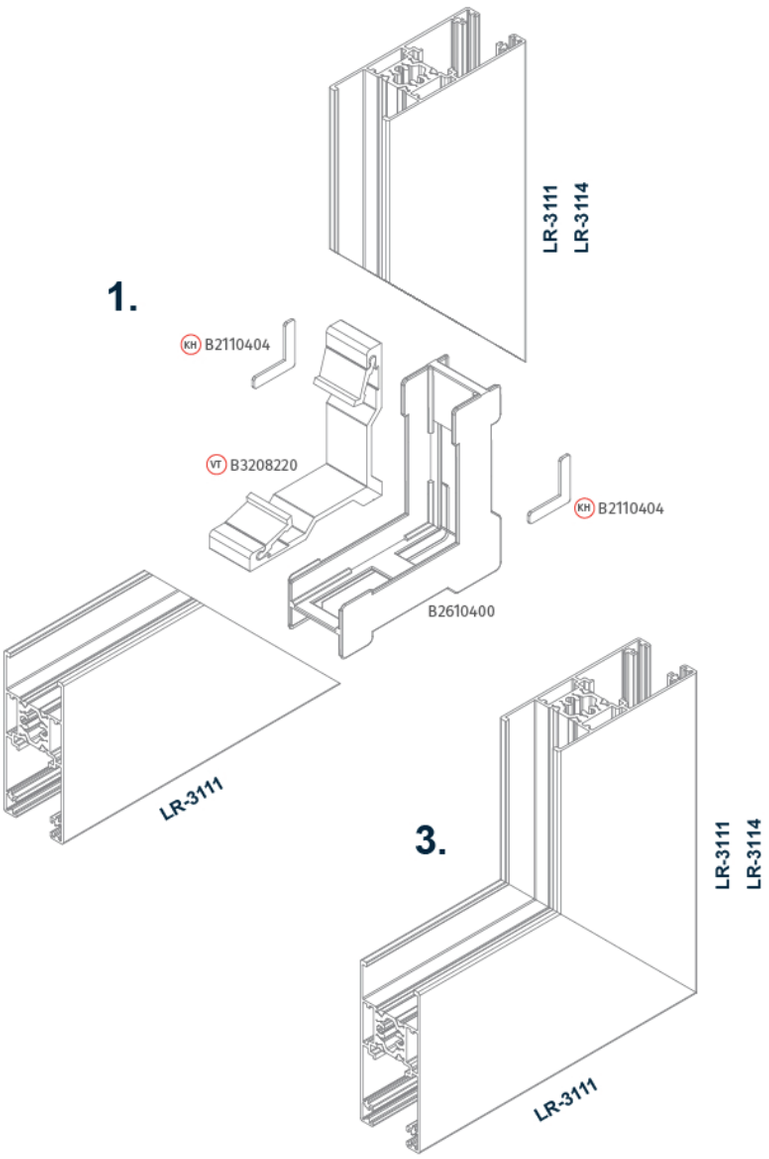
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ÖLÇEK: 1:1
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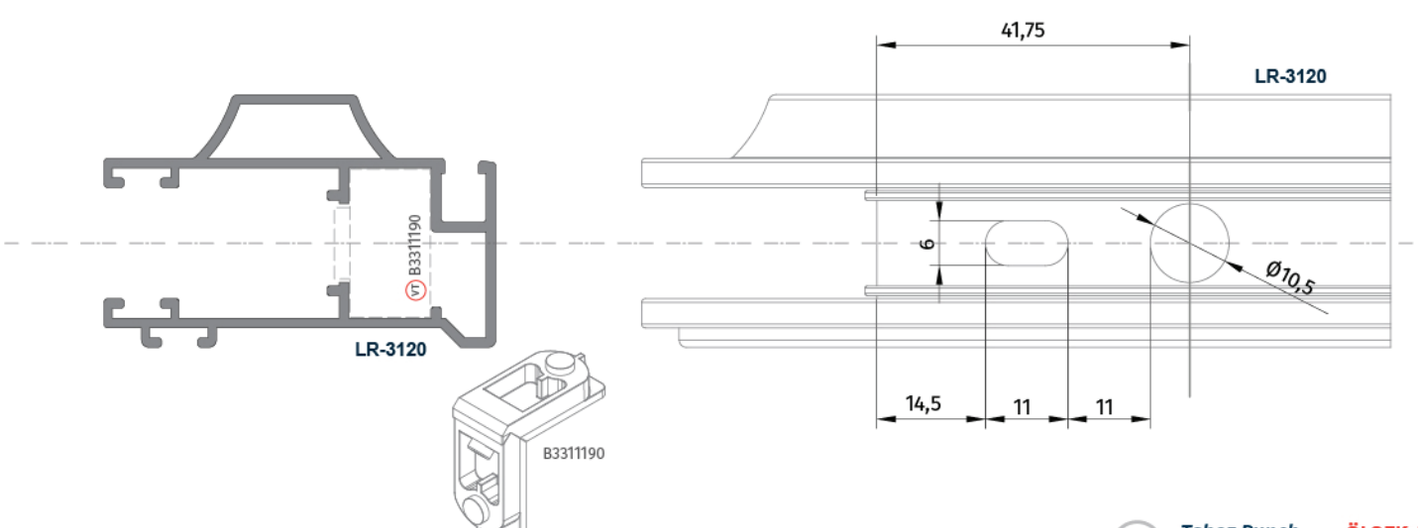
LR3111-LR3114 45° KANAT TAKOZ MONTAJ DETAYI

LR3111-LR3114 45° SASH SCREWED CORNER CLEAT ASSEMBLY DETAILS



LR3120 KANAT VİDALI TAKOZ MONTAJ DETAYI

LR3120 SASH SCREWED CORNER CLEAT ASSEMBLY DETAILS

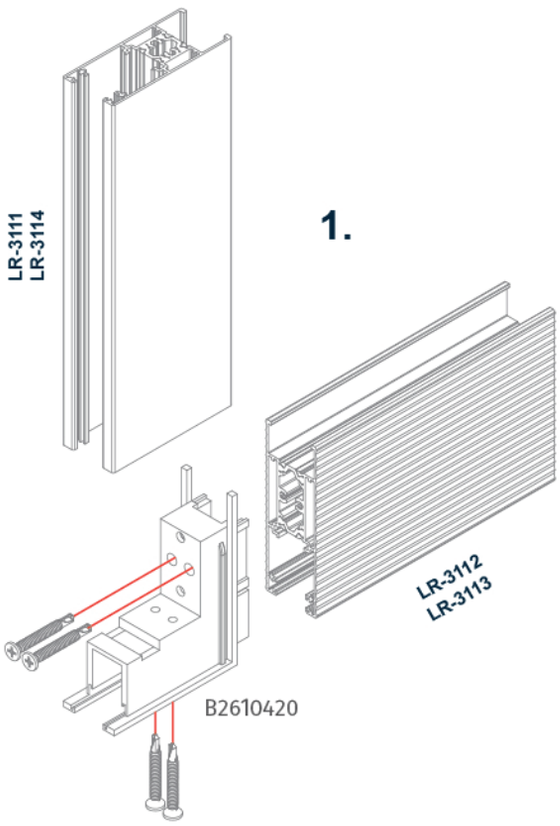


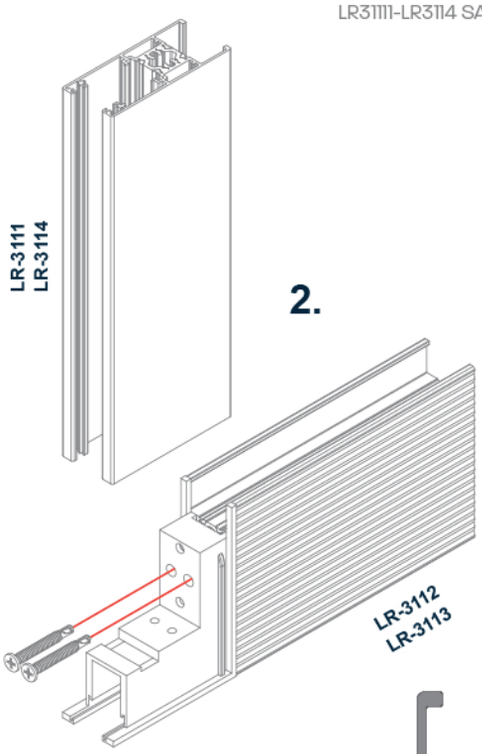
Takoz Punch
Manual Punch

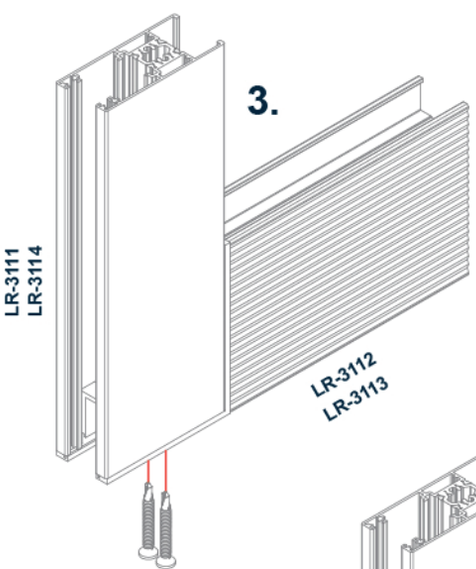
ÖLÇEK: 1:1
SCALE: 1:1

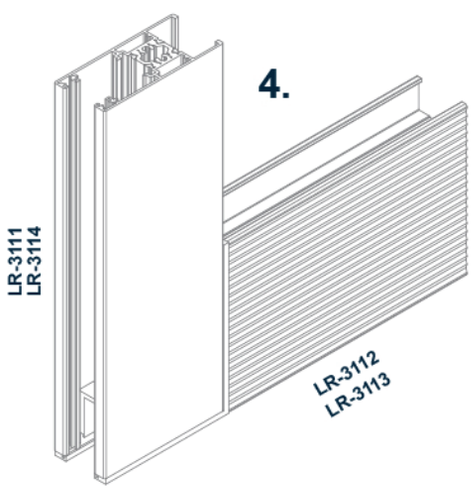
LR3111-LR3114 KANAT KERTME DETAYI

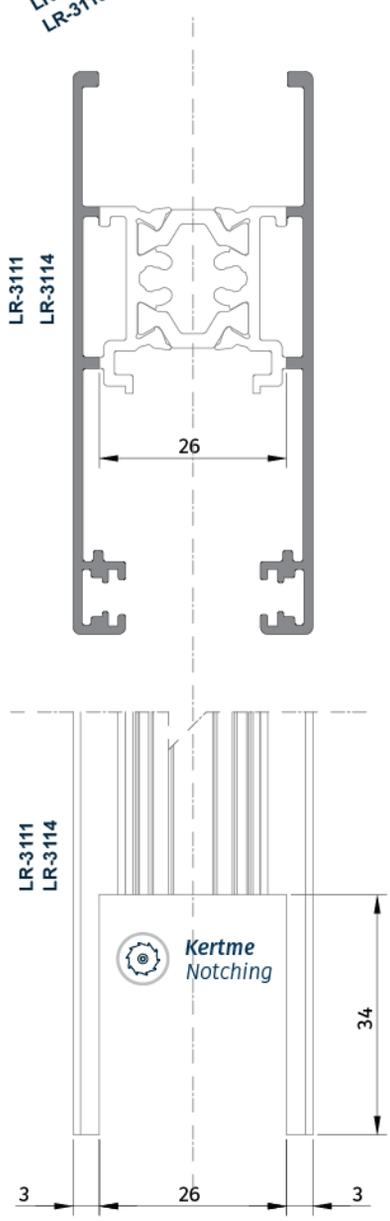
LR31111-LR3114 SASH NOTCHING DETAILS





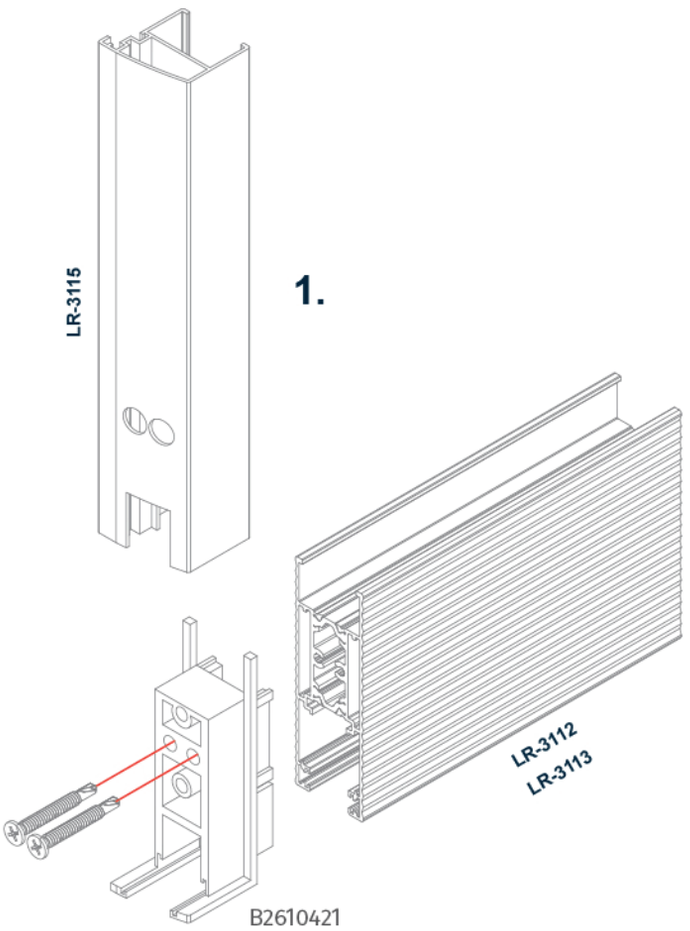


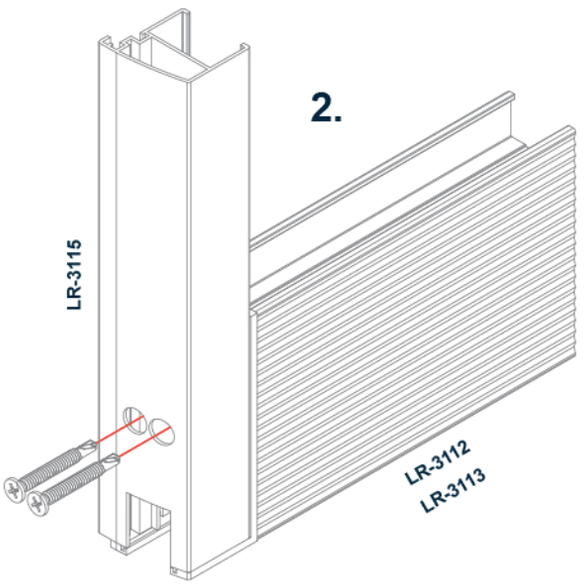


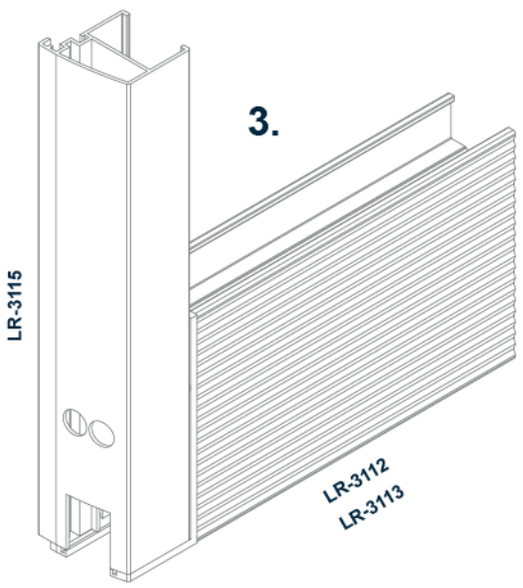


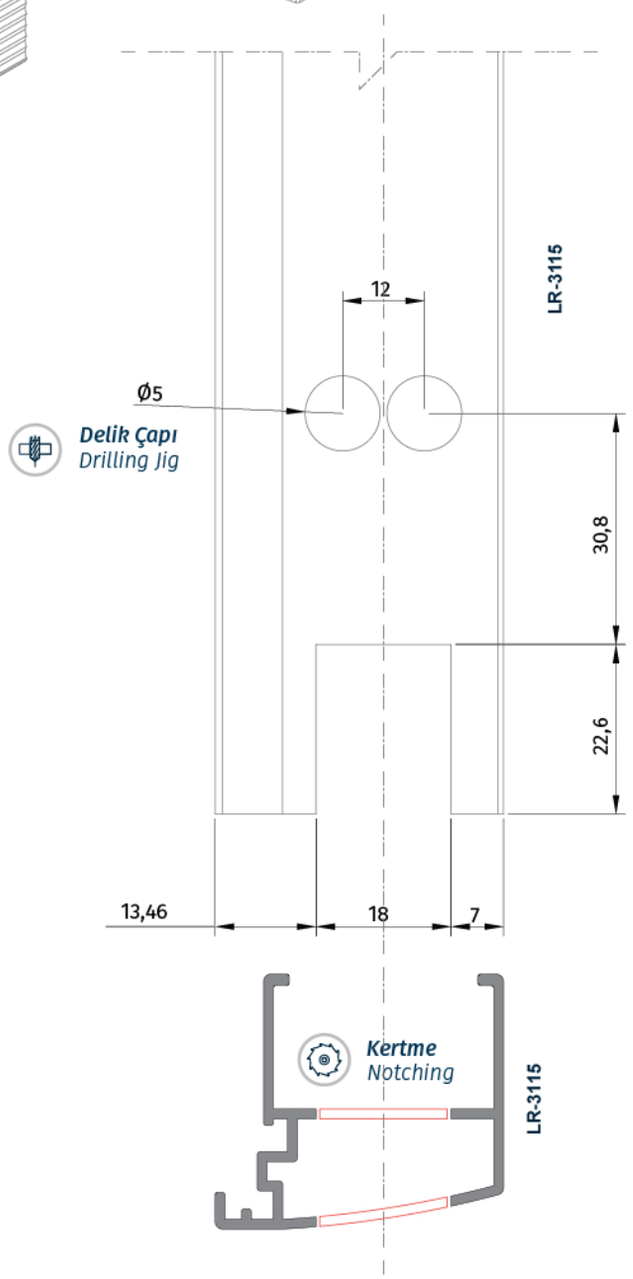
ÖLÇEK: 1:1
SCALE: 1:1

LR3115 KANAT KERTME DETAYI
LR3115 SASH NOTCHING DETAILS

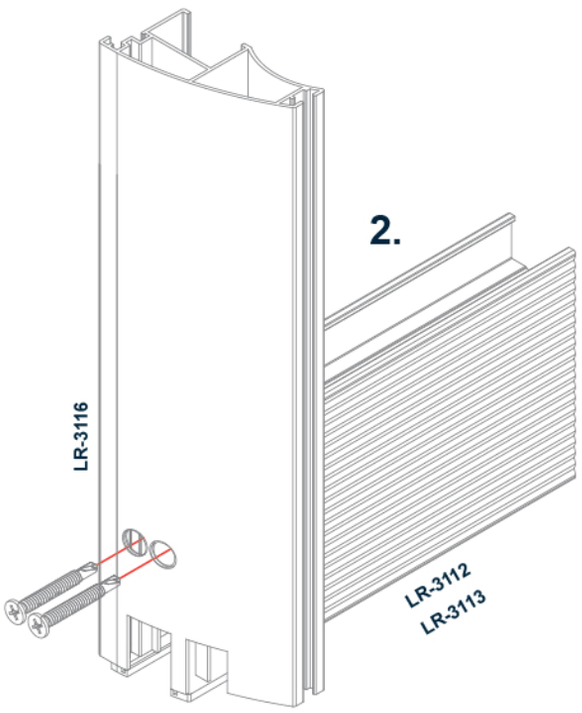


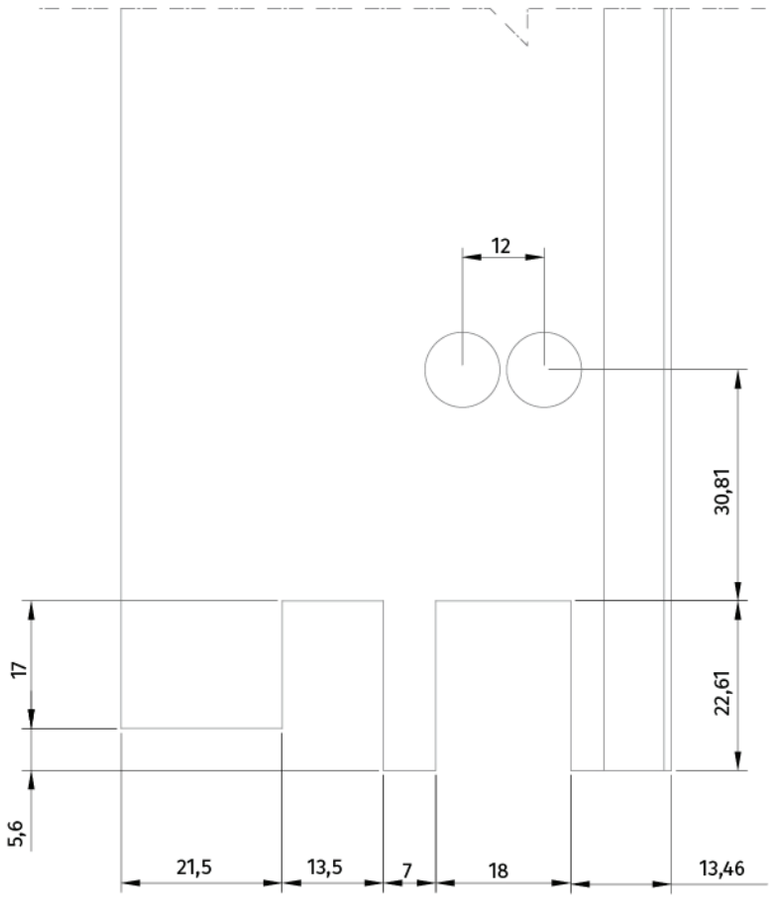


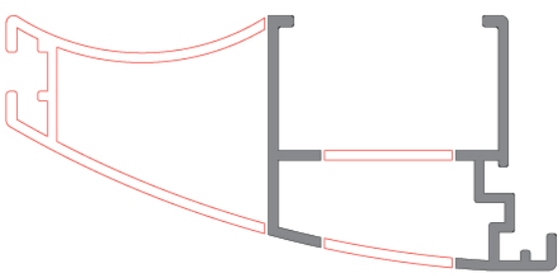




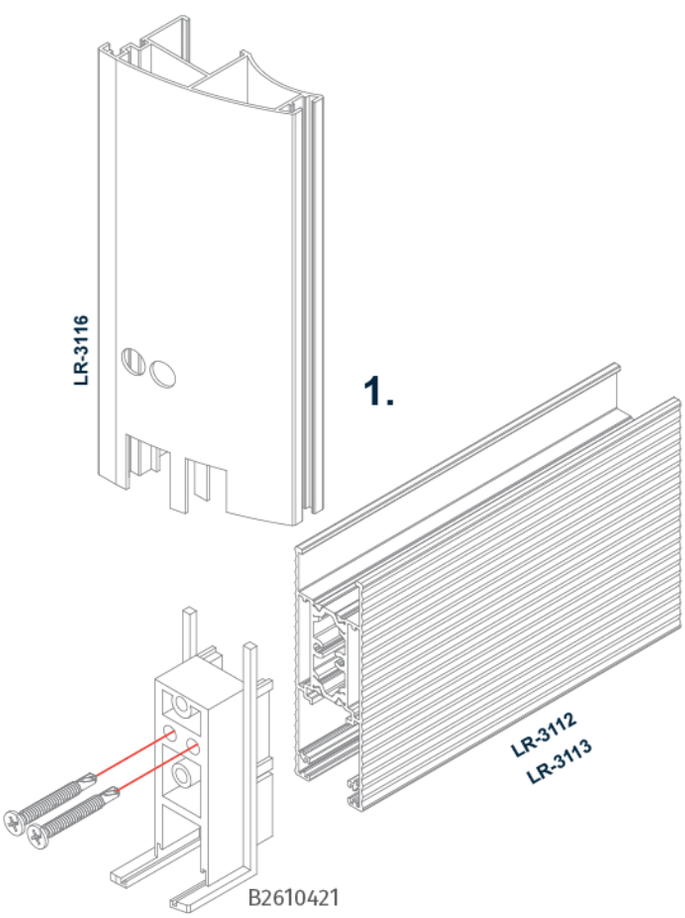
ÖLÇEK: 1:1
SCALE: 1:1

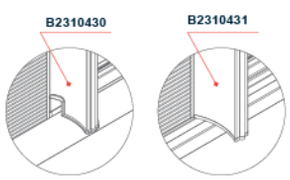






LR-3116

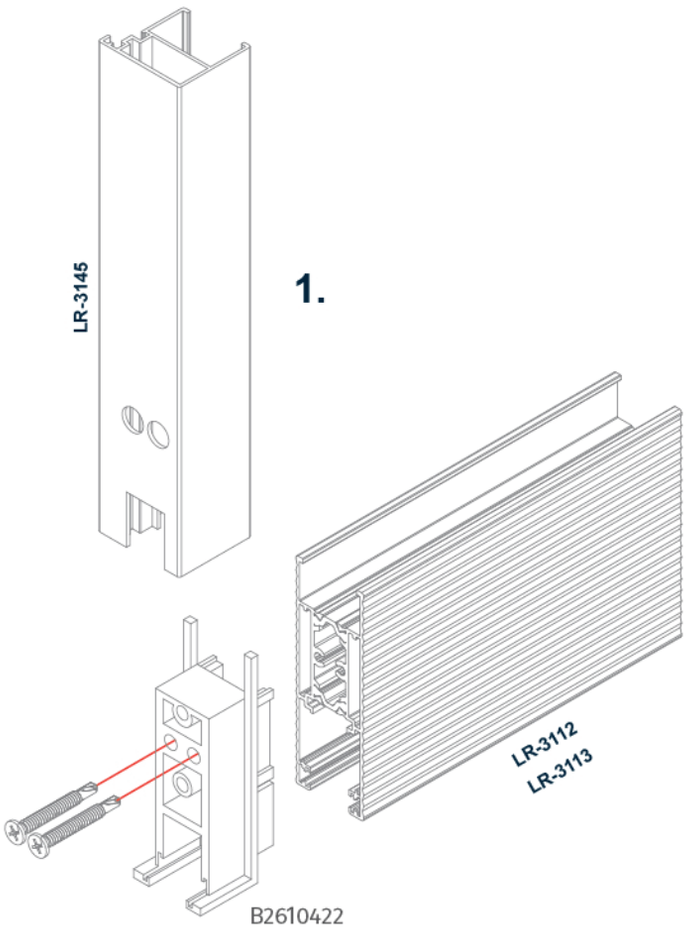


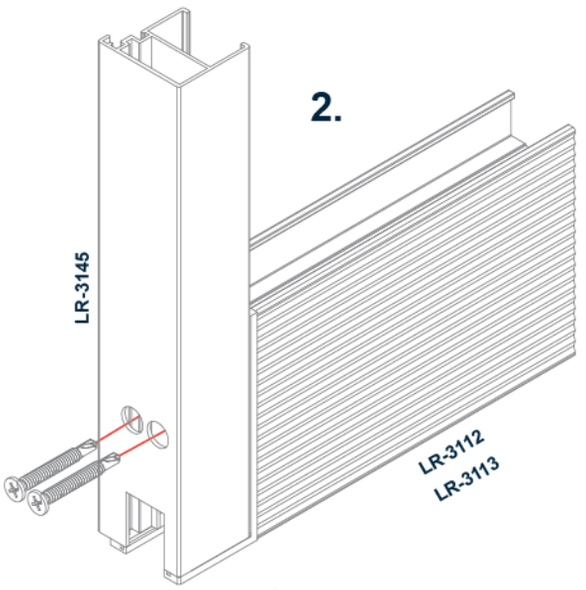


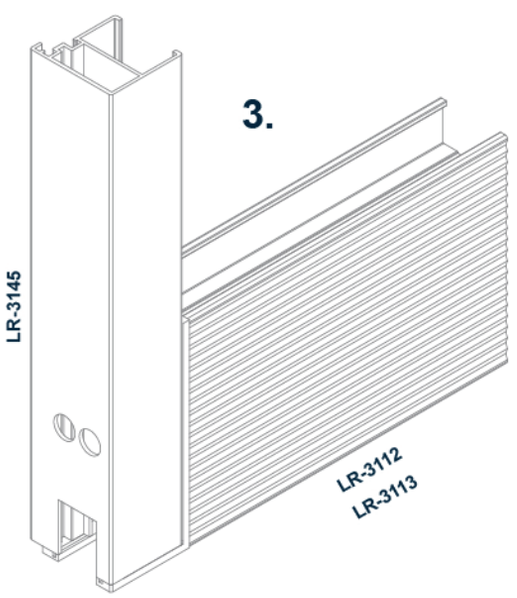
⚠ **LR-3116 Kanat içeride ise B2310430 nolu kapak**
LR-3116 sash used inside, cap is B2310430

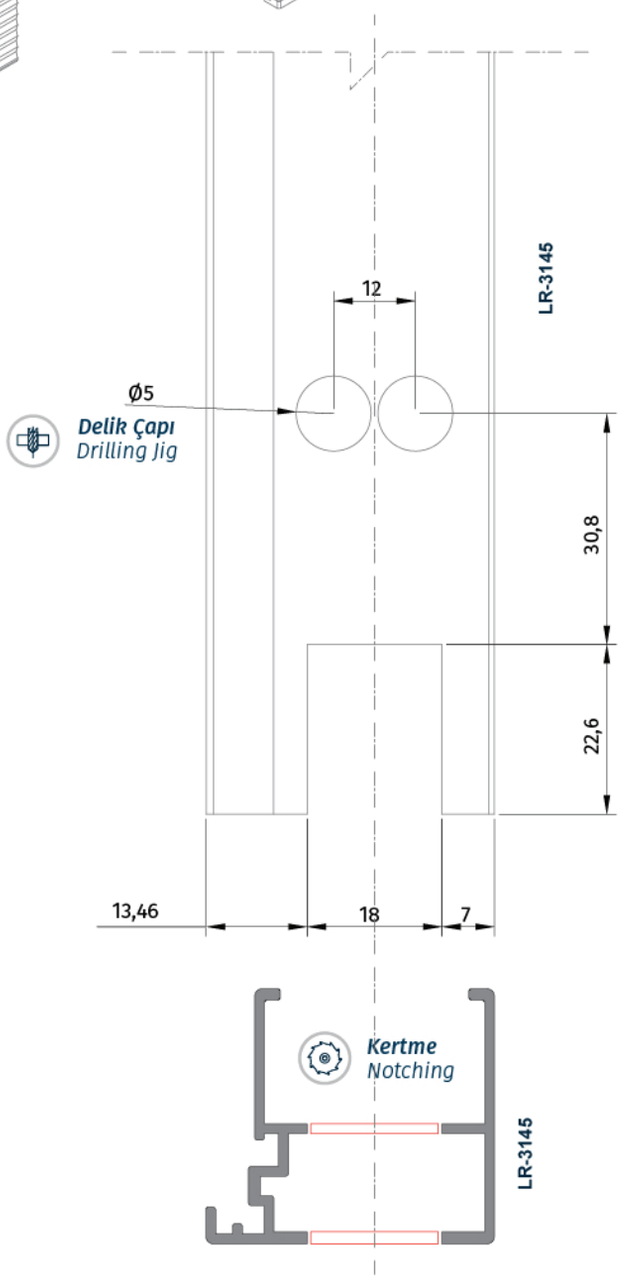
⚠ **LR-3116 Kanat dışarıda ise B2310431 nolu kapak**
LR-3116 sash used outside, cap is B2310431

LR3145 KANAT KERTME DETAYI
LR3145 SASH NOTCHING DETAILS

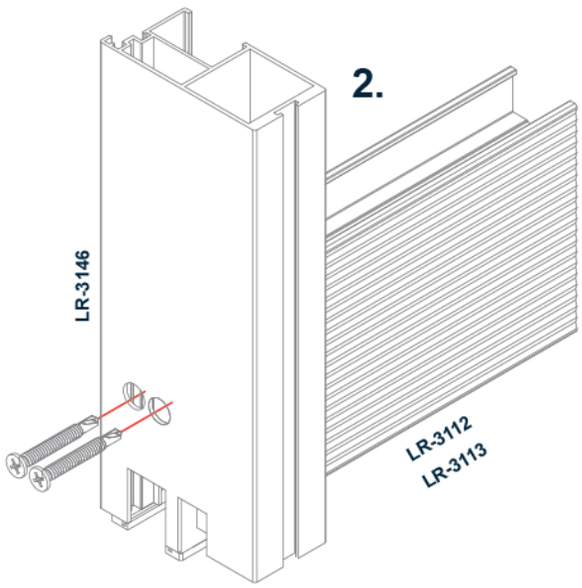


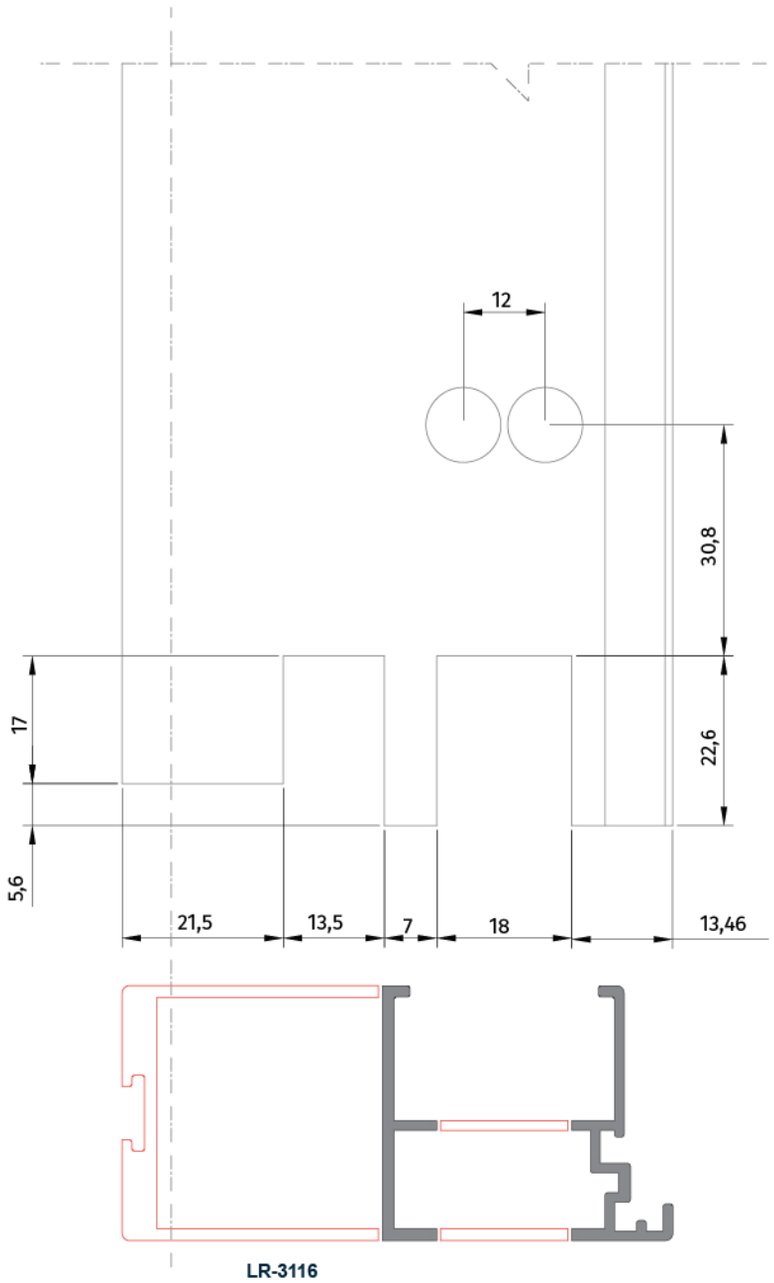


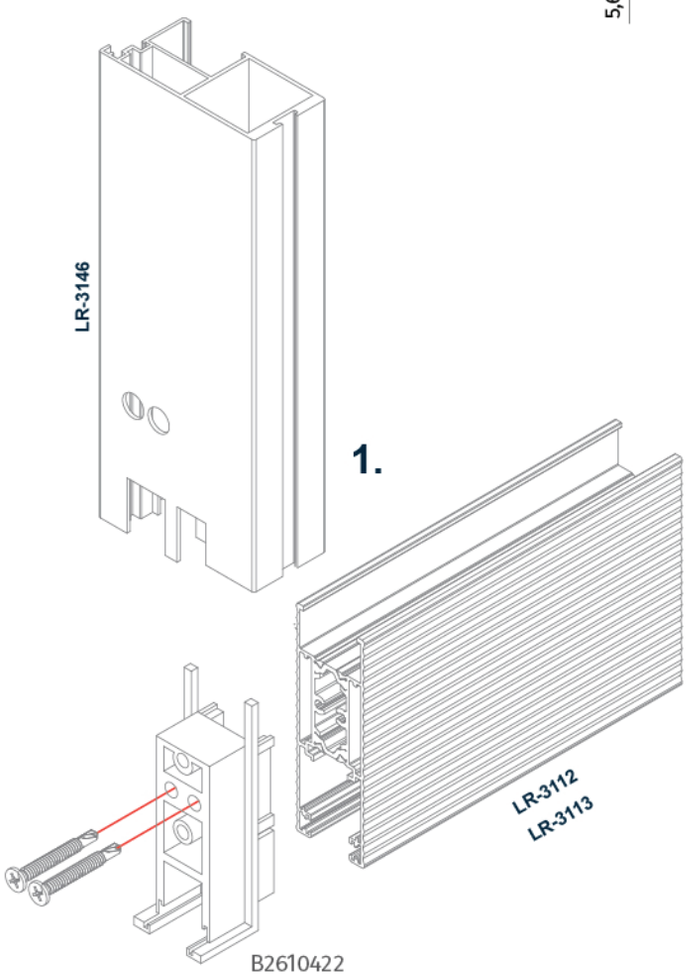




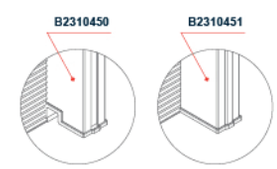
ÖLÇEK: 1:1
SCALE: 1:1







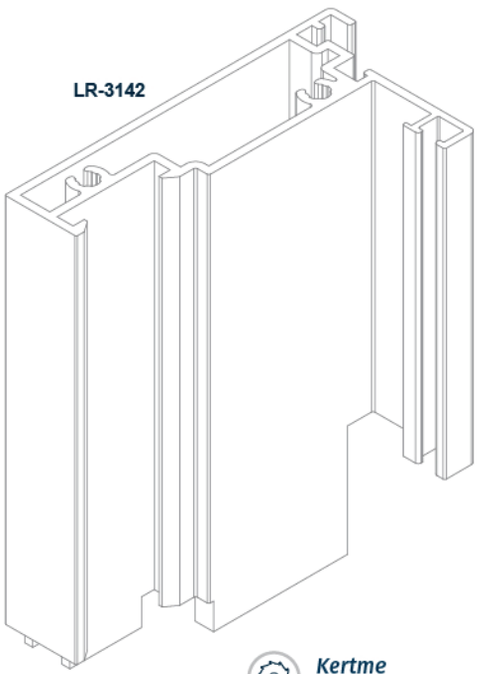
B2610422



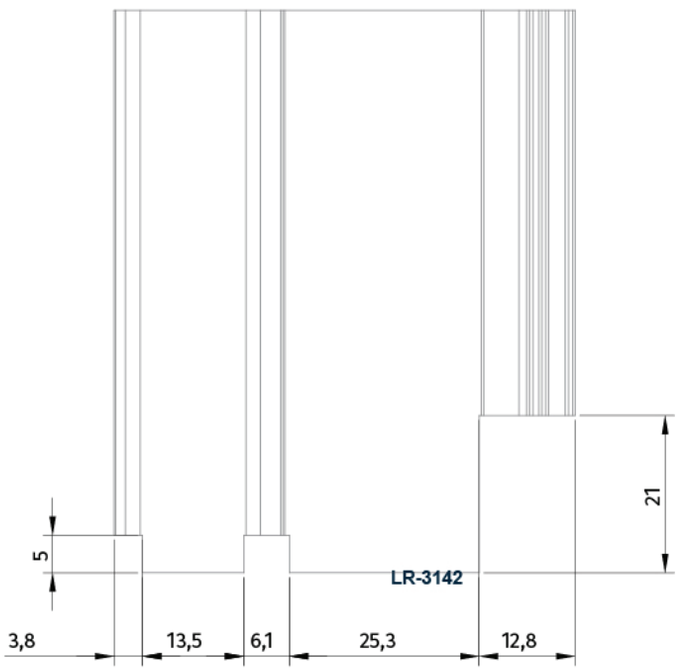
⚠ LR-3146 Kanat içeride ise B2310450 nolu kapak
LR-3146 sash used inside, cap is B2310450

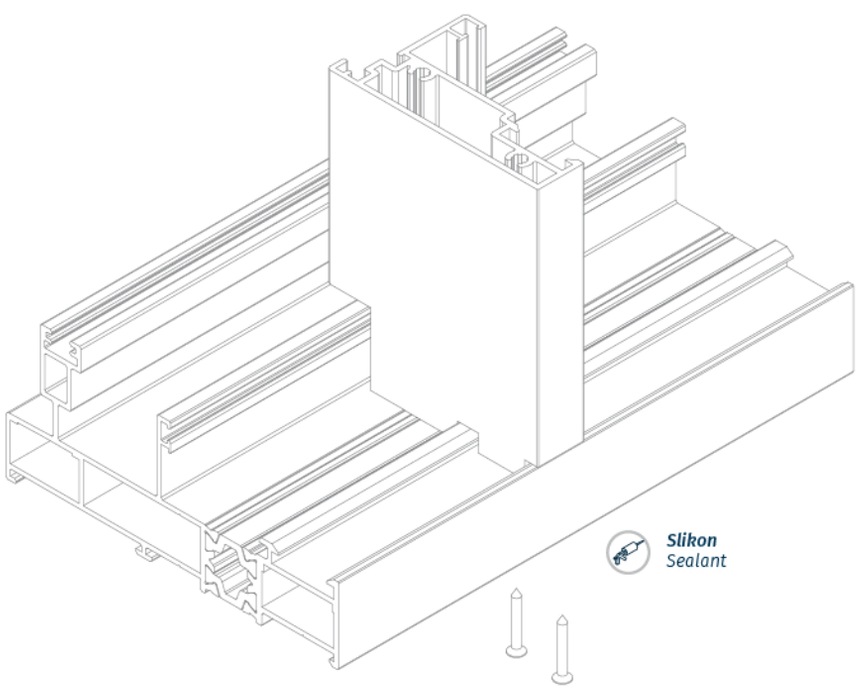
⚠ LR-3116 Kanat dışarıda ise B2310451 nolu kapak
LR-3116 sash used outside, cap is B2310451

ÖLÇEK: 1:1
SCALE: 1:1

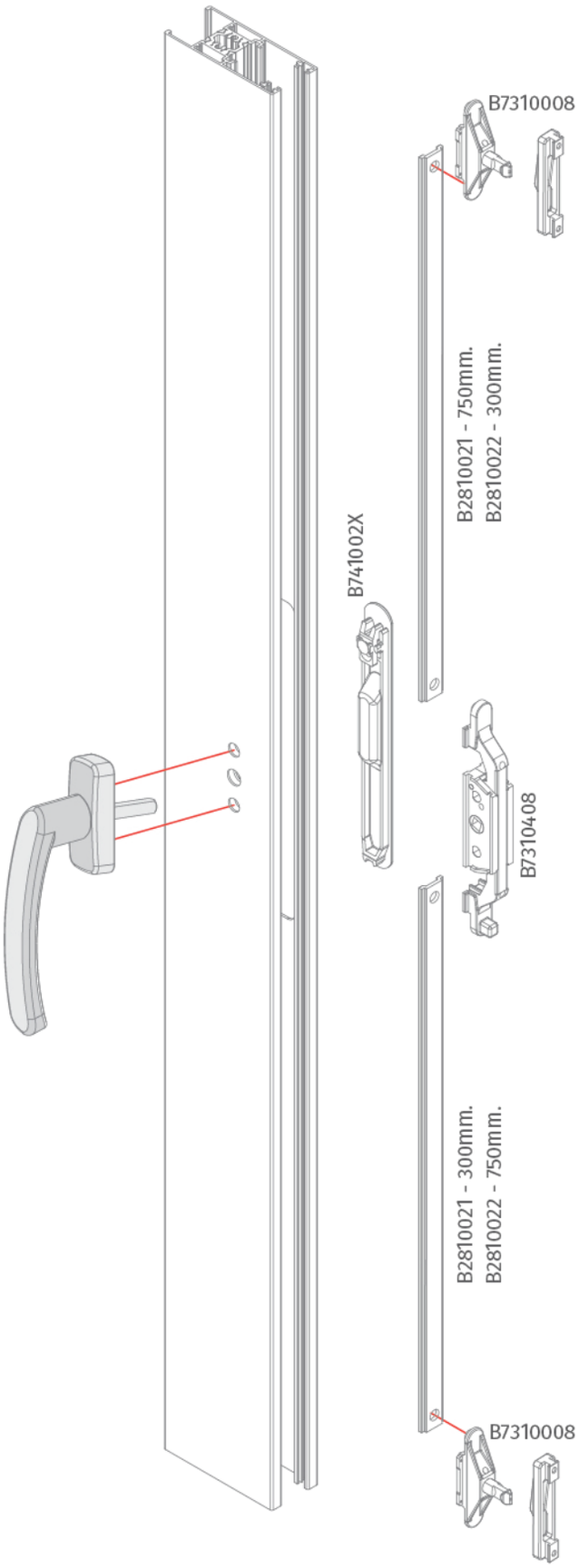


Kertme
Notching



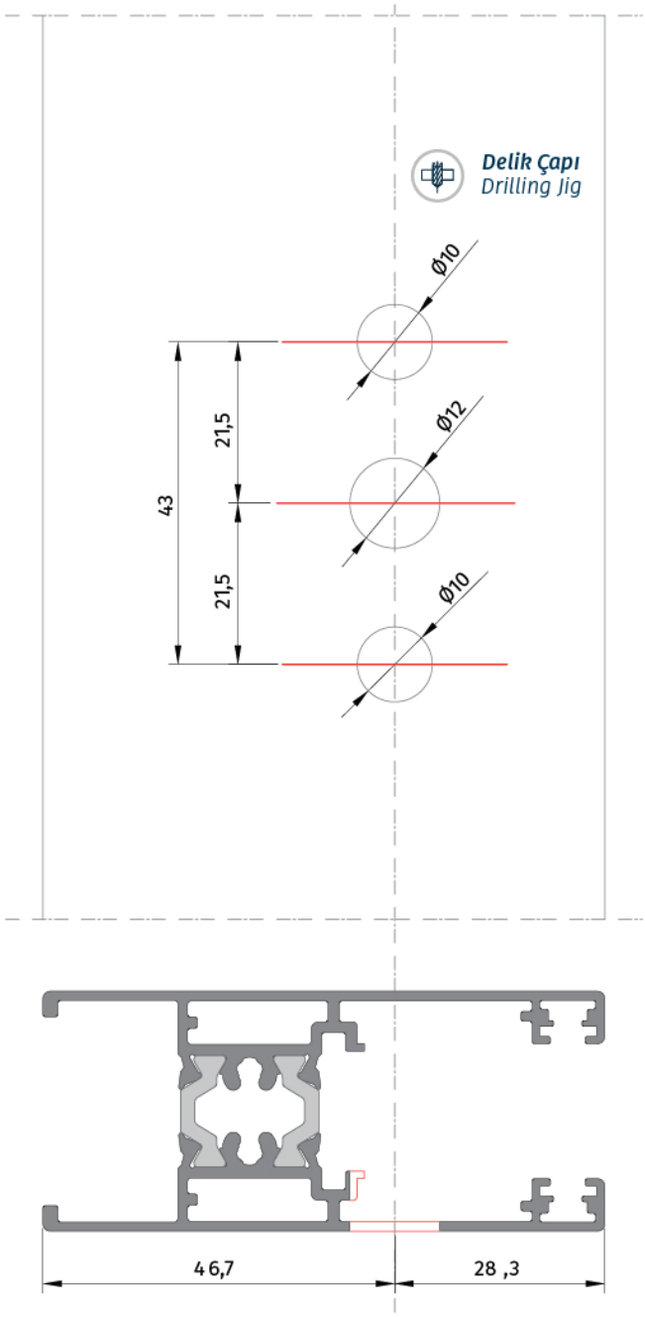


Silikon
Sealant



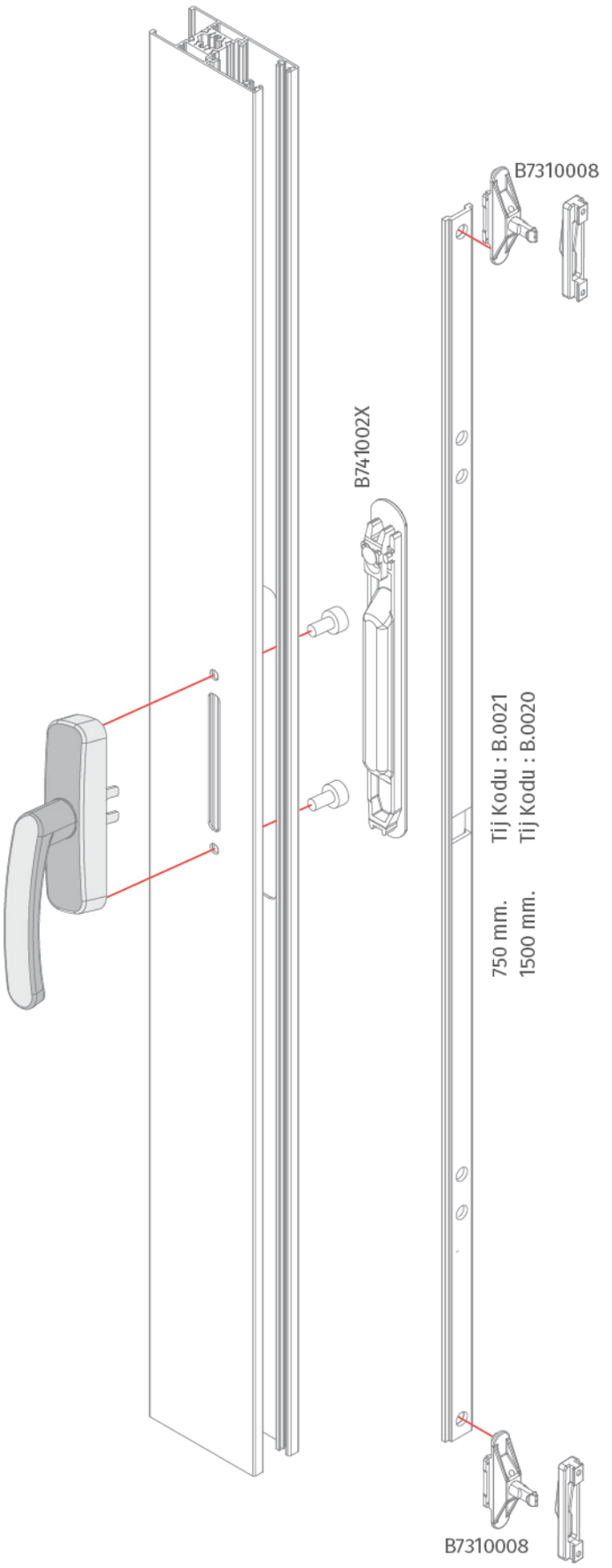
SECUSTIK KOL TİJLİ SİSTEM KİLİT DETAYI

ROD INCLUDED SYSTEM, SECUSTIK HANDLE LOCKING DETAILS



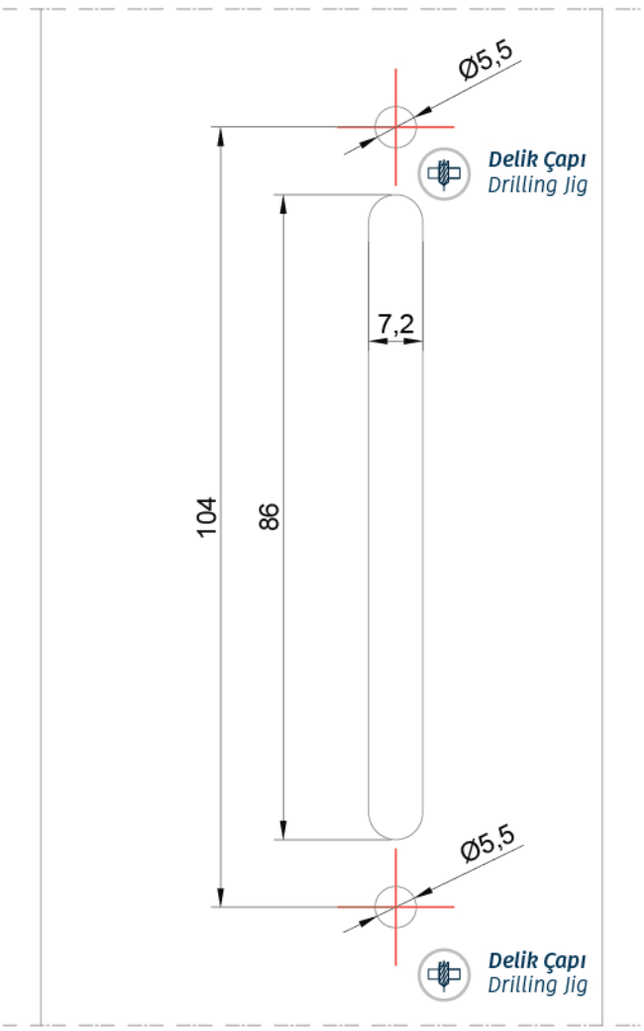
	B7437101	Alüminyum Aluminum	Stac Sirius Secustik Kol (Beyaz) stac sirius secustik handle (white)	LR-3111, LR-3114, LR-3117
	B7437102	Alüminyum Aluminum	Stac Sirius Secustik Kol (Siyah) stac sirius secustik handle (black)	LR-3111, LR-3114, LR-3117
	B7437191	Alüminyum Aluminum	Stac Sirius Secustik Kol (Naturel) stac sirius secustik handle (natural)	LR-3111, LR-3114, LR-3117
	B6227004	Alüminyum Aluminum	Glasse Kora Kol (Beyaz) glasse kora handle (white)	LR-3111, LR-3114, LR-3117
	B6227005	Alüminyum Aluminum	Glasse Kora Kol (Siyah) glasse kora handle (black)	LR-3111, LR-3114, LR-3117
	B6227003	Alüminyum Aluminum	Glasse Kora Kol (Naturel) glasse kora handle (natural)	LR-3111, LR-3114, LR-3117
	B7410105	Alüminyum Aluminum	Hoppe Secustik Kol (Siyah) Hoppe secustik handle (black)	LR-3111, LR-3114, LR-3117
	B7410106	Alüminyum Aluminum	Hoppe Secustik Kol (Naturel) Hoppe secustik handle (natural)	LR-3111, LR-3114, LR-3117
	B741002B	Alüminyum Aluminum	Havuz Arkalık (Beyaz) sliding handle sack (white)	LR-3111, LR-3114, LR-3117
	B741002S	Alüminyum Aluminum	Havuz Arkalık (Siyah) sliding handle sack (black)	LR-3111, LR-3114, LR-3117
	B741002G	Alüminyum Aluminum	Havuz Arkalık (Naturel) sliding handle sack (natural)	LR-3111, LR-3114, LR-3117
	B741002R	Alüminyum Aluminum	Havuz Arkalık (Renkli) sliding handle sack (colored)	LR-3111, LR-3114, LR-3117

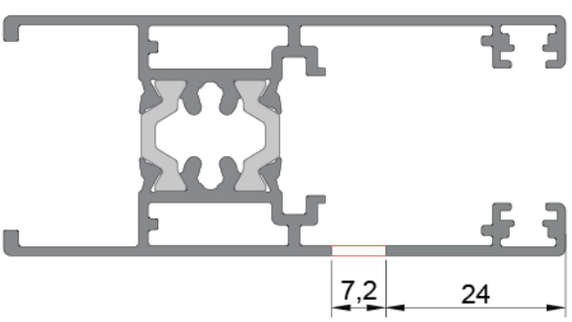
ÖLÇEK: 1:1
SCALE: 1:1



EKSENEL KOL TİJLİ SİSTEM KİLİT DETAYI

ROD INCUDED SYSTEM, AXIAL HANDLE LOCKING DETAILS

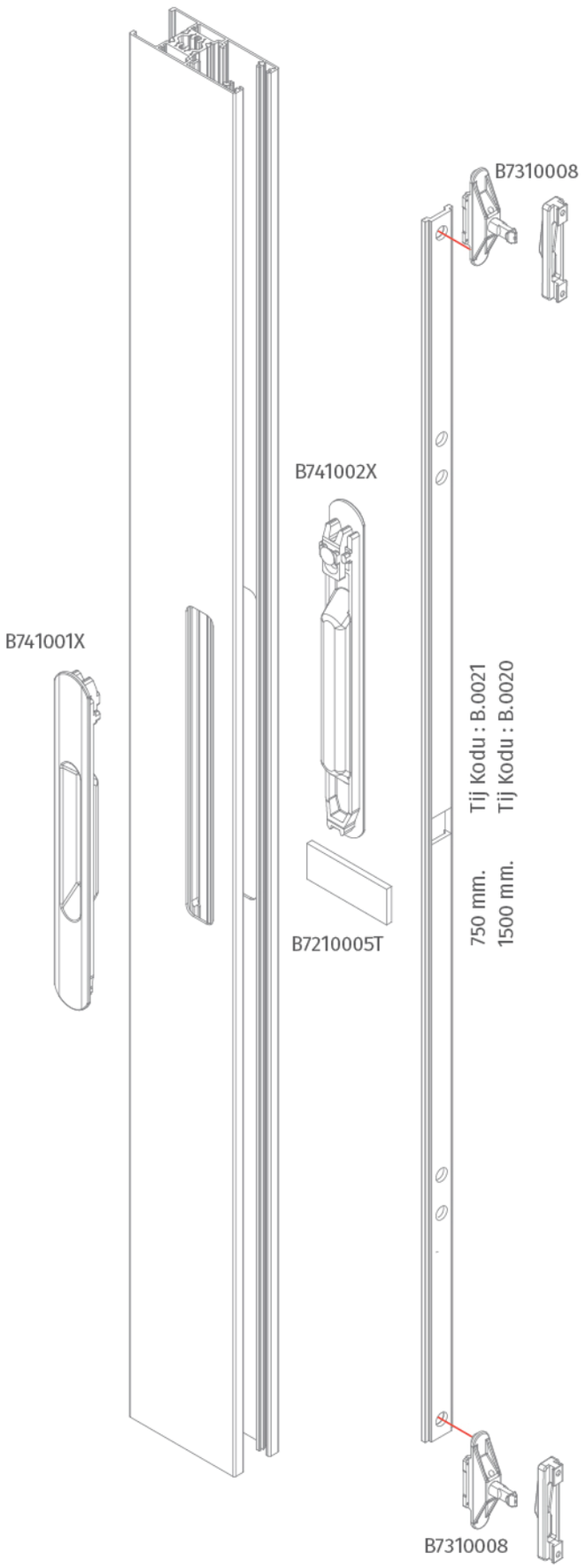


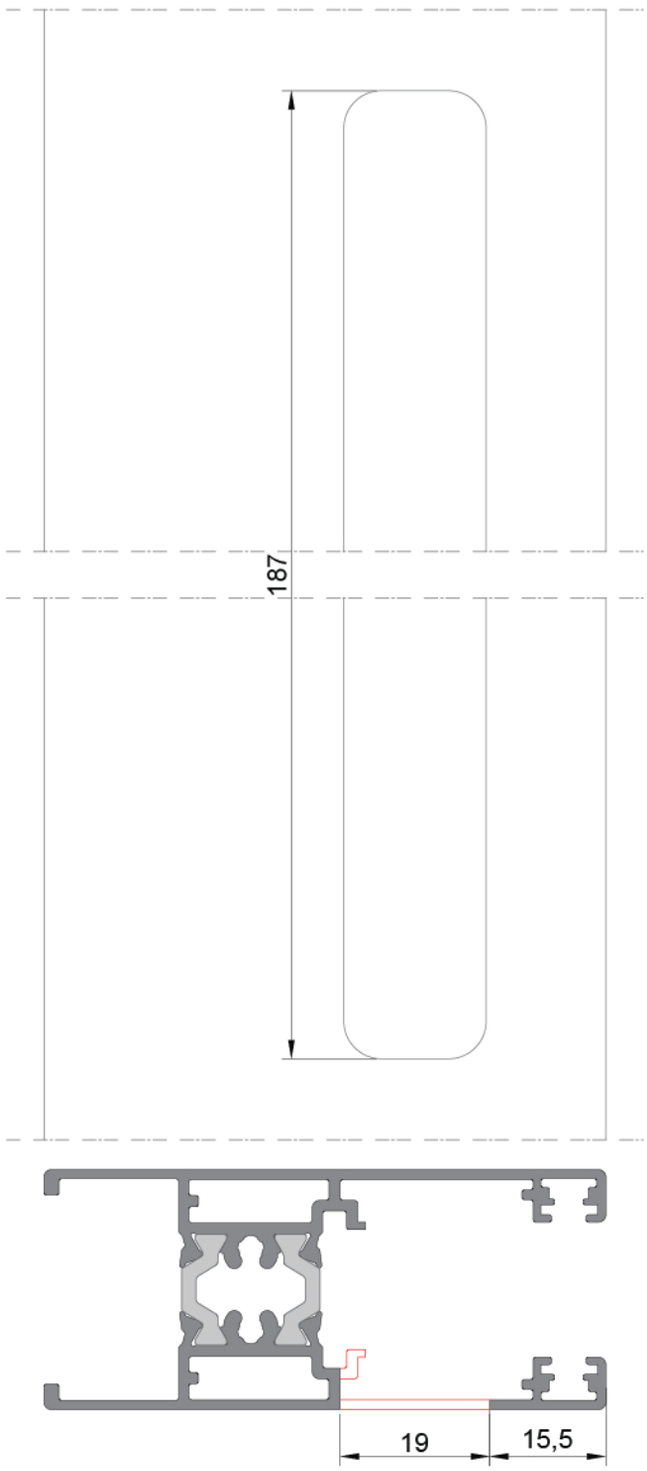


	B7435401	Alüminyum Aluminum	Stac Sirius Eksenel Kol (Beyaz) Stac Sirius Cremone Handle (White)	LR-3111, LR-3114, LR-3117
	B7435402	Alüminyum Aluminum	Stac Sirius Eksenel Kol (Siyah) Stac Sirius Cremone Handle (Black)	LR-3111, LR-3114, LR-3117
	B7435402	Alüminyum Aluminum	Stac Sirius Eksenel Kol (Natural) Stac Sirius Cremone Handle (Nature)	LR-3111, LR-3114, LR-3117
	B74104818	Alüminyum Aluminum	Milano Eksenel Kol (Beyaz) Milano Cremone Handle (White)	LR-3111, LR-3114, LR-3117
	B74104818	Alüminyum Aluminum	Milano Eksenel Kol (Siyah) Milano Cremone Handle (Black)	LR-3111, LR-3114, LR-3117
	B74104818	Alüminyum Aluminum	Milano Eksenel Kol (Natural) Milano Cremone Handle (Nature)	LR-3111, LR-3114, LR-3117
	B74104808	Alüminyum Aluminum	Eksenel Kol (Beyaz) Cremone Handle (White)	LR-3111, LR-3114, LR-3117
	B74104808	Alüminyum Aluminum	Eksenel Kol (Siyah) Cremone Handle (Black)	LR-3111, LR-3114, LR-3117
	B74104808	Alüminyum Aluminum	Eksenel Kol (Natural) Cremone Handle (Nature)	LR-3111, LR-3114, LR-3117
	B741002B	Alüminyum Aluminum	Havuz Arkalık (Beyaz) Sliding Handle Back (White)	LR-3111, LR-3114, LR-3117
	B741002S	Alüminyum Aluminum	Havuz Arkalık (Siyah) Sliding Handle Back (Black)	LR-3111, LR-3114, LR-3117
	B741002G	Alüminyum Aluminum	Havuz Arkalık (Natural) Sliding Handle Back (Natural)	LR-3111, LR-3114, LR-3117
	B741002R	Alüminyum Aluminum	Havuz Arkalık (Renkli) Sliding Handle Back (Colored)	LR-3111, LR-3114, LR-3117

ÖLÇEK: 1:1
SCALE: 1:1

HAVUZ KİLİT TİJLİ SİSTEM KİLİT DETAYI
ROD INCUDED SYSTEM LOCKING DETAILS

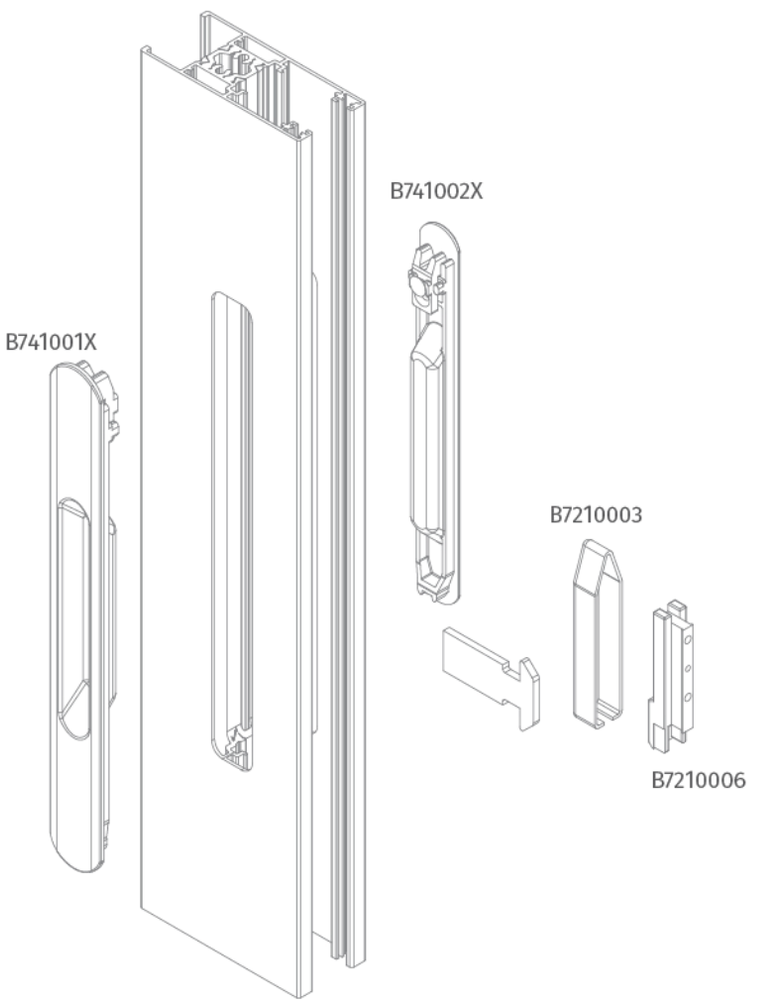


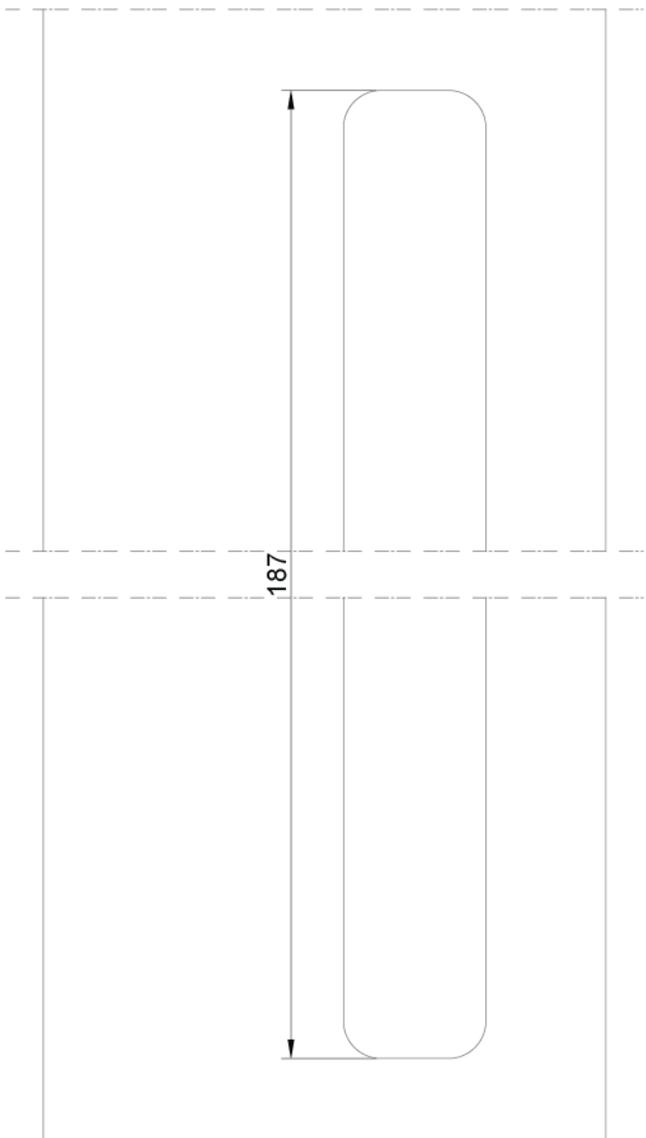


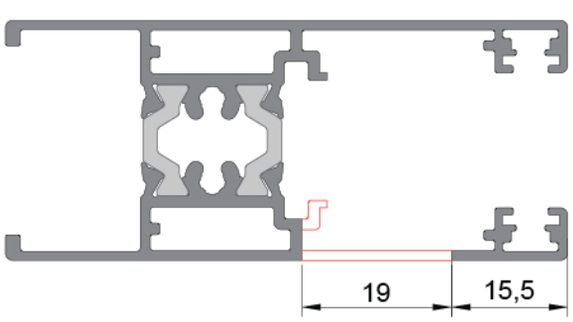
	B741001B	Alüminyum aluminum	Havuz Kilit (Beyaz) Sliding Locking Handle (White)	LR-3111, LR-3114, LR-3117
	B741001S	Alüminyum aluminum	Havuz Kilit (Siyah) Sliding Locking Handle (Black)	LR-3111, LR-3114, LR-3117
	B741001G	Alüminyum aluminum	Havuz Kilit (Natural) Sliding Locking Handle (Natural)	LR-3111, LR-3114, LR-3117
	B741001R	Alüminyum aluminum	Havuz Kilit (Renkli) Sliding Locking Handle (Colored)	LR-3111, LR-3114, LR-3117
	B741002B	Alüminyum aluminum	Havuz Arkalık (Beyaz) Sliding Handle Back (White)	LR-3111, LR-3114, LR-3117
	B741002S	Alüminyum aluminum	Havuz Arkalık (Siyah) Sliding Handle Back (Black)	LR-3111, LR-3114, LR-3117
	B741002G	Alüminyum aluminum	Havuz Arkalık (Natural) Sliding Handle Back (Natural)	LR-3111, LR-3114, LR-3117
	B741002R	Alüminyum aluminum	Havuz Arkalık (Renkli) Sliding Handle Back (Colored)	LR-3111, LR-3114, LR-3117

ÖLÇEK: 1:1
SCALE: 1:1

HAVUZ KİLİT DETAYI
LOCKING DETAILS







	B741001B	Alüminyum Aluminum	Havuz Kilit (Beyaz) Sliding Locking Handle (White)	LR-3111, LR-3114, LR-3117
	B741001S	Alüminyum Aluminum	Havuz Kilit (Siyah) Sliding Locking Handle (Black)	LR-3111, LR-3114, LR-3117
	B741001G	Alüminyum Aluminum	Havuz Kilit (Natural) Sliding Locking Handle (Natural)	LR-3111, LR-3114, LR-3117
	B741001R	Alüminyum Aluminum	Havuz Kilit (Renkli) Sliding Locking Handle (Colored)	LR-3111, LR-3114, LR-3117
	B741002B	Alüminyum Aluminum	Havuz Arkalık (Beyaz) Sliding Handle Back (White)	LR-3111, LR-3114, LR-3117
	B741002S	Alüminyum Aluminum	Havuz Arkalık (Siyah) Sliding Handle Back (Black)	LR-3111, LR-3114, LR-3117
	B741002G	Alüminyum Aluminum	Havuz Arkalık (Natural) Sliding Handle Back (Natural)	LR-3111, LR-3114, LR-3117
	B741002R	Alüminyum Aluminum	Havuz Arkalık (Renkli) Sliding Handle Back (Colored)	LR-3111, LR-3114, LR-3117

ÖLÇEK: 1:1
SCALE: 1:1

LR 3100

YALITIMLI **SÜRME SİSTEM**

INSULATED SLIDING SYSTEM

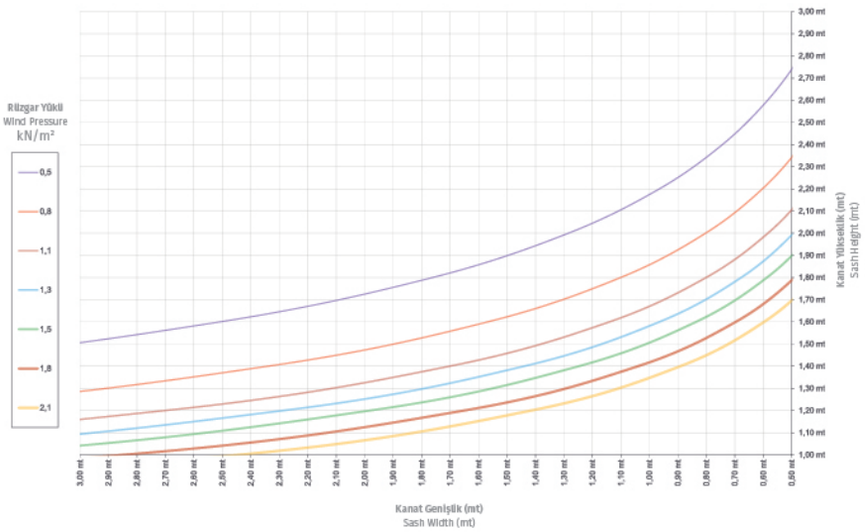
Statik Hesaplamalar/ *Static Calculations*

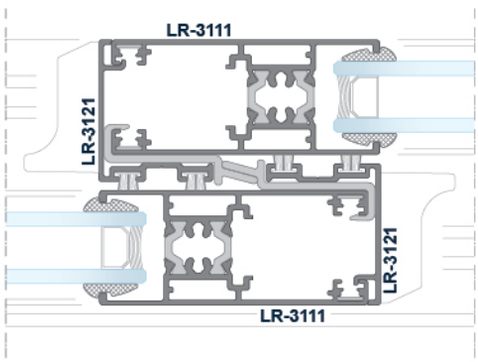
Sehim L/200 olarak yapılmıştır
Calculated as the deflection L/200

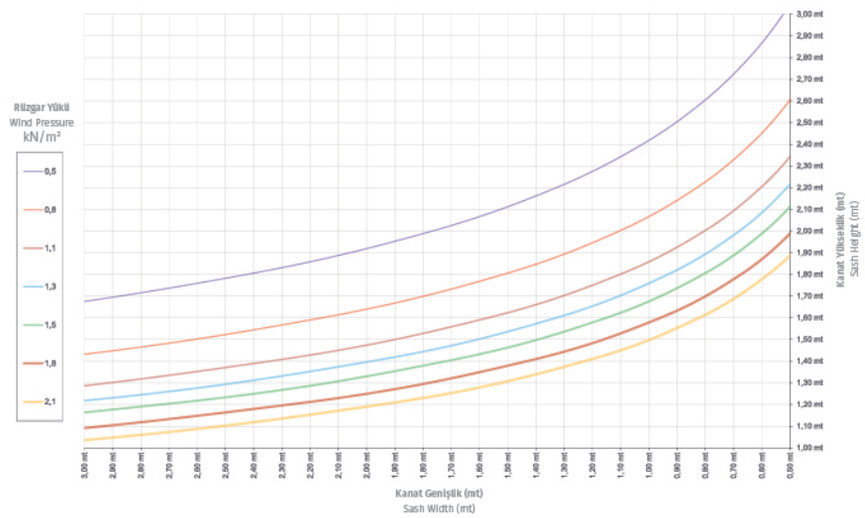
PH **Plastik Hizalama** *Plastic Corner Alignment* | KH **Krom Hizalama** *Chrome Corner Alignment* | DB **Dik Bağlantı** *Transom-Mullion Cleat* | PT **Pres Takoz** *Corner Cleat Profile* | VT **Vidalı Takoz** *Corner Spring* | AK **Adaptör Kapağı** *Adapter Cap*

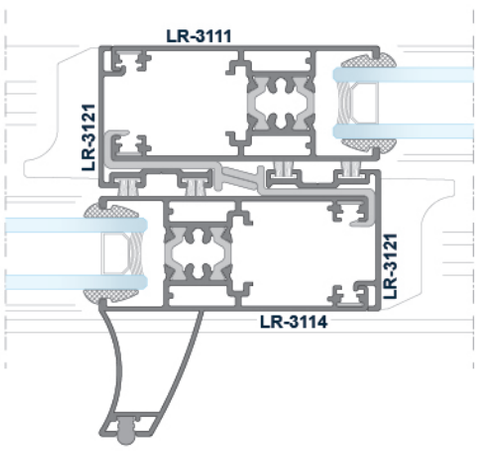
Kertme *Notching* | **Takoz Punch** *Manual Punch* | **Köşe Pres** *Press Tool* | **Testere** *Saw* | **Hızlı Yapıştırıcı** *Adhesive* | **Silikon** *Sealant* | **Falçata** *Curved Knife* | **Tokmak** *Mallet* | **Ambalaj Miktarı** *Packing Unit*

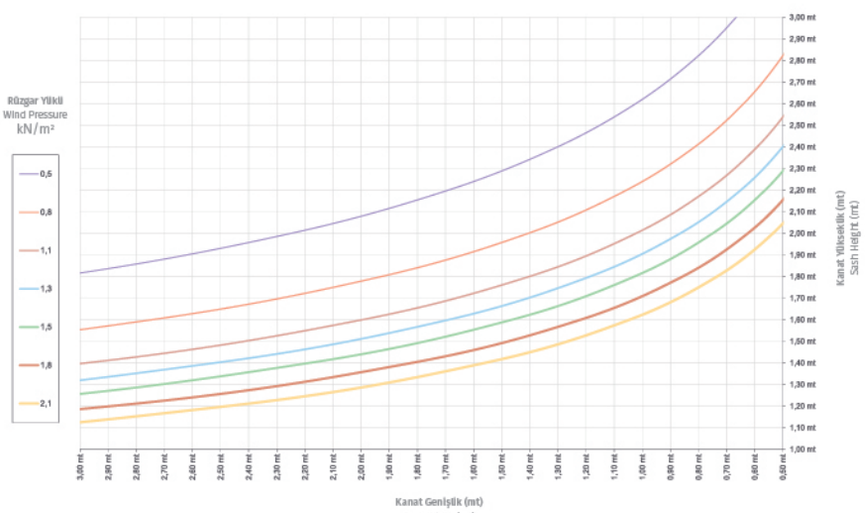
Delik Çapı *Drilling Jig* | **Yalıtım Bantı** *Insulation Tape*

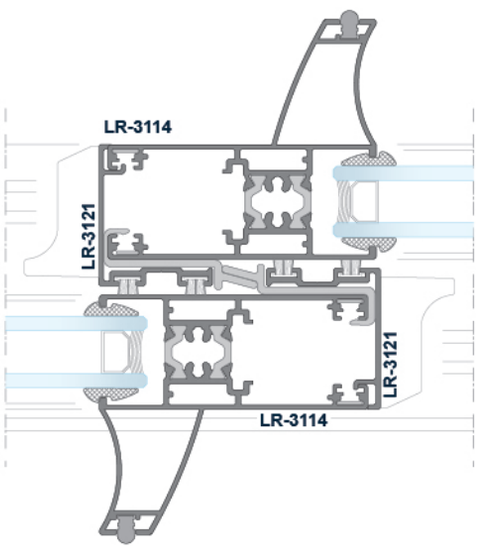

Rüzgar Yükü
Wind Pressure
kN/m²
0,5
0,8
1,1
1,3
1,5
1,8
2,1
Kanat Yüksekliği (mt)
Sash Height (mt)
Kanat Genişlik (mt)
Sash Width (mt)

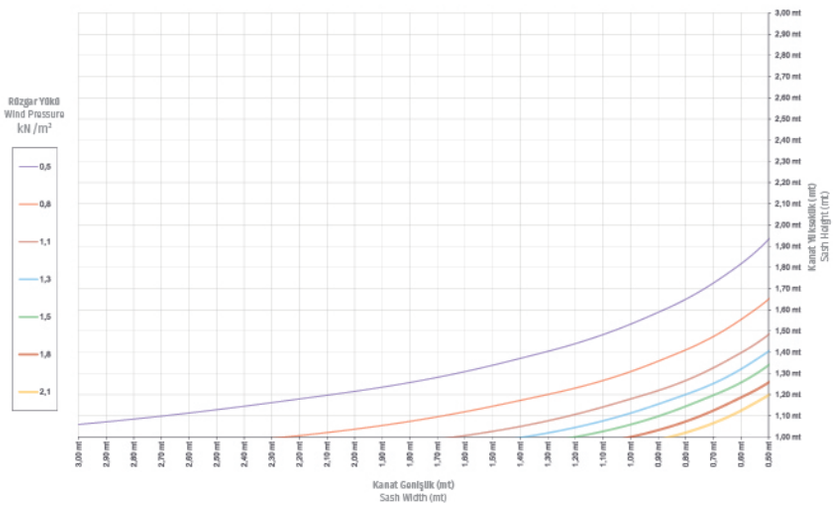

LR-3111
LR-3121
LR-3121
LR-3111

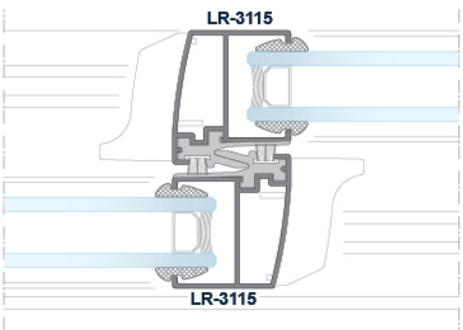

Rüzgar Yükü
Wind Pressure
kN/m²
0,5
0,8
1,1
1,3
1,5
1,8
2,1
Kanat Yüksekliği (mt)
Sash Height (mt)
Kanat Genişlik (mt)
Sash Width (mt)

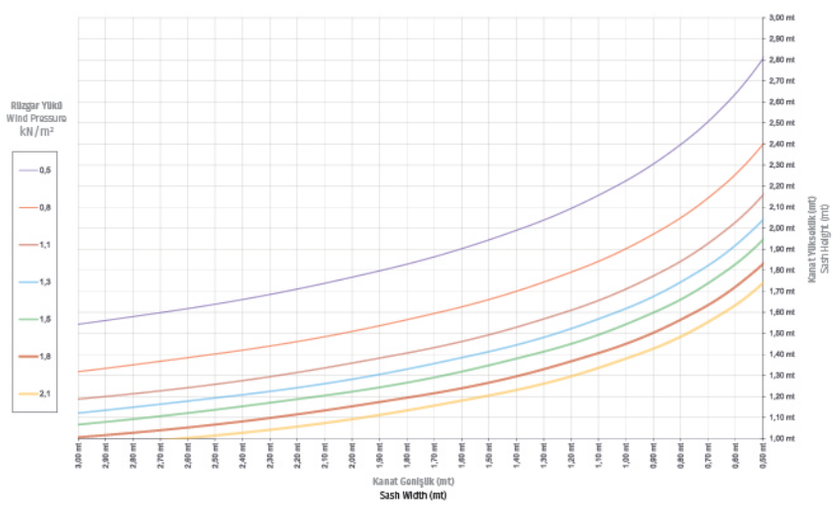

LR-3111
LR-3121
LR-3121
LR-3114

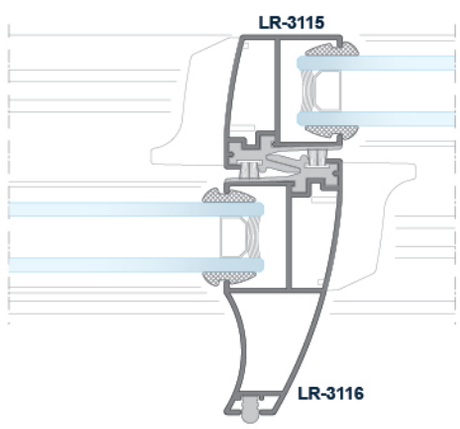

Rüzgar Yükü
Wind Pressure
kN/m²
0,5
0,8
1,1
1,3
1,5
1,8
2,1
Kanat Yüksekliği (mt)
Sash Height (mt)
Kanat Genişlik (mt)
Sash Width (mt)

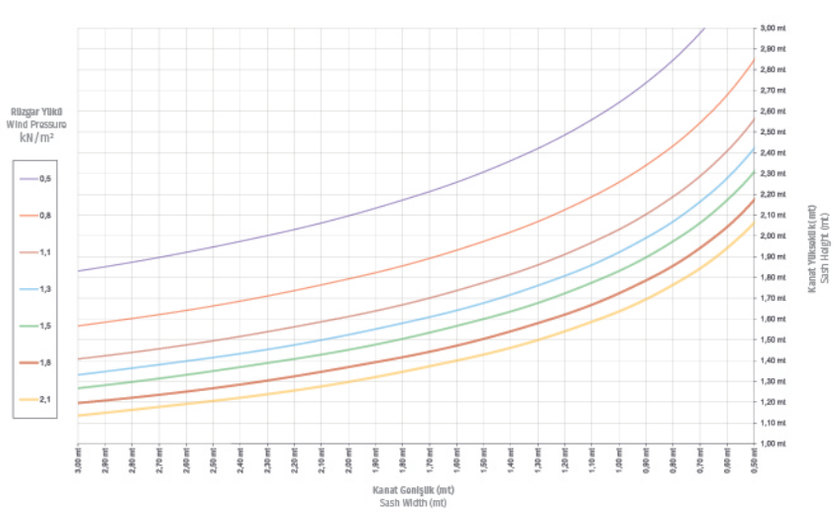

LR-3114
LR-3121
LR-3121
LR-3114

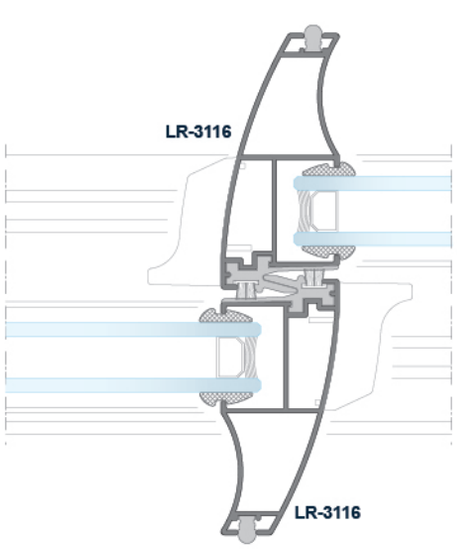

Rüzgar Yükü
Wind Pressure
kN/m²
0,5
0,8
1,1
1,3
1,5
1,8
2,1
Kanat Yüksekliği (mt)
Sash Height (mt)
Kanat Genişlik (mt)
Sash Width (mt)

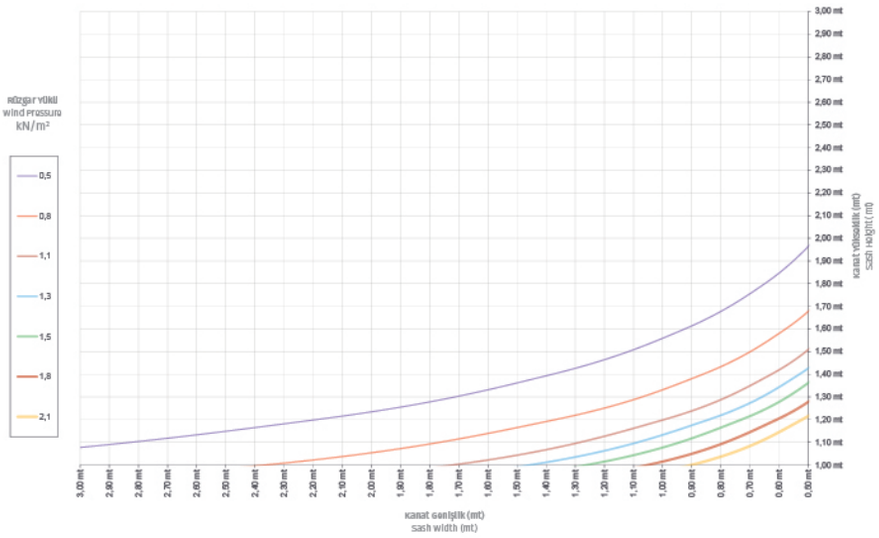

LR-3115
LR-3115

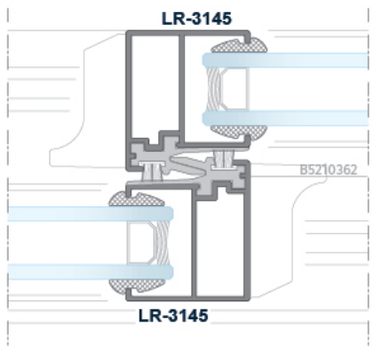

Rüzgar Yükü
Wind Pressure
kN/m²
0,5
0,8
1,1
1,3
1,5
1,8
2,1
Kanat Yüksekliği (mt)
Sash Height (mt)
Kanat Genişlik (mt)
Sash Width (mt)

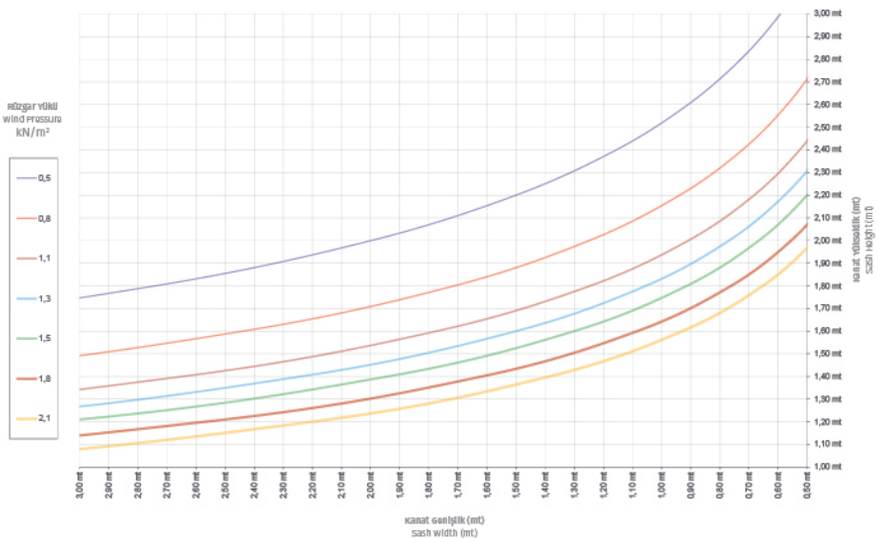

LR-3115
LR-3116

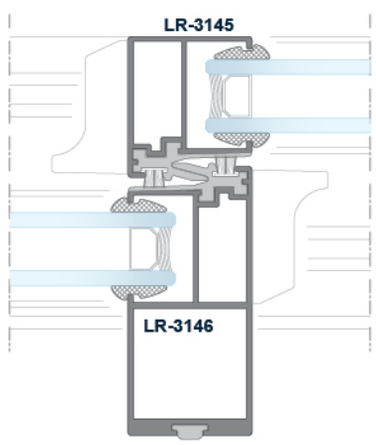

Rüzgar Yükü
Wind Pressure
kN/m²
0,5
0,8
1,1
1,3
1,5
1,8
2,1
Kanat Yüksekliği (mt)
Sash Height (mt)
Kanat Genişlik (mt)
Sash Width (mt)

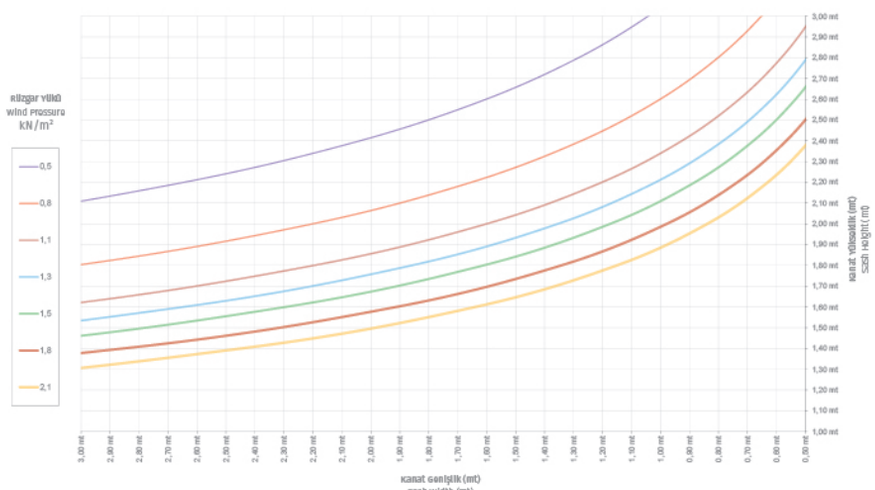

LR-3116
LR-3116

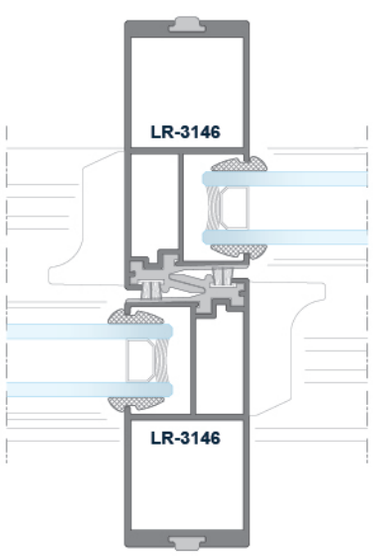

Rüzgar yükü
wind pressure
kN/m²
0,5
0,8
1,1
1,3
1,5
1,8
2,1
kanat yüksekliği (mt)
sash height (mt)
kanat genişlik (mt)
sash width (mt)

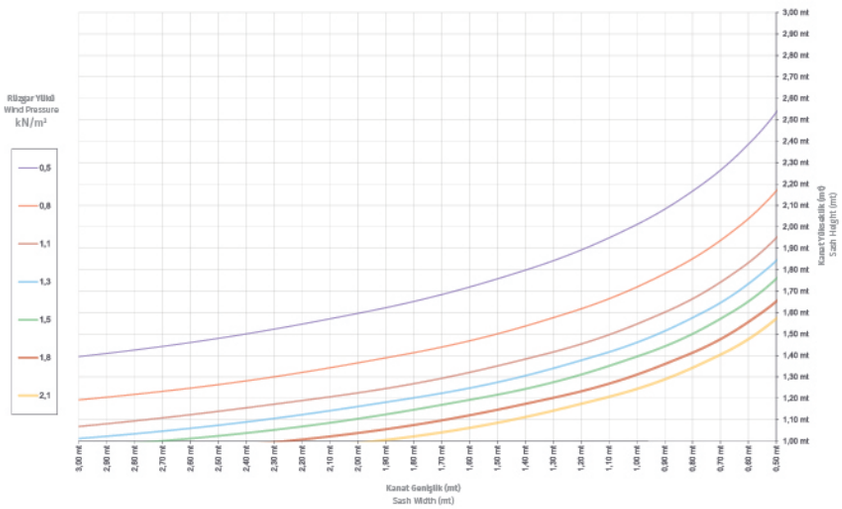

LR-3145
B5210362
LR-3145

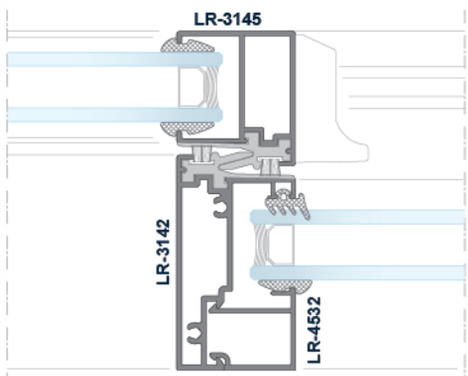

Rüzgar yükü
wind pressure
kN/m²
0,5
0,8
1,1
1,3
1,5
1,8
2,1
kanat yüksekliği (mt)
sash height (mt)
kanat genişlik (mt)
sash width (mt)

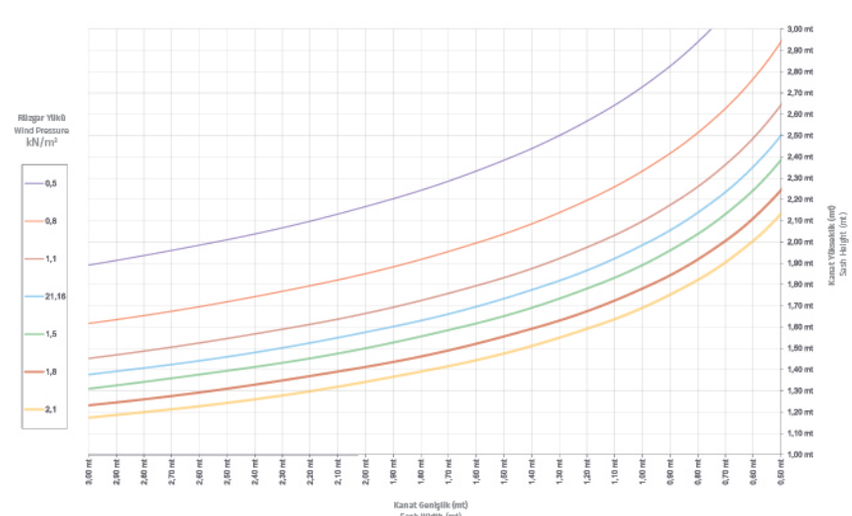

LR-3145
LR-3146

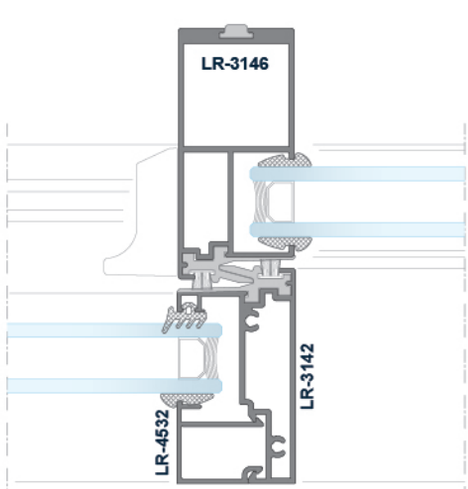

Rüzgar yükü
wind pressure
kN/m²
0,5
0,8
1,1
1,3
1,5
1,8
2,1
kanat yüksekliği (mt)
sash height (mt)
kanat genişlik (mt)
sash width (mt)

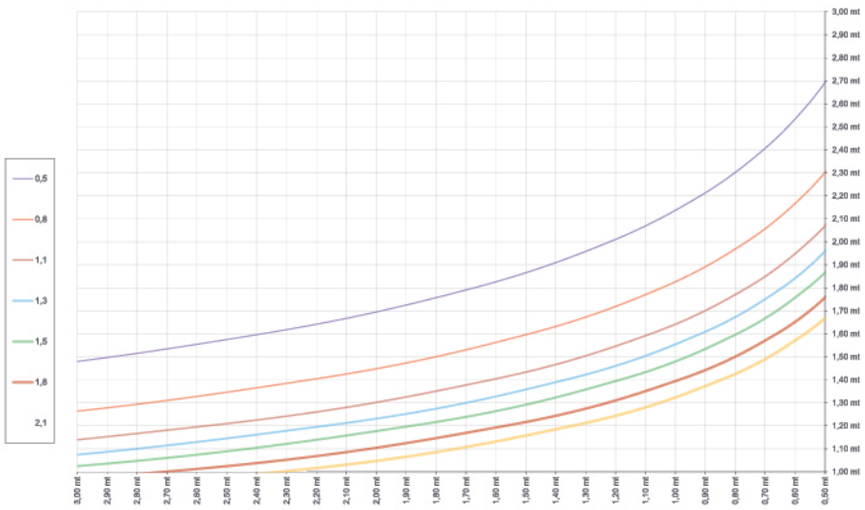

LR-3146
LR-3146

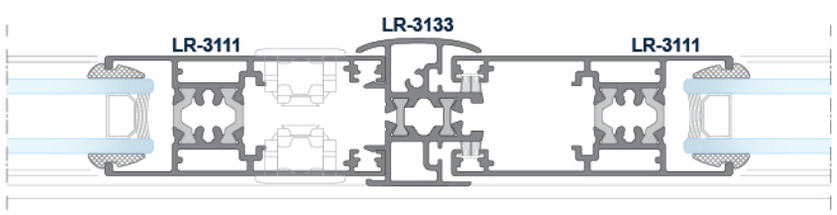

Rüzgar Yükü
Wind Pressure
kN/m²
0,5
0,8
1,1
1,3
1,5
1,8
2,1
Kanat Yüksekliği (mt)
Sash Height (mt)
Kanat Genişlik (mt)
Sash Width (mt)


LR-3145
LR-3142
LR-4532


Rüzgar Yükü
Wind Pressure
kN/m²
0,5
0,8
1,1
21,16
1,5
1,8
2,1
Kanat Yüksekliği (mt)
Sash Height (mt)
Kanat Genişlik (mt)
Sash Width (mt)


LR-3146
LR-3142
LR-4532


0,5
0,8
1,1
1,3
1,5
1,8
2,1
3,00 mt
2,90 mt
2,80 mt
2,70 mt
2,60 mt
2,50 mt
2,40 mt
2,30 mt
2,20 mt
2,10 mt
2,00 mt
1,90 mt
1,80 mt
1,70 mt
1,60 mt
1,50 mt
1,40 mt
1,30 mt
1,20 mt
1,10 mt
1,00 mt
0,90 mt
0,80 mt
0,70 mt
0,60 mt
0,50 mt


LR-3111
LR-3133
LR-3111

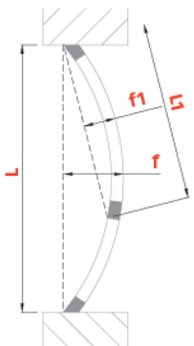
Hesaplarda Sehim Kabulü:

Tek Camlarda;

Mesnet Açıklığı	Müsade Edilen Sehim
L < 3,0 m	f=L/200
L > 3,0 m	f=L/300

Çift Camlarda Ara Kayıt Yoksa;

Mesnet Açıklığı	Müsade Edilen Sehim
L > 3,0 m	f=max 0,8 cm
L < 2,0 m	f=L/200



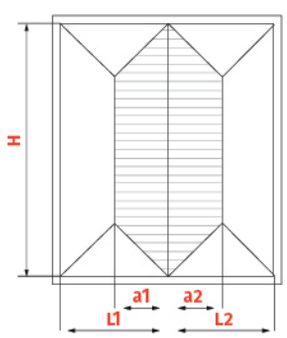
Ara Kayıt Varsa;

Camların boyları L1 ise;

Mesnet Açıklığı	Müsade Edilen Sehim
L < 2,40 m	f1 < L1/200
L > 2,40 m	f1 < 0,80 cm

Profillerin boyları L1 ise;

Mesnet Açıklığı	Müsade Edilen Sehim
L < 3,00 m	f1 < L/200
L > 3,00 m	f1 < L/300



$$J_x = \frac{W.a.H^4}{1920.E f\,max.} .10^5. \left[25\text{-}40. \frac{a^2}{H^2} + 16. \frac{a^4}{H^4} \right]$$

L1	Sol rüzgar yükü alanı genişliği / Width of field left (m.)
L2	Sağ rüzgar yükü alanı genişliği / Width of field right (m.)
a1	Sol yükleme genişliği / Width of loading left (m.)
a2	Sağ yükleme genişliği / Width of loading right (m.)
H	Hesap açıklığı / Height of position (m.)
E	Elastisite modülü / Elasticity modulus (Kg/cm^2)
fmax	Max. Sehim / Deflection (cm.)
W	Rüzgar Yükü / Wind loading (Kg/cm^2)

DIN 1055, TS 498

Yapı Yüksekliği Building Height	Rüzgar Hızı Wind Velocity		Rüzgar Yükü Wind Load
mt.	m/s	km/h	KN/m^2
0-8.	28,8	103,2	0,5
8-20	35,8	128,2	0,8
20-100	42,0	151,2	1,1
≥ 100	45,6	164,2	1,3

LR 3100

YALITIMLI **SÜRME SİSTEM**

INSULATED SLIDING SYSTEM

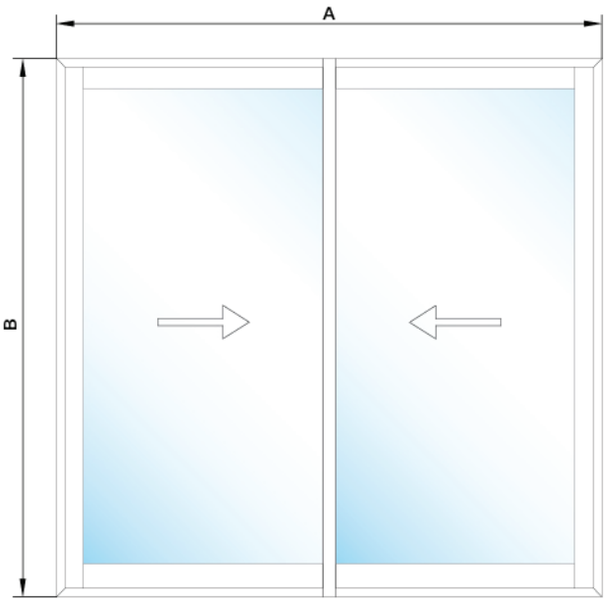
Termal Bilgiler / *Thermal Information*

PH **Plastik Hizalama** *Plastic Corner Alignment* | KH **Krom Hizalama** *Chrome Corner Alignment* | DB **Dik Bağlantı** *Transom-Mullion Cleat* | PT **Pres Takoz** *Corner Cleat Profile* | VT **Vidalı Takoz** *Corner Spring* | AK **Adaptör Kapağı** *Adapter Cap*

Kertme *Notching* | **Takoz Punch** *Manual Punch* | **Köşe Pres** *Press Tool* | **Testere** *Saw* | **Hızlı Yapıştırıcı** *Adhesive* | **Silikon** *Sealant* | **Falçata** *Curved Knife* | **Tokmak** *Mallet* | **Ambalaj Miktarı** *Packing Unit*

Delik Çapı *Drilling Jig* | **Yalıtım Bantı** *Insulation Tape*

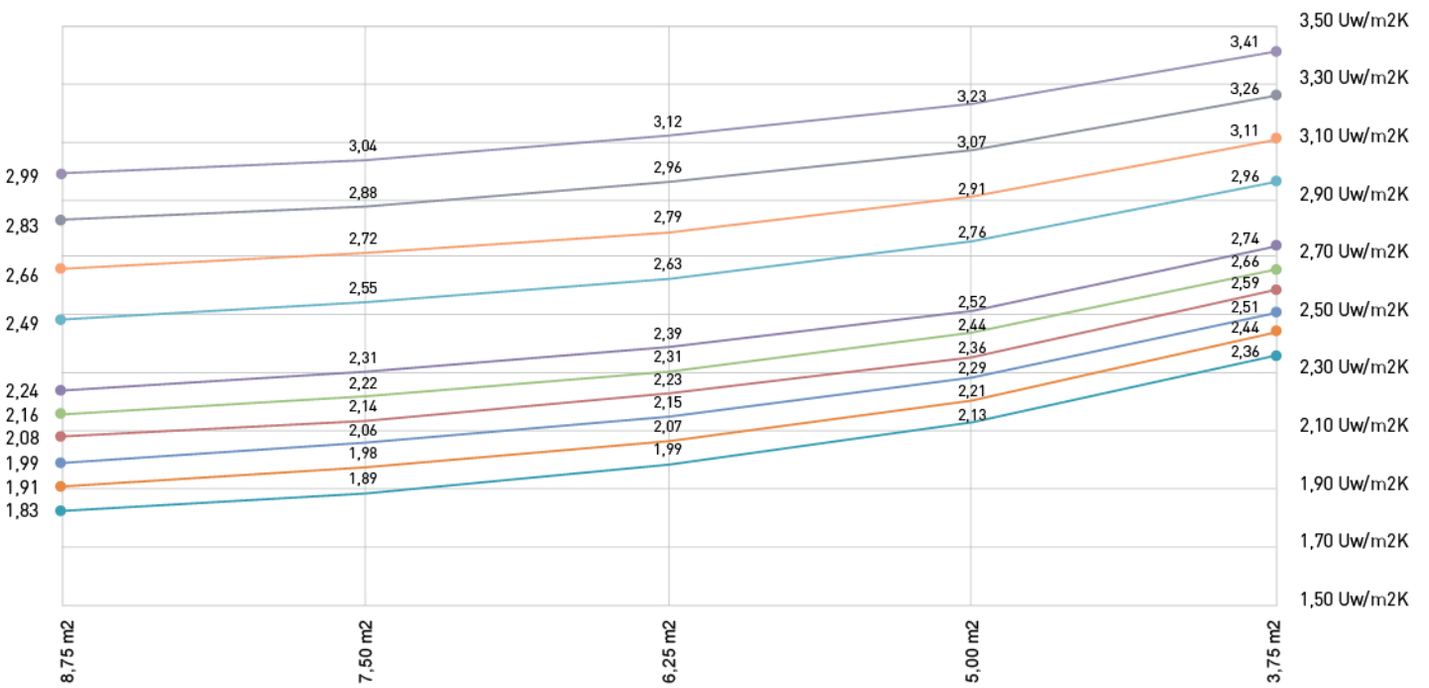
Isı Geçirgenlik Şeması
Thermal Isolation



Termal Hesap Koşulları Thermal Calculation Conditions	
Dış Ortam Sıcaklığı Outer Temperature	0°C
İç Ortam Sıcaklığı Inside Temperature	+20°C
Bağıl Nem Relative Humidity	%50
Yoğuşma Noktası Condensation Point	+9,3°C

Uf Aralığı : 4,27 - 11,4 W/(m².K)

Uf Interval : 4,27 - 11,4 W/(m².K)



Ünite Toplam Alanı
Total Area Unit

LINEA ROSSA®

just a line

DESIGNED by

LINEA ROSSA®

LR 3100

YALITIMLI SÜRME SİSTEM

Insulated sliding system

BEYMETAL ALÜMİNYUM

www.beymetal.com.tr

BEYMETAL ALÜMİNYUM SAN. ve TİC. LTD. ŞTİ.

KEMALPAŞA OSB. MAH. 21 SOK. NO: 5/1 **KEMALPAŞA / İZMİR**
TEL: 0.(232) 877 21 14 **FAX:** 0.(232) 877 03 39

Mersis No: 0167 0087 2320 0017
Kemalpaşa VD. 1670087232

V05/23