

KATALOG / CATALOG

KAYRA

ALUMINYUM

GIO PLUS

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

06 ÜRÜN DETAYLARI VE ÇİZİMLER / PRODUCT DETAILS AND DRAWINGS

07 SİSTEM KESİTLERİ / SYSTEM SECTIONS

08 PATLATILMIŞ SİSTEM DETAYLARI / EXPLODED SYSTEM DETAILS

10 ALÜMİNYUM PROFİL DETAYLARI / ALUMINUM PROFILE DETAILS

12 AKSESUARLAR / ACCESSORIES

İÇİNDEKİLER CONTENTS

GİO PLUS SİSTEM - 2 KANAT'LI

GIO PLUS SYSTEM - 2 WINGS



AÇILIM
OPENING



GİO PLUS SİSTEM - 3 KANAT'LI

GIO PLUS SYSTEM - 3 WINGS



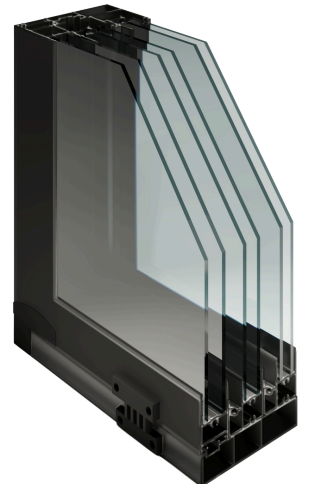
AÇILIM
OPENING



DETAY DETAILS



- Sistem, 20 mm kalınlığında temperli ısıcam ya da tek cam ile donatılmıştır; isteğe bağlı olarak Low-E, reflekte veya lamine cam seçenekleri sunulabilir.
- Motorlu çalışan lineer raylı mekanizmaya sahip olup, silikon fitil, fırça ve özel profiller ile yüksek sızdırmazlık performansı sağlar.
- The system is equipped with 20 mm thick tempered double glazing or single glass, with optional Low-E, reflective, or laminated-glass alternatives.
- It features a motorized linear rail mechanism and ensures high sealing performance with silicon gaskets, brushes, and special sealing profiles.

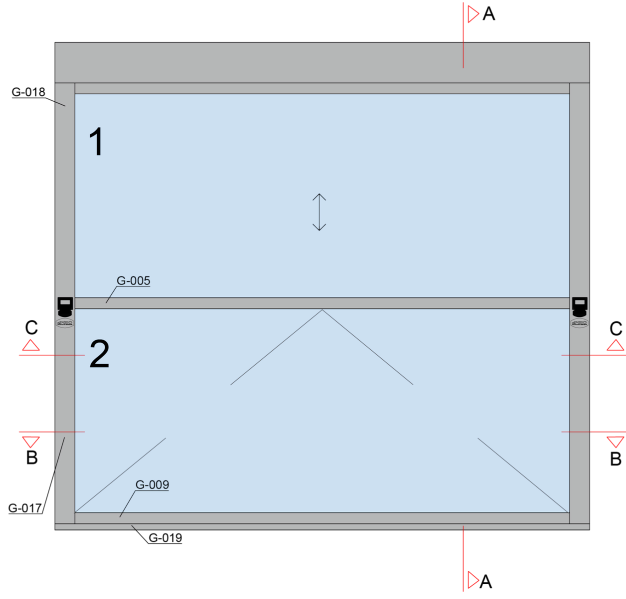


TEKNİK ÖZELLİKLER VE DETAYLAR / TECHNICAL SPECIFICATIONS AND DETAILS

ÖZELLİK	AÇIKLAMA
Cam Kalınlığı	Isıcam; 20 mm (Örnek kombinasyonlar: 4 mm + 12 mm + 4 mm / 5 mm + 10 mm + 5 mm) ya da tek cam; 8mm.
Profil ve Aksesuar	17 adet alüminyum profilden ve aksesuar kitinden oluşur
Sistem Tipi	Silinebilir sistem
Cam Tipi	Isıcam (20 mm), tek cam(8mm), temperli; opsiyonel olarak Low-E, reflekte veya lamine cam uygulanabilir
Yüzey Kaplama	Elektrostatik toz boya
Hareket Mekanizması	Motorlu; lineer raylı sistem
Sızdırmazlık	Silikon fitil, fırça ve özel sızdırmazlık profilleri ile yüksek rüzgar ve su dayanımı
Renk Seçenekleri	RAL Kataloğu renkleri / Ahşap desen kaplama / Özel renk seçenekleri
Dayanıklılık	UV ışınlarına, neme ve korozyona karşı yüksek direnç
Sistem Yüksekliği	Maksimum değeri: 3500 mm
Sistem Genişliği	Maksimum değeri: 3500 mm
Sistem Ağırlığı	24 kg/m ²
Kullanım Alanları	Bahçeler, siteler, villalar, endüstriyel alanlar, kamu binaları

FEATURE	DESCRIPTION
Glass Thickness	20 mm (Example combinations: 4 mm + 12 mm + 4 mm / 5 mm + 10 mm + 5 mm), single glass; 8mm
Profile & Accessories	Consists of 17 aluminum profiles and an accessory kit
System Type	Available in wipeable and fixed options
Glass Type	Double-glazed (20 mm), single glass (8mm) tempered; optionally Low-E, reflective, or laminated glass can be applied
Surface Coating	Electrostatic powder coating
Movement Mechanism	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 Height	Maximum value: 3500 mm
System Width	Maximum value: 3500 mm
System Weight	24 kg/m ²
Application Areas	Gardens, residential complexes, villas, industrial areas, public buildings

GIO PLUS SİSTEM - 2 KANAT'LI GIO PLUS SYSTEM - 2 WINGS



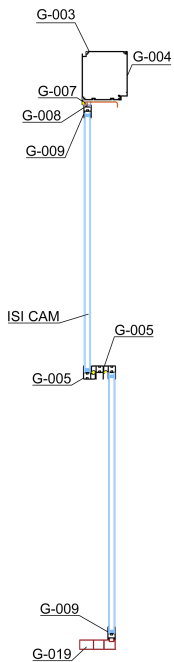
ÖN GÖRÜNÜŞ



B-B KESİTİ



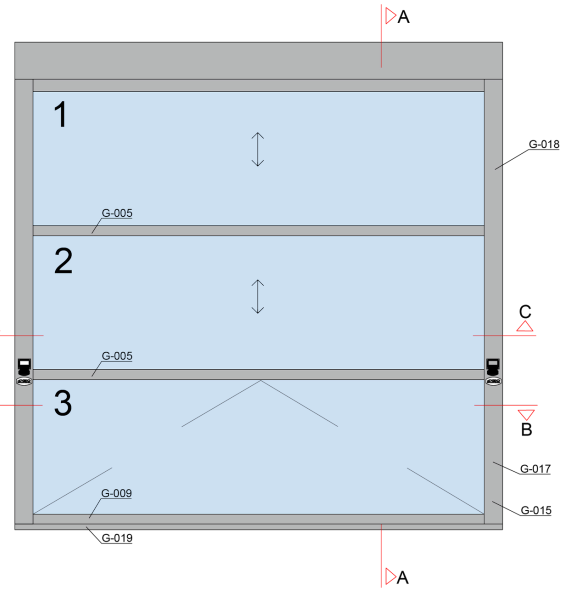
C-C KESİTİ



A-A KESİTİ

PROFİL KODU	TEKNİK ÇİZİM	PROFİL KODU	TEKNİK ÇİZİM
OVAL ŞASE G - 001		OVAL ŞASE KAPAK G - 002	
KARE ŞASE G - 003		KARE ŞASE KAPAK G - 004	
ISICAM KENET G - 005		TEK CAM KENET G - 006	
KÜPESTE G - 007		KÜPESTE BAĞLANTI G - 008	
ISICAM BAZA G - 009		TEK CAM BAZA G - 010	
YAN KASA KAPAK G - 011		TEMİZLENEBİLİR İSPANYOLET PROFİLİ G - 014	
TEMİZLENEBİLİR ISICAM BAZA G - 015		TEMİZLENEBİLİR TEK CAM BAZA G - 016	
TEMİZLENEBİLİR YAN KASA ÜST G - 018		TEMİZLENEBİLİR YAN KASA ALT G - 017	
TEMİZLENEBİLİR ALT KASA G - 019			

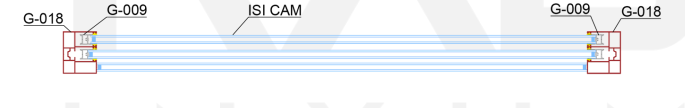
GIO PLUS SİSTEM - 3 KANAT'LI GIO PLUS SYSTEM - 3 WINGS



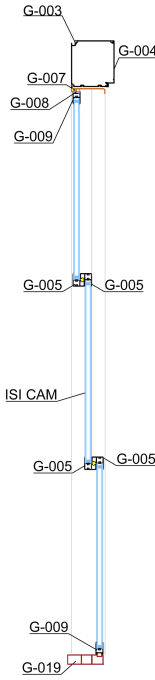
ÖN GÖRÜNÜŞ



B-B KESİTİ

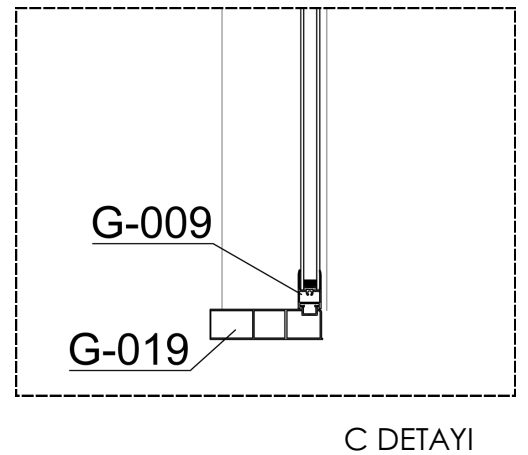
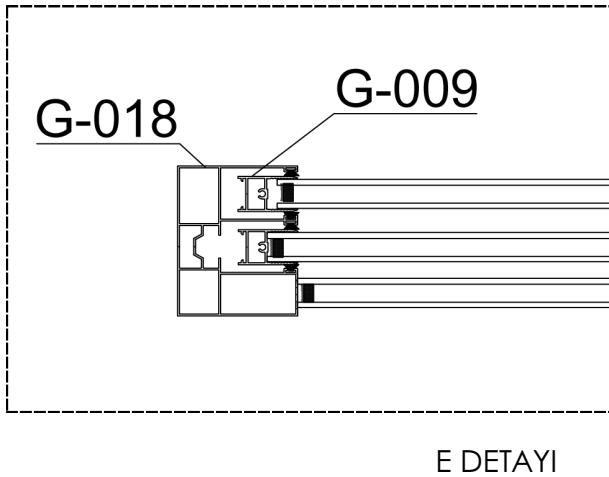
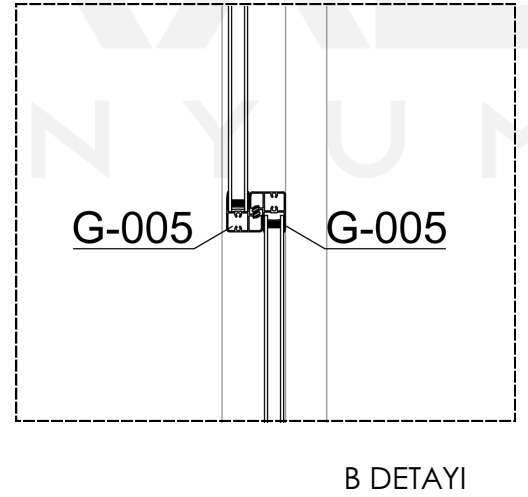
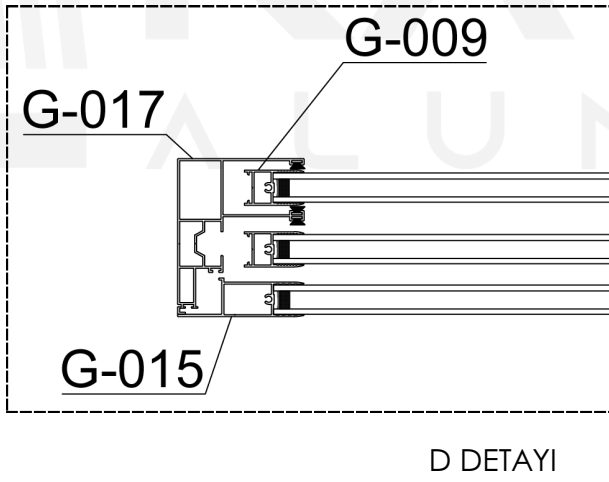
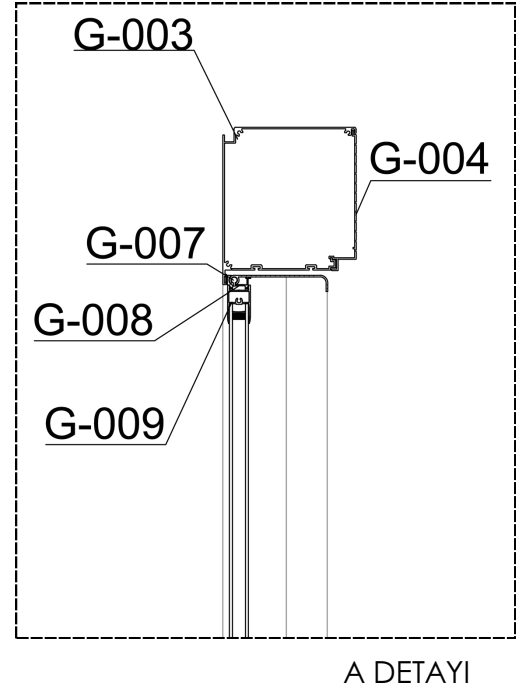
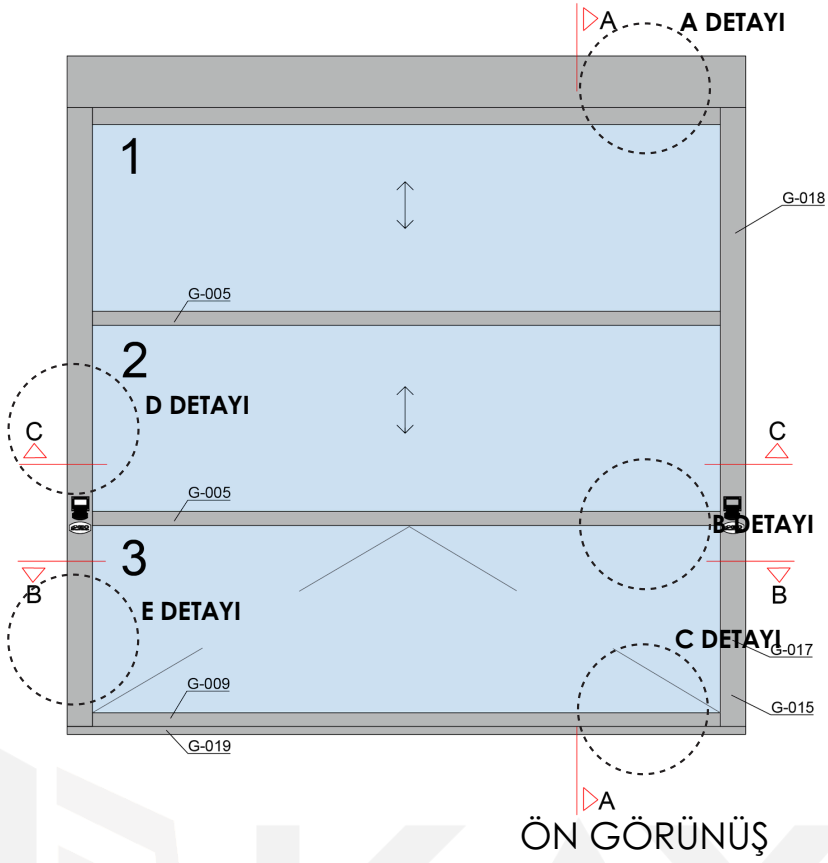


C-C KESİTİ

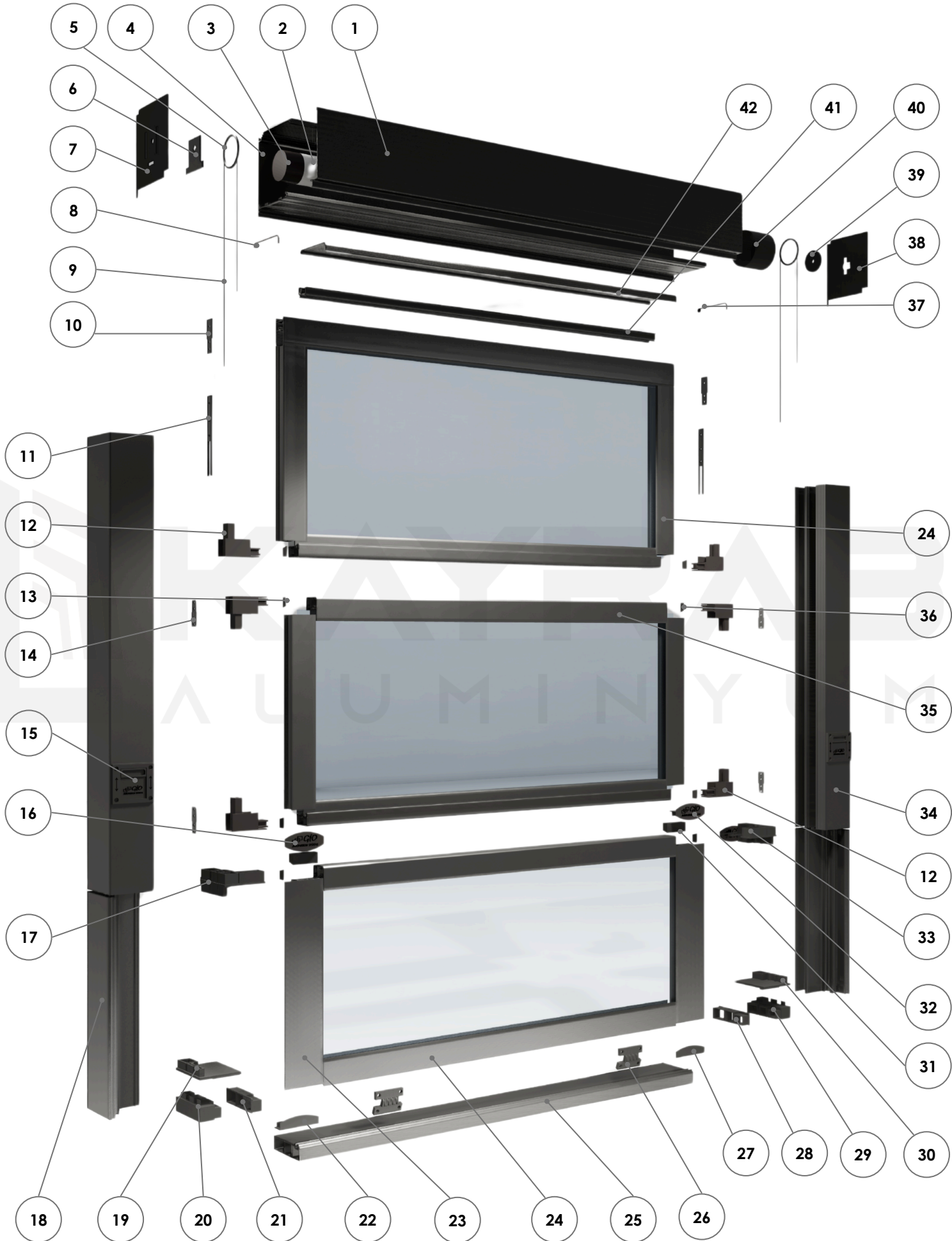


A-A KESİTİ

PROFİL KODU	TEKNİK ÇİZİM	PROFİL KODU	TEKNİK ÇİZİM
OVAL ŞASE G - 001		OVAL ŞASE KAPAK G - 002	
KARE ŞASE G - 003		KARE ŞASE KAPAK G - 004	
ISICAM KENET G - 005		TEK CAM KENET G - 006	
KÜPESTE G - 007		KÜPESTE BAĞLANTI G - 008	
ISICAM BAZA G - 009		TEK CAM BAZA G - 010	
YAN KASA KAPAK G - 011		TEMİZLENEBİLİR İSPANYOLET PROFİLİ G - 014	
TEMİZLENEBİLİR ISICAM BAZA G - 015		TEMİZLENEBİLİR TEK CAM BAZA G - 016	
TEMİZLENEBİLİR YAN KASA ÜST G - 018		TEMİZLENEBİLİR YAN KASA ALT G - 017	
TEMİZLENEBİLİR ALT KASA G - 019			



PATLATILMIŞ SİSTEM DETAYLARI /EXPLODED SYSTEM DETAILS

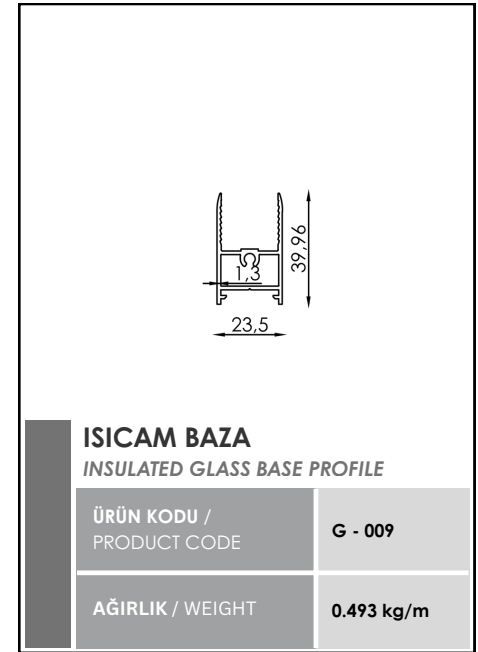
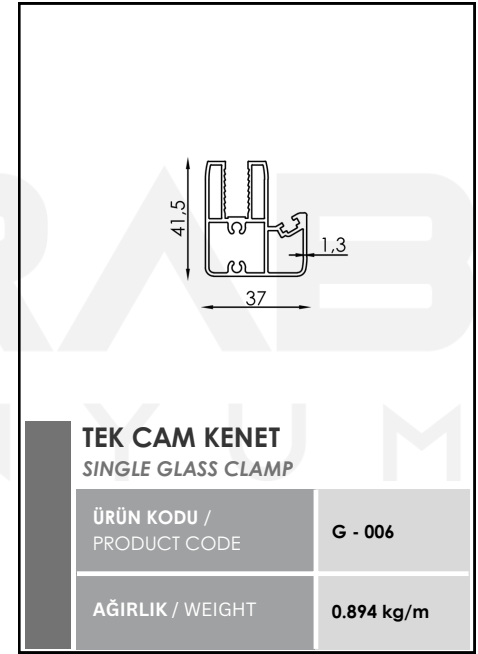
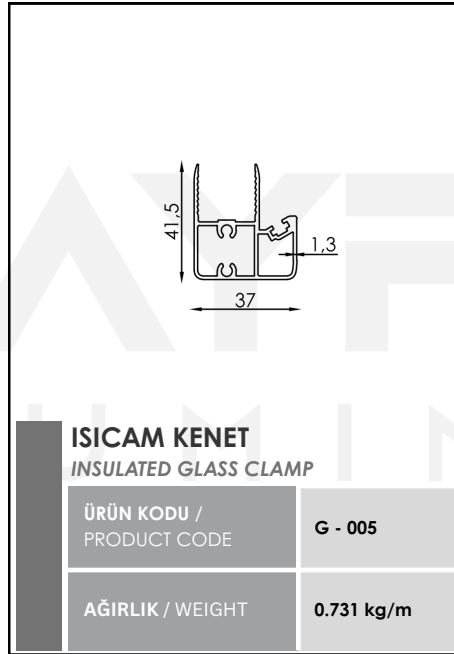
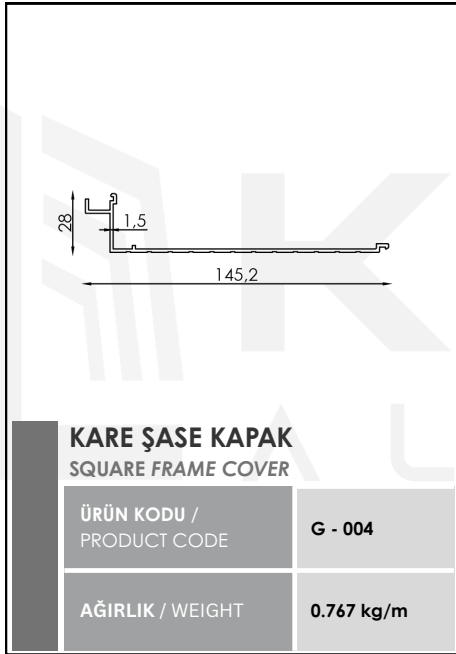
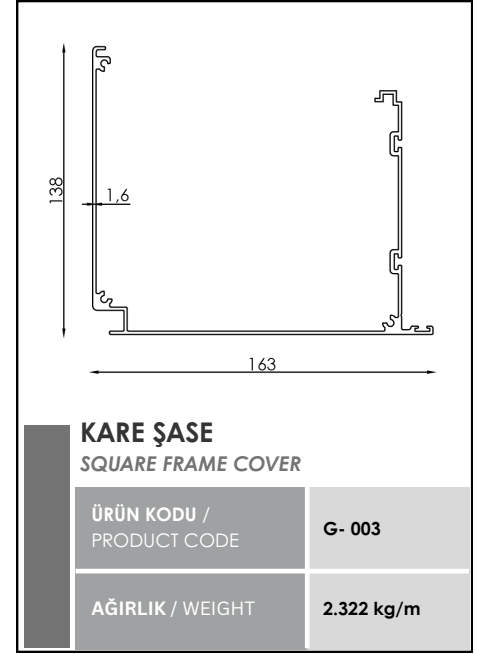
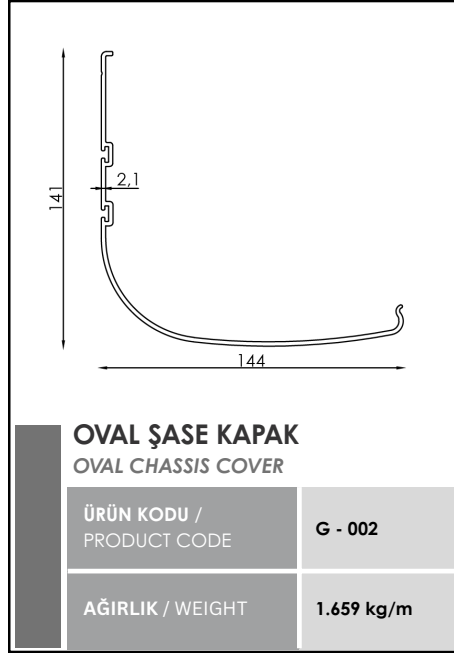
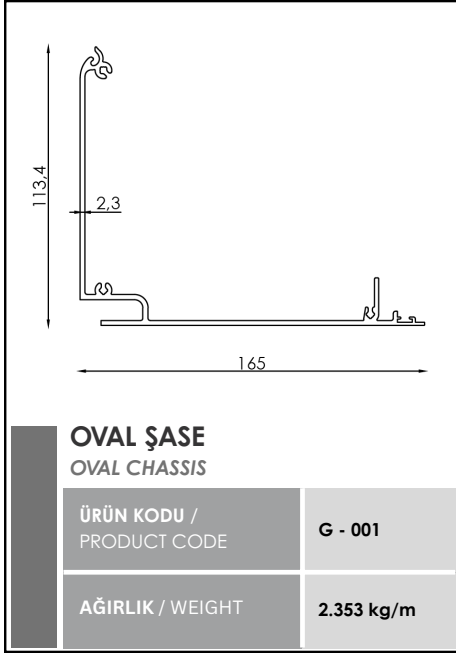


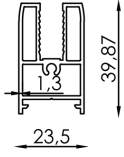
PATLATILMIŞ SİSTEM DETAYLARI /EXPLODED SYSTEM DETAILS

ÖGE NO	ÜRÜN KODU	TANIM
1	G - 004	KARE ŞASE KAPAK
2	SKZ.01	70'LİK SEKİZGEN BORU
3	M.GİO120	GİO MOTOR 120NM
4	G - 003	KARE ŞASE
5	M.G136	METAL ZİNCİR DİŞLİSİ
6	M.G115	MOTOR BAŞI BAĞLANTI APARATI
7	M.G119	ŞASE YAN KAPAK KIZAKLI KARE
8	M.G124	KÜPEŞTE PLASTİĞİ (SOL)
9	M.G138	ZİNCİR
10	M.G161	BAZA KÜPEŞTE BİRLEŞTİRME APARATI
11	M.G156	ZİNCİR BAĞLANTI APARATI
12	M.G114	BAZA KENET BİRLEŞTİRME PLASTİĞİ
13	M.G103	KENET KAPAK (SOL)
14	M.G160	BAZA KENET BİRLEŞTİRME APARATI
15	M.G157	TEMİZLENEBİLİR KANAT KİLİDİ
16	M.G152	TEMİZLENEBİLİR AÇILIR KANAT BAZA PLASTİĞİ (ÜST SOL)
17	M.G148	TEMİZLENEBİLİR YAN KASA BİRLEŞTİRME APARATI(SOL)
18	G - 017	TEMİZLENEBİLİR YAN KASA ALT
19	M.G146	TEMİZLENEBİLİR YAN KASA SIZDIRMAZLIK CONTASI(SOL)
20	M.G142	TEMİZLENEBİLİR ALT KASA BİRLEŞTİRME PLASTİĞİ (SOL)
21	M.G144	TEMİZLENEBİLİR ALT KASA SIZDIRMAZLIK CONTASI (SOL)
22	M.G150	TEMİZLENEBİLİR AÇILIR KANAT BAZA PL.(ALT SOL)
23	G - 015	TEMİZLENEBİLİR İSICAM BAZA
24	G - 009	İSICAM BAZA
25	G - 019	TEMİZLENEBİLİR ALT KASA
26	M.G154	TEMİZLENEBİLİR AÇILIR KANAT MENTEŞE
27	M.G149	TEMİZLENEBİLİR AÇILIR KANAT BAZA PL.(ALT SAĞ)
28	M.G143	TEMİZLENEBİLİR ALT KASA SIZDIRMAZLIK CONTASI (SAĞ)
29	M.G141	TEMİZLENEBİLİR ALT KASA BİRLEŞTİRME PLASTİĞİ (SAĞ)
30	M.G145	TEMİZLENEBİLİR YAN KASA SIZDIRMAZLIK CONTASI(SAĞ)
31	M.G153	TEMİZLENEBİLİR AÇILIR KANAT RÜZGAR CONTASI (SAĞ)
32	M.G151	TEMİZLENEBİLİR AÇILIR KANAT BAZA PLASTİĞİ (ÜST SAĞ)
33	M.G147	TEMİZLENEBİLİR YAN KASA BİRLEŞTİRME APARATI(SAĞ)
34	G - 018	TEMİZLENEBİLİR YAN KASA ÜST
35	G - 005	İSICAM KENET
36	M.G102	KENET KAPAK (SAĞ)
37	M.G123	KÜPEŞTE PLASTİĞİ (SAĞ)
38	M.G120	ŞASE YAN KAPAK KARE RULMANLI
39	M.G113	42x12 BORU BAŞI RULMAN
40	M.G106	70'LİK PLASTİK BORU BAŞI
41	G - 008	KÜPEŞTE BAĞLANTI
42	G - 007	KÜPEŞTE

ITEM NO	PRODUCT CODE	DESCRIPTION
1	G - 004	SQUARE CHASSIS COVER
2	SKZ.01	70 MM OCTAGONAL TUBE
3	M.GİO120	GİO MOTOR 120NM
4	G - 003	SQUARE CHASSIS
5	M.G136	METAL CHAIN GEAR
6	M.G115	MOTOR HEAD CONNECTION BRACKET
7	M.G119	SLIDING SQUARE SIDE CHASSIS COVER
8	M.G124	HANDRAIL PLASTIC (LEFT)
9	M.G138	CHAIN
10	M.G161	BASE-HANDRAIL CONNECTION BRACKET
11	M.G156	CHAIN CONNECTION BRACKET
12	M.G114	BASE CLAMP JOINT PLASTIC
13	M.G103	CLAMP COVER (LEFT)
14	M.G160	BASE CLAMP CONNECTION BRACKET
15	M.G157	CLEANABLE SASH LOCK
16	M.G152	CLEANABLE OPENABLE SASH BASE PLASTIC (TOP LEFT)
17	M.G148	CLEANABLE SIDE FRAME CONNECTION BRACKET (LEFT)
18	G - 017	CLEANABLE SIDE FRAME BOTTOM
19	M.G146	CLEANABLE SIDE FRAME SEAL GASKET (LEFT)
20	M.G142	CLEANABLE BOTTOM FRAME JOINT PLASTIC (LEFT)
21	M.G144	CLEANABLE BOTTOM FRAME SEAL GASKET (LEFT)
22	M.G150	CLEANABLE OPENABLE SASH BASE PLASTIC (BOTTOM LEFT)
23	G - 015	CLEANABLE INSULATED GLASS BASE
24	G - 009	INSULATED GLASS BASE
25	G - 019	CLEANABLE BOTTOM FRAME
26	M.G154	CLEANABLE OPENABLE SASH HINGE
27	M.G149	CLEANABLE OPENABLE SASH BASE PLASTIC (BOTTOM RIGHT)
28	M.G143	CLEANABLE BOTTOM FRAME SEAL GASKET (RIGHT)
29	M.G141	CLEANABLE BOTTOM FRAME JOINT PLASTIC (RIGHT)
30	M.G145	CLEANABLE SIDE FRAME SEAL GASKET (RIGHT)
31	M.G153	CLEANABLE OPENABLE LEAF WIND GASKET (RIGHT)
32	M.G151	CLEANABLE OPENABLE SASH BASE PLASTIC (TOP RIGHT)
33	M.G147	CLEANABLE SIDE FRAME CONNECTION BRACKET (RIGHT)
34	G - 018	CLEANABLE SIDE FRAME TOP
35	G - 005	INSULATED GLASS CLAMP
36	M.G102	CLAMP COVER (RIGHT)
37	M.G123	HANDRAIL PLASTIC (RIGHT)
38	M.G120	SQUARE SIDE CHASSIS COVER WITH BEARING
39	M.G113	42x12 TUBE END BEARING
40	M.G106	70 MM PLASTIC TUBE END
41	G - 008	HANDRAIL CONNECTION
42	G - 007	HANDRAIL

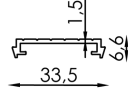
ALÜMİNYUM PROFİL DETAYLARI / ALUMINUM PROFILE DETAILS





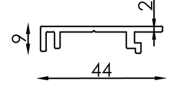
TEK CAM BAZA
SINGLE GLASS BASE PROFILE

ÜRÜN KODU / PRODUCT CODE	G - 010
AĞIRLIK / WEIGHT	0.644 kg/m



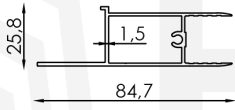
YAN KASA KAPAK
SIDE FRAME COVER

ÜRÜN KODU / PRODUCT CODE	G - 011
AĞIRLIK / WEIGHT	0.184 kg/m



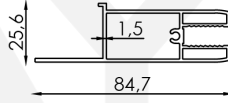
TEMİZLENEBİLİR İSPANYOLET P.
CLEANABLE ESPAGNOLETTE PROFILE

ÜRÜN KODU / PRODUCT CODE	G - 014
AĞIRLIK / WEIGHT	0.095 kg/m



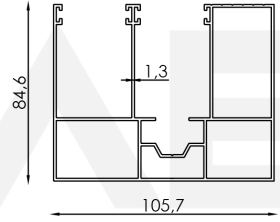
TEMİZLENEBİLİR ISICAM BAZA
CLEANABLE INSULATED GLASS BASE

ÜRÜN KODU / PRODUCT CODE	G - 015
AĞIRLIK / WEIGHT	0.716 kg/m



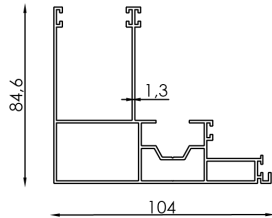
TEMİZLENEBİLİR TEK CAM BAZA
CLEANABLE SINGLE GLASS BASE

ÜRÜN KODU / PRODUCT CODE	G - 016
AĞIRLIK / WEIGHT	0.885 kg/m



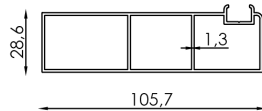
TEMİZLENEBİLİR YAN KASA ÜST
CLEANABLE SIDE FRAME TOP

ÜRÜN KODU / PRODUCT CODE	G - 018
AĞIRLIK / WEIGHT	2.189 kg/m



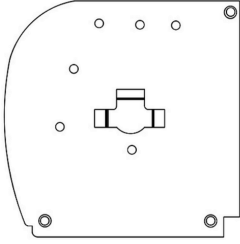
TEMİZLENEBİLİR YAN KASA ALT
CLEANABLE SIDE FRAME BOTTOM

ÜRÜN KODU / PRODUCT CODE	G - 017
AĞIRLIK / WEIGHT	1.652 kg/m



TEMİZLENEBİLİR ALT KASA
CLEANABLE BOTTOM FRAME

ÜRÜN KODU / PRODUCT CODE	G - 019
AĞIRLIK / WEIGHT	1.168 kg/m

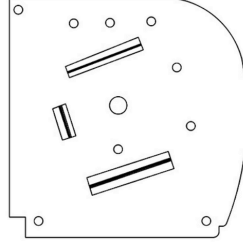


ŞASE YAN KAPAK OVAL RULMANLI

CHASSIS SIDE COVER OVAL BEARING

ÜRÜN KODU /
PRODUCT CODE

M.G 117

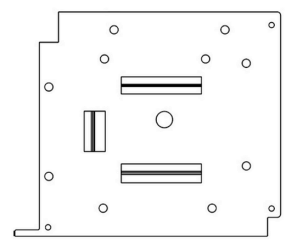


ŞASE YAN KAPAK OVAL KIZAKLI

CHASSIS SIDE COVER OVAL SLIDE

ÜRÜN KODU /
PRODUCT CODE

M.G 118

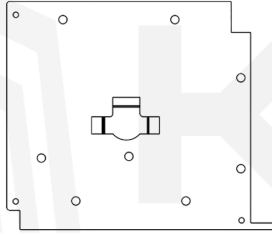


ŞASE YAN KAPAK KARE KIZAKLI

CHASSIS SIDE COVER SQUARE SLIDE

ÜRÜN KODU /
PRODUCT CODE

M.G 119

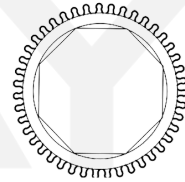


SASE YAN KAPAK KARE RUMANLI

CHASSIS SIDE COVER SQUARE BEARING

ÜRÜN KODU /
PRODUCT CODE

M.G 120

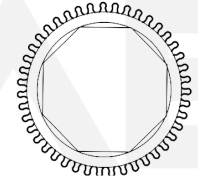


METAL ZİNCİR DİŞLİSİ (KALIN)

METAL CHAIN SPROCKET (THICK)

ÜRÜN KODU /
PRODUCT CODE

M.G-135

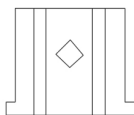


METAL ZİNCİR DİŞLİSİ (İNCE)

METAL CHAIN SPROCKET (THIN)

ÜRÜN KODU /
PRODUCT CODE

M.G-136



MOTOR BAŞI BAĞLANTI APARATI

ENGINE HEAD CONNECTION

ÜRÜN KODU /
PRODUCT CODE

M.G 115

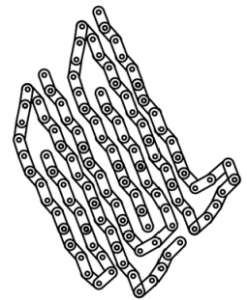


42*12 BORU BAŞI RULMAN

42*12 PIPE HEAD BEARING

ÜRÜN KODU /
PRODUCT CODE

M.G 113

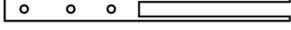


ZİNCİR(KALIN-İNCE)

CHAIN (THICK-THIN)

ÜRÜN KODU /
PRODUCT CODE

M.G 137-M.G 138



ZİNCİR BAĞLANTI APARATI (KALIN-İNCE)

CHAIN CONNECTION DEVICE (THICK-THIN)

ÜRÜN KODU /
PRODUCT CODE

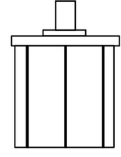
M.G 155-M.G
156



70'LİK PLASTİK BORU BAŞI 70mm PLASTIC PIPE HEAD

ÜRÜN KODU /
PRODUCT CODE

M.G 106



70'LİK METAL BORU BAŞI 70mm METAL PIPE HEAD

ÜRÜN KODU /
PRODUCT CODE

M.G 116



KENET KAPAK PLASTİĞİ (SAĞ) CLAMP COVER PLASTIC (RIGHT)

ÜRÜN KODU /
PRODUCT CODE

M.G 102



KENET KAPAK PLASTİĞİ (SOL) CLAMP COVER PLASTIC (LEFT)

ÜRÜN KODU /
PRODUCT CODE

M.G 103



KÜPEŞTE PLASTİĞİ (SAĞ) HANDRAIL PLASTIC (RIGHT)

ÜRÜN KODU /
PRODUCT CODE

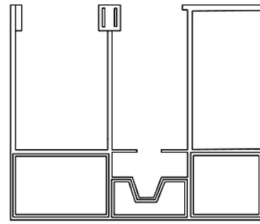
M.G 123



KÜPEŞTE PLASTİĞİ (SOL) HANDRAIL PLASTIC (LEFT)

ÜRÜN KODU /
PRODUCT CODE

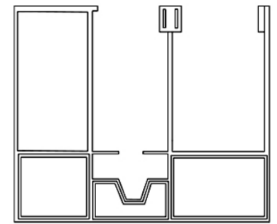
M.G 124



TEMİZLENEBİLİR YAN KASA BİRLEŞTİRME APR. (SAĞ) REMOVABLE SIDE FRAME CONNECTOR (RIGHT)

ÜRÜN KODU /
PRODUCT CODE

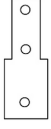
M.G 147



TEMİZLENEBİLİR YAN KASA BİRLEŞTİRME APR. (SOL) REMOVABLE SIDE FRAME CONNECTOR (LEFT)

ÜRÜN KODU /
PRODUCT CODE

M.G 148



**BAZA KÜPEŞTE BİRLEŞTİRME
APARATI (METAL)**
BASE HANDRAIL CONNECTION BRACKET
(METAL)

ÜRÜN KODU /
PRODUCT CODE

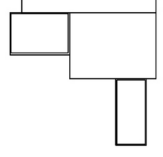
M.G 161



**BAZA KENET BİRLEŞTİRME
APARATI (METAL)**
BASE CLAMP CONNECTION BRACKET
(METAL)

ÜRÜN KODU /
PRODUCT CODE

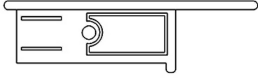
M.G 160



**BAZA KENET BİRLEŞTİRME
PLASTİĞİ**
BASE CLAMP ASSEMBLY PLASTIC

ÜRÜN KODU /
PRODUCT CODE

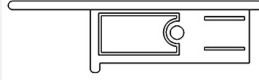
M.G 114



**TEMİZLENEBİLİR AÇILIR KANAT
BAZA PLASTİĞİ (ALT SOL)**
REMOVABLE OPENING WING BASE
PLASTIC (BOTTOM LEFT)

ÜRÜN KODU /
PRODUCT CODE

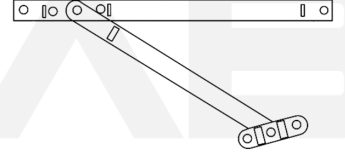
M.G 150



**TEMİZLENEBİLİR AÇILIR KANAT
BAZA PLASTİĞİ (ALT SAĞ)**
REMOVABLE OPENING WING BASE
PLASTIC (BOTTOM RIGHT)

ÜRÜN KODU /
PRODUCT CODE

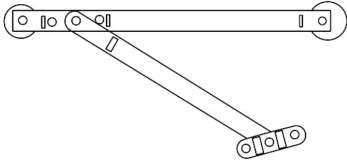
M.G 149



**TEMİZLENEBİLİR ÇELİK MAKAS
TEKERSİZ**
CLEANABLE STEEL SCISSORS WITHOUT
WHEEL

ÜRÜN KODU /
PRODUCT CODE

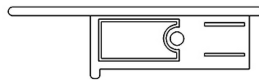
M.G 140



**TEMİZLENEBİLİR ÇELİK MAKAS
TEKERLİ**
CLEANABLE STEEL SCISSORS WITH WHEEL

ÜRÜN KODU /
PRODUCT CODE

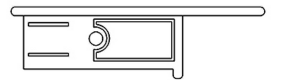
M.G 139



**TEMİZLENEBİLİR AÇILIR KANAT
BAZA PLASTİĞİ (ÜST SAĞ)**
REMOVABLE OPENING WING BASE
PLASTIC (TOP RIGHT)

ÜRÜN KODU /
PRODUCT CODE

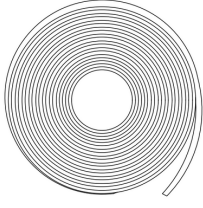
M.G 151



**TEMİZLENEBİLİR AÇILIR KANAT
BAZA PLASTİĞİ (ÜST SOL)**
REMOVABLE OPENING WING BASE
PLASTIC (TOP LEFT)

ÜRÜN KODU /
PRODUCT CODE

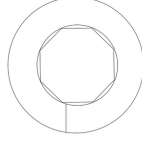
M.G 152



TRİGER KAYIŞ (16-20 mm)
TIMING BELT

ÜRÜN KODU /
PRODUCT CODE

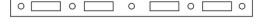
M.G 111-M.G
112



PLASTİK KASNAK (16-20 mm)
PLASTIC HOOP

ÜRÜN KODU /
PRODUCT CODE

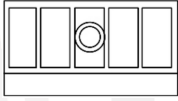
M.G 107-M.G
108



TRİGER TUTUCU (16-20 mm)
TIMING HOLDER

ÜRÜN KODU /
PRODUCT CODE

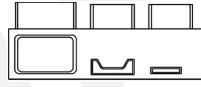
M.G 109-M.G
110



**TEMİZLENEBİLİR AÇILIR KANAT
RÜZGAR CONTASI**
REMOVABLE OPENING WING BASE
PLASTIC

ÜRÜN KODU /
PRODUCT CODE

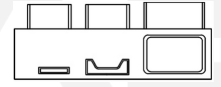
M.G 153



**TEMİZLENEBİLİR ALT KASA
BİRLEŞTİRME PLASTİĞİ (SAĞ)**
CLEANABLE REMOVABLE BOTTOM
CASING CUSEMBLY PLASTIC (RIGHT)

ÜRÜN KODU /
PRODUCT CODE

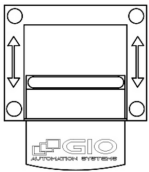
M.G 141



**TEMİZLENEBİLİR ALT KASA
BİRLEŞTİRME PLASTİĞİ (SAĞ)**
CLEANABLE REMOVABLE BOTTOM
CASING CUSEMBLY PLASTIC (RIGHT)

ÜRÜN KODU /
PRODUCT CODE

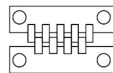
M.G 142



TEMİZLENEBİLİR KANAT KİLİDİ
REMOVABLE WING LOCK

ÜRÜN KODU /
PRODUCT CODE

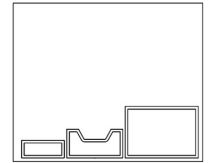
M.G 157



**TEMİZLENEBİLİR AÇILIR KANAT
MENTEŞE**
REMOVABLE PIVOT HINGE

ÜRÜN KODU /
PRODUCT CODE

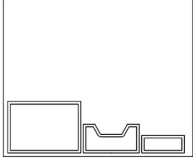
M.G 154



**TEMİZLENEBİLİR YAN KASA
SIZDIRMAZLIK CONTASI (SAĞ)**
REMOVABLE SIDE FRAME SEALING
GASKET (RIGHT)

ÜRÜN KODU /
PRODUCT CODE

M.G 145



**TEMİZLENEBİLİR YAN KASA
SIZDIRMAZLIK CONTASI (SOL)**
REMOVABLE SIDE FRAME SEALING
GASKET (LEFT)

ÜRÜN KODU /
PRODUCT CODE

M.G 146



**TEMİZLENEBİLİR ALT KASA
SIZDIRMAZLIK CONTASI (SAĞ)**
REMOVABLE BOTTOM CASING SEALING
GASKET (RIGHT)

ÜRÜN KODU /
PRODUCT CODE

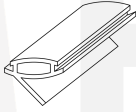
M.G 143



**TEMİZLENEBİLİR ALT KASA
SIZDIRMAZLIK CONTASI (SOL)**
REMOVABLE BOTTOM CASING SEALING
GASKET (LEFT)

ÜRÜN KODU /
PRODUCT CODE

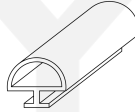
M.G 144



**TEMİZLENEBİLİR ALT KASA
CONTASI**
CLEANABLE BOTTOM FRAME GASKET

ÜRÜN KODU /
PRODUCT CODE

M.G 158



ŞASE KAPAK CONTASI
CHASSIS COVER GASKET

ÜRÜN KODU /
PRODUCT CODE

M.G 159



E: kayra@kayraaluminyum.com
W: www.kayraaluminyum.com

T: +90 (312) 479 83 05
T: +90 (532) 160 23 09

A: B ğd z Mahallesi Yıldırım Beyazıt
Caddesi No: 11/1 Akyurt/ ANKARA