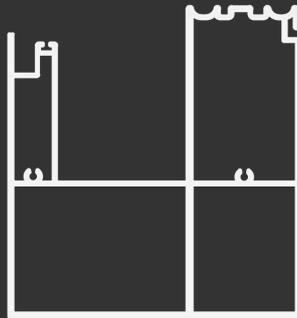
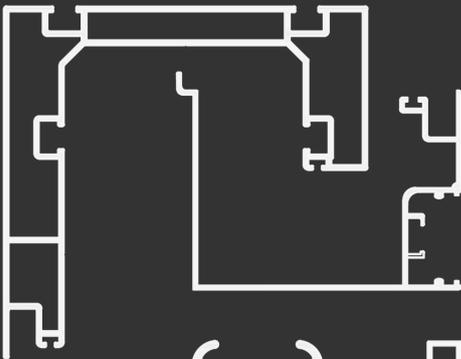
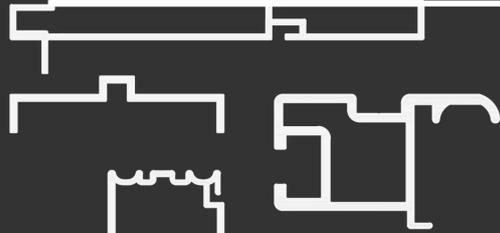
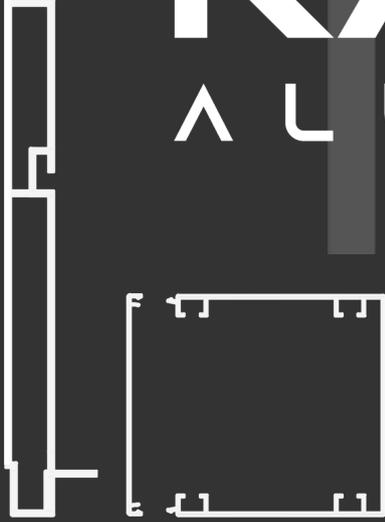


KATALOG / CATALOG

KAYRA

ALUMİNYUM

BİOKLİMATİK
/BIOCLIMATIC



www.kayraaluminyum.com



KAYRAB
ALUMINYUM

HAKKIMIZDA

ABOUT US

VİZYON

Kayrab Alüminyum, yenilikçi yaklaşımı, teknolojiye entegre üretim süreçleri ve güçlü mühendislik altyapısı ile sektörde öncü ve tercih edilen bir marka olmayı hedeflemektedir. Ulusal ve uluslararası pazarda rekabet gücünü artırarak, kalite, güven ve sürdürülebilirlik ilkeleri doğrultusunda kalıcı değerler oluşturmayı vizyon olarak benimsemektedir.

Kayrab Aluminium seeks to become a leading and preferred brand in the sector with its innovative approach, technology-integrated production processes, and robust engineering infrastructure. It embraces the vision of creating lasting value in both domestic and international markets by adhering to the principles of quality, trust, and sustainability.

Kayrab Alüminyum, 2006 yılında faaliyetlerine başlamış olup, hareketli cam sistemleri imalatı alanında uzmanlaşarak sektörün önde gelen firmalarından biri haline gelmiştir. Kurulduğu günden bu yana ürün çeşitliliğini sürekli artırarak, geniş bir hizmet yelpazesi ve gelişime açık yapısıyla faaliyetlerini sürdürmektedir.

Firmanın geliştirdiği ve patenti kendisine ait olan "Temizlenebilir Giyotin Sistemleri" başta olmak üzere, tüm sistemler kendi Ar-Ge çalışmaları sonucunda tasarlanmakta ve uygulanmaktadır. Kayrab Alüminyum, üretimin her aşamasını kendi bünyesinde, tam donanımlı tesislerinde gerçekleştirmekte; kalite ve kontrol süreçlerini titizlikle yönetmektedir.

İmalat serüvenine küçük ölçekli bir atölyede başlayan Kayrab Alüminyum, bugün yüksek üretim kapasitesine ve ileri teknolojiye sahip entegre bir yapıya ulaşmıştır. Firma, yıllar içerisinde edindiği bilgi birikimi, deneyim ve teknik uzmanlıkla sektörde sürdürülebilir bir büyüme modeli benimsemiş; her geçen gün kendini yenileyerek ilerlemeye devam etmiştir.

Kayrab Alüminyum, yalnızca yurt içinde değil, yurt dışında da aktif olarak faaliyet göstermektedir. Mevcut ihracat faaliyetlerini daha üst seviyelere taşımak ve Türkiye'yi uluslararası platformlarda başarıyla temsil etmek amacıyla çalışmalarını kararlılıkla sürdürmektedir.

ABOUT US

Kayrab Alüminyum commenced its operations in 2006 and has since become one of the leading companies in the field of movable glass systems manufacturing. Since its establishment, the company has continuously expanded its product range and maintained a dynamic structure focused on growth and innovation.

All systems used by the company, including the patented "Cleanable Guillotine Systems," have been developed entirely in-house as a result of dedicated R&D efforts. Kayrab Alüminyum carries out every stage of the production process within its own fully equipped facilities, ensuring rigorous quality control at every step.

Starting its manufacturing journey in a small-scale workshop, Kayrab Alüminyum has evolved into an integrated enterprise with high production capacity and advanced technological infrastructure. Through years of accumulated knowledge, experience, and technical expertise, the company has adopted a sustainable growth model and continues to progress by constantly renewing itself.

In addition to its domestic achievements, Kayrab Alüminyum actively operates in international markets. The company is committed to further expanding its export activities and representing Turkey on global platforms with determination and professionalism.

MİSYON

Kayrab Alüminyum, yapı sektöründe alüminyum doğrama, cephe sistemleri ve cam balkon alanlarında kaliteli, güvenilir ve sürdürülebilir çözümler sunmayı amaçlamaktadır. Faaliyetlerinde müşteri memnuniyetini esas alarak, modern üretim teknikleri ve uzman kadrosu ile estetik, fonksiyonel ve uzun ömürlü uygulamalar gerçekleştirmeyi misyon edinmiştir.

Kayrab Aluminium aims to provide high-quality, reliable, and sustainable solutions in the fields of aluminium joinery, façade systems, and glass balcony applications within the construction industry. With a strong focus on customer satisfaction, the company is committed to delivering aesthetic, functional, and long-lasting applications through modern production techniques and a skilled professional team.

02 HAKKIMIZDA
/ ABOUT US

04 TEKNİK ÖZELLİKLER VE DETAYLAR
/ SPECIFICATIONS AND DETAILS

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/ PRODUCT DETAILS AND DRAWINGS

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İÇİNDEKİLER

CONTENTS

BİOKLİMATİK SİSTEM

BIOCLIMATIC SYSTEM



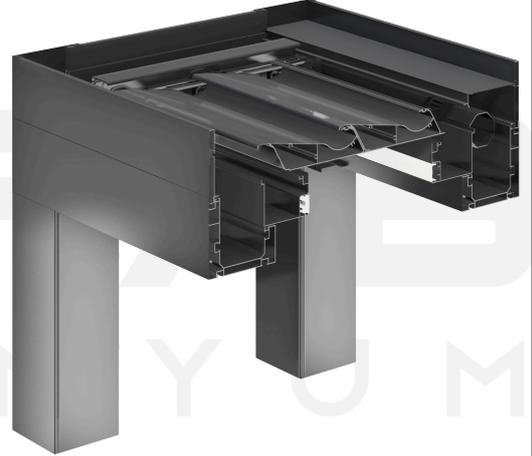
AÇILIM OPENING



DETAY

DETAILS

- Elektrostatik toz boyalı alüminyum yüzeyler uzun ömürlü ve korozyona dayanıklıdır. Lineer motorlu lineer raylı sistem, panellerin sessiz ve hassas hareketini sağlar.
- Yalıtımlı paneller ısı ve ses konforu sağlarken, entegre LED aydınlatma estetik bir görünüm kazandırır.
- 4,5 m üzeri açıklıklarda orta taşıyıcı profil gereklidir.
- Electrostatically powder-coated aluminum surfaces offer long-lasting durability and corrosion resistance.
- The linear motorized, linear rail system ensures smooth and quiet panel movement.
- Insulated panels provide thermal and acoustic comfort, while integrated LED lighting adds an elegant appearance.
- For spans over 4,5 meters, a central support profile is required.



- 65°'ye kadar açılabilen paneller, güneş kontrolü ve doğal havalandırma imkânı sağlar.
- Sistem, Kayrab Alüminyum'un sistemleriyle (giyotin, sürme, katlanır cam vb.) çözümleriyle tam uyumludur.
- Panels that can open up to 65° provide effective sun control and natural ventilation.
- The system is fully compatible with Kayrab Aluminum's systems (guillotine, sliding, folding glass, etc.) solutions.

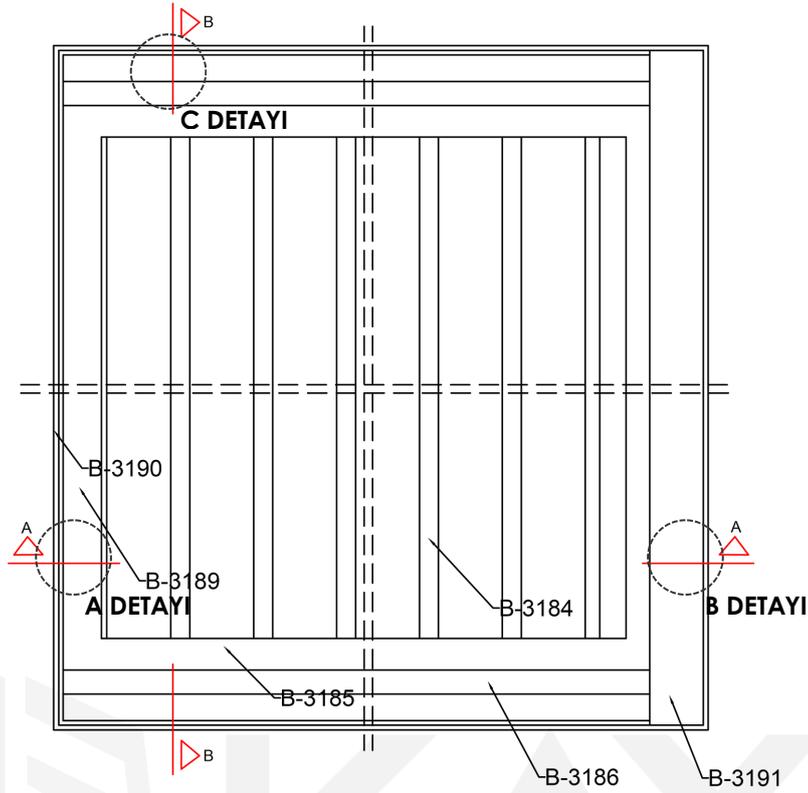


TEKNİK ÖZELLİKLER VE DETAYLAR / TECHNICAL SPECIFICATIONS AND DETAILS

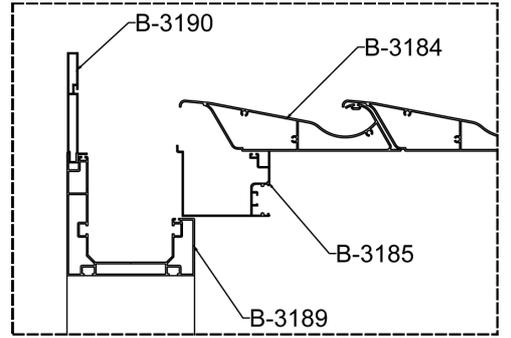
ÖZELLİK	AÇIKLAMA
Profil ve Aksesuar	12 adet alüminyum profilden ve aksesuar kitinden oluşur
Yüzey Kaplama	Elektrostatik toz boya
Hareket Mekanizması	Lineer motorlu, lineer raylı sistem
Sızdırmazlık	Conta, fırça ve özel sızdırmazlık profilleri ile yüksek rüzgar ve su dayanımı
Renk Seçenekleri	RAL Kataloğu renkleri / Özel renk seçenekleri
Dayanıklılık	UV ışınlarına, neme ve korozyona karşı yüksek direnç
Sistem Açılımı	Maksimum değeri: 8 m
Sistem Genişliği	Maksimum değeri: 7 m
Sistem Ağırlığı	29 kg/m ²
Taşıyıcı	Genişliği 4,5 m üzeri olan sistemler için orta taşıyıcı profil gereksinimi
Yalıtım	Yalıtım dolgulu panel ile ısı ve ses yalıtımı
İklimlendirme	Güneşlenme, havalandırma ve tam izolasyon modları
Kullanım Alanları	Bahçeler, siteler, villalar, endüstriyel alanlar, kamusal alanlar, teraslar
FEATURE	DESCRIPTION
Profile & Accessories	Consists of 12 aluminum profiles and an accessory kit
Surface Coating	Electrostatic powder coating
Movement Mechanism	Linear motorized; linear rail system
Sealing	High wind and water resistance with silicone gasket, brush, and special sealing profiles
Color Options	RAL chart colors / Wood pattern coating / Custom color options
Durability	High resistance to UV rays, moisture, and corrosion
System Opening Width	Maximum value: 8 m
System Width	Maximum value: 7 m
System Weight	29 kg/m ²
Support	For systems with a span width exceeding 4,5 m, a central support profile is required.
Insulation	Thermal and acoustic insulation provided by an insulated panel.
Climate Control	Sunlight, ventilation, and full isolation modes.
Application Areas	Gardens, residential complexes, villas, industrial areas, public buildings, terraces

BİOKLİMATİK SİSTEM

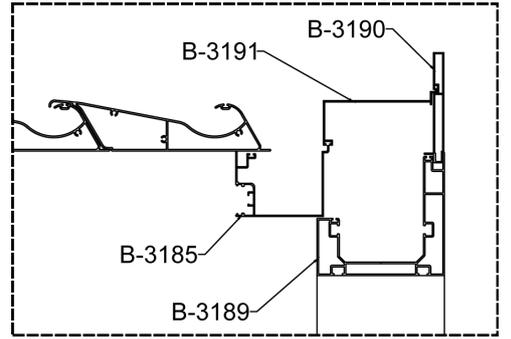
BIOCLIMATIC SYSTEM



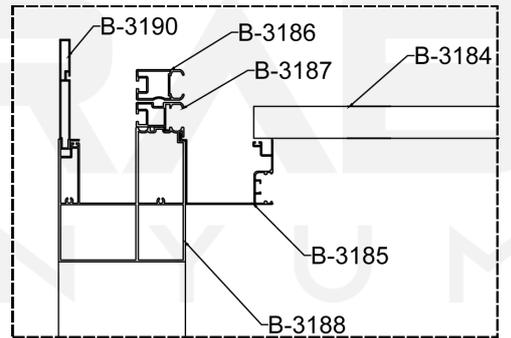
PLAN



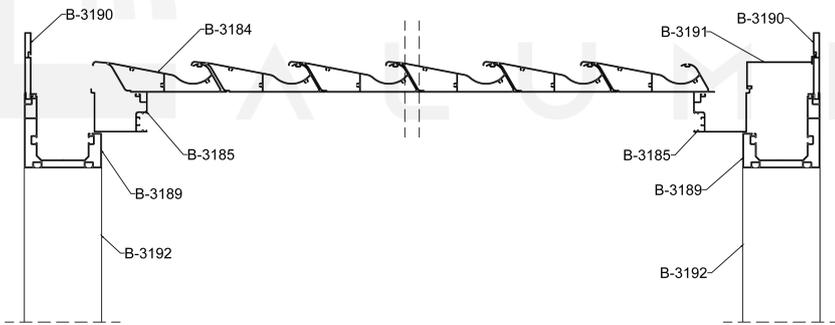
A DETAYI



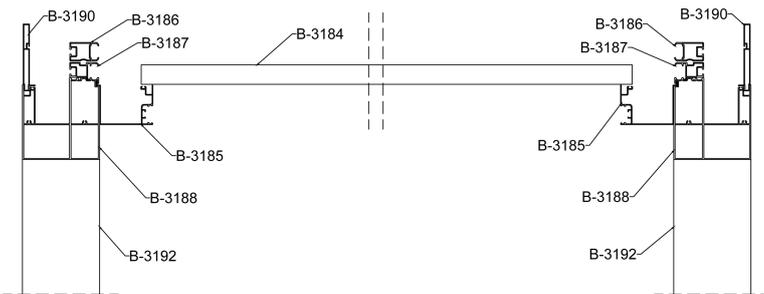
B DETAYI



C DETAYI



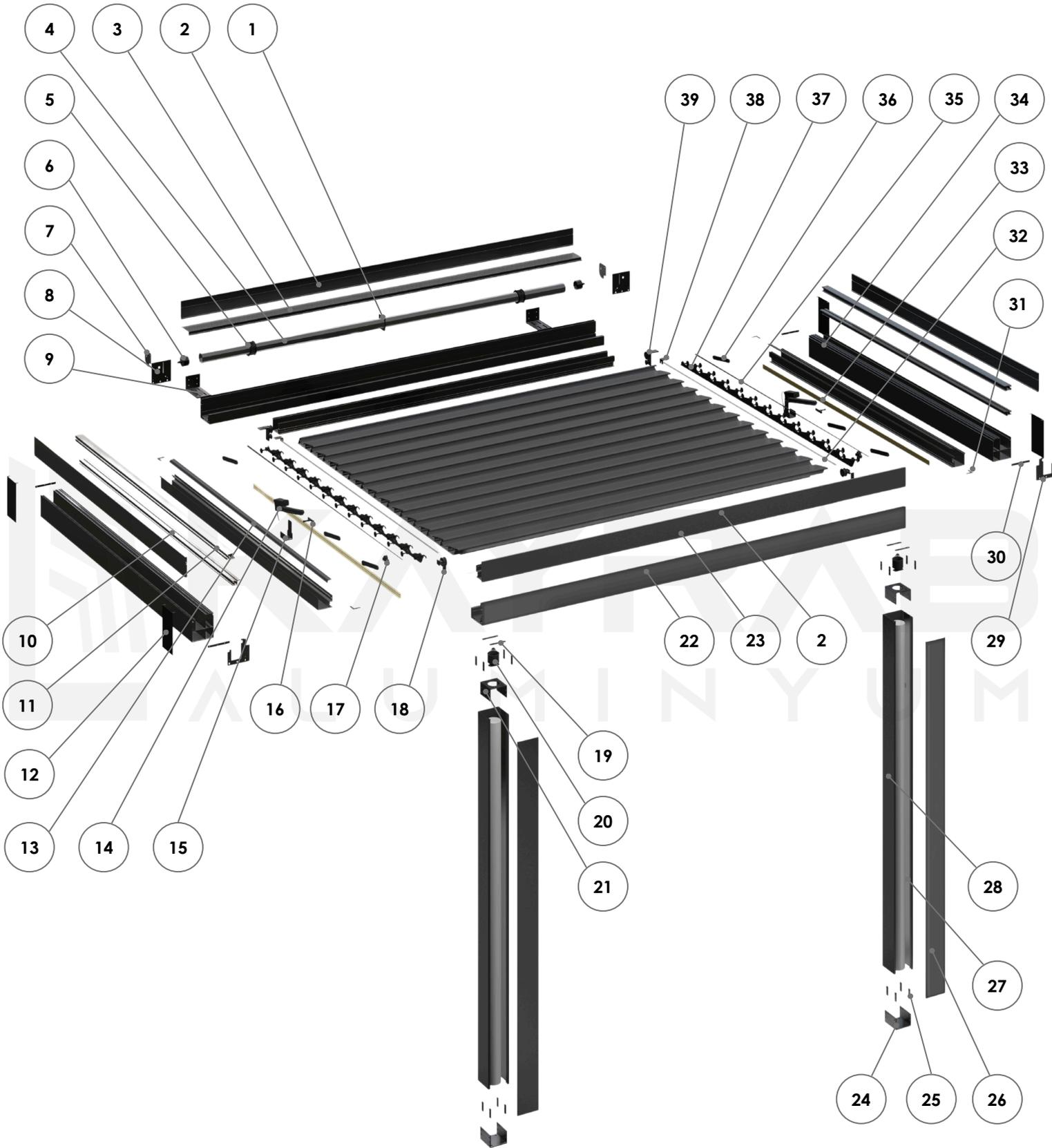
A-A KESİTİ



B-B KESİTİ

PROFİL KODU	TEKNİK ÇİZİM	PROFİL KODU	TEKNİK ÇİZİM
PANEL PROFİLİ B - 3184		BÜYÜK RAY PROFİLİ B - 3188	
KÜÇÜK RAY PROFİLİ B - 3186		KÜÇÜK RAY ALTI PROFİLİ B - 3187	
BÜYÜK ÇUKUK PROFİLİ B - 3189		RAY-ÇUKUK KAPAK PROFİLİ B - 3190	
U LED PROFİLİ B - 3185		AYAK PROFİLİ B - 3192	
AYAK KAPAK PROFİLİ B - 3193		MOTOR KAPAK PROFİLİ B - 3191	
ORTA TAŞIYICI PROFİLİ B - 6569		RAY BAĞLANTI PROFİLİ B - 3533	

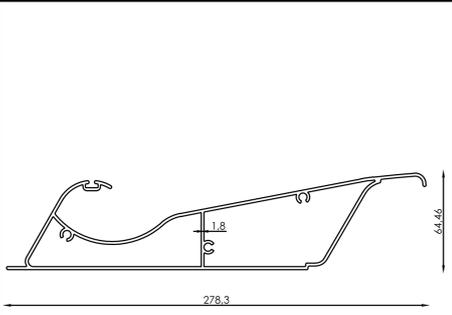
PATLATILMIŞ SİSTEM DETAYLARI /EXPLODED SYSTEM DETAILS



PATLATILMIŞ SİSTEM DETAYLARI /EXPLODED SYSTEM DETAILS

ÖGE NO	ÜRÜN KODU	TANIM	ITEM	PRODUCT CODE	DESCRIPTION
1	BİO - 023	ORTA TAMBUR TUTUCU	1	BİO - 023	CENTER DRUM HOLDER
2	B - 3190	RAY-OLUK KAPAK PROFİLİ	2	B - 3190	RAIL GUTTER COVER PROFILE
3	B - 3191	MOTOR KAPAK PROFİLİ	3	B - 3191	MOTOR COVER PROFILE
4	SKZ.01	70'LİK SEKİZGEN BORU	4	SKZ.01	Ø70 OCTAGONAL TUBE
5	BİO - 018	PLASTİK DİŞLİ	5	BİO - 018	PLASTIC GEAR
6	BİO - 019	TAMBUR BAŞI	6	BİO - 019	DRUM END
7	BİO - 007	MOTOR FLANŞI	7	BİO - 007	MOTOR FLANGE
8	BİO - 008	ARKA RAY FLANŞI	8	BİO - 008	REAR RAIL FLANGE
9	BİO - 027	ARKA TAŞIYICI	9	BİO - 027	REAR CARRIER
10	B - 3187	KÜÇÜK RAY ALTI PROFİLİ	10	B - 3187	SMALL BOTTOM RAIL PROFILE
11	B - 3186	KÜÇÜK RAY PROFİLİ	11	B - 3186	SMALL RAIL PROFILE
12	BİO - 028	YAN KAPAK	12	BİO - 028	SIDE COVER
13	BİO - 013	CONTA	13	BİO - 013	GASKET
14	BİO - 011	LINEAR MOTOR	14	BİO - 011	LINEAR MOTOR
15	BİO - 004	MOTOR ALT SABİTLERME	15	BİO - 004	MOTOR BOTTOM FIXING
16	BİO - 005	MOTOR ÜST SABİTLEME	16	BİO - 005	MOTOR TOP FIXING
17	BİO - 003	TRİGER KİLİTLEME	17	BİO - 003	TRIGGER LOCK
18	BİO - 025	ÖN GERME	18	BİO - 025	FRONT TENSION
19	BİO - 038	DİREK ZIVANASI (YATAY)	19	BİO - 038	HORIZONTAL PIN
20	BİO - 026	SU TAHLİYE TAPASI	20	BİO - 026	WATER DRAIN PLUG
21	BİO - 015	AYAK ÜST LAZER	21	BİO - 015	UPPER FOOT LASER PLATE
22	B - 3189	BÜYÜK OLUK PROFİLİ	22	B - 3189	MAIN GUTTER PROFILE
23	B - 3185	U LED PROFİLİ	23	B - 3185	U-LED PROFILE
24	BİO - 014	AYAK ALT LAZER	24	BİO - 014	PILLAR BOTTOM LASER
25	BİO - 037	DİREK ZIVANASI (DİKEY)	25	BİO - 037	VERTICAL PIN
26	B - 3193	AYAK KAPAK PROFİLİ	26	B - 3193	LEG COVER PROFILE
27	M.C113	50MM PVC BORU	27	M.C113	PVC PIPE 50 MM
28	B - 3192	AYAK PROFİLİ	28	B - 3192	LEG PROFILE
29	BİO - 009	ÖN RAY FLANŞI	29	BİO - 009	FRONT RAIL FLANGE
30	BİO - 016	OLUK/AYAK BAĞLANTI SOMUNU	30	BİO - 016	GROOVE / PILLAR CONNECTION SCREW
31	BİO - 030	LED OLUK BİRLEŞTİRME	31	BİO - 030	LED GUTTER CONNECTION
32	BİO - 021	TRİGER KAYIŞ	32	BİO - 021	TIMING BELT
33	BİO - 031	LED KAPAK	33	BİO - 031	LED COVER
34	B - 3188	BÜYÜK RAY PROFİLİ	34	B - 3188	MAIN RAIL PROFILE
35	BİO - 020	ÇELİK HALAT	35	BİO - 020	STEEL WIRE ROPE
36	BİO - 010	KALDIRAÇ KOL	36	BİO - 010	LIFTER HANDLE
37	BİO - 001	BİOKLİMATİK PANEL YAN KAPAK	37	BİO - 001	BIOCLIMATIC PANEL SIDE COVER
38	BİO - 022	PANEL SABİTLEME	38	BİO - 022	PANEL FIXING
39	BİO - 006	ARKA GERME	39	BİO - 006	REAR TENSION

ALÜMİNYUM PROFİL DETAYLARI / ALUMINUM PROFILE DETAILS



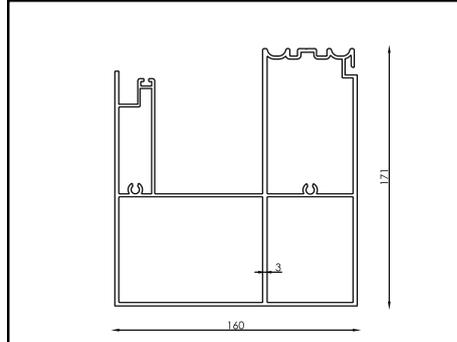
PANEL PROFİLİ PANEL PROFILE

ÜRÜN KODU /
PRODUCT CODE

B - 3184

AĞIRLIK / WEIGHT

3.867 kg/m



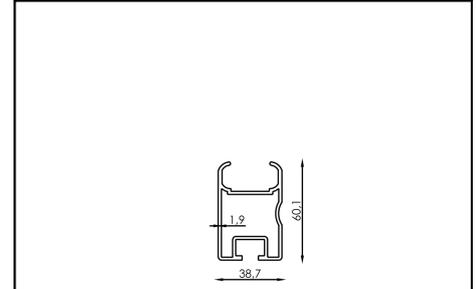
BÜYÜK RAY PROFİLİ MAIN RAIL PROFILE

ÜRÜN KODU /
PRODUCT CODE

B - 3188

AĞIRLIK / WEIGHT

6.785 kg/m



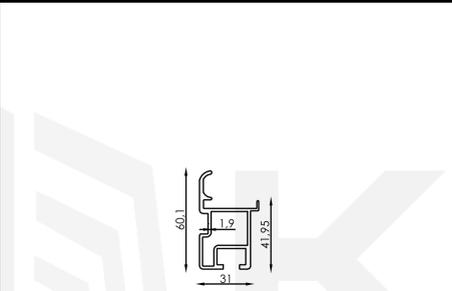
KÜÇÜK RAY PROFİLİ SMALL RAIL PROFILE

ÜRÜN KODU /
PRODUCT CODE

B - 3186

AĞIRLIK / WEIGHT

1.230 kg/m



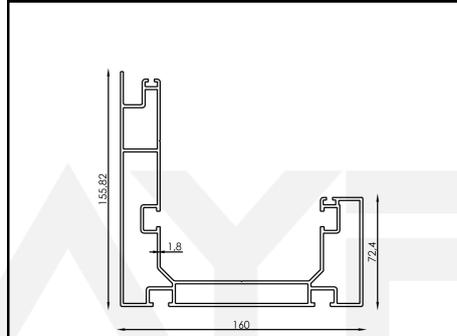
KÜÇÜK RAY ALTI PROFİLİ SMALL BOTTOM RAIL PROFILE

ÜRÜN KODU /
PRODUCT CODE

B - 3187

AĞIRLIK / WEIGHT

1.049 kg/m



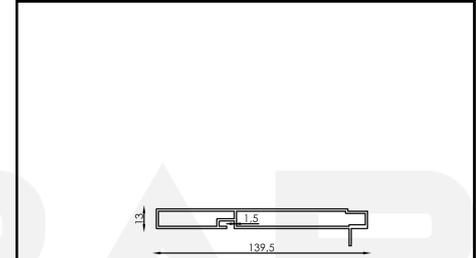
BÜYÜK OLUK PROFİLİ MAIN GUTTER PROFILE

ÜRÜN KODU /
PRODUCT CODE

B - 3189

AĞIRLIK / WEIGHT

4.593 kg/m



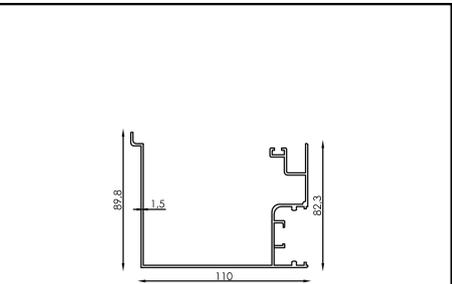
RAY-OLUK KAPAK PROFİLİ RAIL-GUTTER COVER PROFILE

ÜRÜN KODU /
PRODUCT CODE

B - 3190

AĞIRLIK / WEIGHT

1.420 kg/m



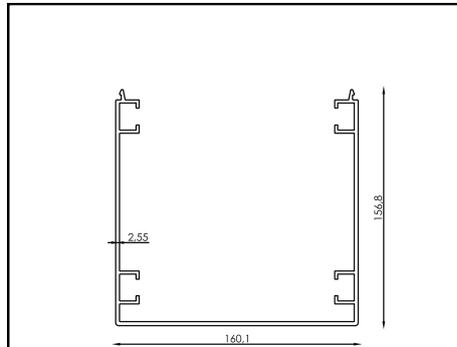
U LED PROFİLİ U-SHAPED LED PROFILE

ÜRÜN KODU /
PRODUCT CODE

B - 3185

AĞIRLIK / WEIGHT

1.444 kg/m



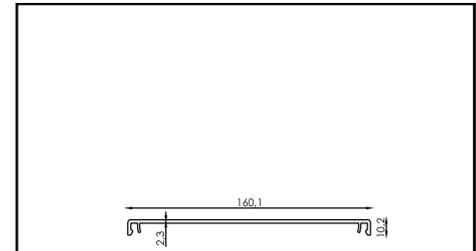
AYAK PROFİLİ LEG PROFILE

ÜRÜN KODU /
PRODUCT CODE

B - 3192

AĞIRLIK / WEIGHT

3.991 kg/m



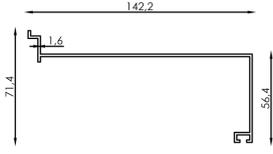
AYAK KAPAK PROFİLİ LEG COVER PROFILE

ÜRÜN KODU /
PRODUCT CODE

B - 3193

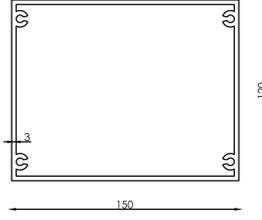
AĞIRLIK / WEIGHT

1.141 kg/m



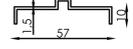
MOTOR KAPAK PROFİLİ
MOTOR COVER PROFILE

ÜRÜN KODU / PRODUCT CODE	B - 3191
AĞIRLIK / WEIGHT	1.063 kg/m



ORTA TAŞIYICI PROFİLİ
CENTER SUPPORT PROFILE

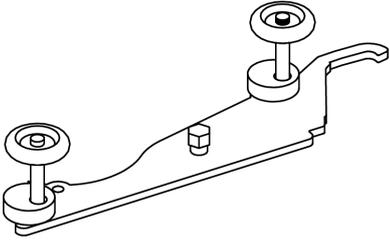
ÜRÜN KODU / PRODUCT CODE	B - 6569
AĞIRLIK / WEIGHT	4.212 kg/m



RAY BAĞLANTI PROFİLİ
RAIL CONNECTION PROFILE

ÜRÜN KODU / PRODUCT CODE	B - 3533
AĞIRLIK / WEIGHT	0.312 kg/m

KAYRAB
ALUMİNYUM



BİOKLİMATİK PANEL YAN KAPAK
BIOCLIMATIC PANEL SIDE COVER

ÜRÜN KODU /
PRODUCT CODE

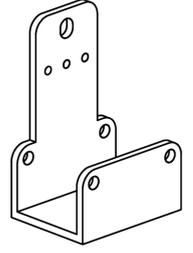
BiO - 001



TRİĞER KİLİTLEME
TRIGGER LOCKING

ÜRÜN KODU /
PRODUCT CODE

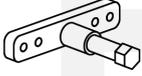
BiO - 003



MOTOR ALT SABİTLEME
MOTOR BOTTOM FIXING

ÜRÜN KODU /
PRODUCT CODE

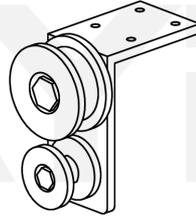
BiO - 004



MOTOR ÜST SABİTLEME
MOTOR TOP FIXING

ÜRÜN KODU /
PRODUCT CODE

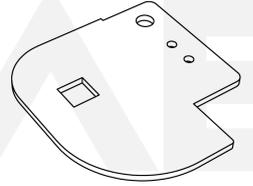
BiO - 005



BİOKLİMATİK ARKA GERME
BIOCLIMATIC REAR TENSION

ÜRÜN KODU /
PRODUCT CODE

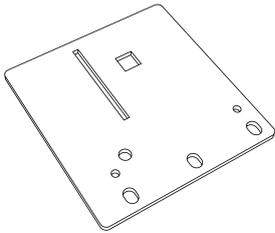
BiO - 006



MOTOR FLANŞI
MOTOR FLANGE

ÜRÜN KODU /
PRODUCT CODE

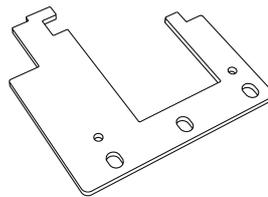
BiO - 007



ARKA RAY FLANŞI
REAR RAIL FLANGE

ÜRÜN KODU /
PRODUCT CODE

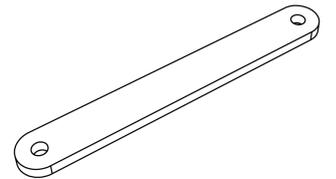
BiO - 008



ÖN RAY FLANŞI
TOP RAIL FLANGE

ÜRÜN KODU /
PRODUCT CODE

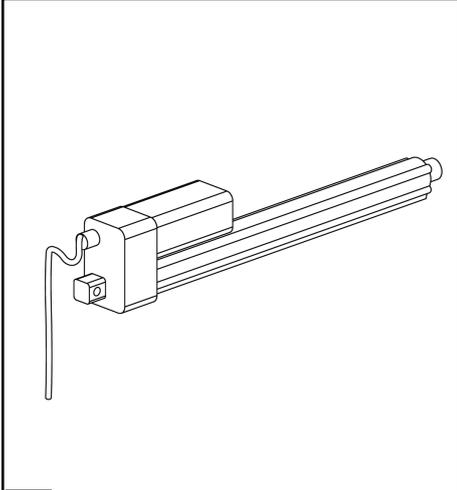
BiO - 009



KALDIRAÇ KOL
LIFTER HANDLE

ÜRÜN KODU /
PRODUCT CODE

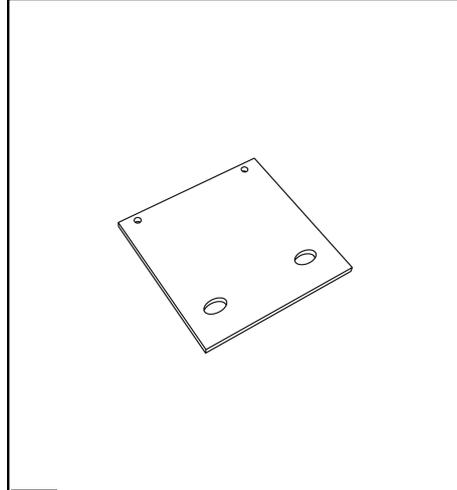
BiO - 010



LINEAR MOTOR
LINEAR MOTOR

ÜRÜN KODU /
PRODUCT CODE

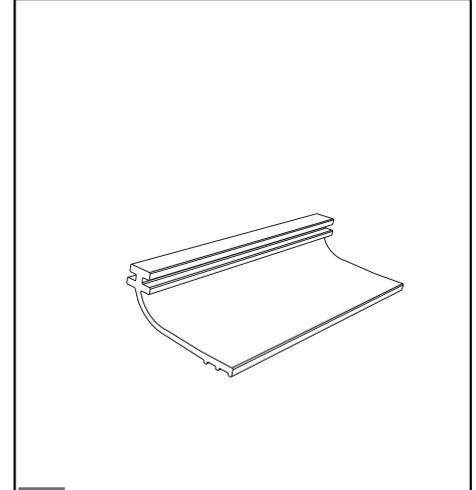
BiO - 011



ORTA TAŞIYICI KAPAK
MIDDLE CARRIER COVER

ÜRÜN KODU /
PRODUCT CODE

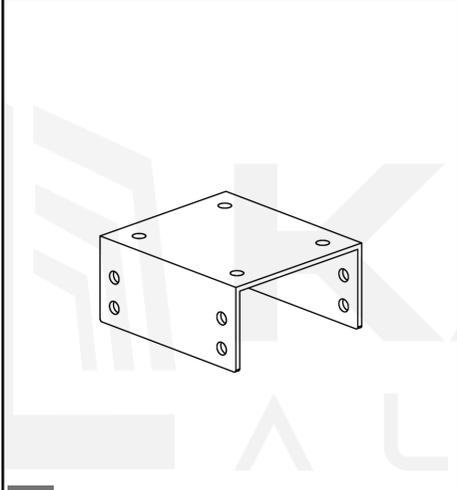
BiO - 012



CONTA
GASKET

ÜRÜN KODU /
PRODUCT CODE

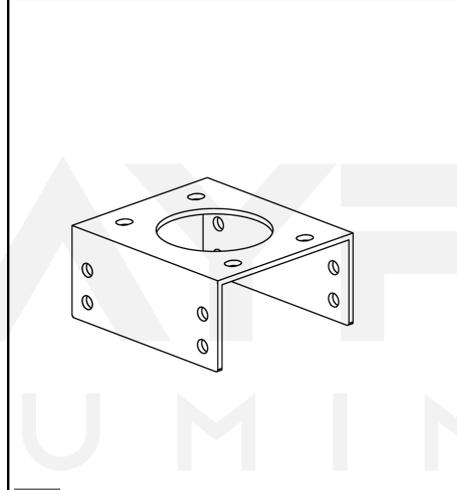
BiO - 014



AYAK ALT LAZER
PILLAR BOTTOM LASER

ÜRÜN KODU /
PRODUCT CODE

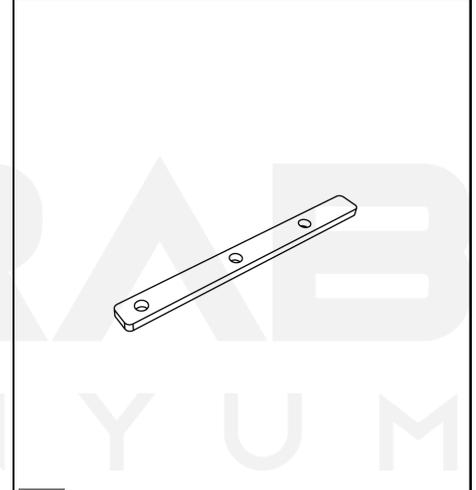
BiO - 014



AYAK ÜST LAZER
PILLAR TOP LASER

ÜRÜN KODU /
PRODUCT CODE

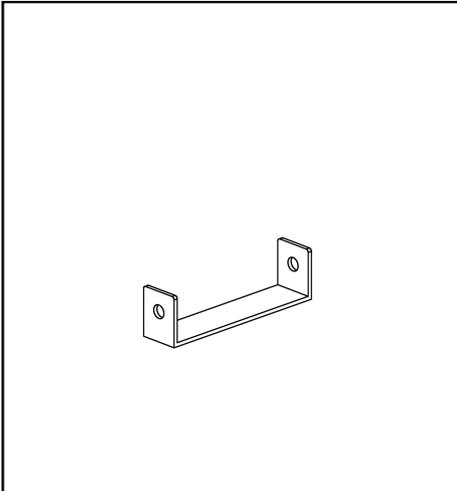
BiO - 015



OLUK/AYAK BAĞLANTI SOMUNU
GROOVE/PILLAR CONNECTION SCREW

ÜRÜN KODU /
PRODUCT CODE

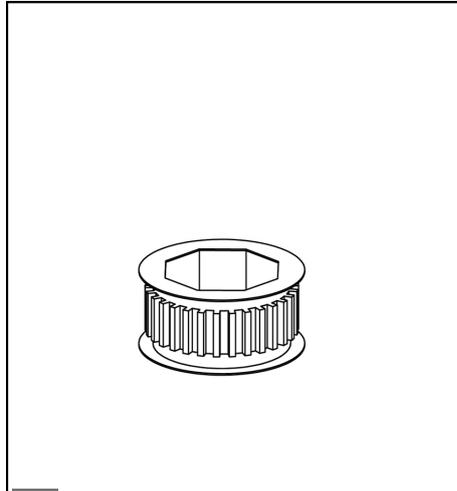
BiO - 016



KAPAK TUTCU
COVER HOLDER

ÜRÜN KODU /
PRODUCT CODE

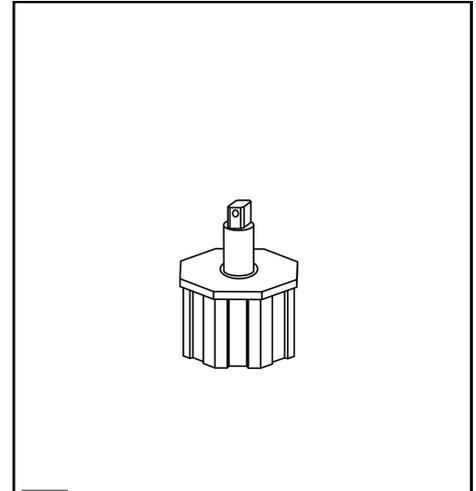
BiO - 017



PLASTİK DİŞLİ
PLASTIC GEAR

ÜRÜN KODU /
PRODUCT CODE

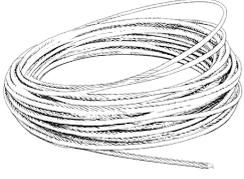
BiO - 018



TAMBUR BAŞI
DRUM END

ÜRÜN KODU /
PRODUCT CODE

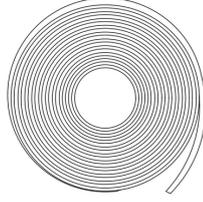
BiO - 019



ÇELİK HALAT
STEEL WIRE ROPE

ÜRÜN KODU /
PRODUCT CODE

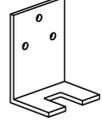
BiO - 020



TRİGER KAYIŞ
TRIGGER BELT

ÜRÜN KODU /
PRODUCT CODE

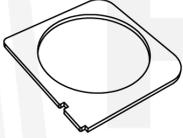
BiO - 021



PANEL SABİTLEME
PANEL FIXING

ÜRÜN KODU /
PRODUCT CODE

BiO - 022



ORTA TAMBUR TUTUCU
CENTER DRUM HOLDER

ÜRÜN KODU /
PRODUCT CODE

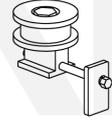
BiO - 023



ORTA TEKER
MIDDLE WHEEL

ÜRÜN KODU /
PRODUCT CODE

BiO - 024



ÖN GERME
FRONT TENSION

ÜRÜN KODU /
PRODUCT CODE

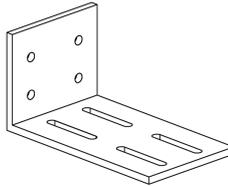
BiO - 025



SU TAHLİYE TAPASI
WATER DRAIN PLUG

ÜRÜN KODU /
PRODUCT CODE

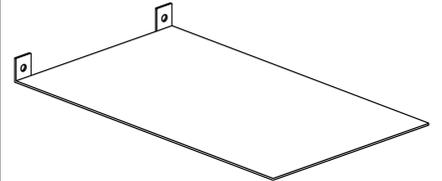
BiO - 026



ARKA TAŞIYICI
REAR CARRIER

ÜRÜN KODU /
PRODUCT CODE

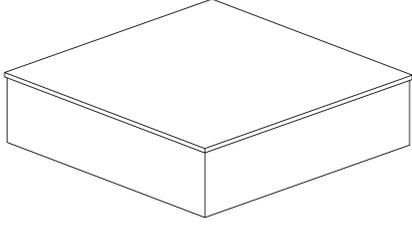
BiO - 027



YAN KAPAK
SIDE COVER

ÜRÜN KODU /
PRODUCT CODE

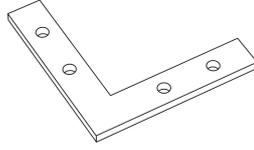
BiO - 028



BİOKLİMATİK ELEKTRONİK KUTU
BIOCLIMATIC ELECTRONIC BOX

ÜRÜN KODU /
PRODUCT CODE

BiO - 029



LED OLUK BİRLEŞTİRME
LED-GUTTER CONNECTION

ÜRÜN KODU /
PRODUCT CODE

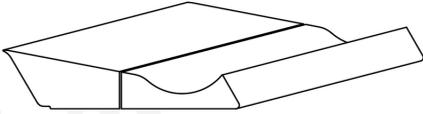
BiO - 030



LED KAPAK
LED COVER

ÜRÜN KODU /
PRODUCT CODE

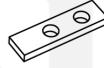
BiO - 031



PANEL KÖPÜK
PANEL FOAM

ÜRÜN KODU /
PRODUCT CODE

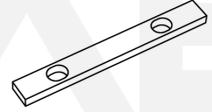
BiO - 034



DİREK ZIVANASI(DİKEY)
VERTICAL PIN

ÜRÜN KODU /
PRODUCT CODE

BiO - 037



DİREK ZIVANASI(YATAY)
HORIZONTAL PIN

ÜRÜN KODU /
PRODUCT CODE

BiO - 038



LED
LED

ÜRÜN KODU /
PRODUCT CODE

LD-001



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