

azizel



**Soğuk Oda Ekipmanları Kataloğu**  
Cold Room Equipments Catalogue

[www.azizel.com.tr](http://www.azizel.com.tr)

## HAKKIMIZDA

Azizel Soğutma; 1994 yılında soğuk oda, endüstriyel buzdolabı ve yedek parça sektörüne girdikten sonra, istikrarını bozmadan yıldan yıla büyümeye devam eden uluslararası bir HVAC-R şirkettir.

Endüstriyel Soğuk Oda, Buzdolabı, Mutfak ve Frigorifik Yedek Parçaları alanlarında geniş ürün yelpazemiz ile sadece Türkiye'de değil, tüm dünyada bir satış ağı oluşturduk.

Yaklaşık 60 ülkeye ihracat haritamızla, şirketimizi ve ülkemizi dünya çapında en iyi şekilde temsil etmek, çalışma disiplinlerimizin ilkidir.

İşimizde yetkin ve kalifiye personelimizle birlikte ürettiğimiz ürünlerimizin kalite kontrolleri ile, karşılıklı ilişkilerimizde müşterilerimizi memnun etmek ve iş birliklerimizin sürekliliğini sağlamak en önemli misyonlarımızdan biridir. Böylelikle, ismimizi sektörün öncü isimleri arasında kazıdık.

Yatırımlarımız ve Ar-Ge faaliyetlerimiz devlet tarafından teşvik ediliyor ve Azizel Soğutma olarak ülke ekonomisine önemli katkılarda bulunmaya devam ediyoruz. Türk Standartları Enstitüsü'nün yanı sıra, Dünya Fikri Mülkiyet Örgütü Uluslararası Bürosu'nun bir parçası olmaktan gurur duyuyoruz.





## ABOUT US

Azizel Cooling is an international HVAC-R company that continues to grow year by year after entering the cold room, industrial refrigerator and spare parts sector in 1994 without disturbing its stability.

We have created a sales network not only in Turkey but also all over the world with our wide product range in industrial cold room, refrigerator, kitchen and refrigerated spare parts. With our export map to nearly 60 countries, representing our company and country in the best way around the world is the first of our working disciplines.

With the quality controls of our products produced together with our competent and qualified personnel in our business, it is one of our most important missions to satisfy our customers in our mutual relations and to ensure the continuity of our business associations. Thus, we scraped our name among the leading names of the industry.

Our investments and R&D activities are encouraged by the state and we continue to make significant contributions to the country's economy Cooling. Besides the Turkish Standards Institute, we are proud to be part of the International Bureau of the World Intellectual Property Organization.



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# Cold Room Locks

**Soğuk  
Oda  
Kilitleri**



[www.azizel.com.tr](http://www.azizel.com.tr)

## Dikey Bağlantılı Soğuk Oda Kilidi / Vertical Connected Lock



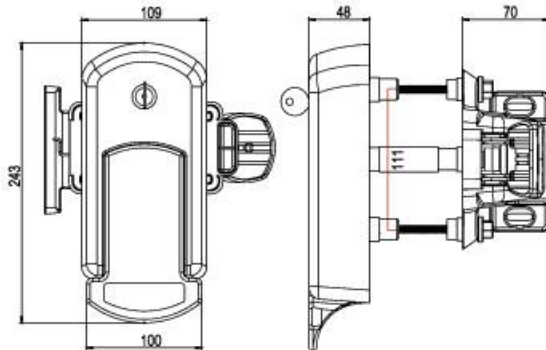
**i-266-DK**

**Ağırlık / Weight: 1200 gr.**

| Kapı Kalınlığı<br>Door Thickness | Bağlantı Cıvatası Boyu<br>Connection Bolt Size | Ara İtici Boyu<br>Interval Pushing Pipe Size | Ara İtici Koruma Boyu<br>Interval Pushing Pipe Protection Size |
|----------------------------------|------------------------------------------------|----------------------------------------------|----------------------------------------------------------------|
| 80 mm                            | 84 mm                                          | 121,5 mm                                     | 67 mm                                                          |
| 100 mm                           | 104 mm                                         | 141,5 mm                                     | 87 mm                                                          |
| 120 mm                           | 124 mm                                         | 161,5 mm                                     | 107 mm                                                         |
| 200 mm                           | 204 mm                                         | 241,5 mm                                     | 187 mm                                                         |

| Kol / Handle                  |      |            |      |      |      |      |      | Gövde / Body |      |            |
|-------------------------------|------|------------|------|------|------|------|------|--------------|------|------------|
| 9004                          | 9810 | Y44PA13060 | 8028 | 4028 | 9114 | 7142 | 9115 | 9004         | 9810 | Y44PA13060 |
|                               |      |            |      |      |      |      |      |              |      |            |
| PA 66 Plastik / PA 66 Plastic |      |            |      |      |      |      |      |              |      |            |

### Teknik Çizim / Technical



**i-266-DK**

**Yükseltme / Height: 2 cm**



**Ağırlık / Weight: 94 gr.**

**i-266-06**

**Ürün Özellikleri**

**PA 66 Gri / PA 66 Grey**

**\*\* Bir buton pil ile 10 yıl kullanım ömrü sağlar.**  
10 years usage with one button battery.

**\*\* Bireysel ve çoklu kullanıma imkan sağlar.**  
Individual or multiple usage possibility.

## Dikey Bağlantılı Soğuk Oda Kilidi / Vertical Connected Lock



Ağırlık / Weight: 1131 gr.

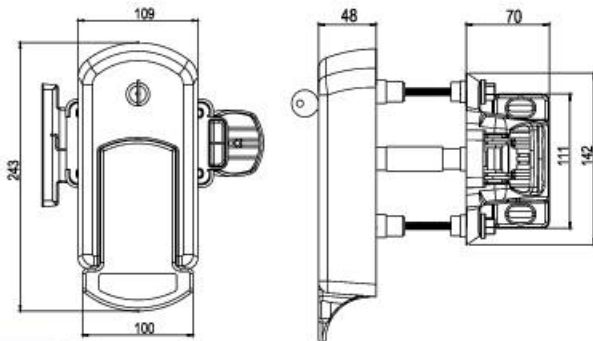
İ-266

| Kapı Kalınlığı<br>Door Thickness | Bağlantı Cıvatası Boyu<br>Connection Bolt Size | Ara İtici Boyu<br>Interval Pushing Pipe Size | Ara İtici Koruma Boyu<br>Interval Pushing Pipe Protection Size |
|----------------------------------|------------------------------------------------|----------------------------------------------|----------------------------------------------------------------|
| 80 mm                            | 84 mm                                          | 121,5 mm                                     | 67 mm                                                          |
| 100 mm                           | 104 mm                                         | 141,5 mm                                     | 87 mm                                                          |
| 120 mm                           | 124 mm                                         | 161,5 mm                                     | 107 mm                                                         |
| 200 mm                           | 204 mm                                         | 241,5 mm                                     | 187 mm                                                         |

| Kol / Handle                  |      |            |      |      |      |      |      | Gövde / Body |      |            |
|-------------------------------|------|------------|------|------|------|------|------|--------------|------|------------|
| 9004                          | 9810 | Y44PA13060 | 8028 | 4028 | 9114 | 7142 | 9115 | 9004         | 9810 | Y44PA13060 |
|                               |      |            |      |      |      |      |      |              |      |            |
| PA 66 Plastik / PA 66 Plastic |      |            |      |      |      |      |      |              |      |            |



Teknik Çizim / Technical



İ-266

Yükseltme / Height: 2 cm



İ-266-06

Ağırlık / Weight: 94 gr.

Ürün Özellikleri

PA 66 Gri / PA 66 Grey



## Dikey Bağlantılı Soğuk Oda Kilidi / Vertical Connected Lock



Ağırlık / Weight: 1149 gr.

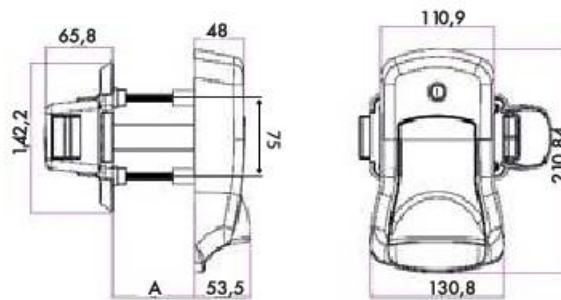
İ-267-D

| Kapı Kalınlığı<br>Door Thickness | Bağlantı Cıvatası Boyu<br>Connection Bolt Size | Ara İtici Boyu<br>Interval Pushing Pipe Size | Ara İtici Koruma Boyu<br>Interval Pushing Pipe Protection Size |
|----------------------------------|------------------------------------------------|----------------------------------------------|----------------------------------------------------------------|
| 80 mm                            | 74 mm                                          | 130 mm                                       | 70 mm                                                          |
| 100 mm                           | 94 mm                                          | 150 mm                                       | 90 mm                                                          |
| 120 mm                           | 114 mm                                         | 170 mm                                       | 110 mm                                                         |
| 200 mm                           | 194 mm                                         | 250 mm                                       | 190 mm                                                         |

| Kol / Handle                  |      |            |      |      |      |      |      | Gövde / Body |      |            |
|-------------------------------|------|------------|------|------|------|------|------|--------------|------|------------|
| 9004                          | 9810 | Y44PA13060 | 8028 | 4028 | 9114 | 7142 | 9115 | 9004         | 9810 | Y44PA13060 |
|                               |      |            |      |      |      |      |      |              |      |            |
| PA 66 Plastik / PA 66 Plastic |      |            |      |      |      |      |      |              |      |            |



### Teknik Çizim / Technical



İ-267-D



Ağırlık / Weight: 954 gr.

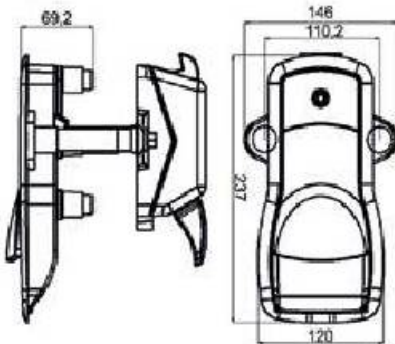
İ-366

| Kapı Kalınlığı<br>Door Thickness | Bağlantı Cıvatası Boyu<br>Connection Bolt Size | Ara İtici Boyu<br>Interval Pushing Pipe Size | Ara İtici Koruma Boyu<br>Interval Pushing Pipe Protection Size |
|----------------------------------|------------------------------------------------|----------------------------------------------|----------------------------------------------------------------|
| 80 mm                            | 60 mm                                          | 91,5 mm                                      | 32 mm                                                          |
| 100 mm                           | 80 mm                                          | 111,5 mm                                     | 52 mm                                                          |
| 120 mm                           | 100 mm                                         | 131,5 mm                                     | 72 mm                                                          |
| 200 mm                           | 180 mm                                         | 211,5 mm                                     | 152 mm                                                         |

| Kol / Handle                  |      |            |      |      |      |      |      | Gövde / Body |      |            |
|-------------------------------|------|------------|------|------|------|------|------|--------------|------|------------|
| 9004                          | 9810 | Y44PA13060 | 8028 | 4028 | 9114 | 7142 | 9115 | 9004         | 9810 | Y44PA13060 |
|                               |      |            |      |      |      |      |      |              |      |            |
| PA 66 Plastik / PA 66 Plastic |      |            |      |      |      |      |      |              |      |            |



Teknik Çizim / Technical



İ-366

Montaj Görüntüsü  
Installation Image



Ürün Özellikleri

PA 66 Gri / PA 66 Grey



Ağırlık / Weight: 1149 gr.

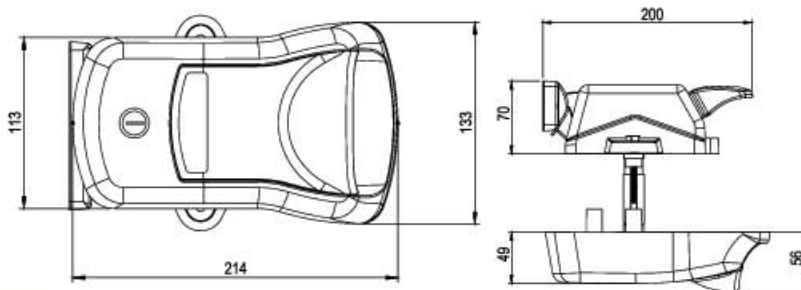
İ-267-Y

| Kapı Kalınlığı<br>Door Thickness | Bağlantı Cıvatası Boyu<br>Connection Bolt Size | Ara İtici Boyu<br>Interval Pushing Pipe Size | Ara İtici Koruma Boyu<br>Interval Pushing Pipe Protection Size |
|----------------------------------|------------------------------------------------|----------------------------------------------|----------------------------------------------------------------|
| 80 mm                            | 74 mm                                          | 130 mm                                       | 70 mm                                                          |
| 100 mm                           | 94 mm                                          | 150 mm                                       | 90 mm                                                          |
| 120 mm                           | 114 mm                                         | 170 mm                                       | 110 mm                                                         |
| 200 mm                           | 194 mm                                         | 250 mm                                       | 190 mm                                                         |

| Kol / Handle                  |      |            |      |      |      |      |      | Gövde / Body |      |            |
|-------------------------------|------|------------|------|------|------|------|------|--------------|------|------------|
| 9004                          | 9810 | Y44PA13060 | 8028 | 4028 | 9114 | 7142 | 9115 | 9004         | 9810 | Y44PA13060 |
|                               |      |            |      |      |      |      |      |              |      |            |
| PA 66 Plastik / PA 66 Plastic |      |            |      |      |      |      |      |              |      |            |



### Teknik Çizim / Technical



İ-267-Y





Ağırlık / Weight: 954 gr.

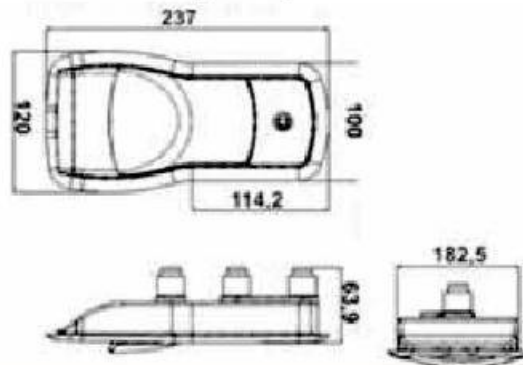
i-367-Y

| Kapı Kalınlığı<br>Door Thickness | Bağlantı Cıvatası Boyu<br>Connection Bolt Size | Ara İtici Boyu<br>Interval Pushing Pipe Size | Ara İtici Koruma Boyu<br>Interval Pushing Pipe Protection Size |
|----------------------------------|------------------------------------------------|----------------------------------------------|----------------------------------------------------------------|
| 80 mm                            | 60 mm                                          | 91,5 mm                                      | 32 mm                                                          |
| 100 mm                           | 80 mm                                          | 111,5 mm                                     | 52 mm                                                          |
| 120 mm                           | 100 mm                                         | 131,5 mm                                     | 72 mm                                                          |
| 200 mm                           | 180 mm                                         | 211,5mm                                      | 152 mm                                                         |

| Kol / Handle                  |      |            |      |      |      |      |      | Gövde / Body |      |            |
|-------------------------------|------|------------|------|------|------|------|------|--------------|------|------------|
| 9004                          | 9810 | Y44PA13060 | 8028 | 4028 | 9114 | 7142 | 9115 | 9004         | 9810 | Y44PA13060 |
|                               |      |            |      |      |      |      |      |              |      |            |
| PA 66 Plastik / PA 66 Plastic |      |            |      |      |      |      |      |              |      |            |



## Teknik Çizim / Technical



i-367-Y





**I-261**

Gövde / Body

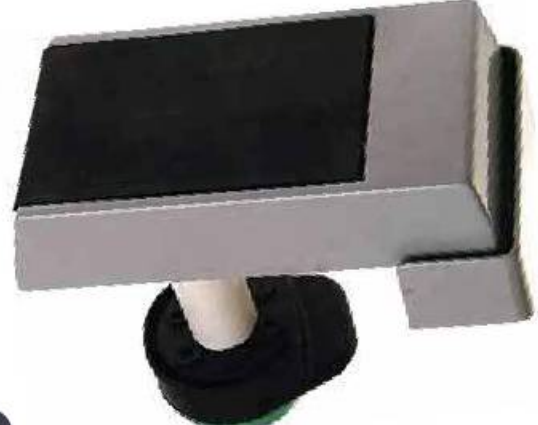
Karşılık / Strike

Elektrostatik Boyalı-Alüminyum

Elektrostatik Boyalı-Zamak

Elektrostatic Painted-Aluminium

Elektrostatic Painted-Zamak



**I-262**

Gövde / Body

Karşılık / Strike

Elektrostatik Boyalı-Alüminyum

PA 66 Plastik

Elektrostatic Painted-Aluminium

PA 66 Plastic



**I-261-P**

Gövde / Body

Karşılık / Strike

PA 66 Plastik

PA 66 Plastik

PA 66 Plastic

PA 66 Plastic



**I-262-P**

Gövde / Body

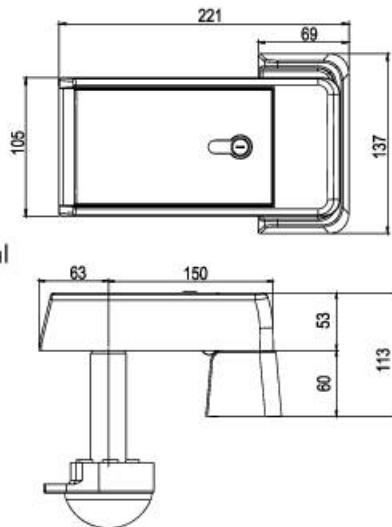
Karşılık / Strike

PA 66 Plastik

PA 66 Plastik

PA 66 Plastic

PA 66 Plastic



Teknik Çizim / Technical

**I-261 / I-261-P / I-262 / I-262-P**

Metal Striker Raising Equipment



Yükseltme 10'lık ve 20'lik  
Raising 10 & 20 mm

**I-261-01-10**

**I-261-01-20**

Ürün Özellikleri

PA 66 Plastik

PA 66 Plastic



Ağırlık / Weight: 1421 gr.

İ-466



İ-466

Gövde / Body

PA 66 Plastik

PA 66 Plastic

Karşılık / Strike

PA 66 Plastik

PA 66 Plastic



İç Emniyet Kilit Görüntüsü  
The View Of The Inner Lock

İ-466-Kilit Montaj

Gövde / Body

PA 66 Plastik

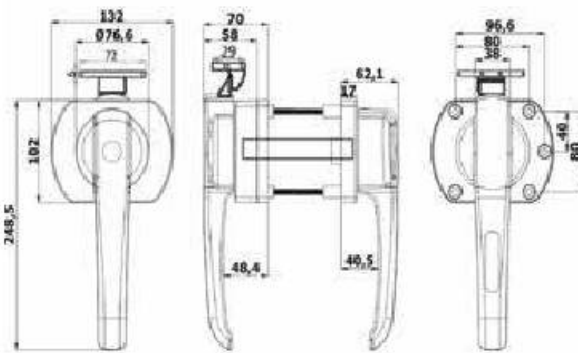
PA 66 Plastic

Karşılık / Strike

PA 66 Plastik

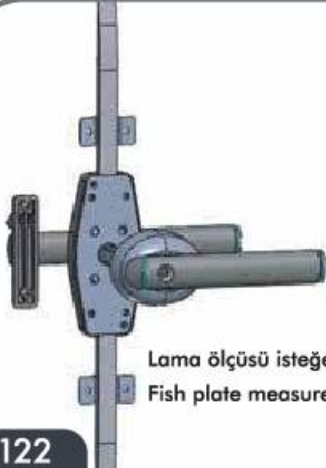
PA 66 Plastic

Teknik Çizim / Technical



İ-466

| Kol / Handle |      |      | Gövde / Body |
|--------------|------|------|--------------|
| 9004         | 9810 | 7142 | 9004         |
|              |      |      |              |



Lama ölçüsü isteğe bağlı verilir ve ayrı fiyatlandırılır.  
Fish plate measure is optional and priced separately.

**I-122**

Gövde / Body

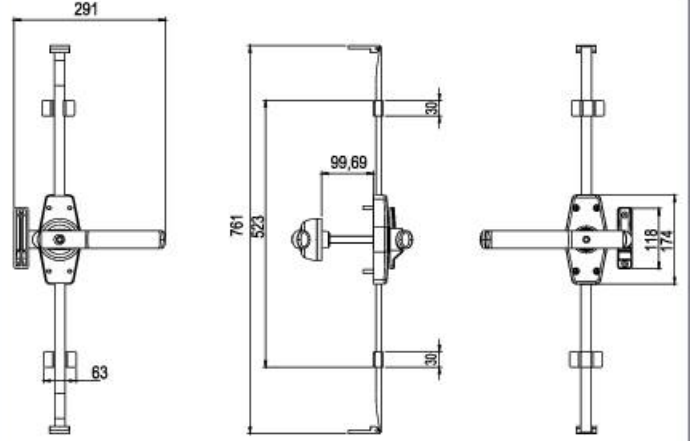
PA 66 Plastik

PA 66 Plastic

Karşılık / Strike

Alüminyum

Aluminium



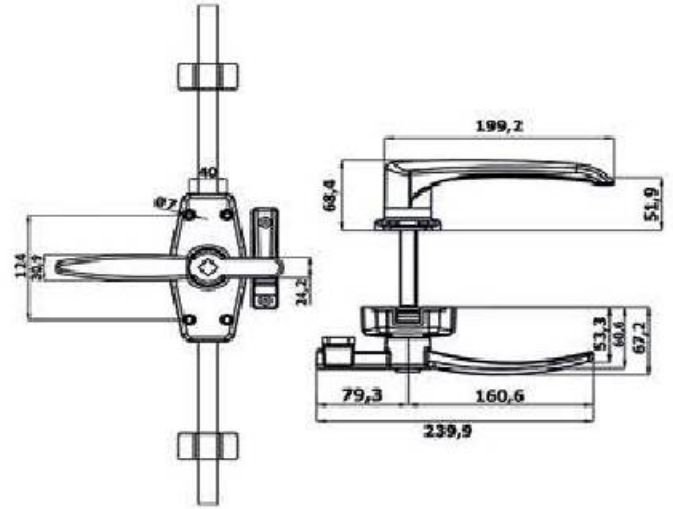
Lama ölçüsü isteğe bağlı verilir ve ayrı fiyatlandırılır.  
Fish plate measure is optional and priced separately.

**I-122-B**

Gövde / Body - Karşılık / Strike

Zamak 5 Krom Kaplama

Zamak 5 Chrome Coated



**I-507-A03**

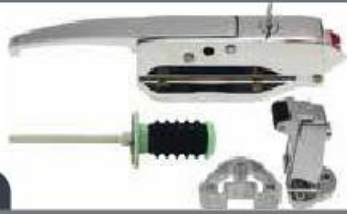
Gövde / Body - Karşılık / Strike

İnox Paslanmaz Çelik

Inox Stainless Steel



**İ-259**



Ağırlık / Weight: 1800 gr.

Gövde / Body

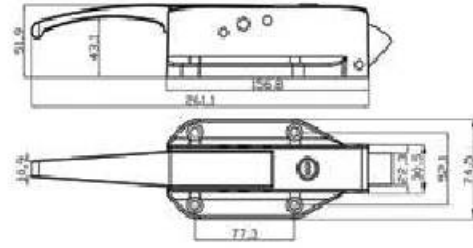
Kol Arm

Alüminyum Kasa

Krom Kaplı

Aluminum Case

Chrome Plated



**İ-259-B**



Ağırlık / Weight: 1626 gr.

Gövde / Body

Kol / Arm

Karşılık / Strike

Zamak 5 Krom

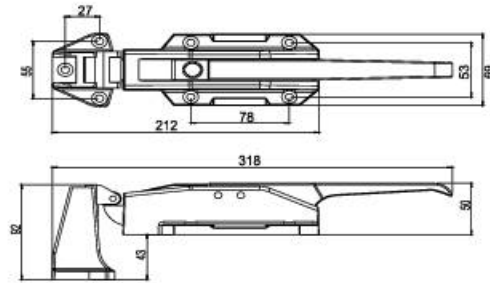
Zamak 5 Krom

Zamak 5 Krom

Zamak 5 Chrome

Zamak 5 Chrome

Zamak 5 Chrome



**İ-259-KK**



Ağırlık / Weight: 1477 gr.

Gövde / Body

Kol / Arm

Karşılık / Strike

Zamak 5 Krom

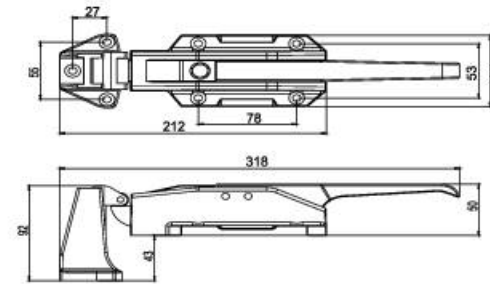
Zamak 5 Krom

Zamak 5 Krom

Zamak 5 Chrome

Zamak 5 Chrome

Zamak 5 Chrome



**İ-22**



Ağırlık / Weight: 1540 gr.

Gövde / Body

Kol / Arm

Karşılık / Strike

Bronz

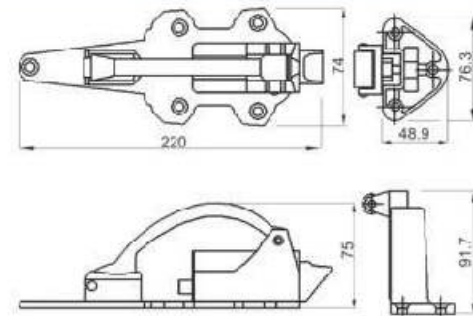
Bronz

Bronz

Bronze

Bronze

Bronze



**İ-23**



Ağırlık / Weight: 3000 gr.

Gövde / Body

Kol / Arm

Karşılık / Strike

DKP Sac

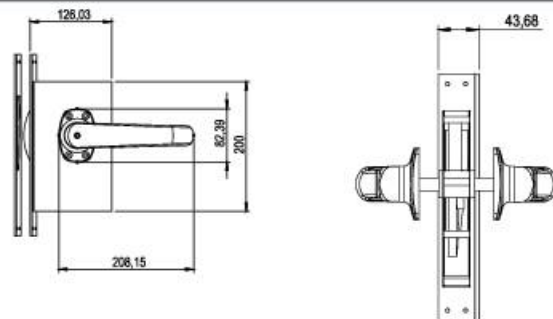
Zamak 5 Krom

Sfero Döküm

DKP Metal Sheet

Zamak 5 Chrome

Sfero Casting







**I-805-A**

Kod / Code

Ebat Dimension

I-805-A

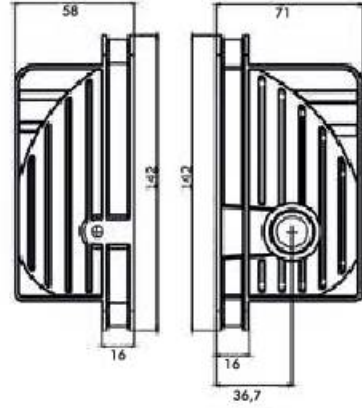
Ø7- Ø7 mm

I-805-A01

Ø7- Ø8 mm

I-805-A02

Ø7- Ø10 mm



**I-805-M**

Kod / Code

Ebat Dimension

I-805-M

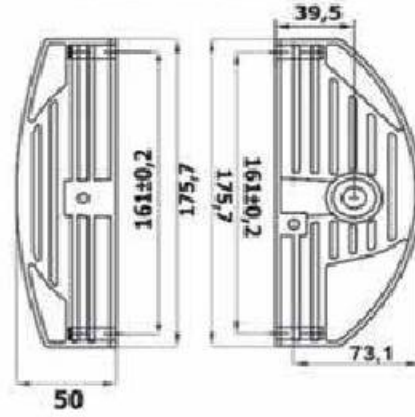
Ø7- Ø7 mm

I-805-M01

Ø7- Ø8 mm

I-805-M02

Ø7- Ø10 mm



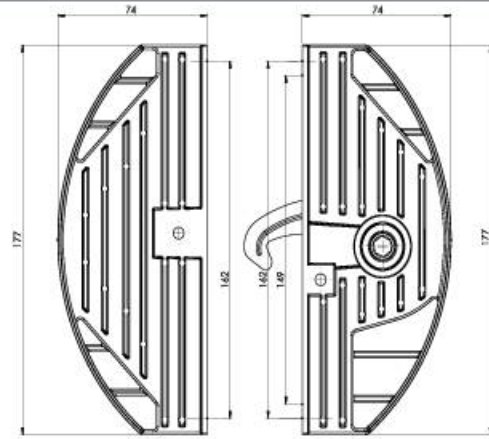
**I-805**

Panel Kilit Gövde Karşılık

Ebat Dimension

Panel Lock Body Strike

Ø7,5- Ø7,5 mm



**I-510**

Materyal/Material

MM

ABS Siyah/ABS Black

60-80-100-120



**I-510-Y**

Materyal/Material

MM

ABS Siyah/ABS Black

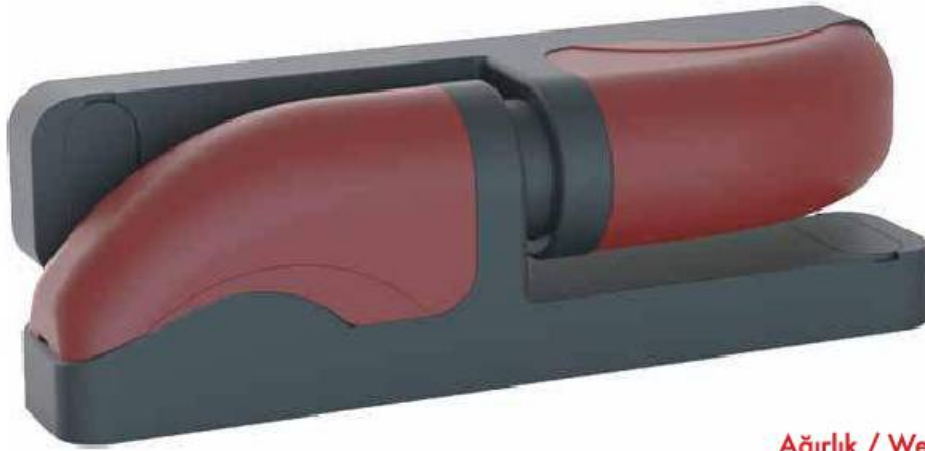
80-100 / 120-150

# Cold Room Hinges

**Soğuk  
Oda  
Menteşeleri**



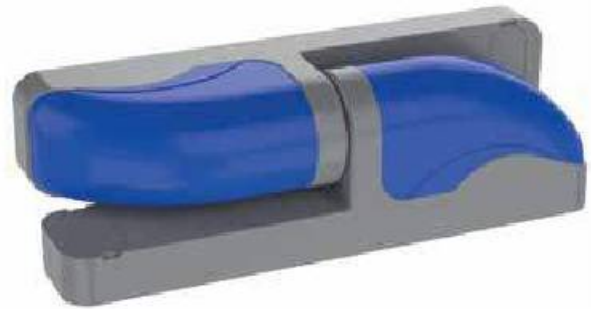
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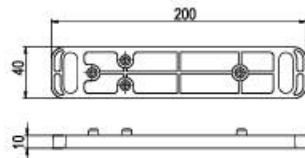
İ-34-10

Ağırlık / Weight: 432,6 gr.

| Kapak / Cover                 |      |            |      |      |      |      |      | Gövde / Body |      |            |
|-------------------------------|------|------------|------|------|------|------|------|--------------|------|------------|
| 9004                          | 9810 | Y44PA13060 | 8028 | 4028 | 9114 | 7142 | 9115 | 9004         | 9810 | Y44PA13060 |
|                               |      |            |      |      |      |      |      |              |      |            |
| PA 66 Plastik / PA 66 Plastic |      |            |      |      |      |      |      |              |      |            |



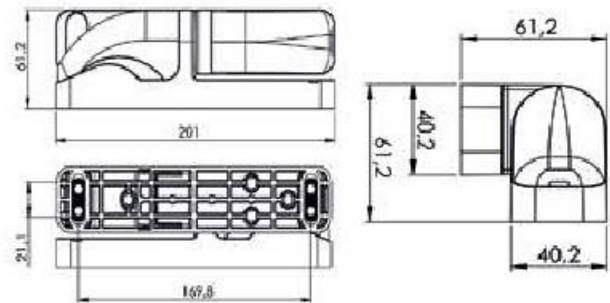
Yükseltme 5'lik ve 10'luk  
Raising 5 & 10 mm



İ-34-10AP

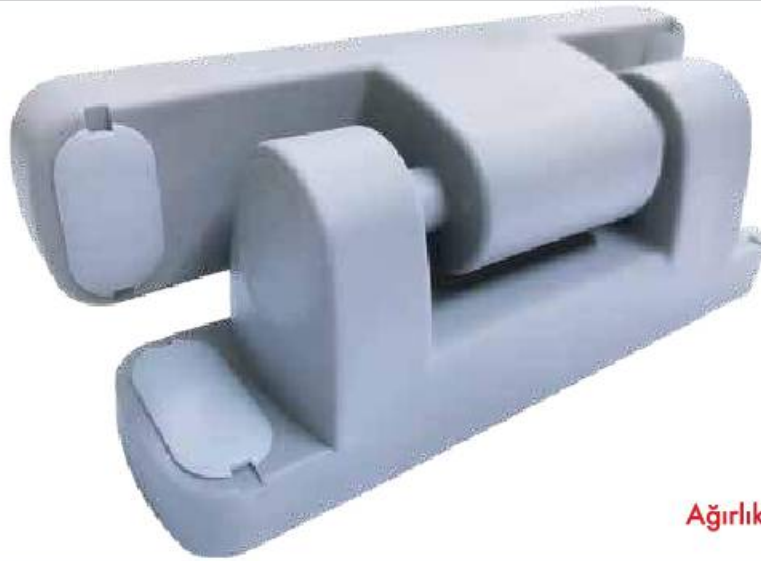
Yükseltme / Raising

Teknik Çizim / Technical



İ-34-10

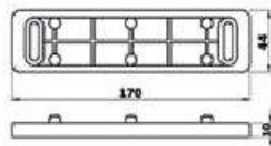
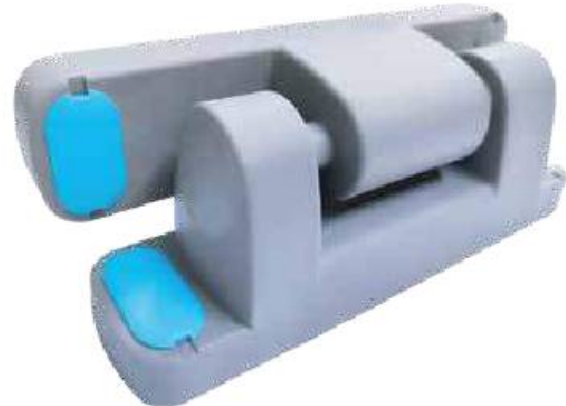
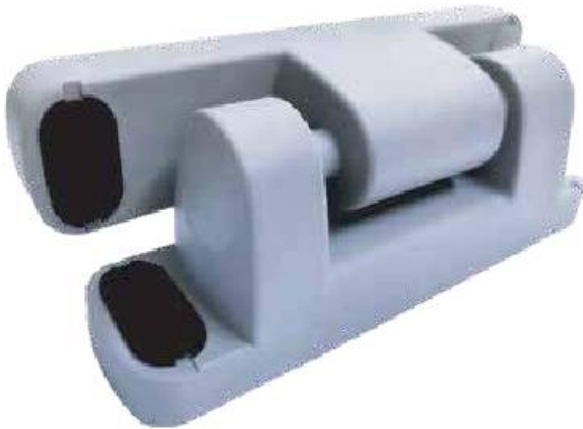




i-34-i

Ağırlık / Weight: 370 gr.

| Kapak / Cover                 |      |            |      |      |      |      |      | Gövde / Body |      |            |
|-------------------------------|------|------------|------|------|------|------|------|--------------|------|------------|
| 9004                          | 9810 | Y44PA13060 | 8028 | 4028 | 9114 | 7142 | 9115 | 9004         | 9810 | Y44PA13060 |
|                               |      |            |      |      |      |      |      |              |      |            |
| PA 66 Plastik / PA 66 Plastic |      |            |      |      |      |      |      |              |      |            |

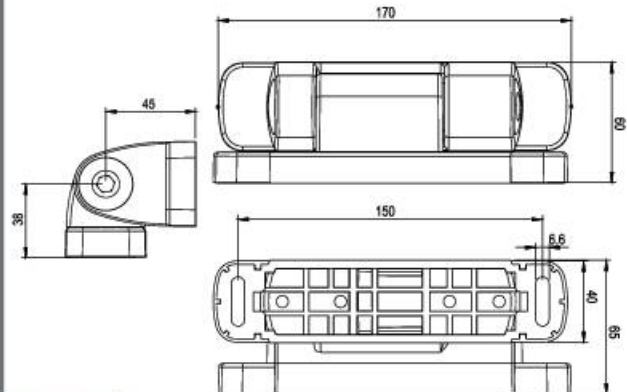


Yükseltme 5'lik ve 10'luk  
Raising 5 & 10 mm

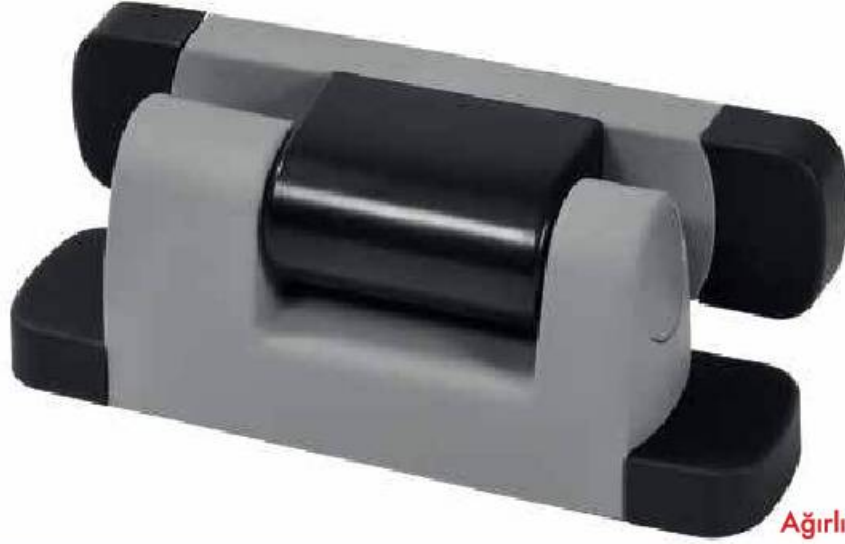
i-34-04

Yükseltme / Raising

Teknik Çizim / Technical



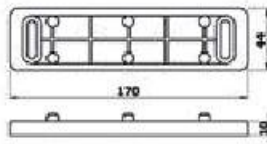
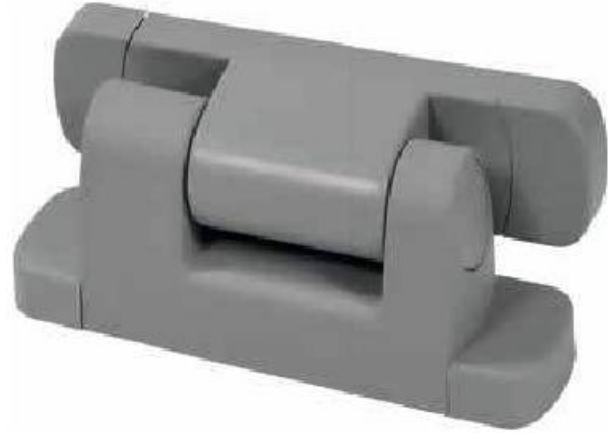
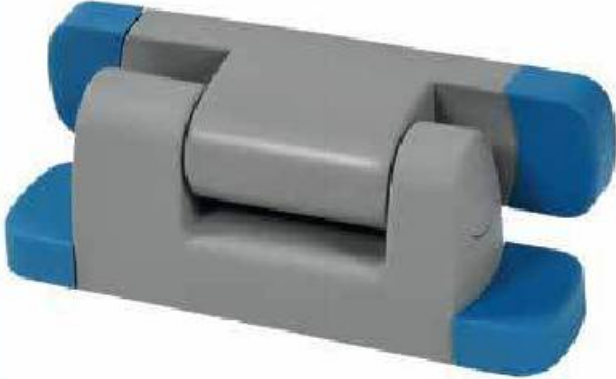
i-34-i



İ-34-Y

Ağırlık / Weight: 366 gr.

| Kapak / Cover                 |      |            |      |      |      |      |      | Gövde / Body |      |            |
|-------------------------------|------|------------|------|------|------|------|------|--------------|------|------------|
| 9004                          | 9810 | Y44PA13060 | 8028 | 4028 | 9114 | 7142 | 9115 | 9004         | 9810 | Y44PA13060 |
|                               |      |            |      |      |      |      |      |              |      |            |
| PA 66 Plastik / PA 66 Plastic |      |            |      |      |      |      |      |              |      |            |



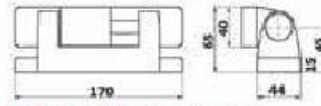
Yükseltme 5'lik ve 10'luk  
Raising 5 & 10 mm

İ-34-04

Yükseltme / Raising

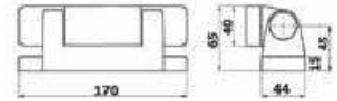
Teknik Çizim / Technical

Ayarlı / Adjustable



Ağırlık / Weight: 370 gr.

Ayarsız / Unadjusted



Ağırlık / Weight: 357 gr.

İ-34-Y



Yükseltme Aparatı  
Raising Equipment

İ-34-03-AP

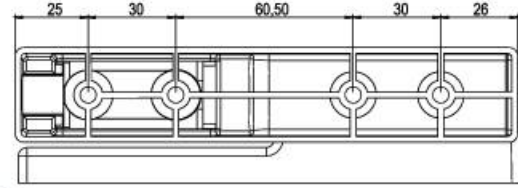
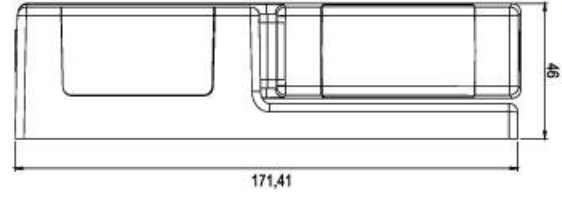
Ağırlık / Weight: 256 gr.

İ-34-03-AP01

İ-34-03

Ürün Özellikleri

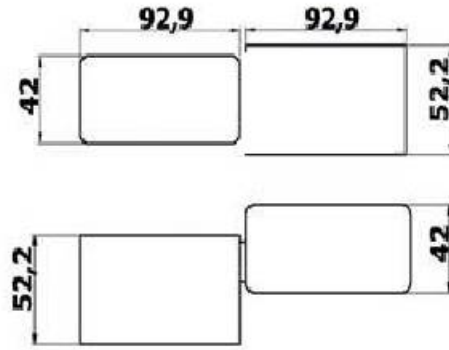
PA 66 Plastik / PA 66 Plastic



İ-34-BR

Ürün Özellikleri

Zamak 5 Krom / Zamak 5 Chrome



Yükseltme Aparatı  
Raising Equipment

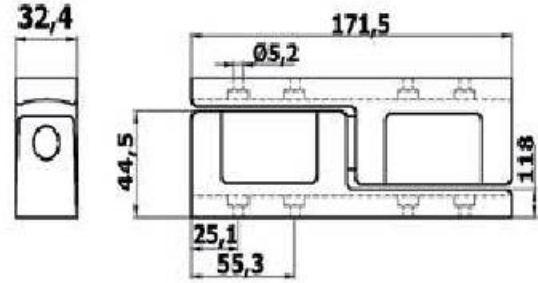
İ-34-03-AP

İ-34-03-AP01

İ-34-03M

Ürün Özellikleri

Zamak 5 Krom / Zamak 5 Chrome / Ayarlı / Adjustable



İ-34-VS

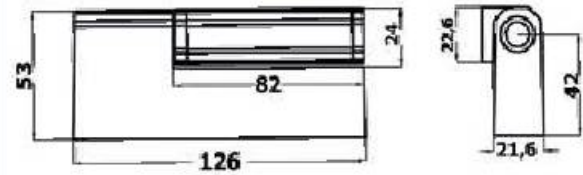
Ağırlık / Weight: 452 gr.

Gövde / Body

Dış Kaplama/Coating

Zamak

Alüminyum/Aluminium

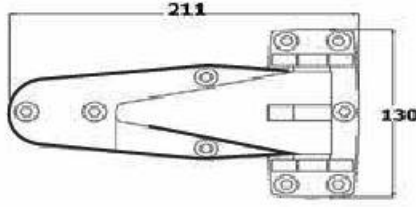






İ-34

Ağırlık / Weight: 727 gr.



Teknik Özellikleri/Technical Details

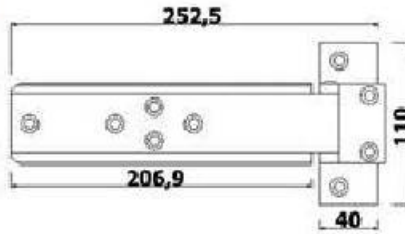
Zamak 5 Krom

Zamak 5 Chrome



İ-106

Ağırlık / Weight: 665 gr.



Teknik Özellikleri/Technical Details

Zamak 5 Krom

Zamak 5 Chrome

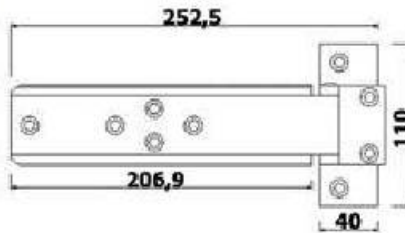
Uzun Ayak Uzun Montaj

Long Foot Long Assembly



İ-107

Ağırlık / Weight: 645 gr.



Teknik Özellikleri/Technical Details

Zamak 5 Krom

Zamak 5 Chrome

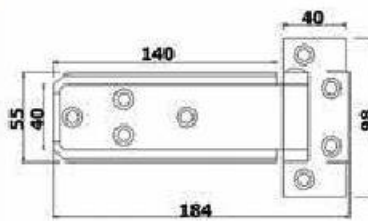
Kısa Ayak Uzun Montaj

Short Foot Long Assembly



İ-108

Ağırlık / Weight: 428 gr.



Teknik Özellikleri/Technical Details

Zamak 5 Krom

Zamak 5 Chrome

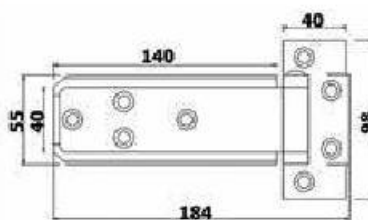
Uzun Ayak Kısa Montaj

Long Foot Short Assembly



İ-109

Ağırlık / Weight: 416 gr.



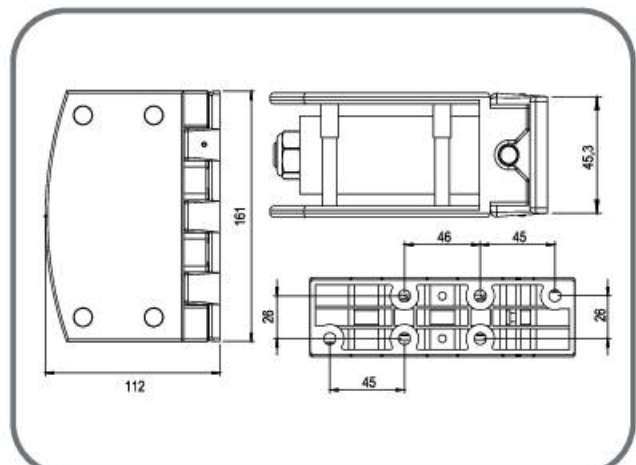
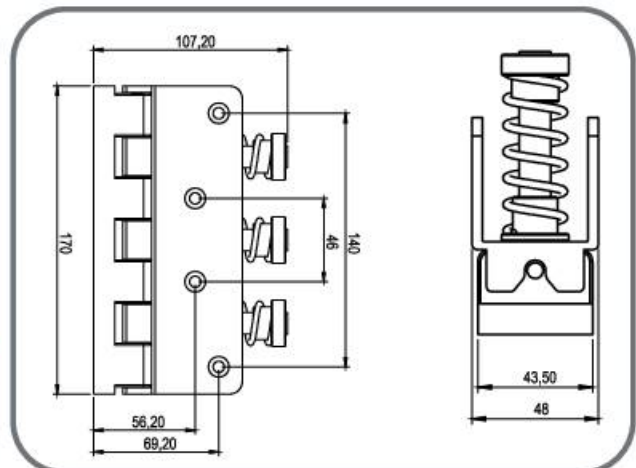
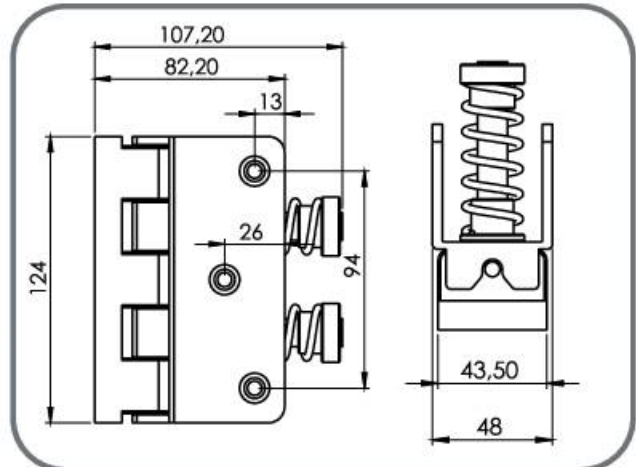
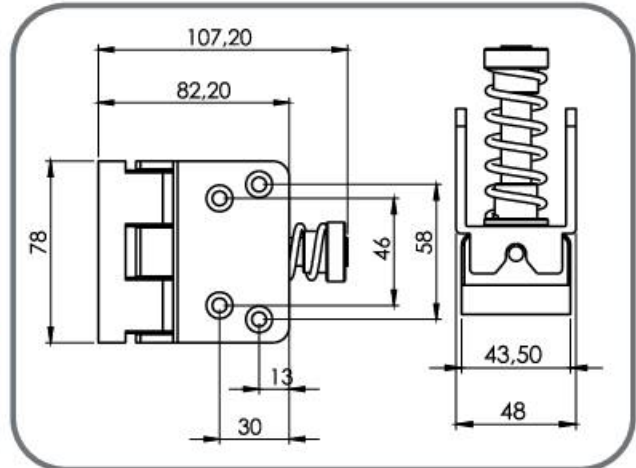
Teknik Özellikleri/Technical Details

Zamak 5 Krom

Zamak 5 Chrome

Kısa Ayak Kısa Montaj

Short Foot Short Assembly



# Cold Room Doors

Soğuk  
Oda  
Kapıları



[www.azizel.com.tr](http://www.azizel.com.tr)





**İ-506**

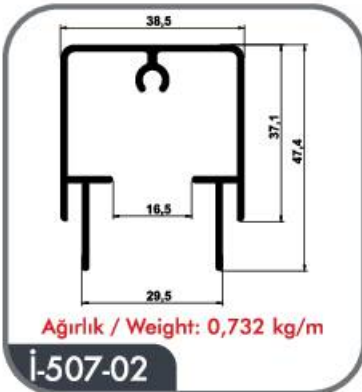
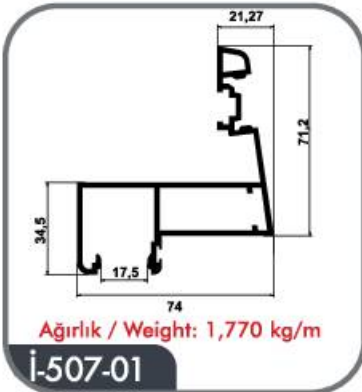


**İ-507-A**

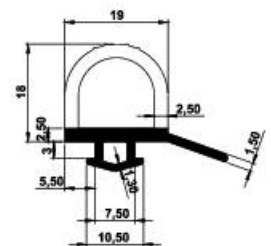
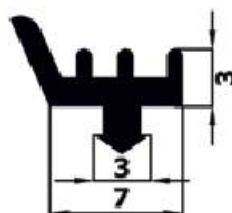
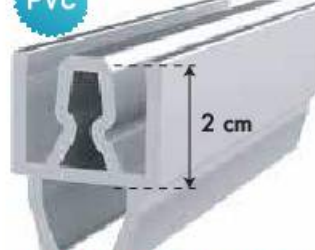
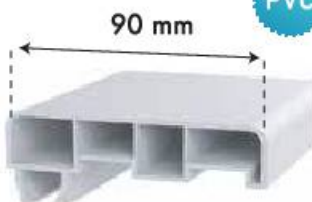


**İ-402**











i-34-Y

PVC



Ağırlık / Weight: 0,380 kg/m

i-757-02

PVC



i-805-05



i-266



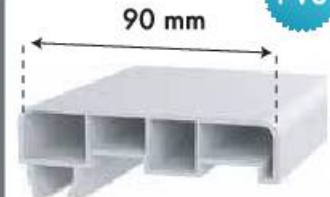
i-505

PVC



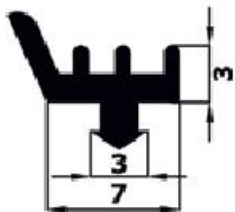
i-800

PVC

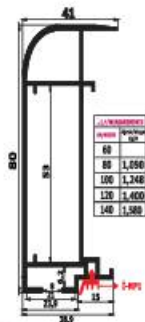


Ağırlık / Weight: 0,780 kg/m

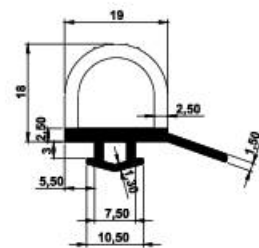
i-757-Y01



i-NP1



i-408-SK



i-408-01B



i-757-Y03-800



i-507



i-266

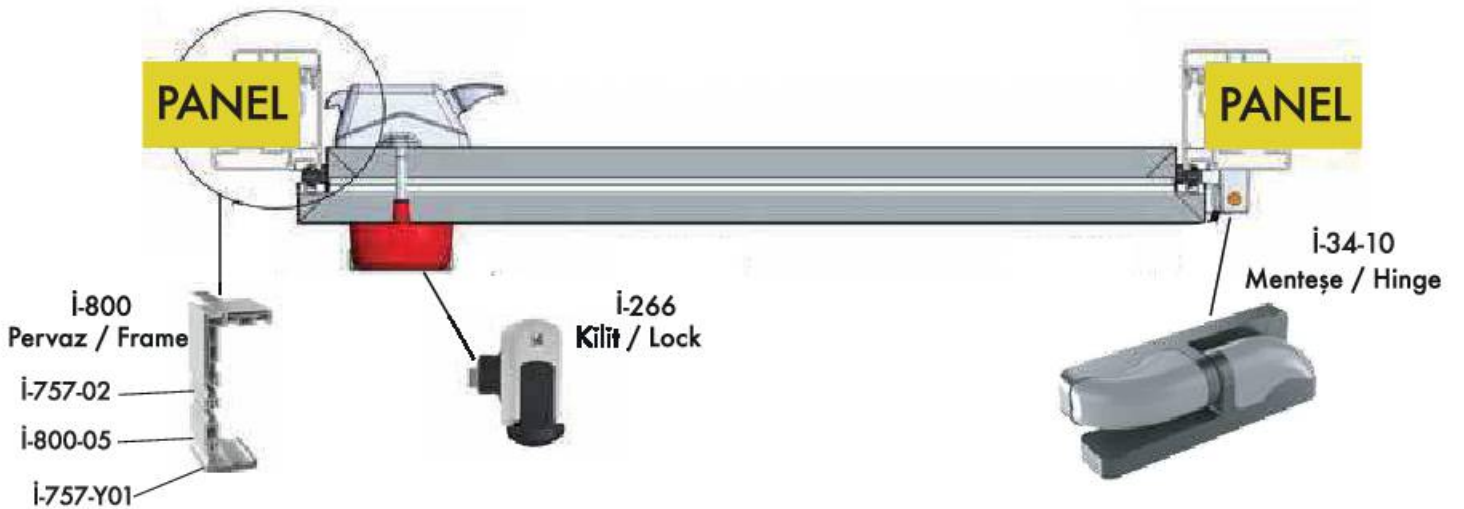


i-3410

- İstenilen ölçülerde üretim yapılabilir.
- İsteğe bağlı rezistanslı veya rezistanssız üretilebilir.
- İsteğe bağlı eşikli veya eşiksiz olarak üretilebilir.
- İsteğe bağlı olarak lumbuz takılabilir.

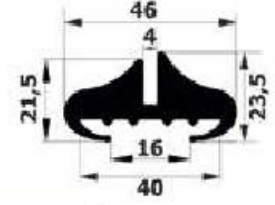
- Any dimensions are optional.
- With thermal barrier or not are optional.
- With threshold or not are optional.
- With porthole or not are optional.

| Genişlik / Width | Uzunluk / Length | Panel Kalınlığı<br>Panel Thickness (cm) |
|------------------|------------------|-----------------------------------------|
| 80 cm            | 180 cm           | 8 & 10 & 12                             |
| 90 cm            | 190 cm           | 8 & 10 & 12                             |
| 120 cm           | 200 cm           | 8 & 10 & 12                             |

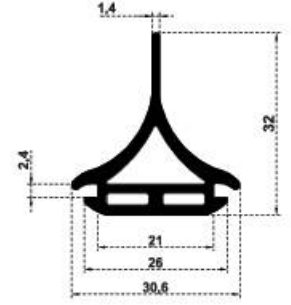




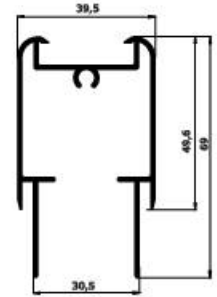
i-402



i-402-07

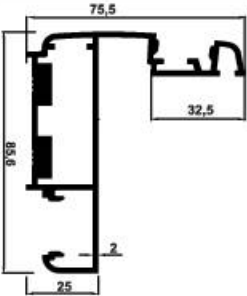


i-TK-11B



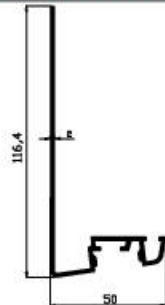
Ağırlık / Weight: 0,92 kg/m

i-402-02-01



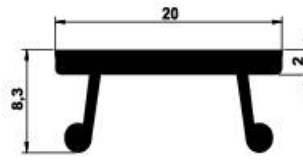
Ağırlık / Weight: 2,149 kg/m

i-402-01



Ağırlık / Weight: 1,161 kg/m

i-402-04



Ağırlık / Weight: 0,165 kg/m

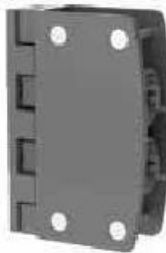
i-402-05



i-763-ALM



i-402-GC



i-34-K



i-34-K02



i-402-TK



İ-760-P



Kızak Grubu / **Skid Group** İ-760P

Pervaz Grubu / **Sill Group** İ-756-Y-800

Kanat Grubu / **Wing Group** İ-408-SK

İ-268-R ürünü set içerisinde bulunmamaktadır, isteğe bağlı sete eklenebilir.

**İ-268-R is optional. Please specify in your order.**

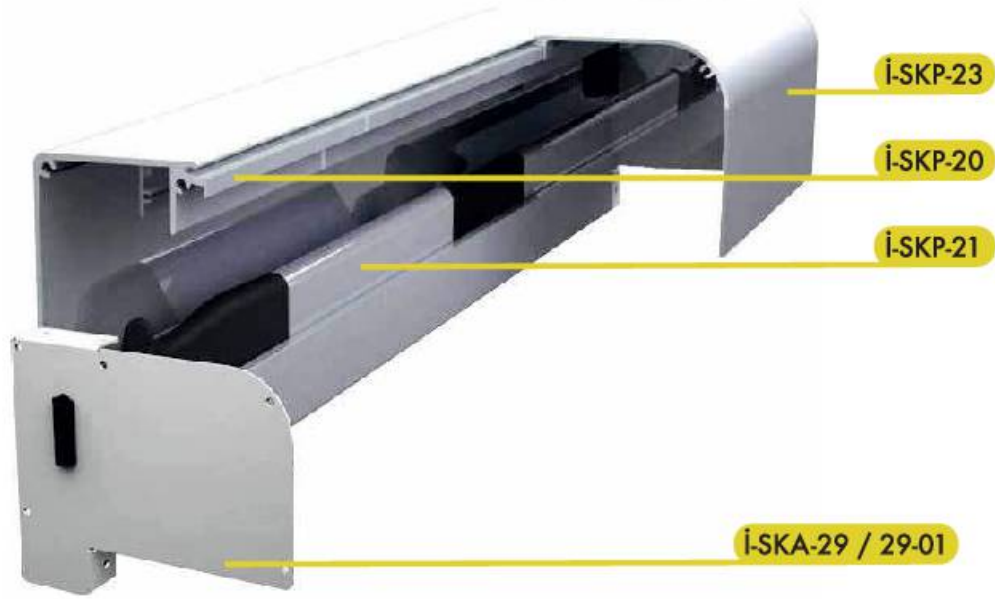
İ-760-İ



İ-SKA-80 / İ-SKA-80-R ürünü set içerisinde bulunmamaktadır, isteğe bağlı sete eklenebilir.

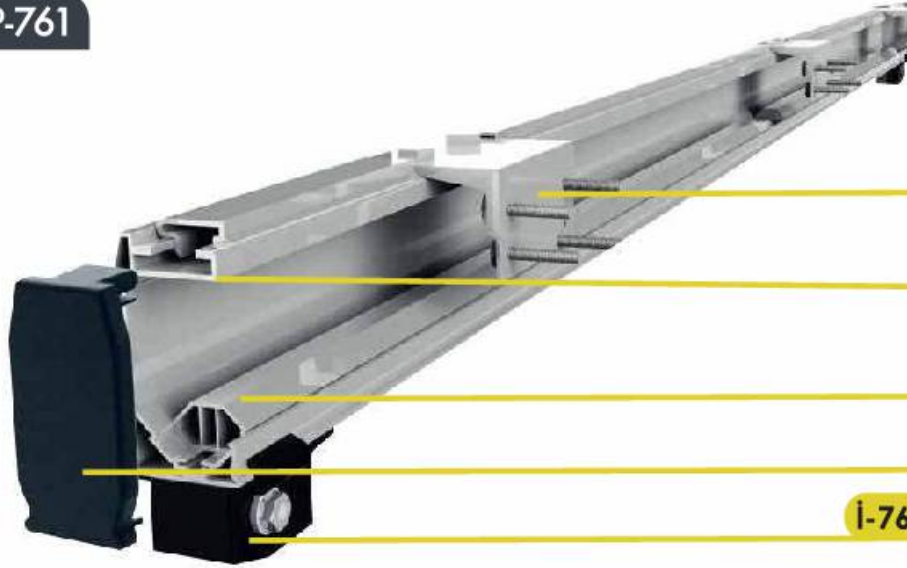
İ-SKA-80 / İ-SKA-80-R is optional. Please specify in your order.

**İ-SKP-760**





İ-SKP-761



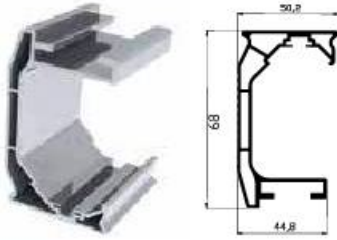
İ-762-04

İ-761-01

İ-761-03

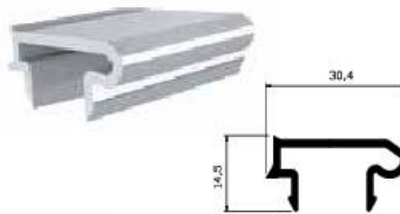
İ-761-12

İ-761-10 / İ-761-13



İ-761-01

Ağırlık / Weight: 1,655 kg/m  
Alüminyum / Aluminium



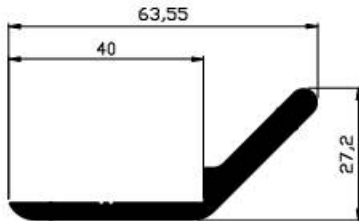
İ-761-02

Ağırlık / Weight: 0,275 kg/m  
Alüminyum / Aluminium



İ-761-03

Ağırlık / Weight: 0,435 kg/m  
Alüminyum / Aluminium



İ-761-04

Ağırlık / Weight: 1,696 kg/m  
Alüminyum / Aluminium



İ-762-04

Ağırlık / Weight: 2,835 kg/m  
Alüminyum / Aluminium



İ-761-07

Ağırlık / Weight: 0,695 kg/m  
Alüminyum / Aluminium



İ-761-11

PA 66 Plastik  
PA 66 Plastic



İ-761-12

PA 66 Plastik  
PA 66 Plastic

Sağ - Right



İ-761-10

Kauçuk  
Rubber

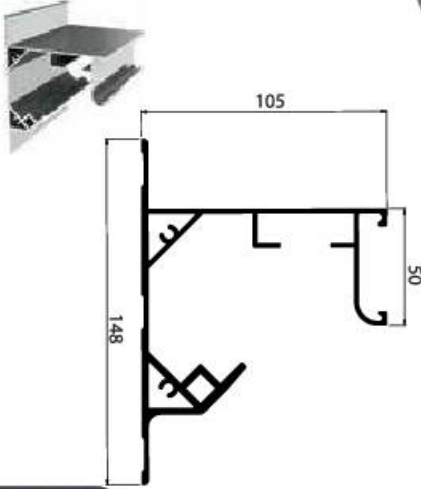
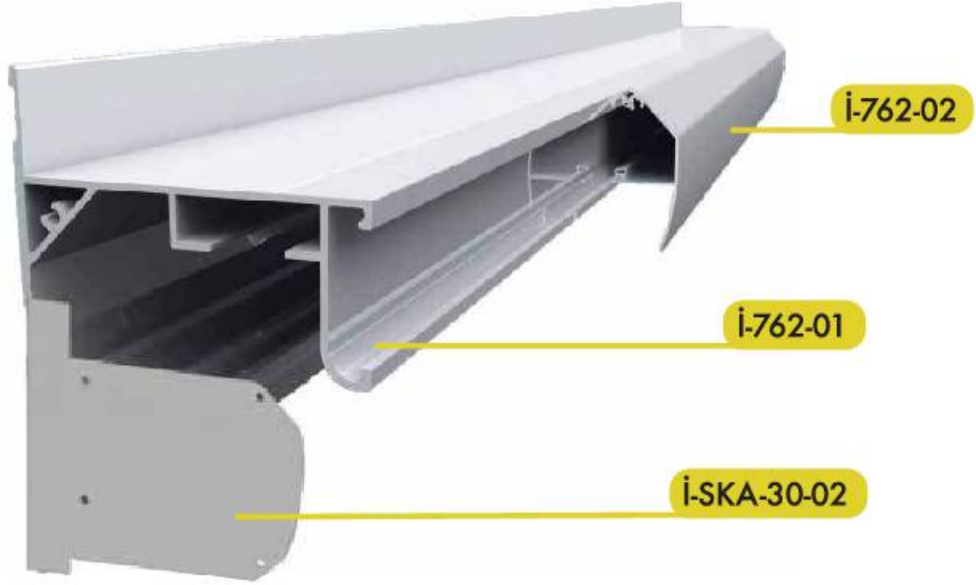
Sol - Left



İ-761-13

Kauçuk  
Rubber

İ-SKP-762



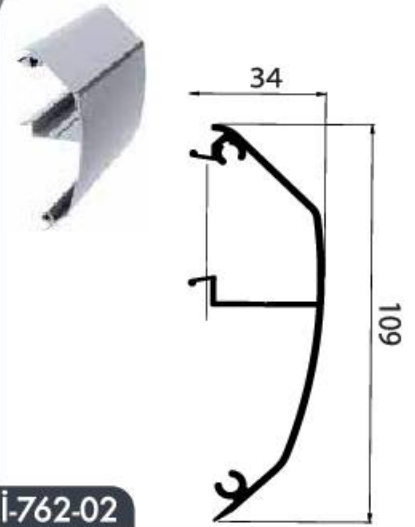
İ-762-01

Ağırlık / Weight: 3,390 kg/m

Alüminyum / Aluminium



İ-SKA-30-02



İ-762-02

Ağırlık / Weight: 0,965 kg/m

Alüminyum / Aluminium



İ-SKP-RP32

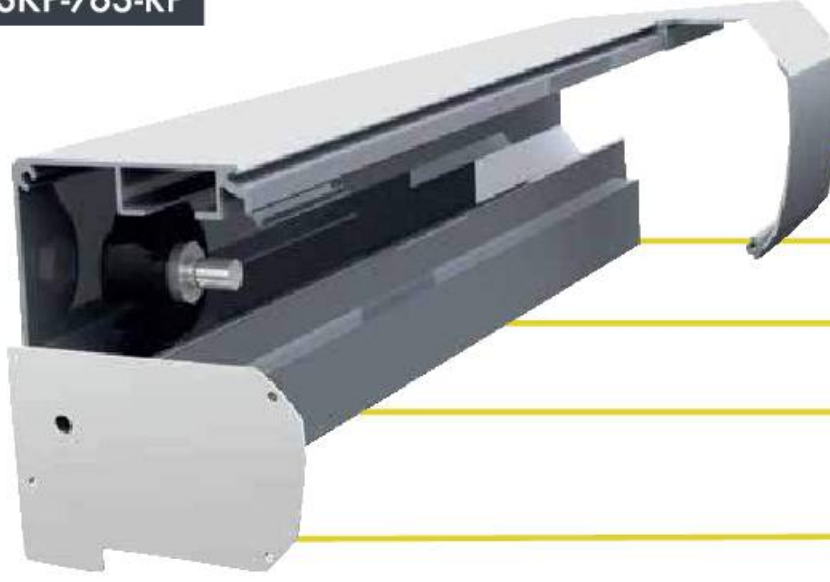
Kauçuk  
Rubber



İ-762-P-1

Ağırlık / Weight: 9,5 gr  
Delrin

**İ-SKP-763-RP**



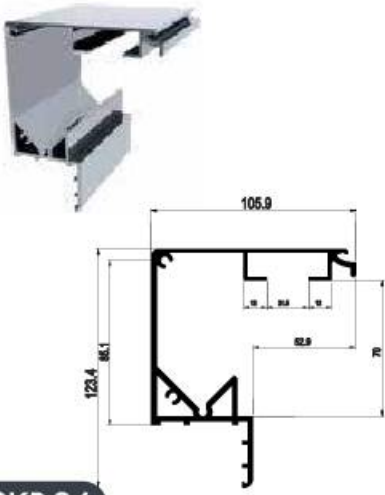
İ-SKP-28

İ-SKP-27

İ-SKA-01-RP

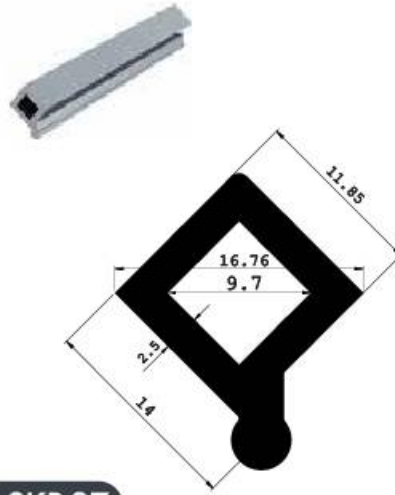
İ-SKP-26

İ-SKA-30



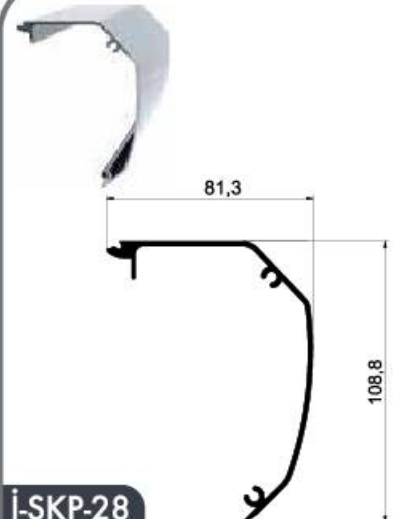
**İ-SKP-26**

Ağırlık / Weight: 2,918 kg/m  
Alüminyum / Aluminium



**İ-SKP-27**

Ağırlık / Weight: 0,278 kg/m  
Alüminyum / Aluminium



**İ-SKP-28**

Ağırlık / Weight: 1,028 kg/m  
Alüminyum / Aluminium



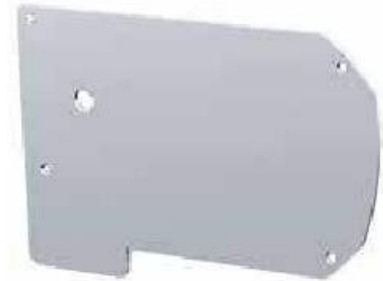
**İ-SKP-RP32**

Kauçuk  
Rubber



**İ-762-P-1**

Ağırlık / Weight: 9,5 gr  
Delrin

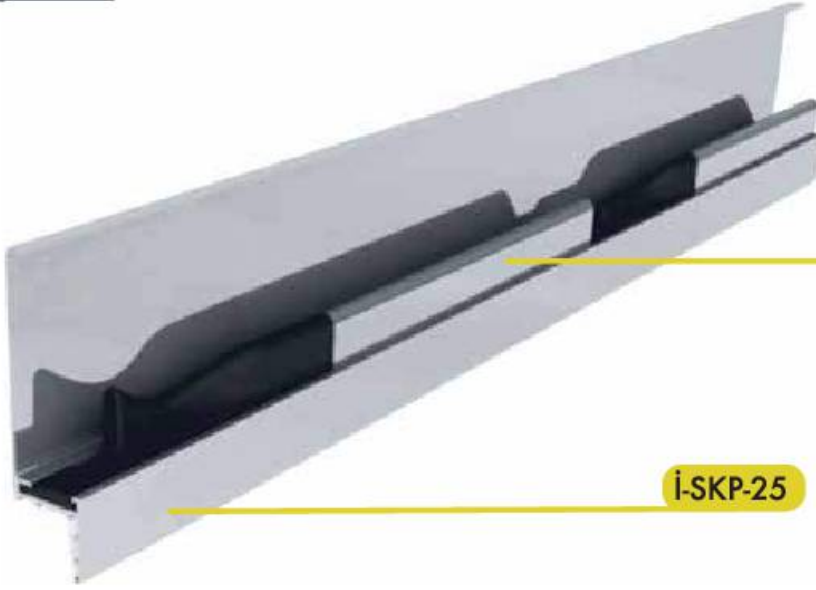


**İ-SKA-30**

Sağ-Sol / Right-Left  
Inox Stainless Steel

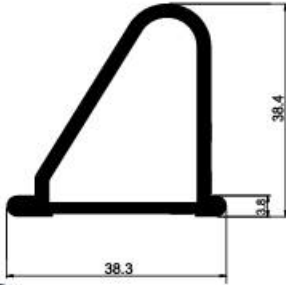


## İ-SKP-İM



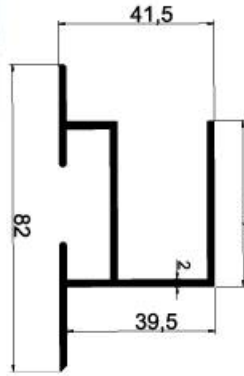
İ-SKP-21

İ-SKP-25



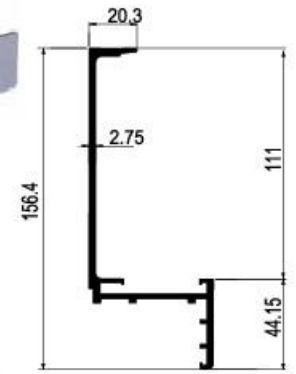
İ-SKP-21

Ağırlık / Weight: 0,802 kg/m  
Alüminyum / Aluminium



İ-SKP-24

Ağırlık / Weight: 0,278 kg/m  
Alüminyum / Aluminium



İ-SKP-25

Ağırlık / Weight: 1,923 kg/m  
Alüminyum / Aluminium



İ-SKP-RP32

Kauçuk  
Rubber



İ-SKA-24-K

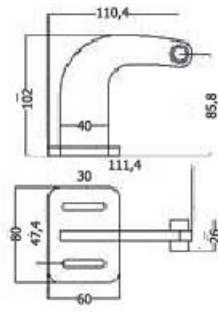
Ağırlık / Weight: 660 gr



Sağ/Right

İ-SKA-09-02

İnox Paslanmaz Çelik/Inox Stainless Steel



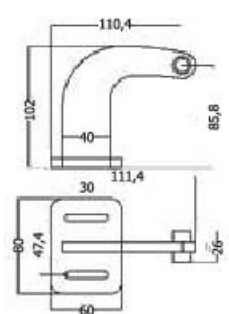
Ağırlık / Weight: 660 gr



Sol/Left

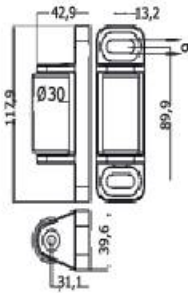
İ-SKA-09-03

İnox Paslanmaz Çelik/Inox Stainless Steel



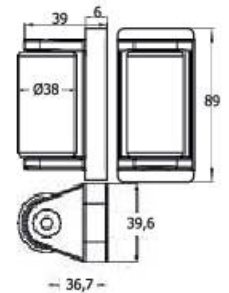
İ-SKA-06-01

İnox Paslanmaz Çelik/Inox Stainless Steel



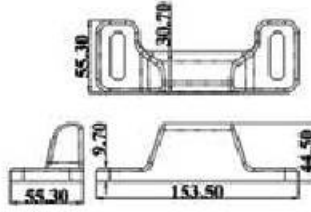
Ağırlık / Weight: 200 gr

İ-SKA-04-01



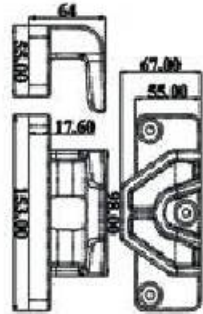
Ağırlık / Weight: 74 gr

İ-SKA-04



İ-SKA-06 Ağırlık / Weight: 317gr

İnox Paslanmaz Çelik/Inox Stainless Steel



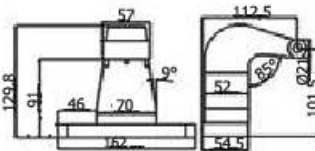
Sağ/Right

YENİ  
NEW



Ağırlık / Weight: 408 gr

İ-SKA-09



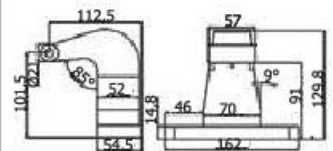
Sol/Left

YENİ  
NEW



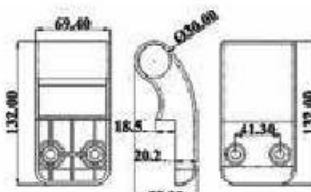
Ağırlık / Weight: 408 gr

İ-SKA-09-01



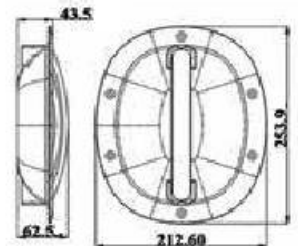
Ağırlık / Weight: 454 gr

İ-SKA-11



Ağırlık / Weight: 395 gr

İ-SKA-28

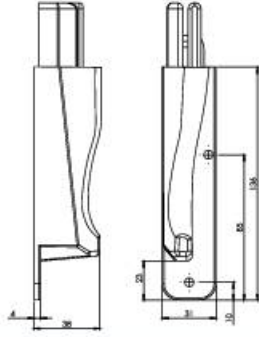


Sağ/Right



Ağırlık / Weight: 87 gr

İ-SKA-10

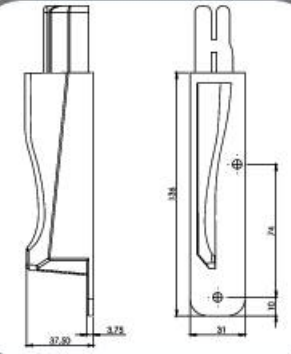


Sol/Left



Ağırlık / Weight: 87 gr

İ-SKA-14

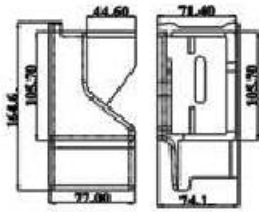


Sağ/Right



Ağırlık / Weight: 243 gr

İ-SKA-13

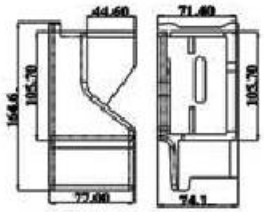


Sol/Left



Ağırlık / Weight: 243 gr

İ-SKA-15

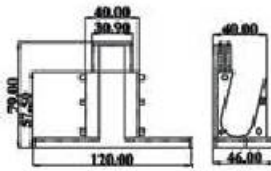


YENİ  
NEW



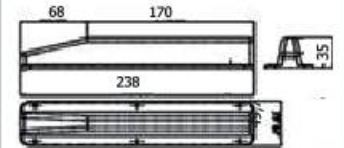
Ağırlık / Weight: 75 gr

İ-SKA-02



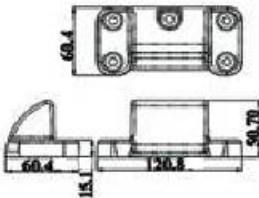
Ağırlık / Weight: 68 gr

İ-SKA-16



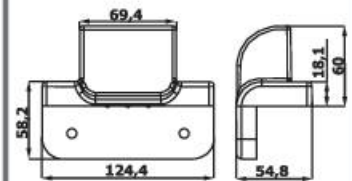
Ağırlık / Weight: 96 gr

İ-SKA-17



Ağırlık / Weight: 237 gr

İ-SKA-17-01



Alüminyum / Aluminium

İ-SKA-38-01



İ-SKA-24-K



Ağırlık / Weight: 338 gr

İ-145

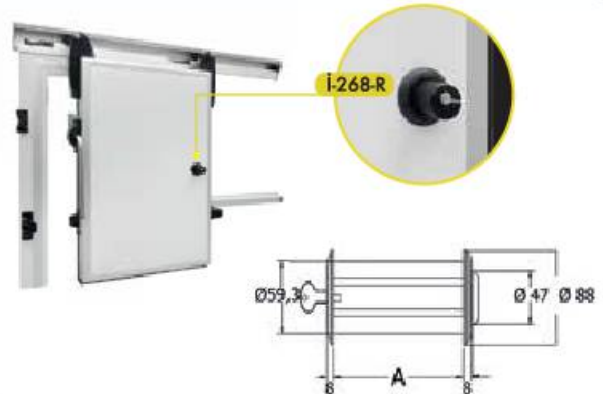


Ağırlık / Weight: 454 gr

İ-146



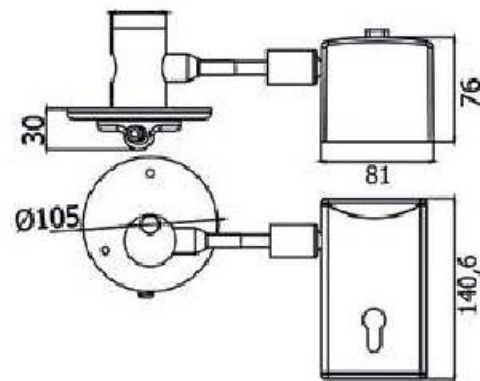
## i-268-R



| Kod / Code | Ölçüler / Measurements |     |     | Gövde/Body                  |
|------------|------------------------|-----|-----|-----------------------------|
| İ-268-R    | 60                     | 92  | 125 | PA 66 Plastik/PA 66 Plastic |
|            | 75                     | 100 | 140 | Karşılık/Strike             |
|            | 80                     | 120 | 150 | Poliamid / Polyamide        |

**\*\*75'lik ölçünün altındaki taleplerde yükseltme kullanılmaktadır. (60'lık ölçü özel üretimdir.)**

**\*\*If you want any size below 75, you can use elevation equipment. (60 mm is special production.)**



## i-268-F

Gövde / Body

ABS

## Karşılık / Strike

Alüminyum / Aluminium



**Ağırlık / Weight: 3,330 gr**

Sağ-Sol Uyumlu  
Compatible with Right-Left

## i-SKA-01

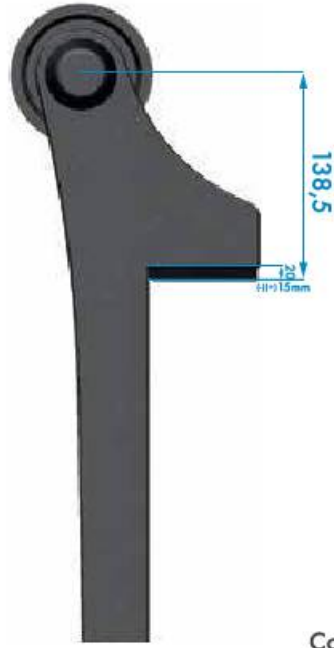


**Ağırlık / Weight: 3,330 gr**

Sağ-Sol Uyumlu  
Compatible with Right-Left

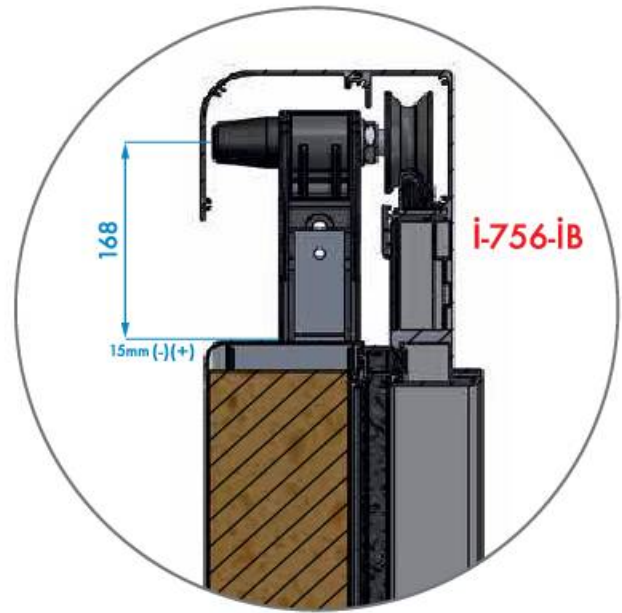
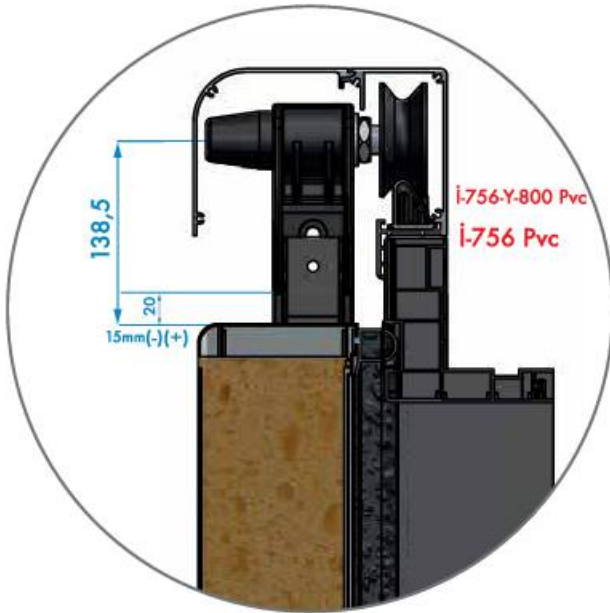
## i-SKA-01-RP

**YENİ  
NEW**



Sağ-Sol Uyumlu  
Compatible with Right-Left

İ-SKA-01-2021



Detail-X





**İ-SKA-18-01RP**

Sağ-Sol Uyumlu  
Compatible with Right-Left

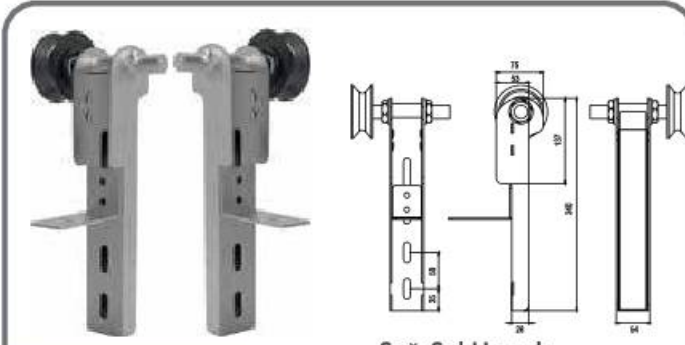
İnox Paslanmaz Çelik / Inox Stainless Steel



**İ-SKA-03R**

Sağ-Sol Uyumlu  
Compatible with Right-Left

Alüminyum / Aluminium



**İ-SKA-18-02**

Sağ-Sol Uyumlu  
Compatible with Right-Left

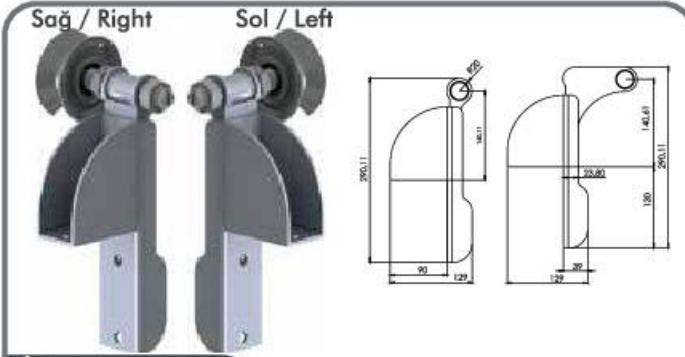
İnox Paslanmaz Çelik / Inox Stainless Steel



**İ-SKA-19**

Sağ-Sol Uyumlu  
Compatible with Right-Left

Alüminyum Döküm / Aluminium Casting



**İ-SKA-20/21**

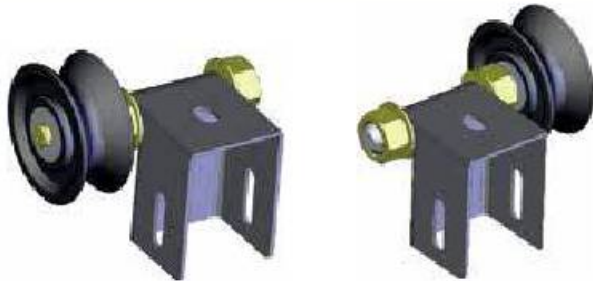
İnox Paslanmaz Çelik / Inox Stainless Steel



**İ-SKA-19F**

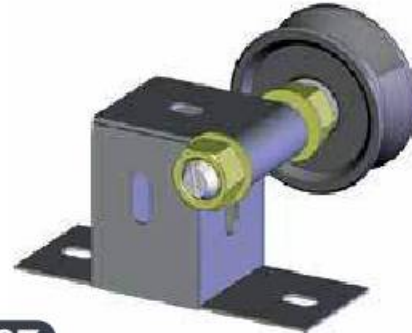
Sağ-Sol Uyumlu  
Compatible with Right-Left

Alüminyum Profil / Aluminium Profile



**İ-SKA-26/26-01**

İnox Paslanmaz Çelik / Inox Stainless Steel



**İ-SKA-27**

İnox Paslanmaz Çelik / Inox Stainless Steel

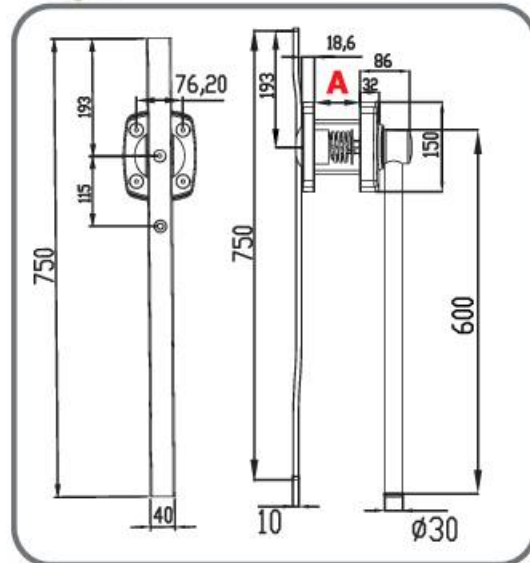


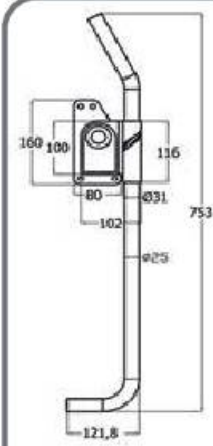
## İ-SKA-80



## İ-SKA-80-R

Rampalı/High Adjustment





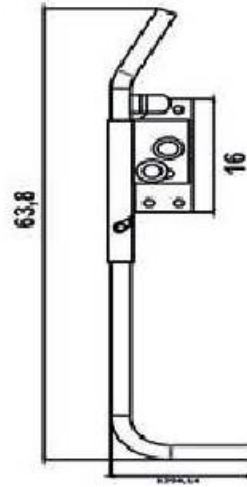
Sağ / Right

Sol / Left



İ-SKA-36/İ-SKA-37

İnox Paslanmaz Çelik / Inox Stainless Steel



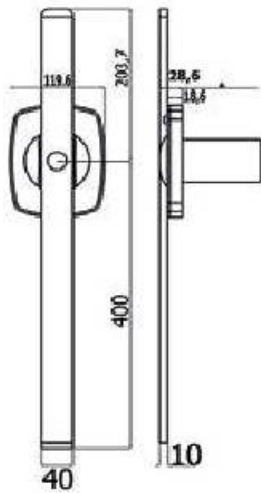
Sağ / Right

Sol / Left



İ-SKA-07HD/İ-SKA-07-01-HD

İnox Paslanmaz Çelik / Inox Stainless Steel



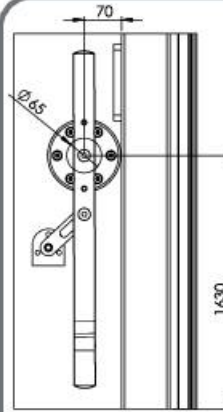
Sağ / Right

Sol / Left



İ-SKA-80-01/İ-SKA-80-02

İnox Paslanmaz Çelik / Inox Stainless Steel

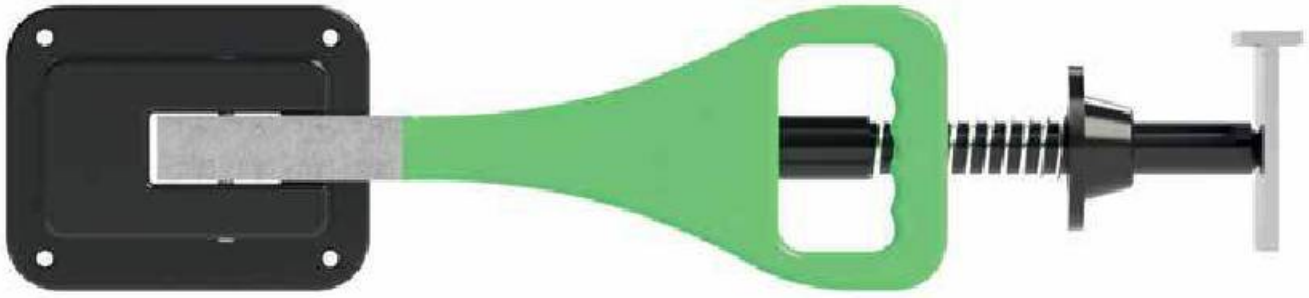


Sağ-Sol Uyumlu  
Compatible with Right-Left



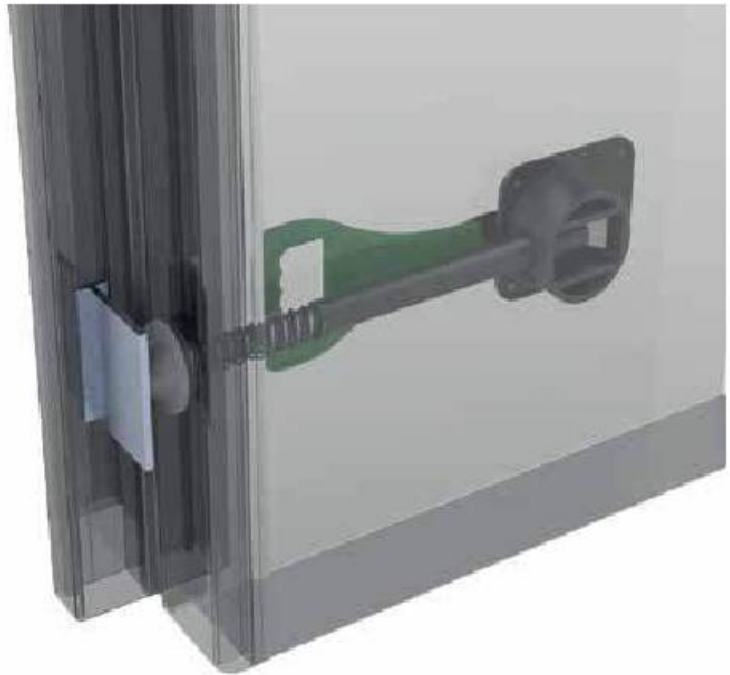
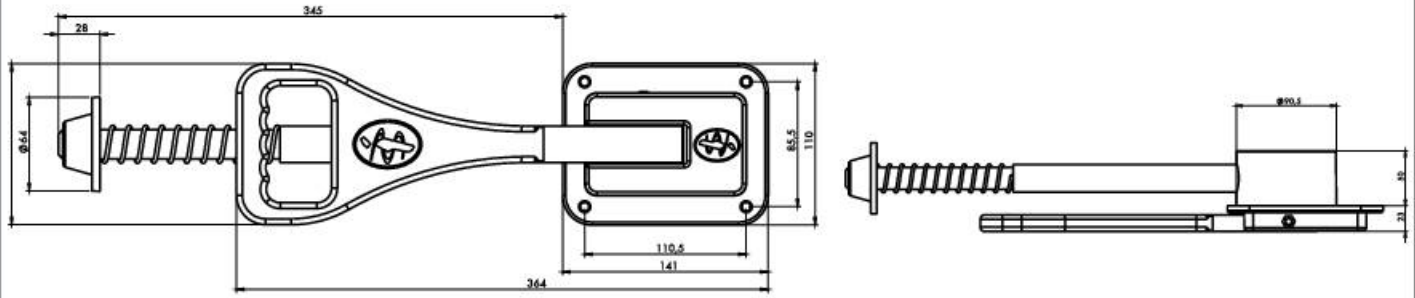
İ-SKA-90

İnox Paslanmaz Çelik / Inox Stainless Steel



İSKA-91

Sağ ve sol ile uyumludur. Compatible with right and left.

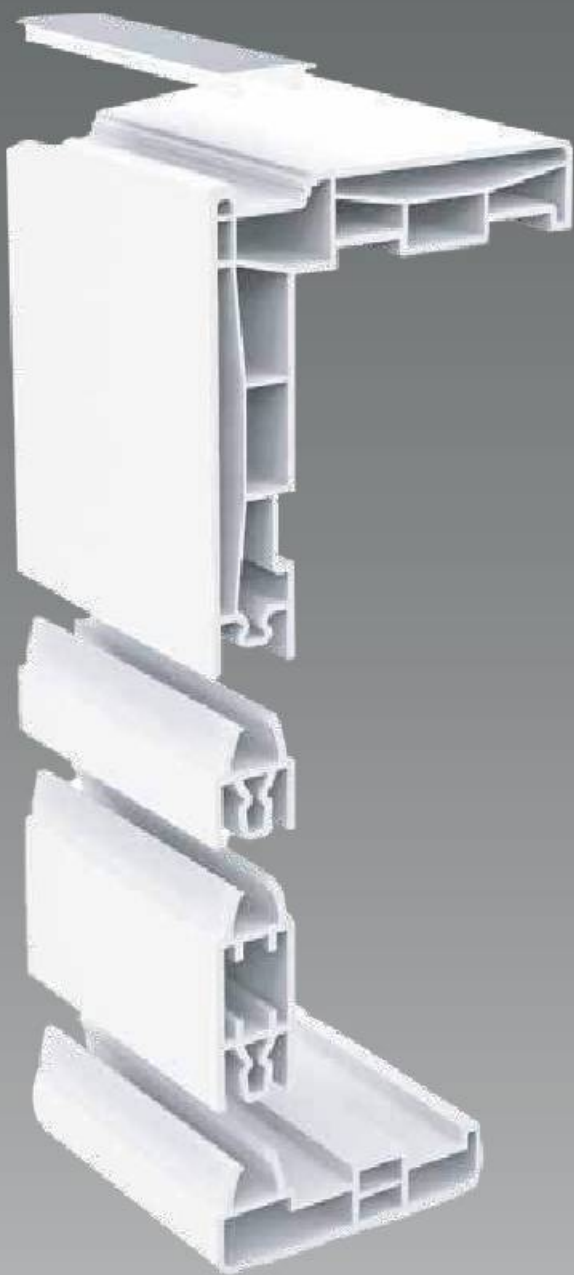




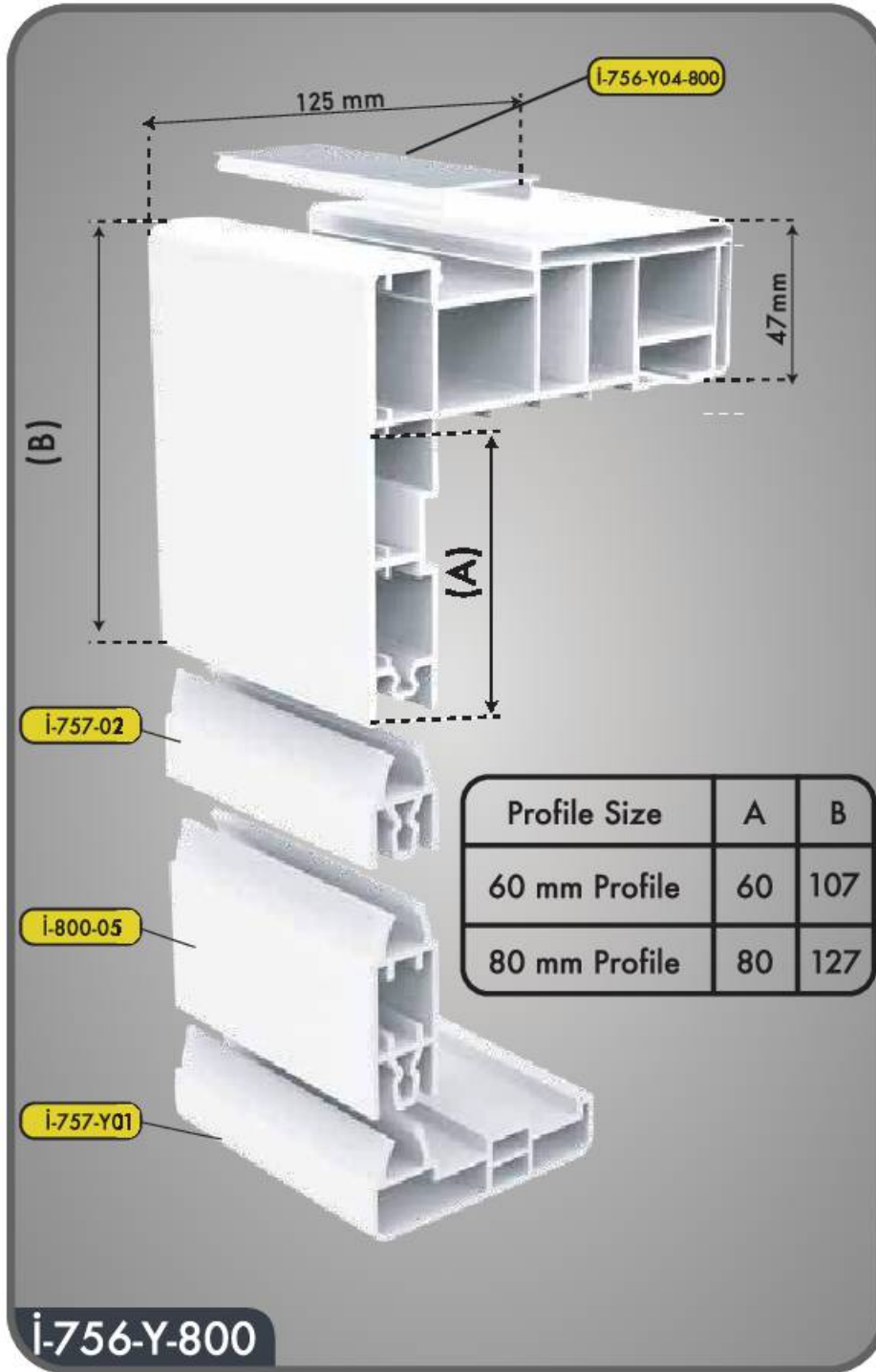


# Cold Room Profiles & Gaskets

## Soğuk Oda Profil ve Contaları



[www.azizel.com.tr](http://www.azizel.com.tr)





İ-756-YP02

İ-756-YP03

İ-756-YP04

İ-756-YP05

(A)

Profile Size

A

İ-756-YP02

60

İ-756-YP03

80

İ-756-YP04

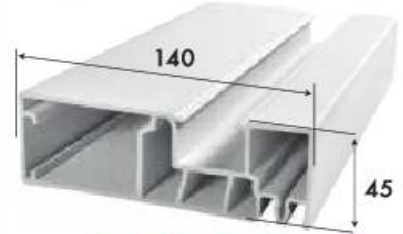
100

İ-756-YP05

120

İ-756-YP

PVC



Ağırlık / Weight: 2,050 kg/m

İ-756-YP

PVC



Ağırlık / Weight: 0,650 kg/m

İ-756-YP02

PVC



Ağırlık / Weight: 1,240 kg/m

İ-756-YP04

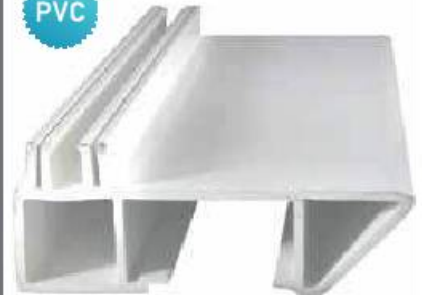
PVC



Ağırlık / Weight: 0,950 kg/m

İ-756-YP03

PVC



Ağırlık / Weight: 0,925 kg/m

İ-756-YP-01

PVC



Ağırlık / Weight: 1,380 kg/m

İ-756-YP05

Alüminyum/Aluminum



İ-756-YP

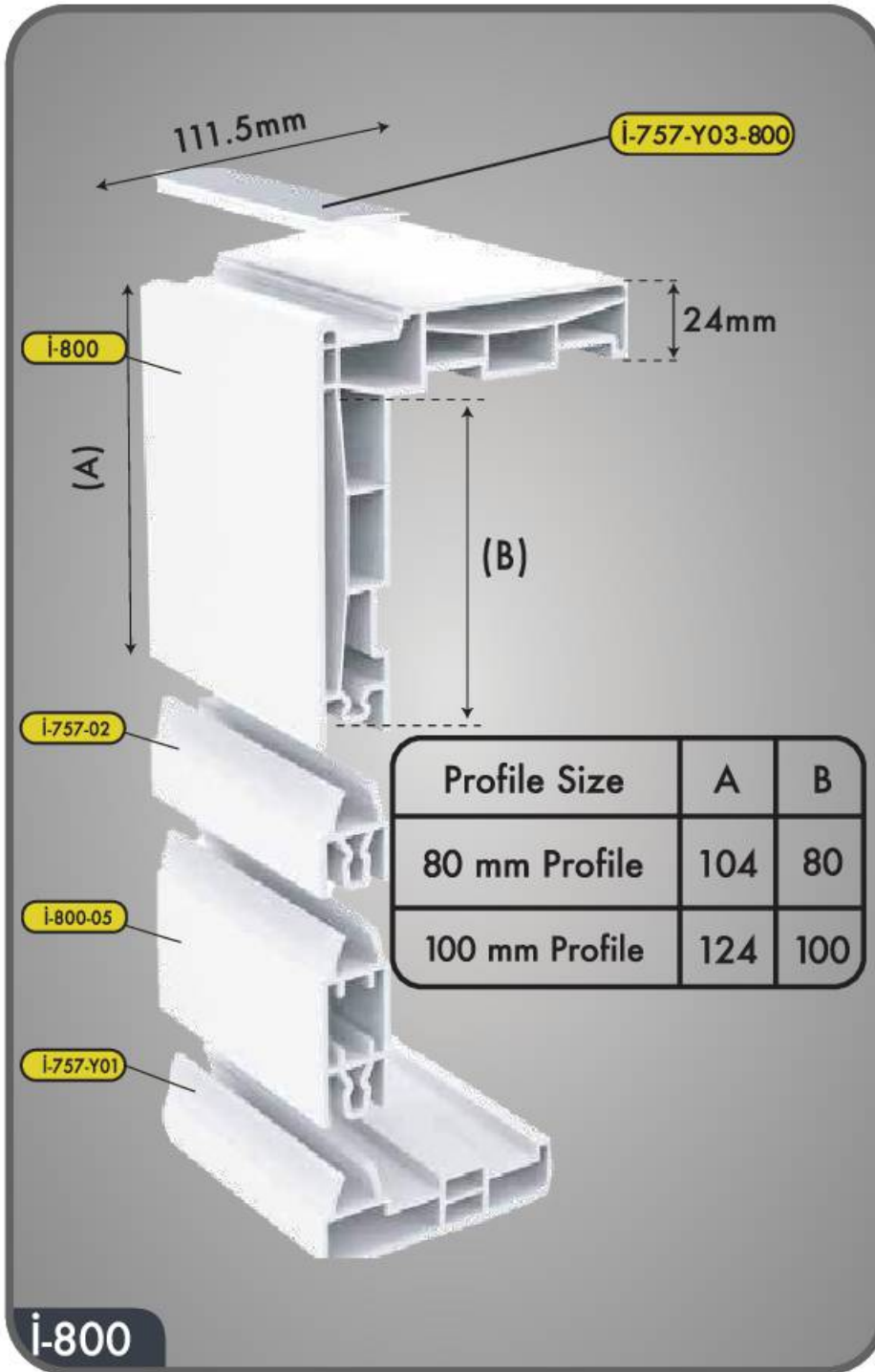
Kapak / Cover

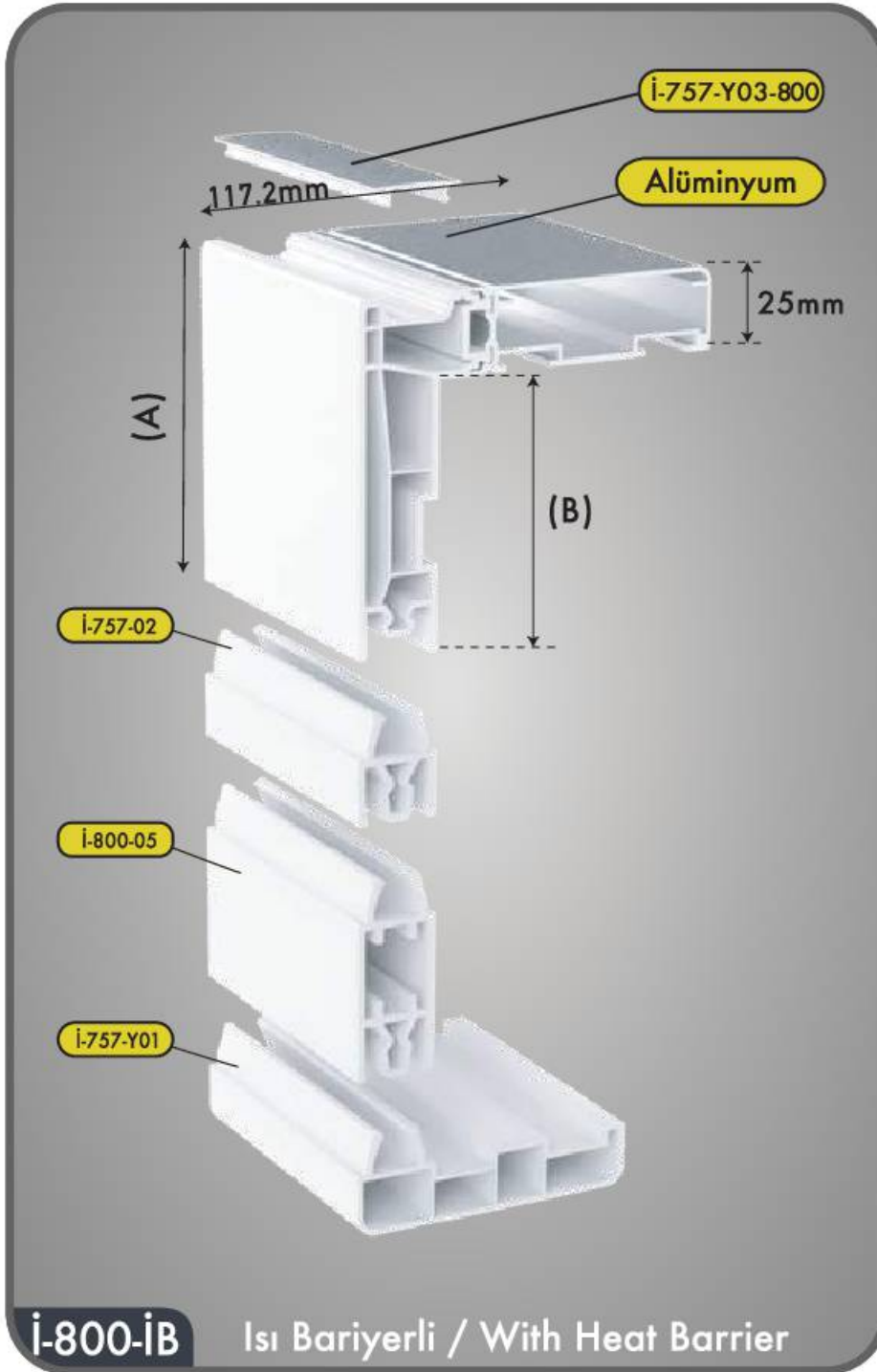
Alüminyum/Aluminum



İ-756-YP

Rezistans Yeri / Resistans Place

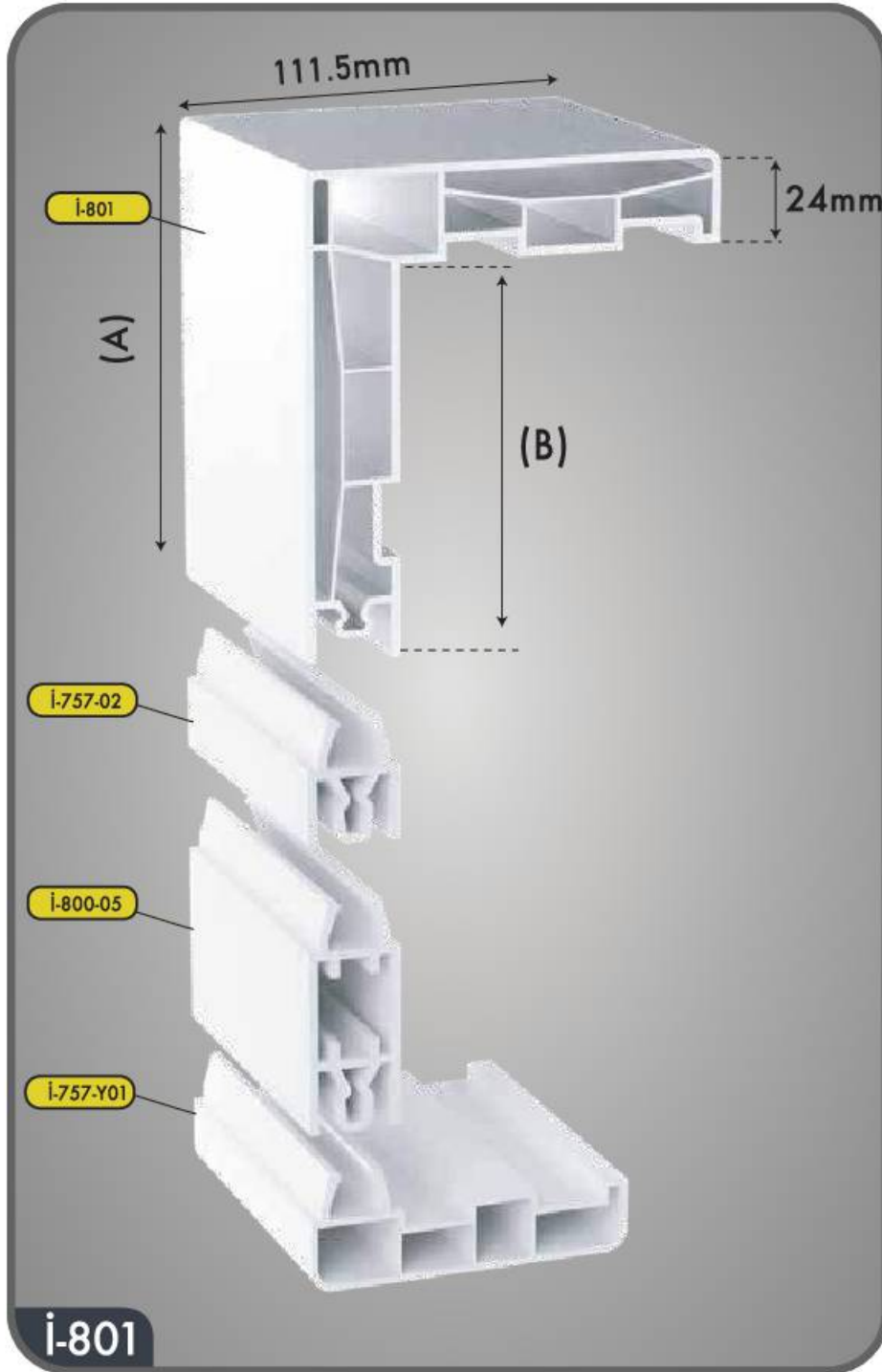




| Profile Size  | A   | B  |
|---------------|-----|----|
| 80 mm Profile | 105 | 80 |



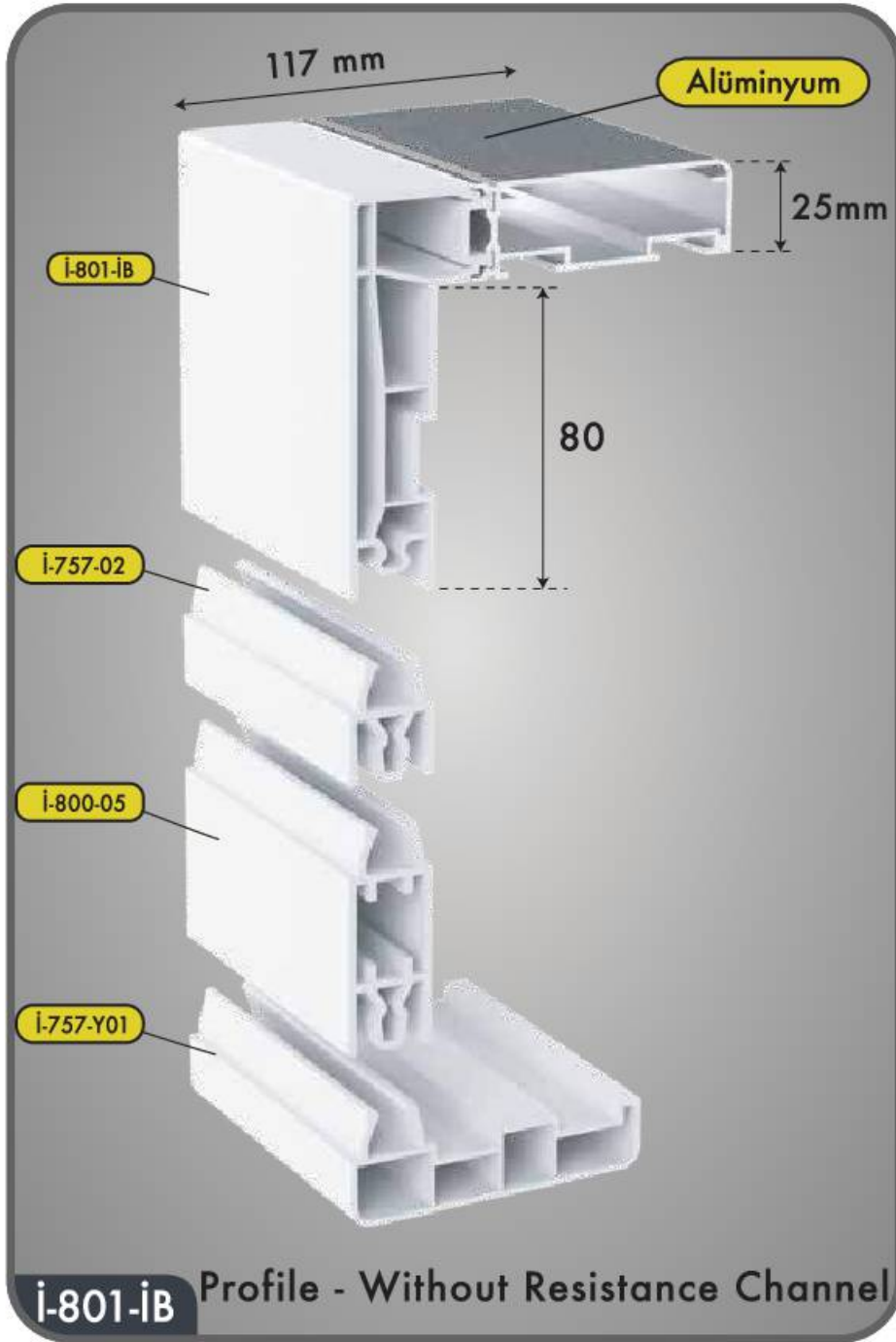




| Profile Size   | A   | B   |
|----------------|-----|-----|
| 80 mm Profile  | 104 | 80  |
| 100 mm Profile | 124 | 100 |

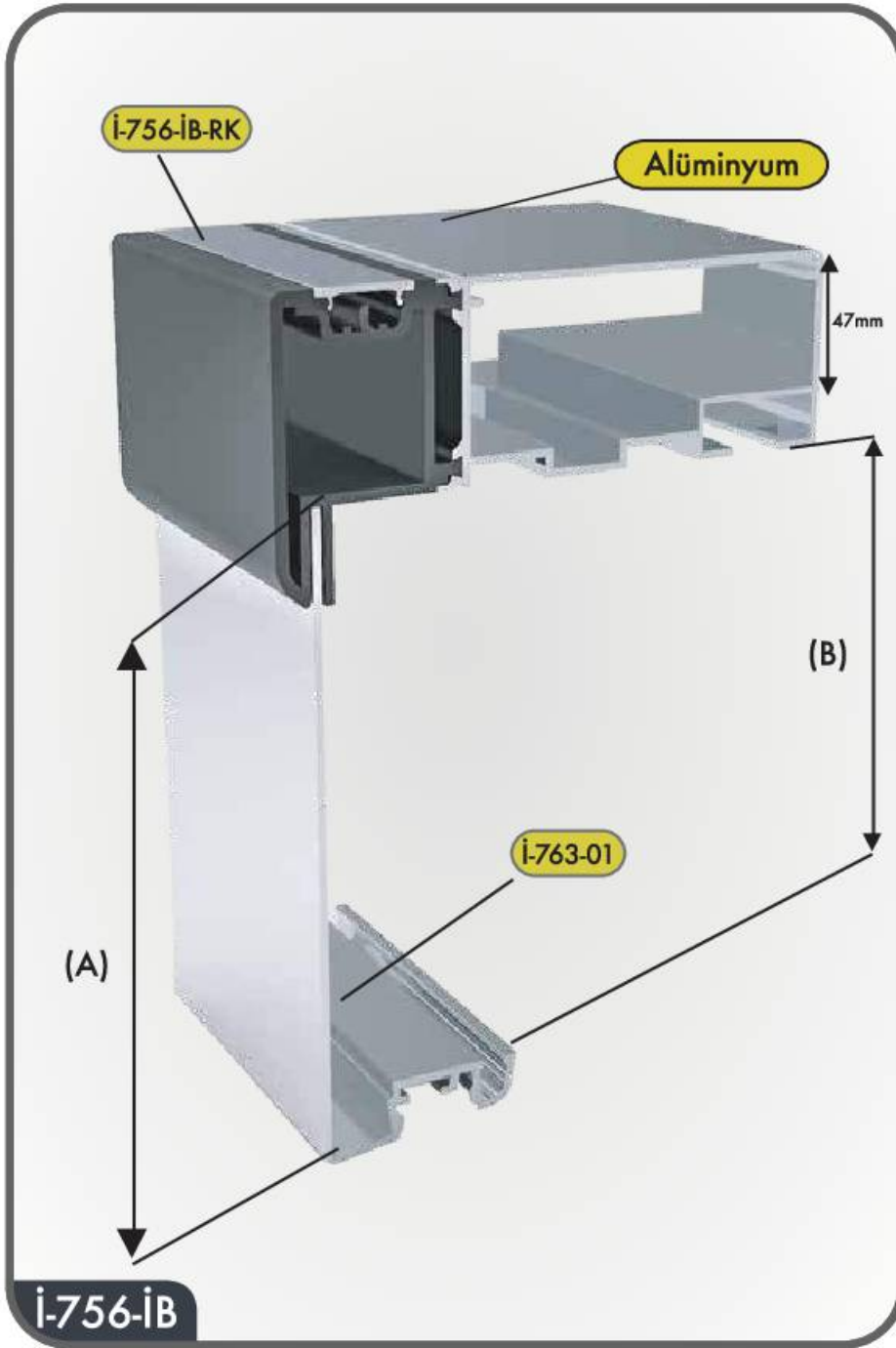
Rezistansız  
Without Resistance Channel





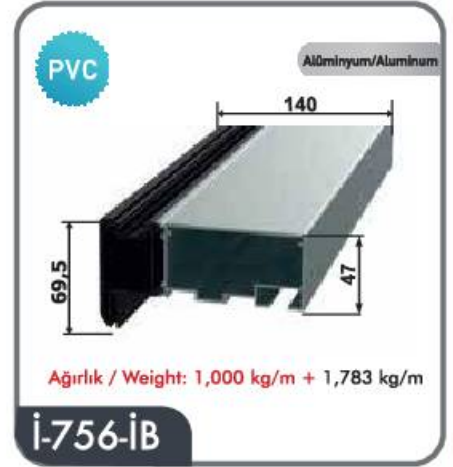
| Profile Size  | A   | B  |
|---------------|-----|----|
| 80 mm Profile | 105 | 80 |



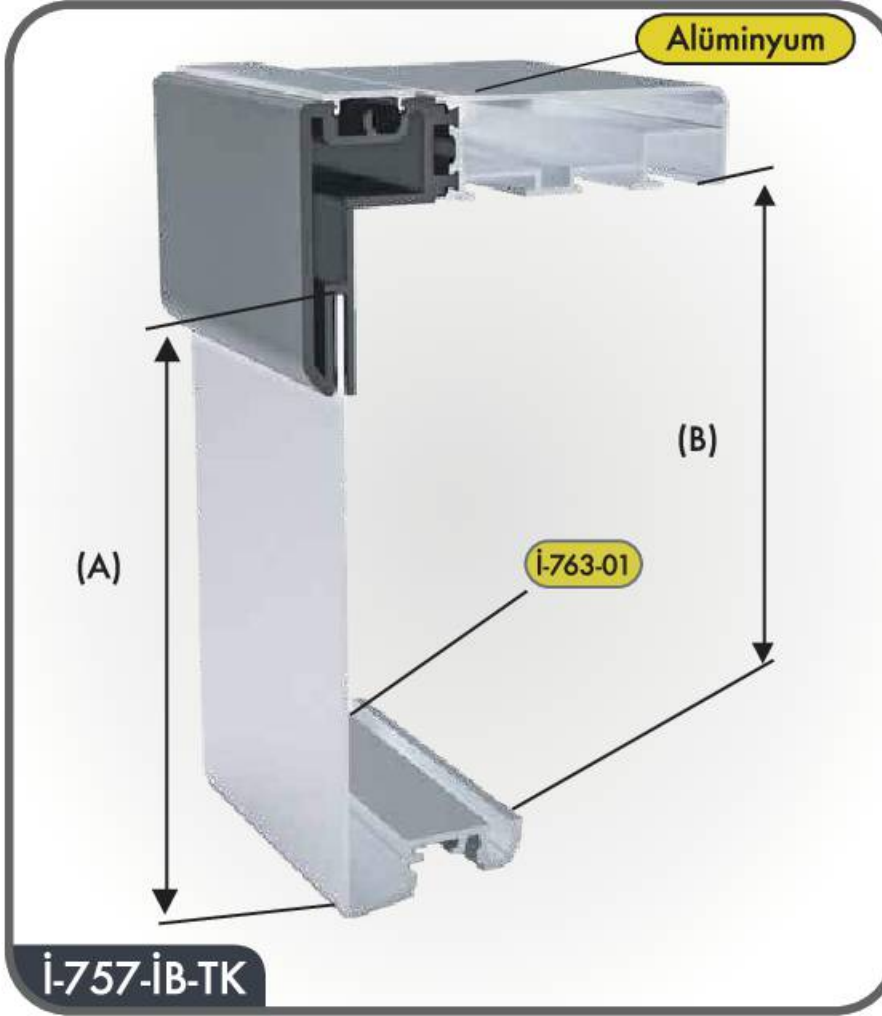


### i-763-01

| Kod / Code | B<br>Panel Ölçüsü | A<br>Profil Ölçüsü |
|------------|-------------------|--------------------|
| i-763-03   | 40                | 56,4               |
| i-763-04   | 60                | 76,4               |
| i-763-05   | 80                | 96,4               |
| i-763-06   | 100               | 116,4              |
| i-763-07   | 120               | 136,4              |
| i-763-09   | 140               | 156,4              |
| i-763-01   | 200               | 216,4              |



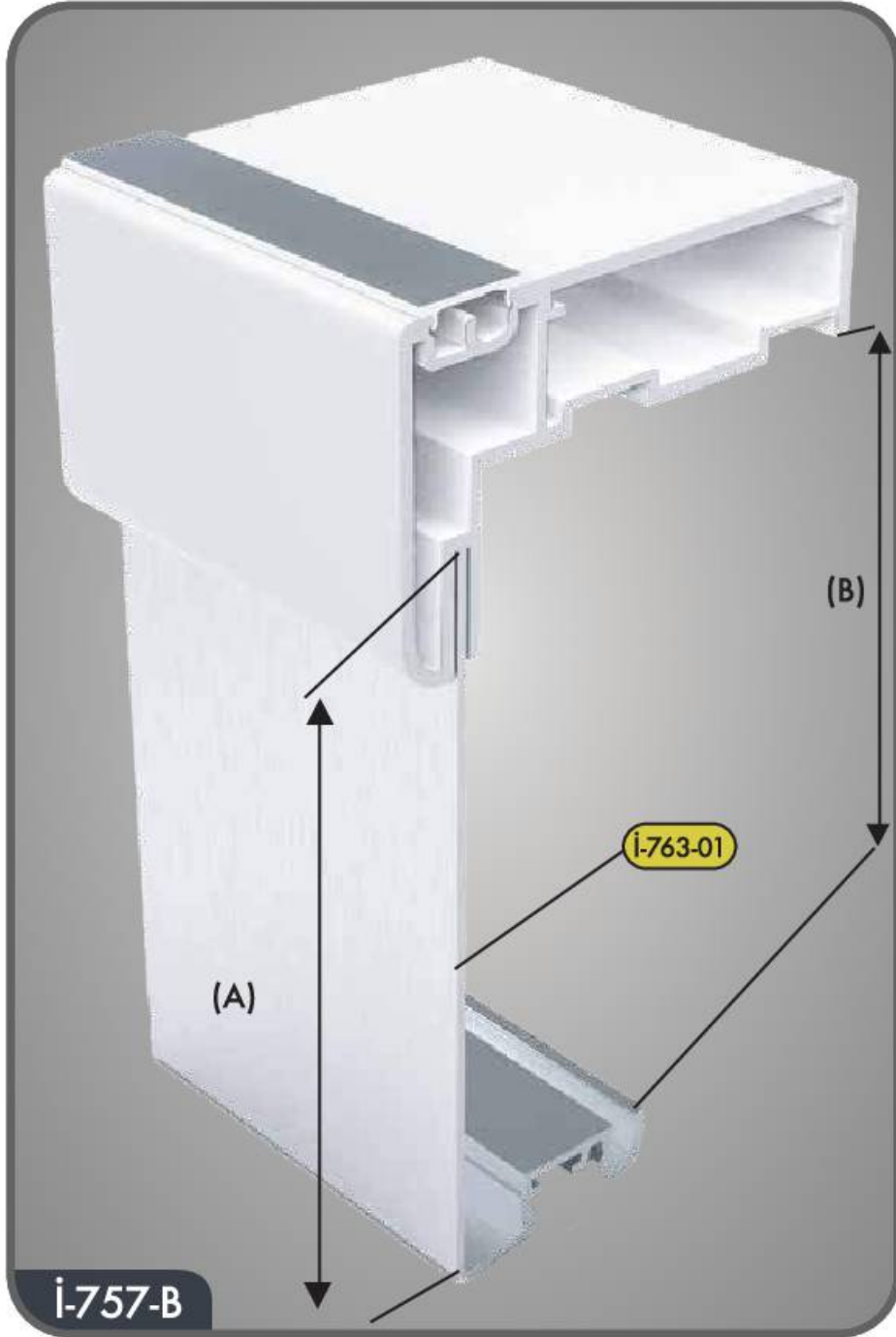




| Kod / Code | B<br>Panel Ölçüsü | A<br>Profil Ölçüsü |
|------------|-------------------|--------------------|
| İ-763-03   | 60                | 56,4               |
| İ-763-04   | 80                | 76,4               |
| İ-763-05   | 100               | 96,4               |
| İ-763-06   | 120               | 116,4              |
| İ-763-07   | 140               | 136,4              |
| İ-763-09   | 160               | 156,4              |
| İ-763-01   | 220               | 216,4              |





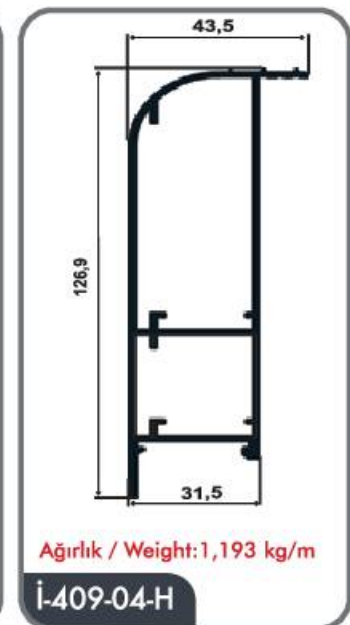
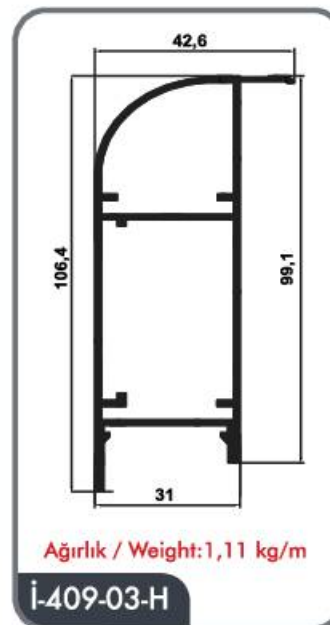
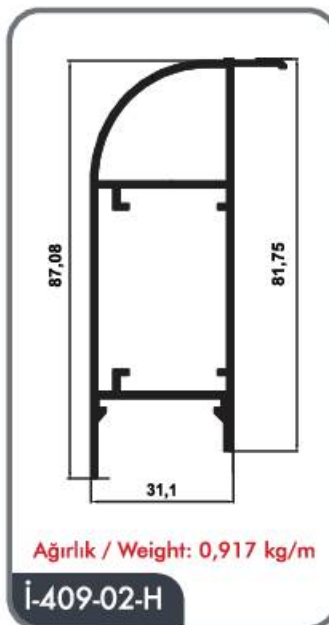
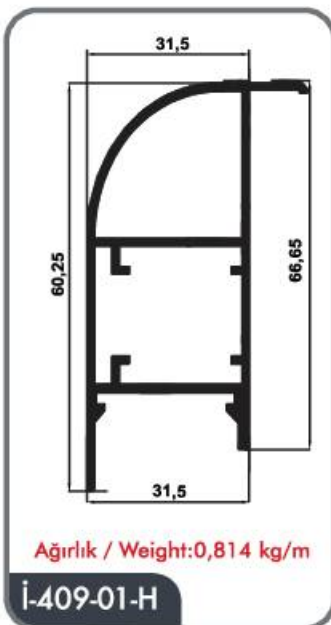
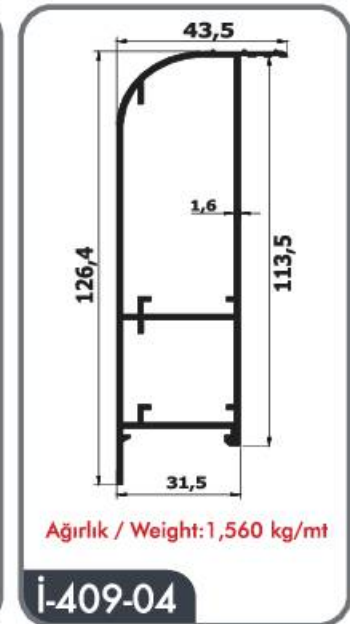
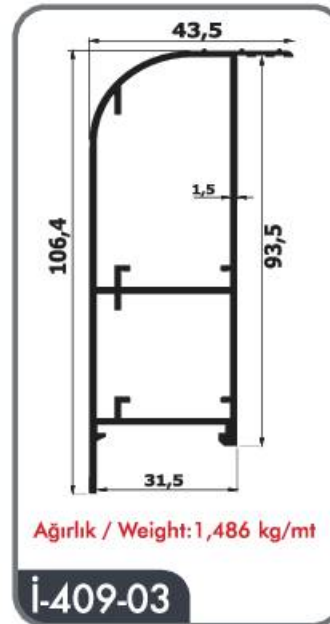
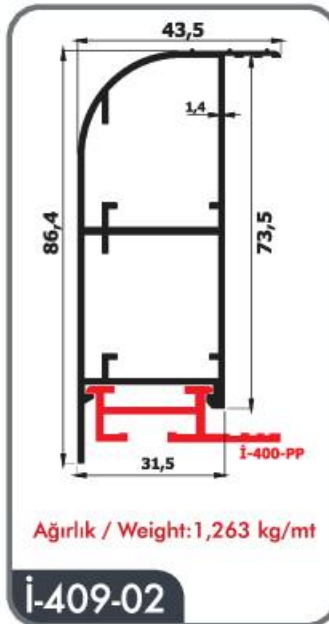
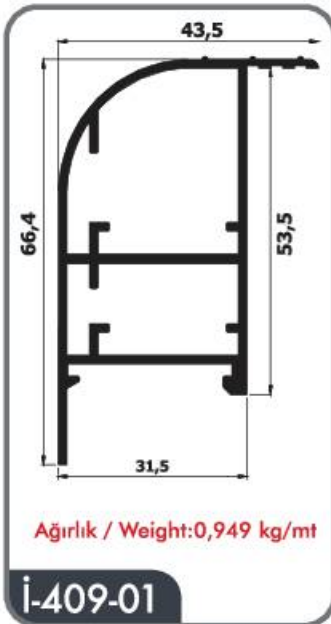
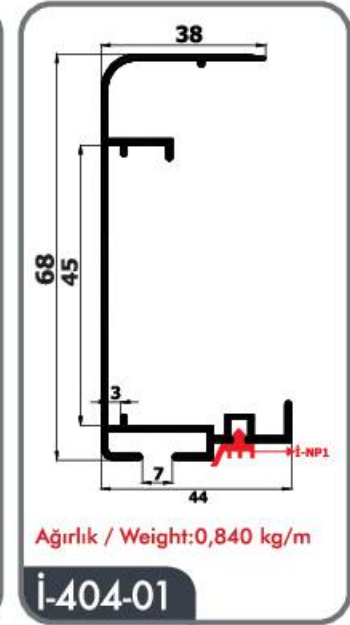
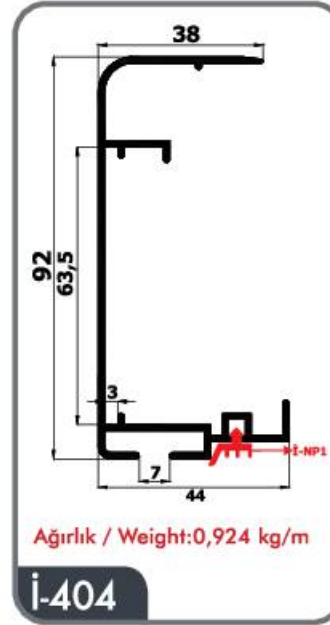
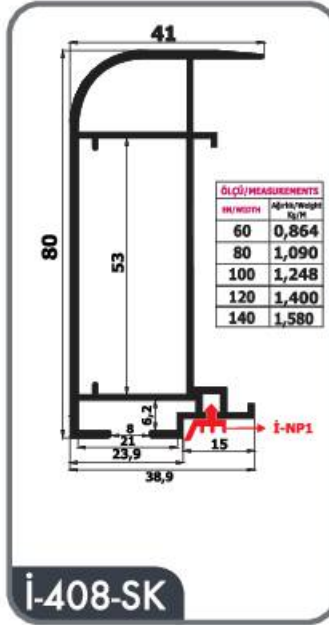
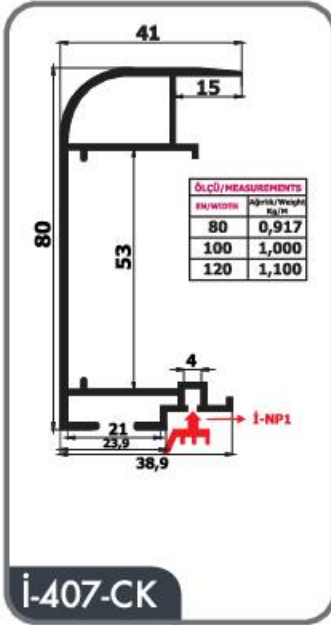


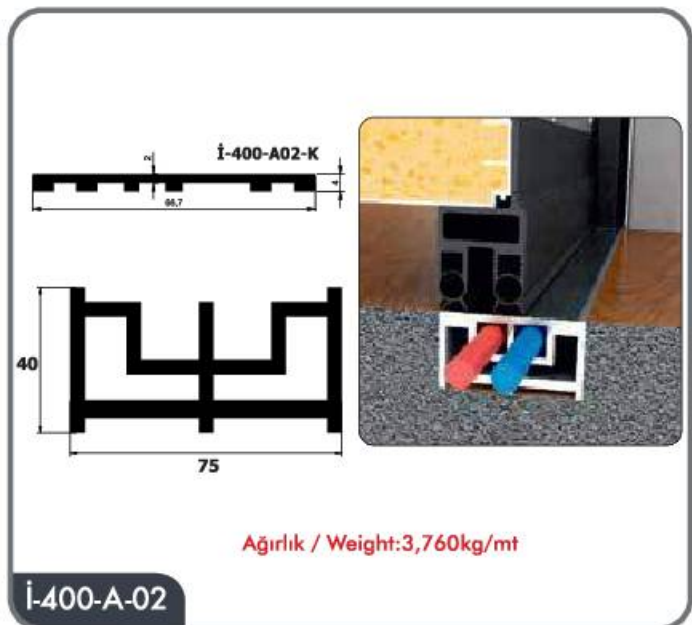
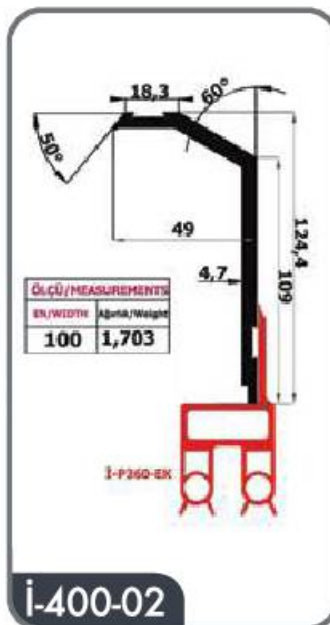
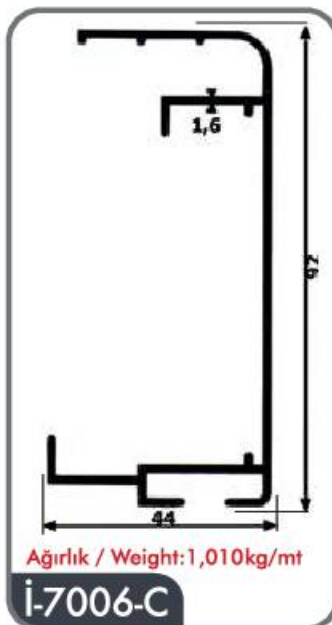
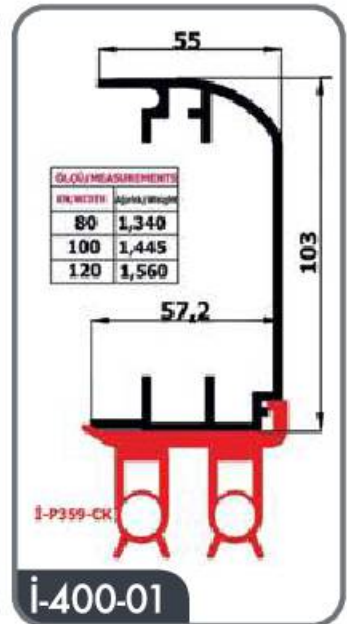
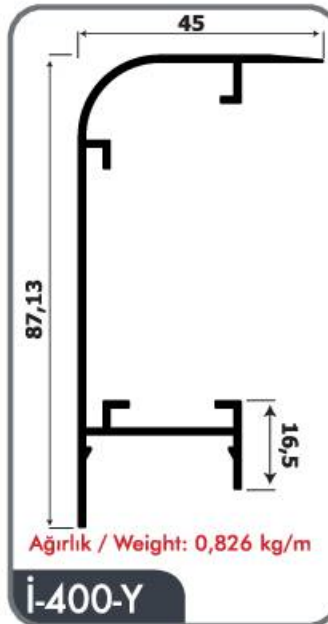
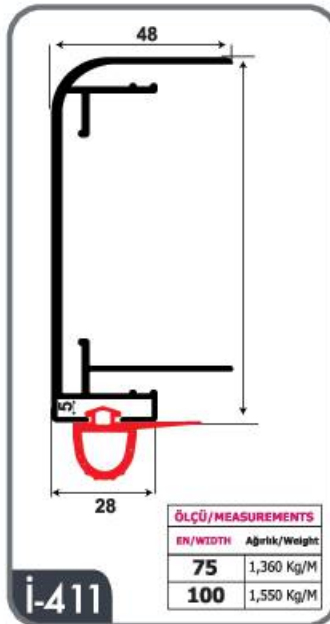
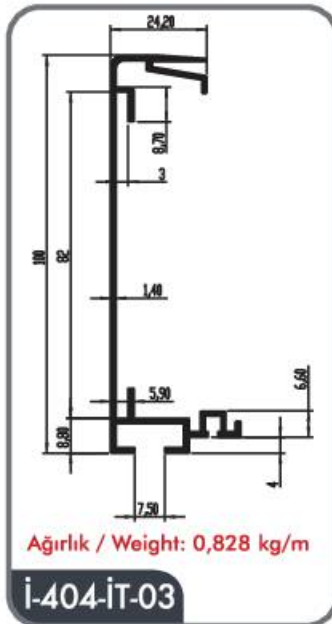
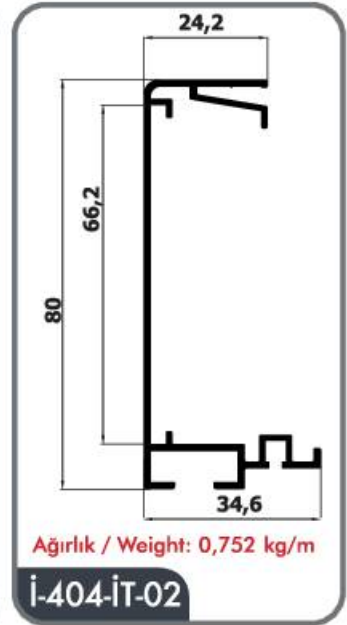
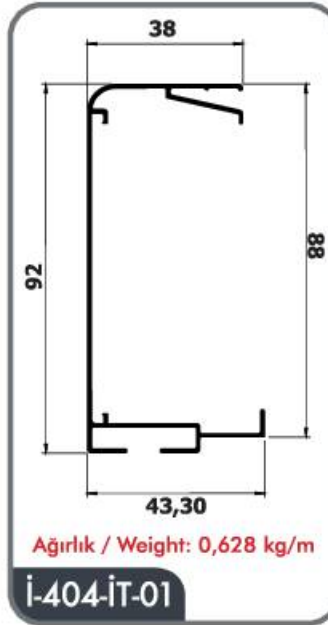
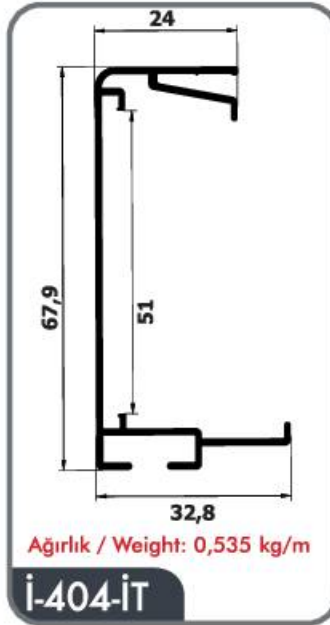
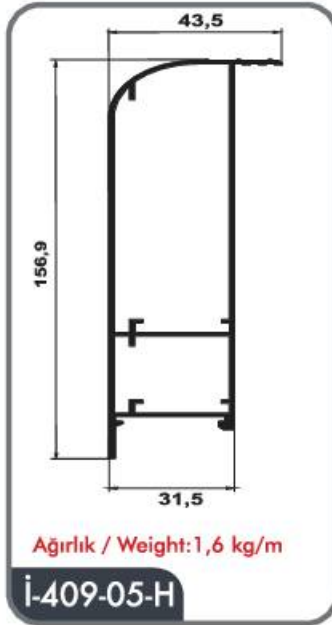
| Kod / Code | B<br>Panel Ölçüsü | A<br>Profil Ölçüsü |
|------------|-------------------|--------------------|
| i-763-03   | 60                | 56,4               |
| i-763-04   | 80                | 76,4               |
| i-763-05   | 100               | 96,4               |
| i-763-06   | 120               | 116,4              |
| i-763-07   | 140               | 136,4              |
| i-763-09   | 160               | 156,4              |
| i-763-01   | 220               | 216,4              |



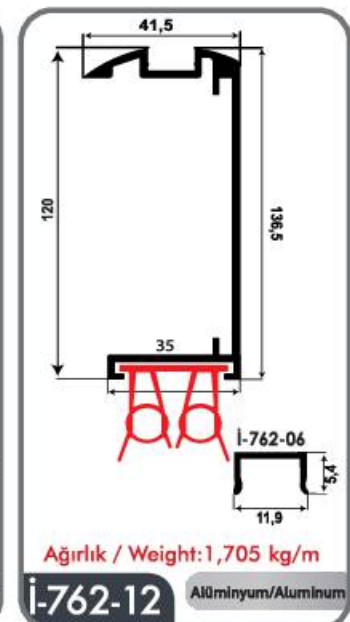
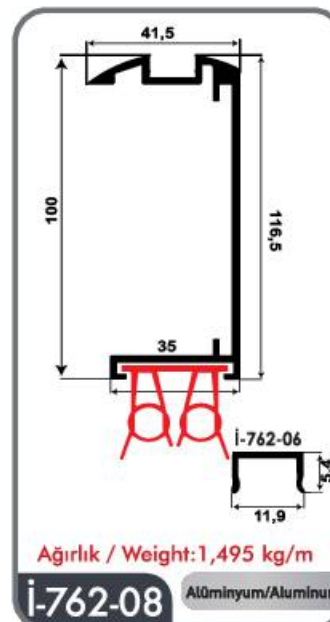
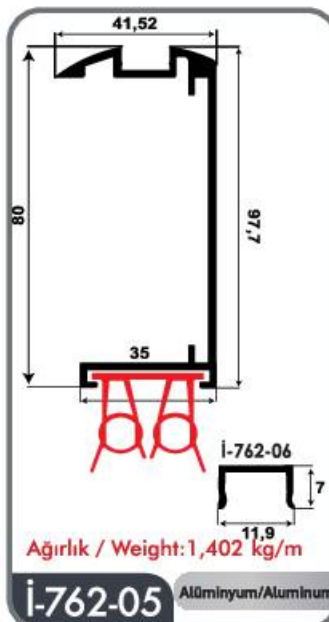
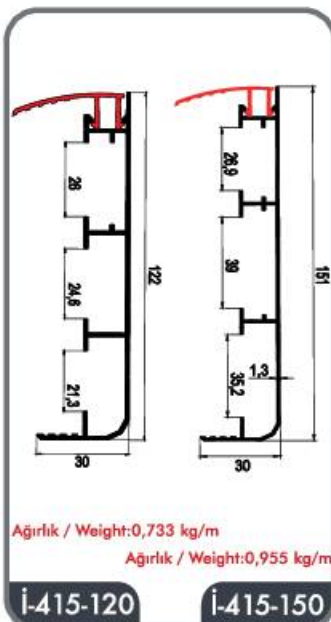
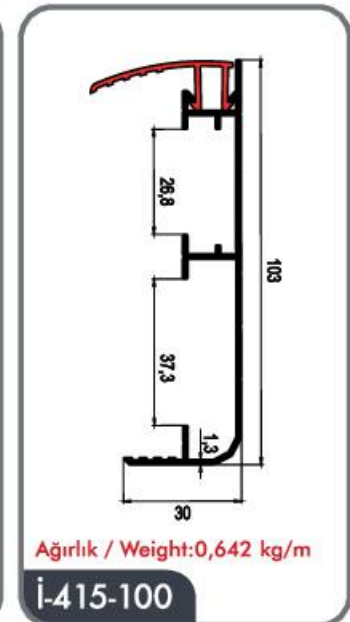
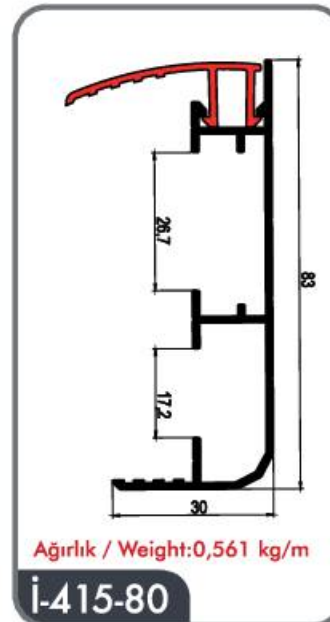
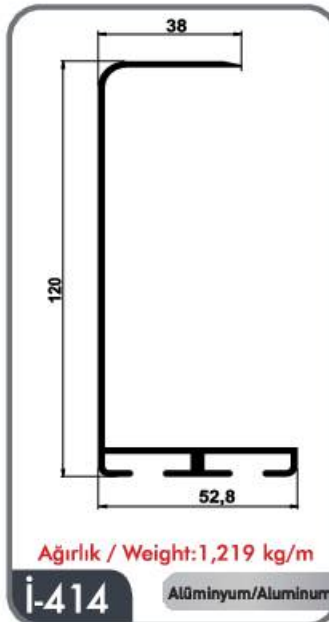
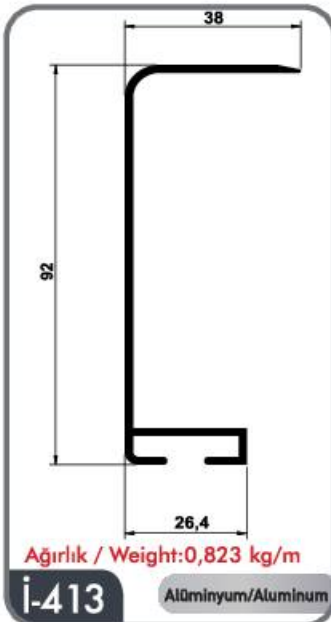
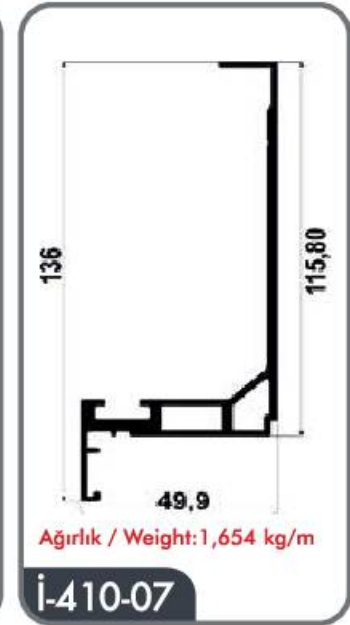
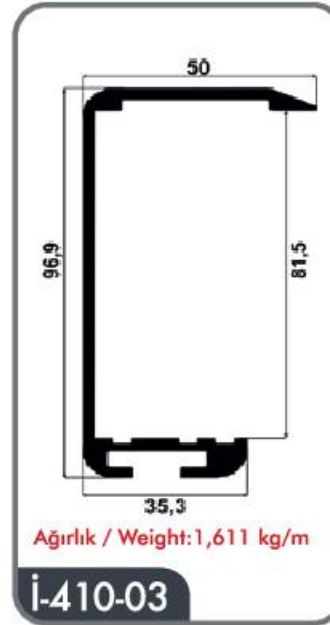
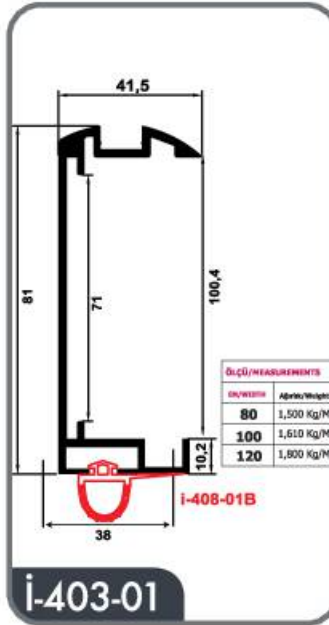
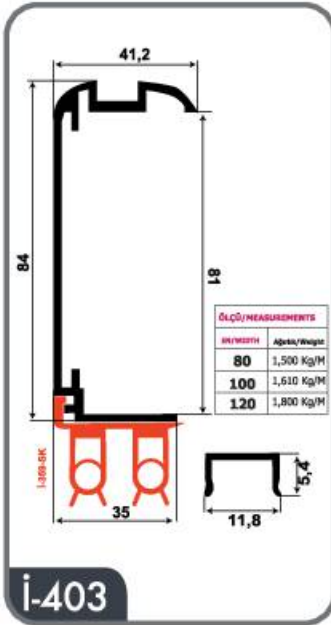


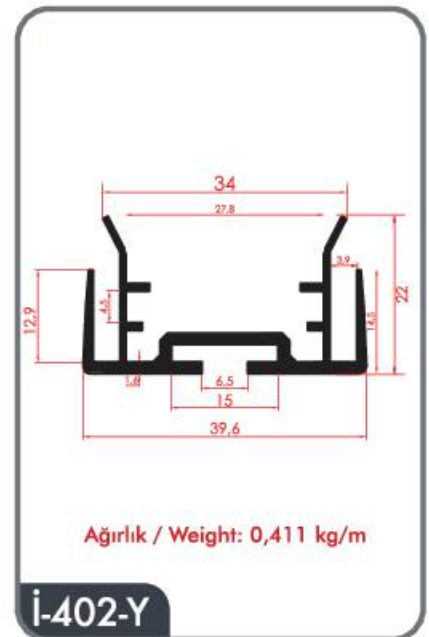
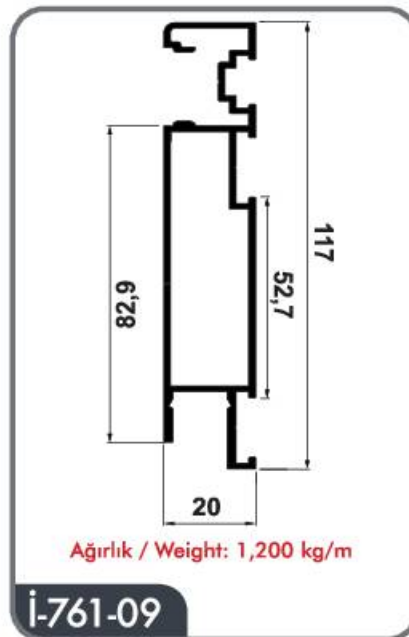
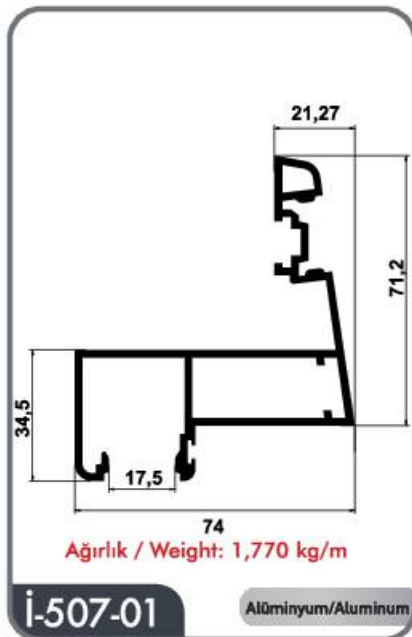
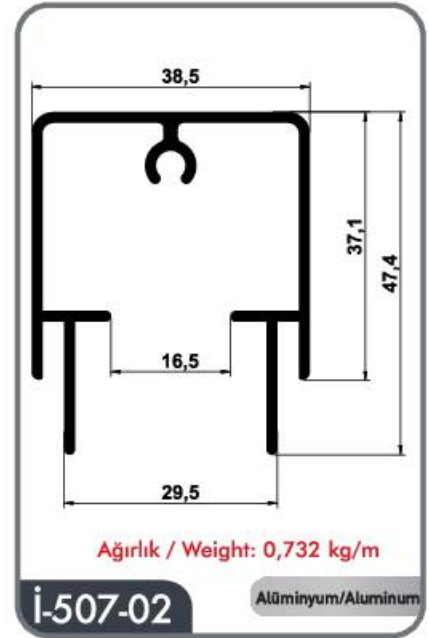
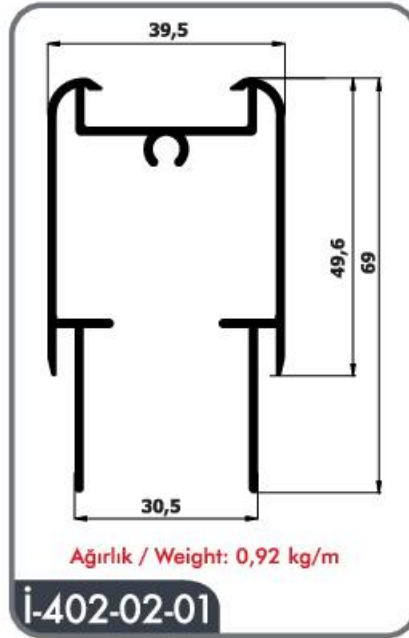
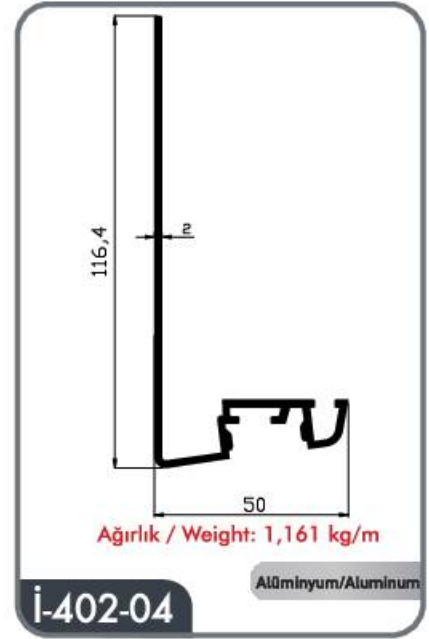
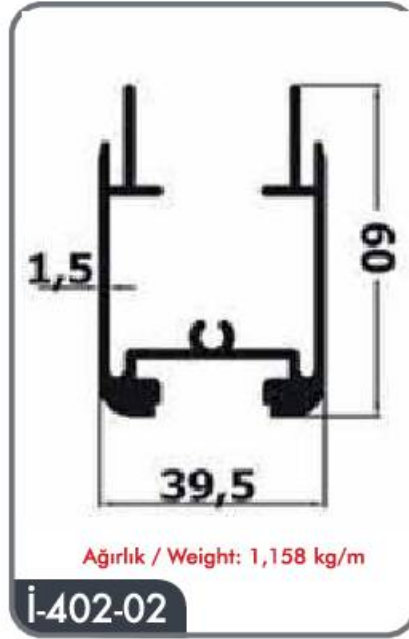
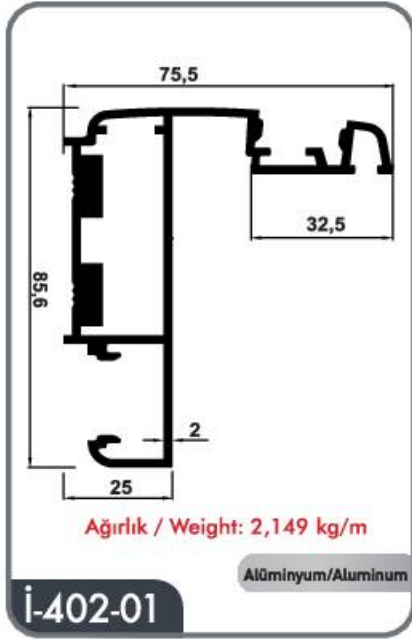




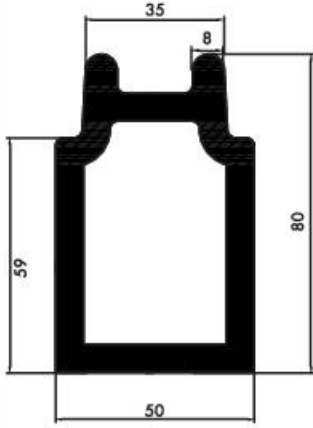






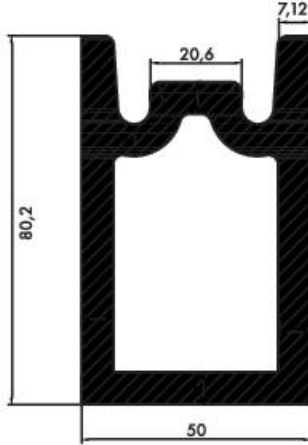


Ağırlık / Weight: 4,329 kg/m



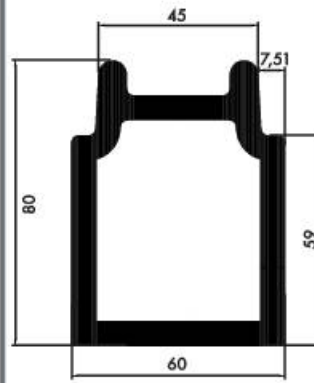
İ-PBP-50-D

Ağırlık / Weight: 4,713 kg/m



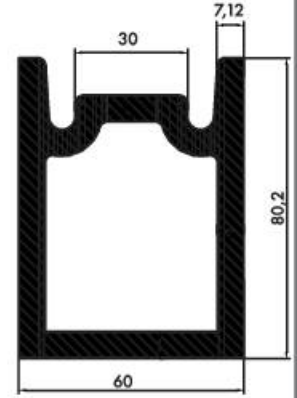
İ-PBP-50-E

Ağırlık / Weight: 4,705 kg/m



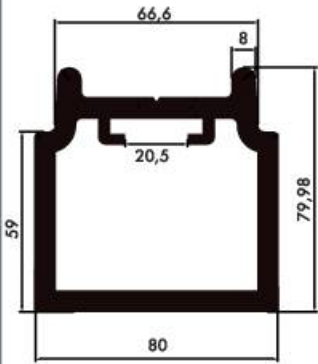
İ-PBP-60-D

Ağırlık / Weight: 5,092 kg/m



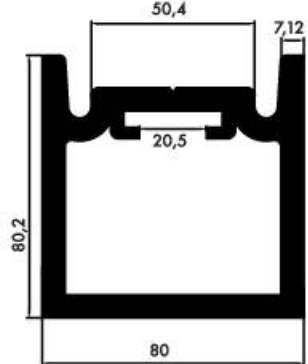
İ-PBP-60-E

Ağırlık / Weight: 5,729 kg/m



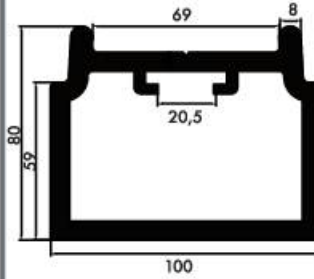
İ-PBP-80-D

Ağırlık / Weight: 6,102 kg/m



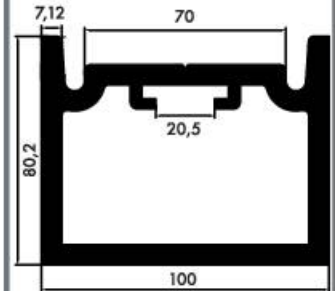
İ-PBP-80-E

Ağırlık / Weight: 6,488 kg/m



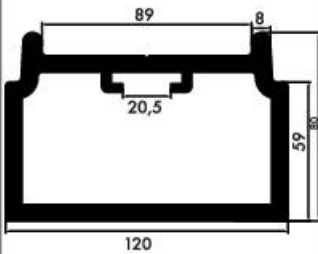
İ-PBP-100-D

Ağırlık / Weight: 6,875 kg/m



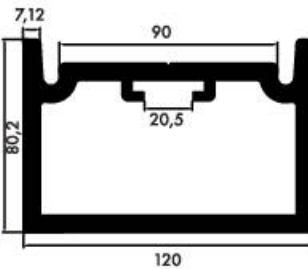
İ-PBP-100-E

Ağırlık / Weight: 7,246 kg/m



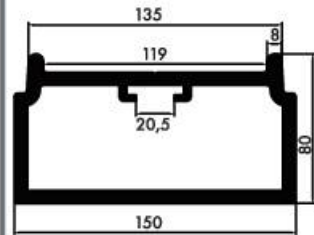
İ-PBP-120-D

Ağırlık / Weight: 7,633 kg/m



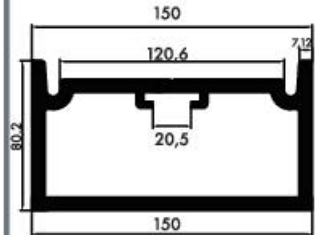
İ-PBP-120-E

Ağırlık / Weight: 8,385 kg/m



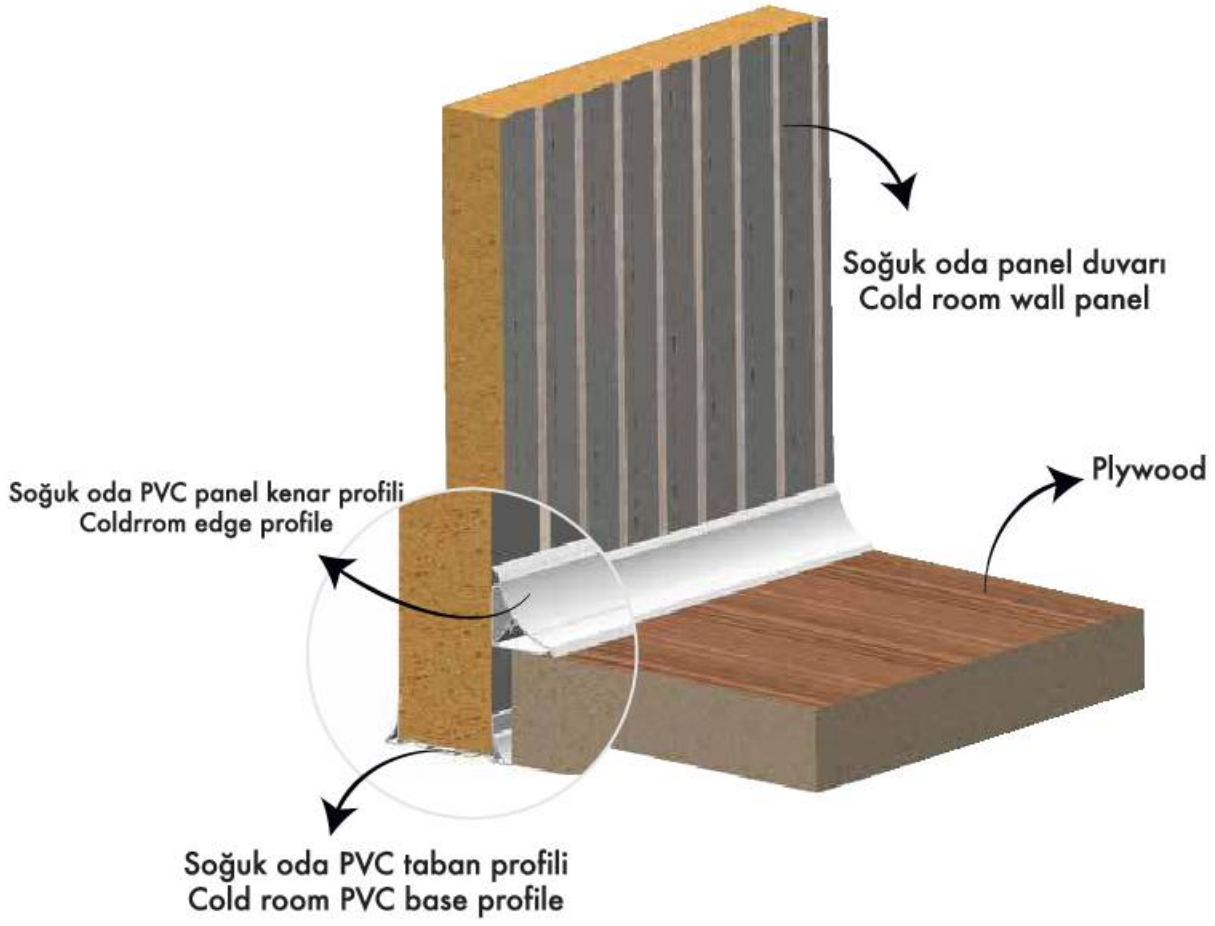
İ-PBP-150-D

Ağırlık / Weight: 8,772 kg/m



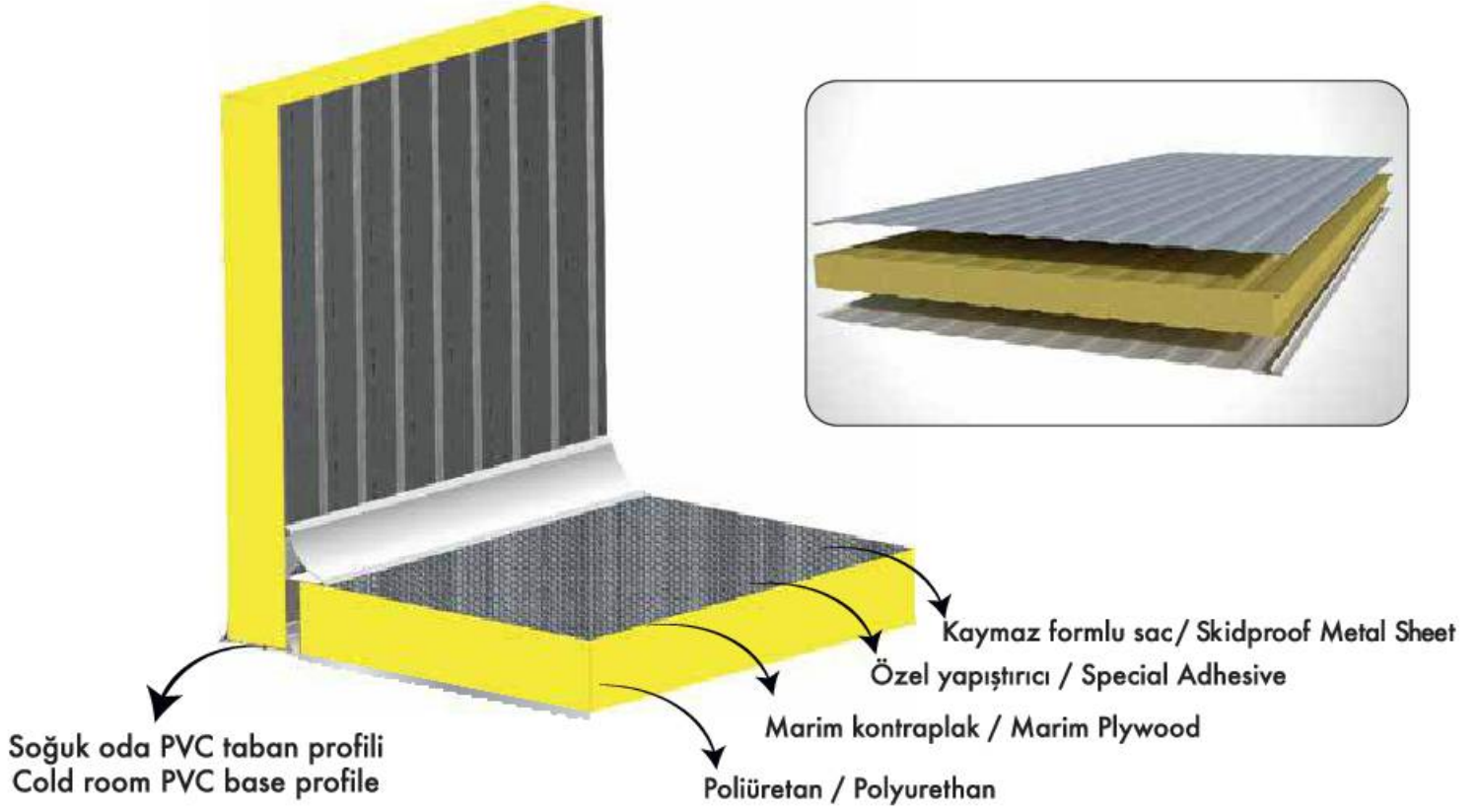
İ-PBP-150-E



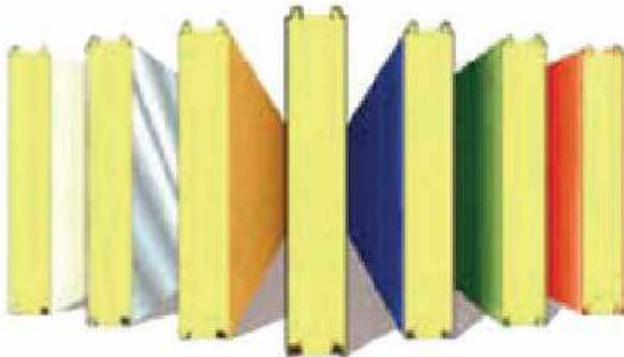


## RENK SEÇENEKLERİ / COLOR OPTIONS

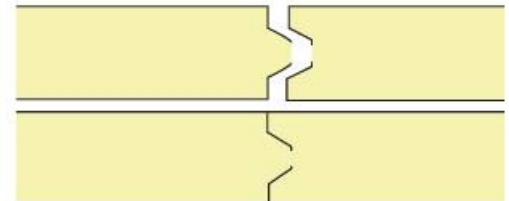
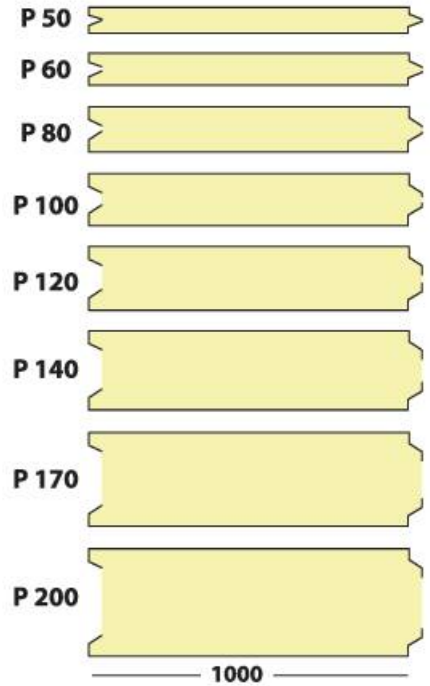


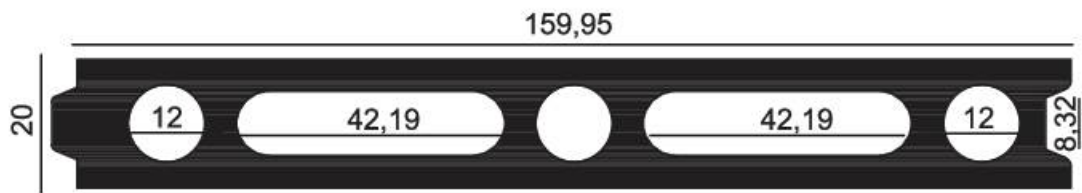
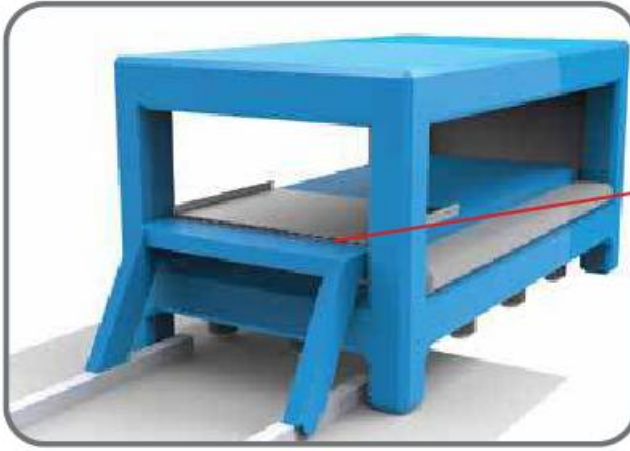


| PANEL ÖZELLİKLERİ                |                                            |                                                                                                  |                                                                                   |
|----------------------------------|--------------------------------------------|--------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|
| Teknik Veriler<br>Technical Data | Panel Kalınlığı<br>Panel Thickness<br>(mm) | Isı geçirgenlik<br>katsayısı (K)<br>W / m <sup>2</sup> K<br>Heat transmission<br>coefficient (K) | Tavanda tek parça<br>geçilebilecek açıklık(m)<br>Single part<br>space at roof (m) |
| I-P 50                           | 50                                         | 0,40                                                                                             | 5                                                                                 |
| I-P 60                           | 60                                         | 0,37                                                                                             | 7                                                                                 |
| I-P 80                           | 80                                         | 0,28                                                                                             | 8                                                                                 |
| I-P 100                          | 100                                        | 0,20                                                                                             | 9                                                                                 |
| I-P 120                          | 120                                        | 0,18                                                                                             | 10                                                                                |
| I-P 140                          | 140                                        | 0,16                                                                                             | 10                                                                                |
| I-P 170                          | 170                                        | 0,14                                                                                             | 10                                                                                |
| I-P 200                          | 200                                        | 0,12                                                                                             | 10                                                                                |

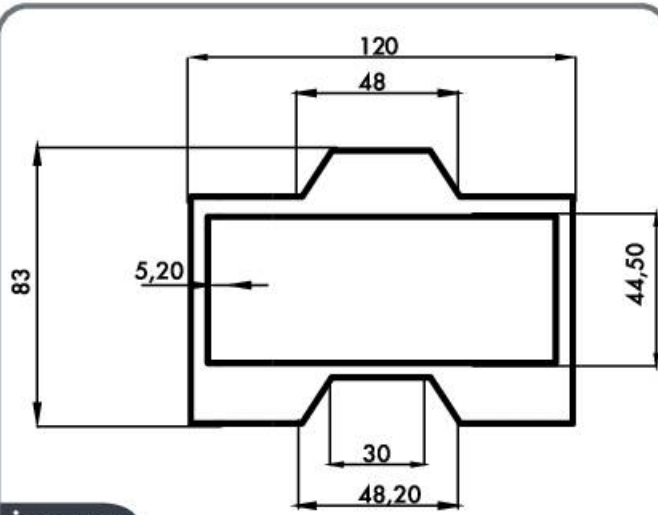


Panel Kalınlıkları  
Panel Thickness

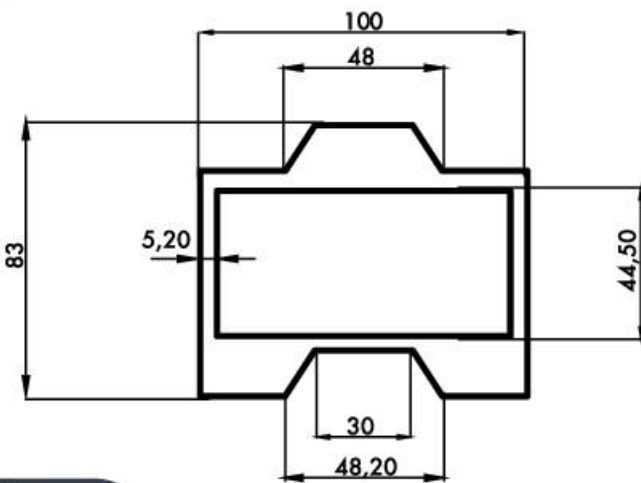




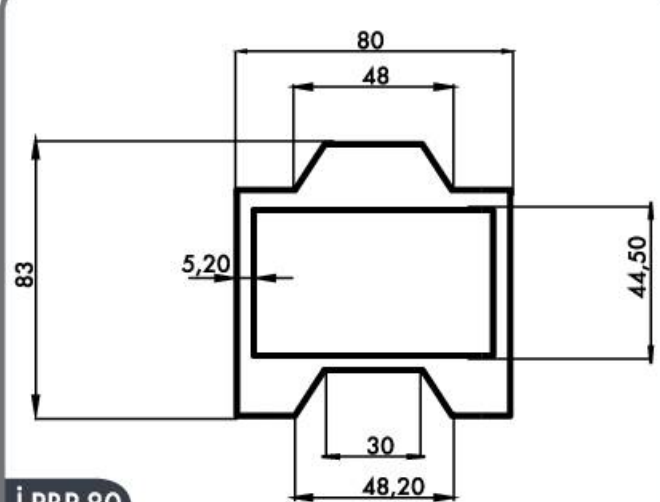
I-PTP



I-PBP-120

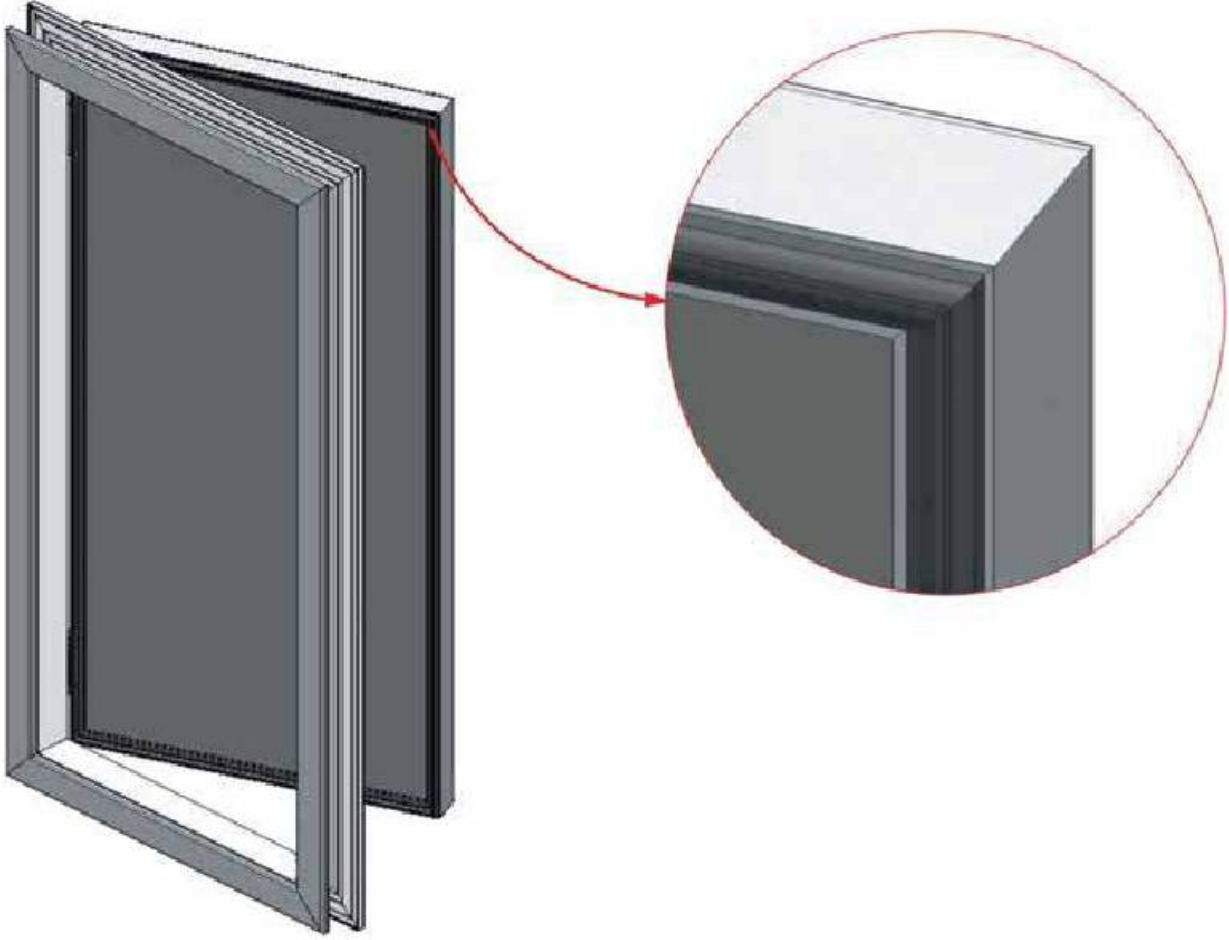


I-PBP-100



I-PBP-80



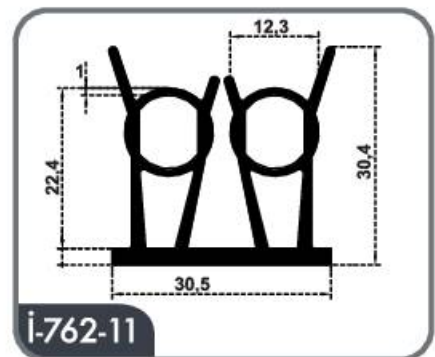
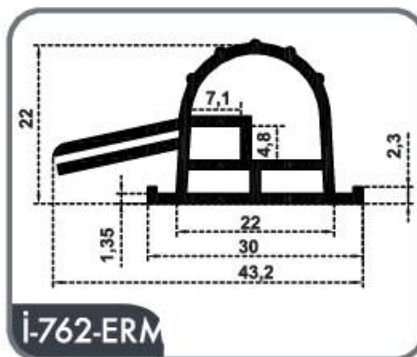
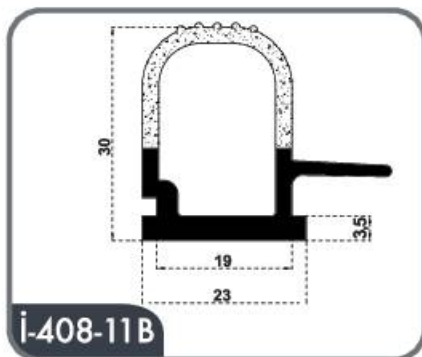
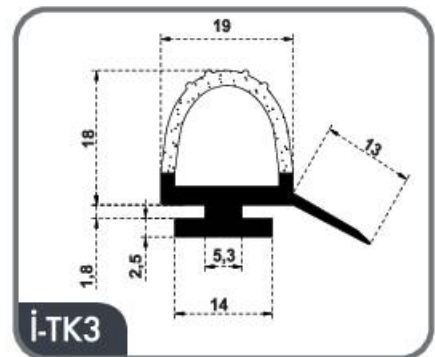
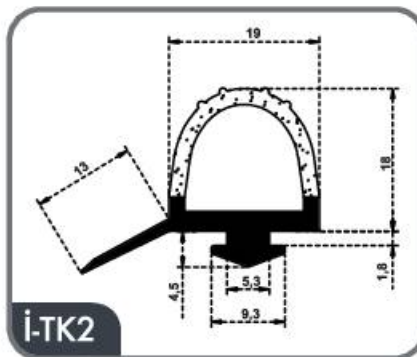
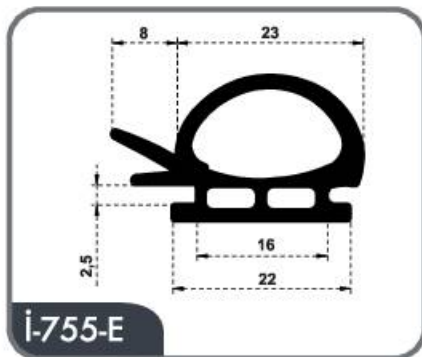
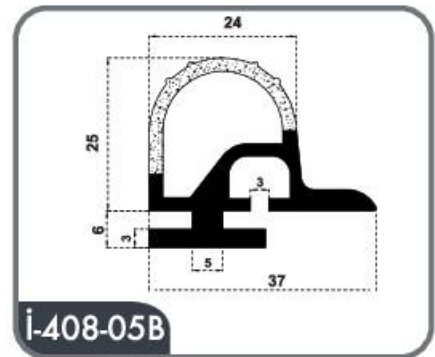
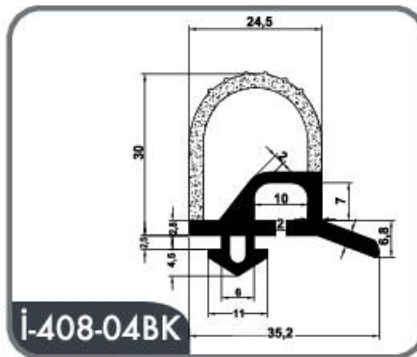
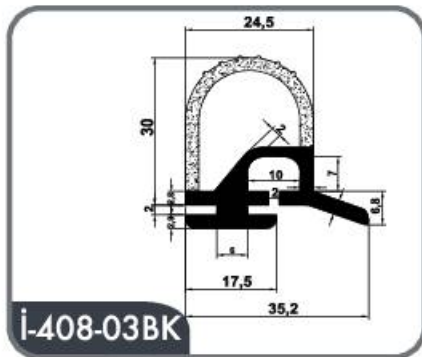
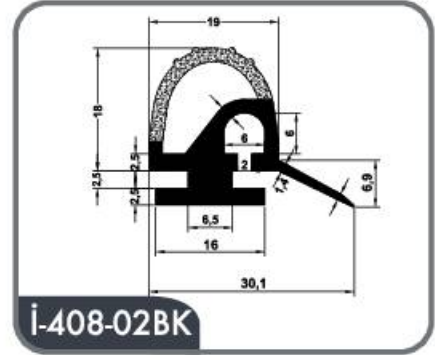
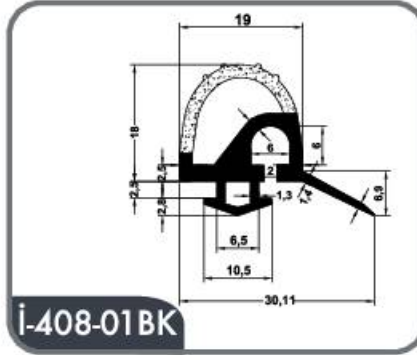
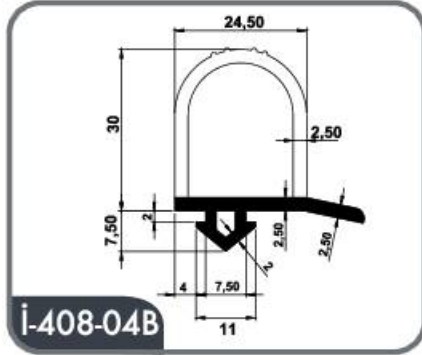
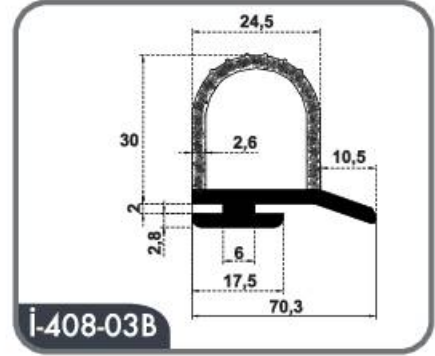
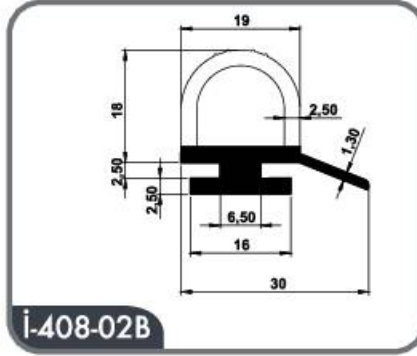
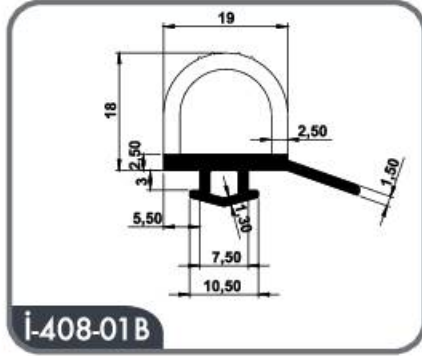


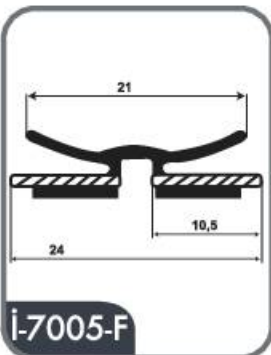
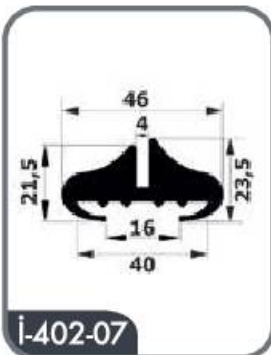
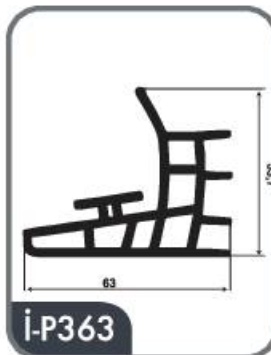
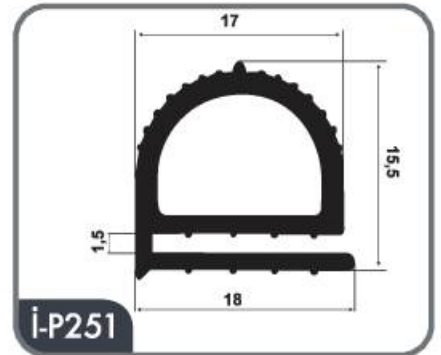
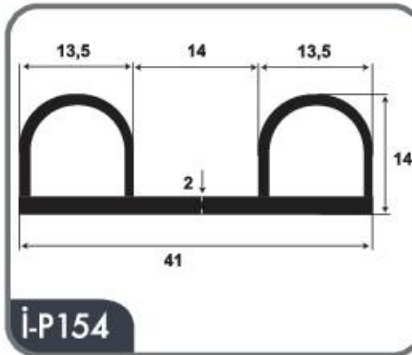
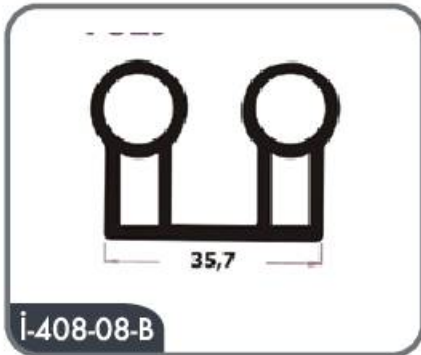
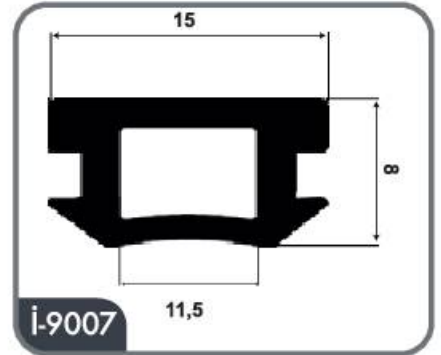
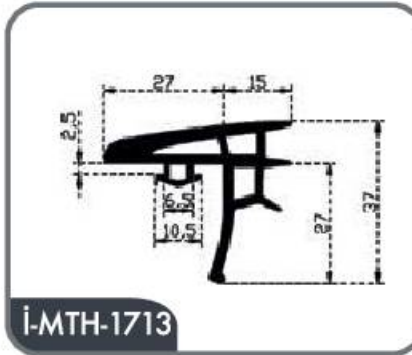
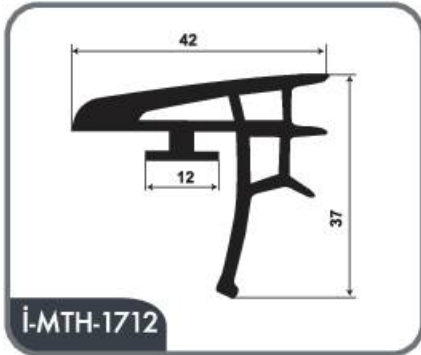
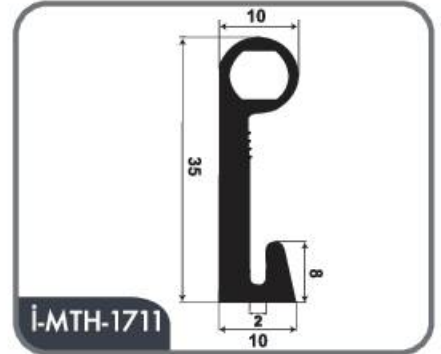
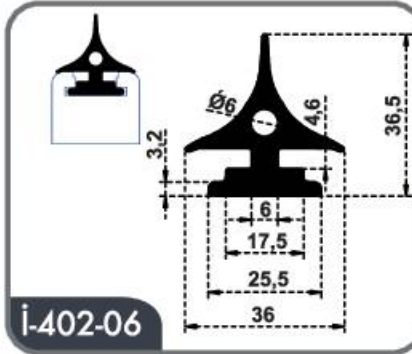
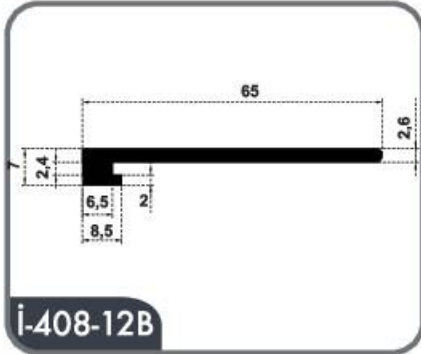
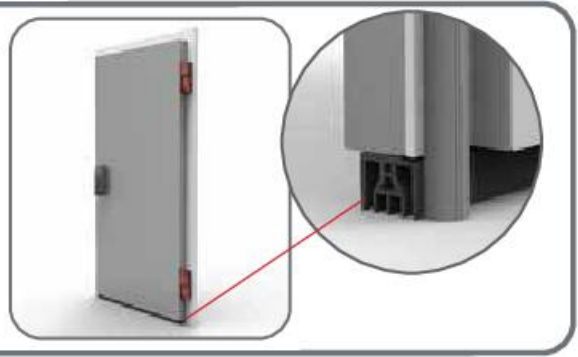
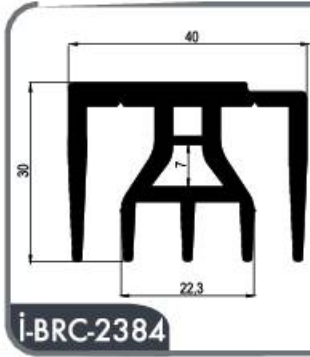
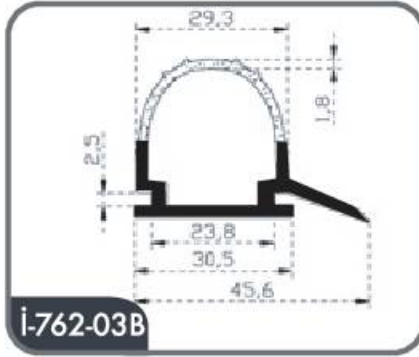
Özel 4 Köşe Kaynaklı Conta



İ-408-04-B

Köşe Birleştirme / Corner Fusion





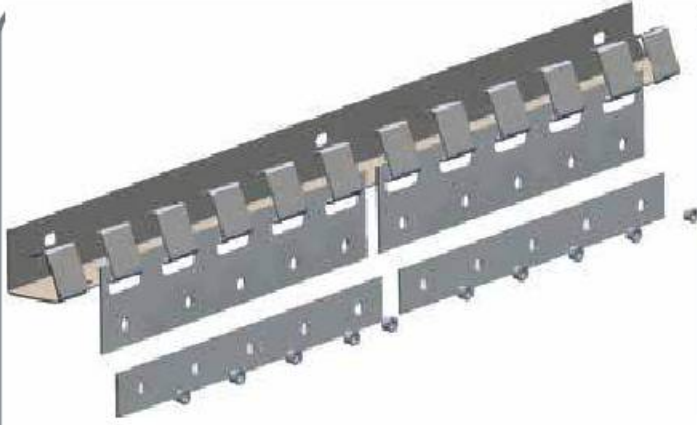


# Cold Room Equipments

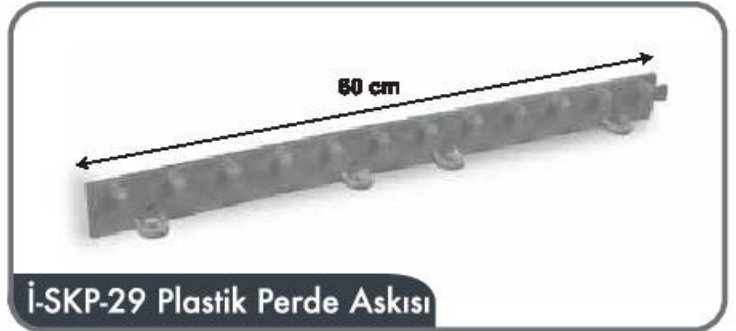
**Soğuk  
Oda  
Ekipmanları**



[www.azizel.com.tr](http://www.azizel.com.tr)



İ-SKP-33 Inox Askı Seti



İ-SKP-29 Plastik Perde Askısı



İ-SKP-33 Inox Perde Askısı



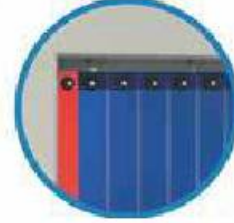
İ-SKP-33 PVC Perde Seti

1 metre'lik askı için

(+) ODA 6'lı Takım  
(+) ROOM 6 Set

For 1 meter hanger

(-) ODA 8'li Takım  
(-) ROOM 8 Set



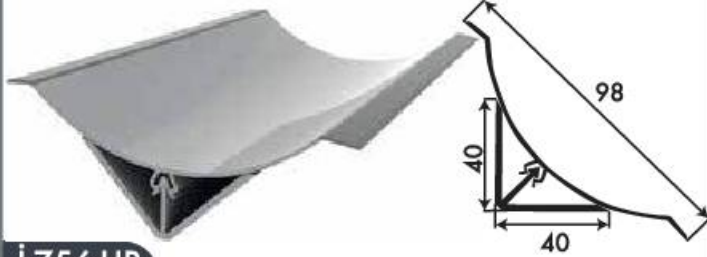
| Geniřlik / Width | Kalınlık / Thickness | Uzunluk / Length(mm) |
|------------------|----------------------|----------------------|
| 200 mm           | 2 mm                 | 50.000               |
| 300 mm           | 3 mm                 | 50.000               |

1 rulo 50mt  
1 roll 50mt

PVC-04

Ölçü / Size  
2mm x 200mm  
3mm x 300mm

Renk / Color  
Transparan Mavi  
Trasparant Blue

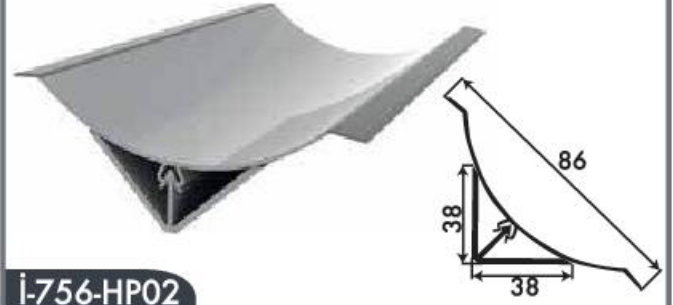


**İ-756-HP**

Ürün Özellikleri

Hijyenik Kenar Kapama Profili

Hygienic Edge Closure Profile

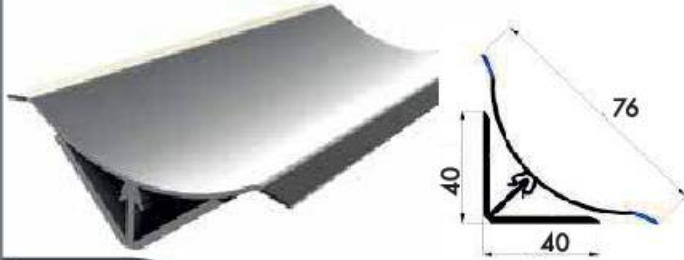


**İ-756-HP02**

Ürün Özellikleri

Hijyenik Kenar Kapama Profili

Hygienic Edge Closure Profile

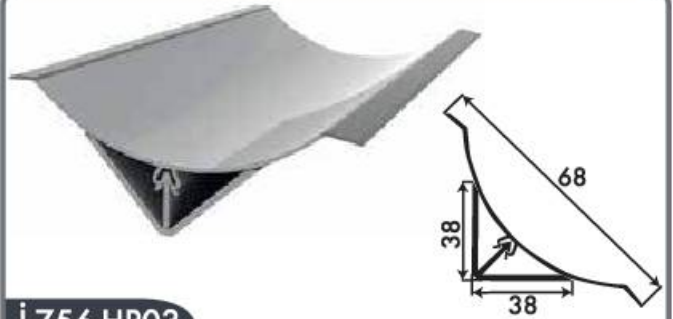


**İ-756-HP01**

Ürün Özellikleri

Hijyenik Kenar Kapama Profili

Hygienic Edge Closure Profile



**İ-756-HP03**

Ürün Özellikleri

Hijyenik Kenar Kapama Profili

Hygienic Edge Closure Profile

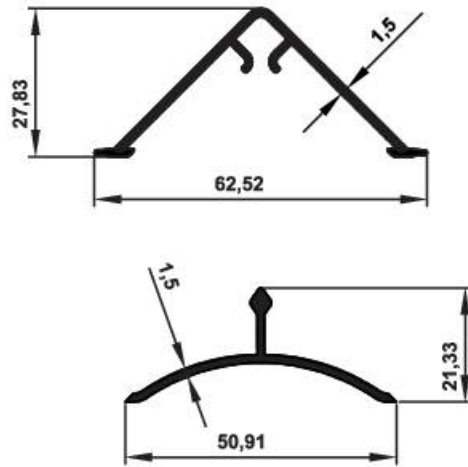


**İ-756-H**

Ürün Özellikleri

Hijyenik Kenar Kapama Profili

Hygienic Edge Closure Profile



**İ-756-HP/HP01**

Ürün Özellikleri

Hijyenik Alm. Taban Profili

Hygienic Base Profile



**İ-756-HAK**

Ürün Özellikleri

Hijyenik Köşe Birleştirme

Hygienic Corner Assembly Apparatus



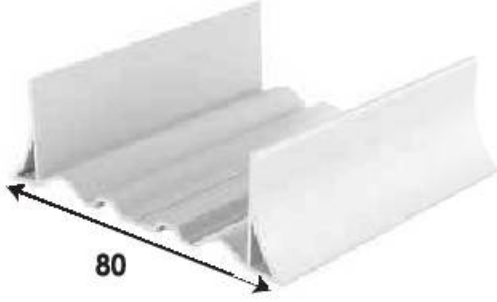
**İ-756-GK**

Ürün Özellikleri

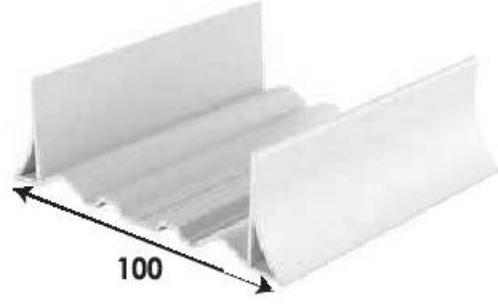
Hijyenik Köşe Birleştirme

Hygienic Corner Assembly Apparatus





İ-756-TP02



İ-756-TP03



İ-SPT-17-İK

Ürün Özellikleri  
Hijyenik Profil İç Köşe  
Hygienic Profile Inner Corner



İ-SPT-17-DK

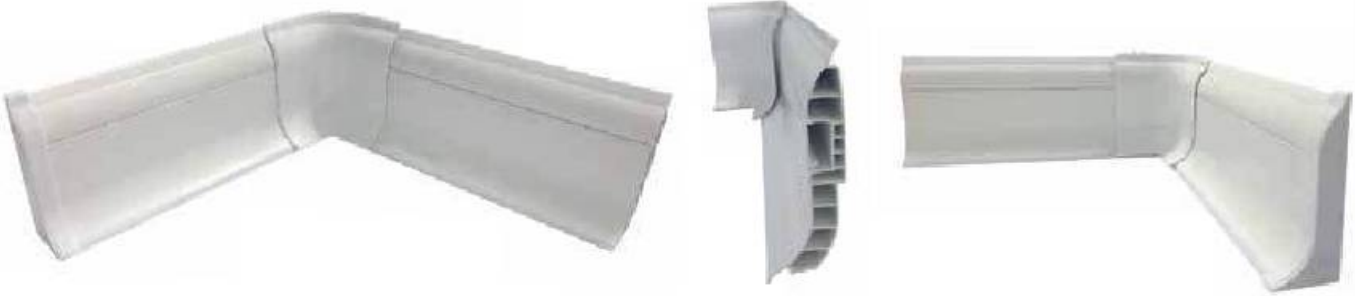
Ürün Özellikleri  
Hijyenik Profil Dış Köşe  
Hygienic Profile External Corner

Sağ-Sol / Right-Left



İ-SPT-17-T

Ürün Özellikleri  
Hijyenik Profil Tapa  
Hygienic Profile Plug

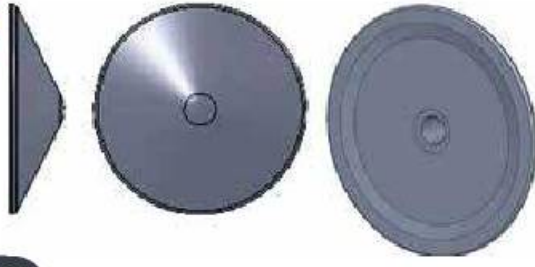


İ-SPT-59



İ-SPT-59

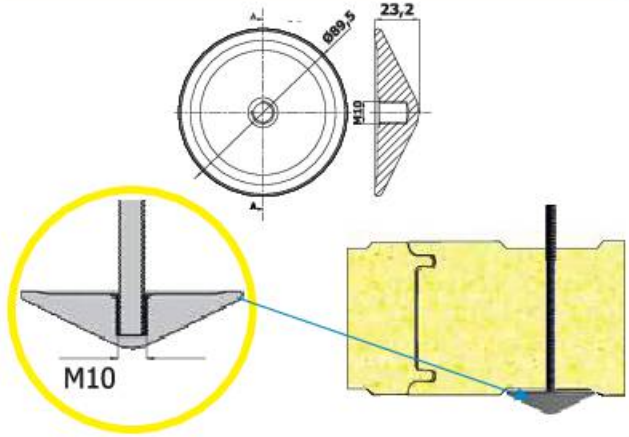
PVC



**I-PBV-01**

**Ürün Özellikleri**

Panel Tavan Bağlantı Vidası M 10 Somunlu  
Panel Ceiling Connection Screw M 10 With nut



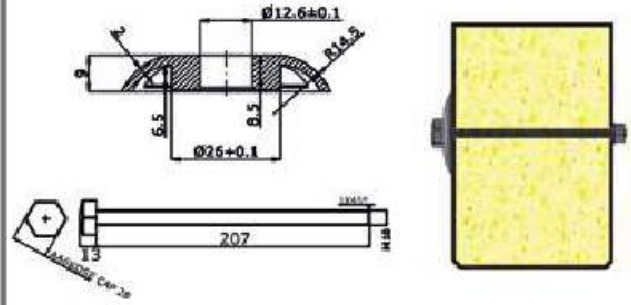
PVC



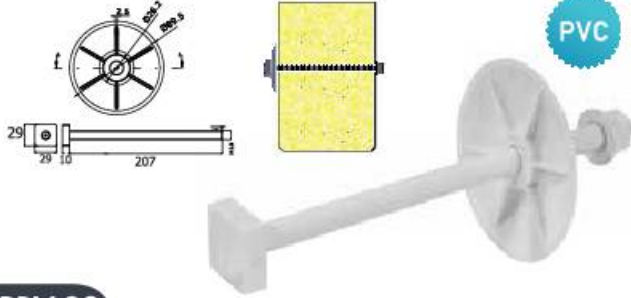
**I-PBV-02**

**Ürün Özellikleri**

Panel Karkas Bağlantı Vidası  
Panel Frame Connection Screw



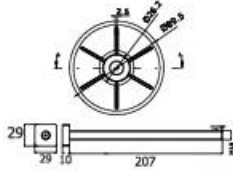
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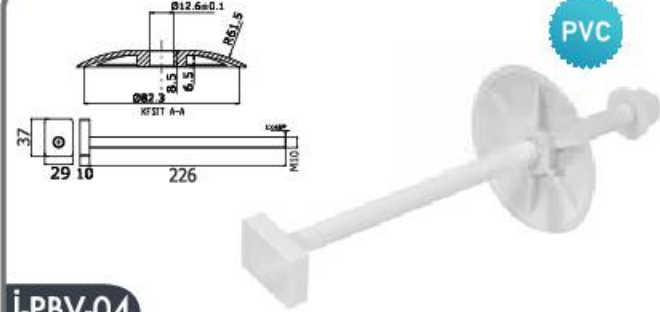
**I-PBV-03**

**Ürün Özellikleri**

Panel Karkas Bağlantı Vidası  
Panel Frame Connection Screw



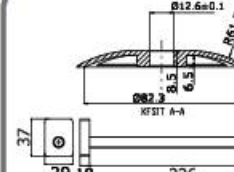
PVC



**I-PBV-04**

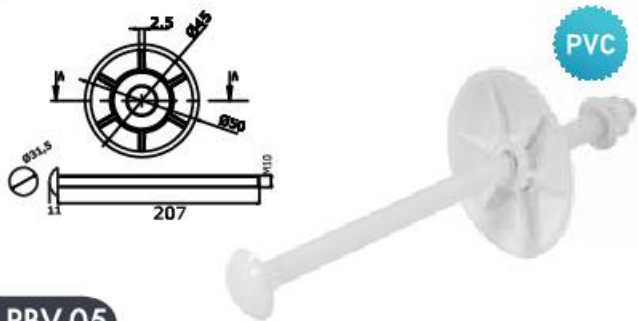
**Ürün Özellikleri**

Panel Karkas Bağlantı Vidası  
Panel Frame Connection Screw



PVC

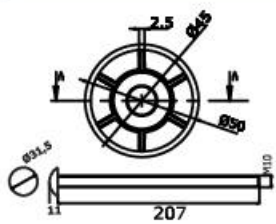
PVC



**I-PBV-05**

**Ürün Özellikleri**

Panel Karkas Bağlantı Vidası  
Panel Frame Connection Screw



PVC



**I-PBV-06**

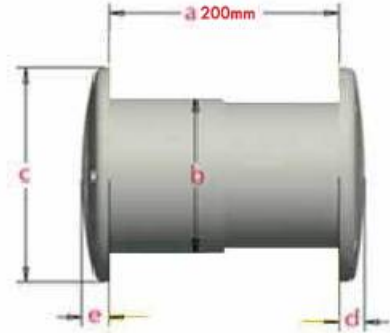
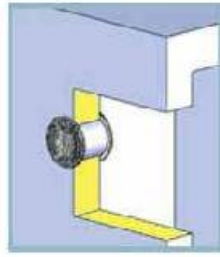
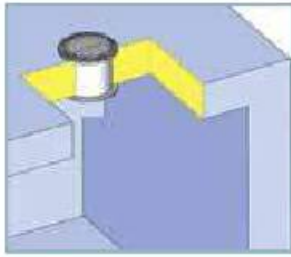
**Ürün Özellikleri**

Panel Karkas Bağlantı Vidası  
Panel Frame Connection Screw

PVC



İ-500



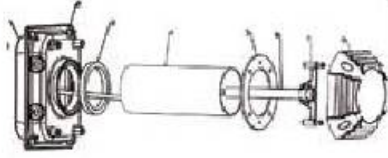
| Ebatlar / Dimension (mm) |     |             |    |      |
|--------------------------|-----|-------------|----|------|
| a                        | b   | c           | d  | e    |
| 60-200                   | 100 | 140         | 16 | 17,5 |
| Voltaj / Supply          |     | Güç / Power |    |      |
| 220V                     |     | 14w         |    |      |

- ❖Valfler plastik üretilmiştir ve silindir şeklindedir.
- ❖-40°'ye kadar dayanıklıdır.
- ❖2 metreküp -200 metreküp hacmindeki odalarda kullanabilir.
- ❖Valfin genişliği 60 mm'den 200 mm'ye kadar ayarlanabilir.
- ❖Valf borusunun boyu daha geniş ölçüler içinde ayarlanabilir.
- ❖Çiğlenmeyi önleyen ve 220V ile çalışan rezistanslı muhteva eder.
- ❖Rezistansın sıcaklığı basit bir zamanlayıcı ve termostat ile ayarlanabilir.

- ❖The valves are made of plastic and are cylindrical.
- ❖Resistat to -40° .
- ❖It can be used in room with a volume of 2 cubic meters -200 cubic meters.
- ❖The width of the valve tube can be adjusted in larger dimensions.
- ❖It contains 220V resistor which prevents dew.
- ❖The temperature of the resistor can be adjusted with a simple timer and thermostat.



- 1- Kontrol gövdesi / Control body
- 2- Dişli kutusu / Gear case
- 3- Kapak / Seal
- 4- Boru / Tube
- 5- Conta / Gasket
- 6- Isı çubuğu / Heating rod
- 7- Isı çubuğu tutucu / Heating rod
- 8- İç kapak / Inside cover



$$\text{Number of valves} = \frac{1.3 \text{ V}}{T (273+t)}$$

$$V = \text{M3 (Volume of the room in M3)}$$

$$T = \text{(Time variation in min. for } 1^{\circ}\text{C)}$$

$$t = \text{(Room temperature in } ^{\circ}\text{C, 273 and 1.3 are constant values)}$$

$$\text{ex: } V=5000 \quad T=15 \quad (\text{minutes}) \quad t=-30^{\circ}\text{C}$$

$$\frac{1.3 \text{ V}}{T (273+t)} = \frac{1.3 \times 5000}{15 \times (273-30)} = 1.78 \approx 2(\uparrow)$$

İ-501

- ❖ Prefabrik buzdolapları, dondurucular ve ısıtma dolapları için kullanılır.
- ❖ Mekanik olarak çalıştırılan bir valftir, 2 su geçirmez mobil kanat, 1 Giriş için ve diğeri egzoz için.
- ❖ Güç : 220 V / 40 W
- ❖ Güvenlik termostatu  $11 \pm 3^{\circ}\text{C} \sim 0 \pm 4^{\circ}\text{C}$  arasında açıktır, kapatıldığında çıkış alarmı gerilim altındadır.
- ❖ Ventilators functionment tamamen otomatiktir.
- ❖ Ürün ağırlığı : 1.7 kgs
- ❖ Kutu Boyutu : L335xW275xH280

#### Malzeme :

- ❖ ABS plastik gövde ve kapak ❖ PVC gri tüp ❖ TRP + PP filtre net ❖ İç paslanmaz çelik ve alüminyum

#### Kullanım Kılavuzu

- ❖ Ventilatorleri temizlemek için yüksek basınç altında su jeti kullanmayın. Ekipman, tedarik edilen ürünün malzemeleriyle uyumlu temizlik maddeleri kullanılarak temizlenmelidir.
- ❖ Dikkat: TAVANA DUVARA MONTE EDİLMİŞ BASINÇLI VANTİLATÖRLER TAKMAYIN.

#### Used for

Prefabricated refrigerators, freezers, and heating cabinets.

- ❖ It is a mechanically operated valve, with 2 water tight mobile flaps, 1 for admission and the other for exhaust.
- ❖ Power : 220 V / 40 W
- ❖ The security thermostat is open between  $11 \pm 3^{\circ}\text{C} \sim 0 \pm 4^{\circ}\text{C}$  when closed , the output alarm is under tension.
- ❖ Ventilators functionment is fully automatic.
- ❖ Product weight : 1.7 kgs
- ❖ Box Size : L335xW275xH280

#### Material

- ❖ ABS plastic body and cover ❖ PVC gray tube ❖ TRP+PP filter net ❖ Internal parts – stainless&aluminium

#### User Guide

- ❖ Cleaning to not use a water jet under high pressure for the cleaning for the Ventilators. The equipment should be cleaned using cleaning agents that are compatible with the materials of the supplied product.

- ❖ Attention ! DO NOT INSTALL ONTO THE CEILING A PRESSURE VENTILATORS WALL MOUNTING.



I-480

30 Amper



I-480-01

40 Amper

#### Ses İkazlı Soğutma ve Defrost Kontrol Cihazı

- ❖ 3 dijital göstergeli
- ❖ NTC girişi
- ❖ Kompresör, defrost, fan ve lamba kontrolü için dört ayrı çıkış
- ❖ Konfigüre edilebilir çıkış
- ❖ Kabin ve evaporatör için iki ayrı sensör girişi
- ❖ Konfigüre edilebilir dijital giriş
- ❖ ON/OFF kontrol
- ❖ Kabin ve evaporatör için ayrı ayarlanabilir sıcaklık ofseti
- ❖ Set değeri sınırlandırılması
- ❖ Kabin prob arızası durumunda; kompresörün sürekli çalışması, durması veya periyodik çalışma seçenekleri
- ❖ Kompresör koruma gecikmeleri
- ❖ Seçilebilir gazlı ya da elektrikli defrost fonksiyonu
- ❖ Ön panelden kolayca ayarlanabilen defrost zamanı
- ❖ 6 ayrı kullanıcı tanımlı gerçek zamanlı defrost imkânı
- ❖ Defrost parametreleri
- ❖ Alarm parametreleri
- ❖ Termik, fan, alçak basınç ve yüksek basınç olmak üzere 4 adet arıza girişi
- ❖ Fanı kompresör ve defrosta bağımlı çalıştırabilme
- ❖ Fanı evaporatör sensör sıcaklığına veya kabin evaporatör sıcaklığına bağlı çalıştırabilme

#### Cooling and Defrost Control Device with Buzzer

- ❖ 3 digit displays
- ❖ NTC input
- ❖ 4 separate output for compressor, defrost, fan and light control
- ❖ Configurable output
- ❖ 2 separate sensor input for cabinet and evaporator
- ❖ Configurable digital input
- ❖ ON/OFF control
- ❖ Separately adjustable 2 temperature offset value for cabinet and evaporator sensor
- ❖ Set value boundaries
- ❖ Operation selection of compressor operate continuously, stops or operates periodically in case of cabinet probe defect
- ❖ Compressor protection delays
- ❖ Selectable defrost function (hot gas or electric)
- ❖ Adjustable defrost time from front panel
- ❖ Manual defrost from front panel
- ❖ 6 separate user defined real time defrost
- ❖ Defrost parameters
- ❖ Alarm parameters





i-481

Ağırlık / Weight: 272 g



i-481-01

Ağırlık / Weight: 274 g



i-481-02

Ağırlık / Weight: 276 g



i-482

Ağırlık / Weight: 272 g



i-482-01

Ağırlık / Weight: 274 g



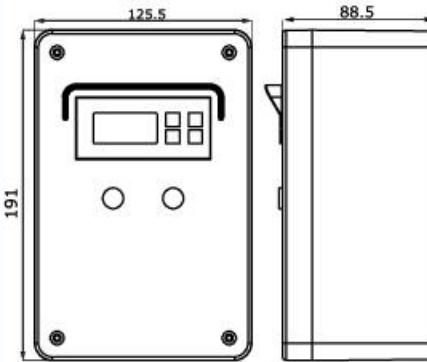
i-482-02

Ağırlık / Weight: 276 g



i-481-04

Ağırlık / Weight: 278 g



**Teknik Özellikleri/ Technical Details Material**  
ABS Plastik Gri Renk  
ABS Plastic Grey Color

#### Digital, ON / OFF Soğutma Kontrol Cihazı

- 4 Dijital göstergeli
- NTC giriş veya PTC girişi (Sporijle belirlenmelidir.)
- Kompresör, defrost ve fan kontrolü için üç ayrı çıkış
- Kabin ve evaporatör için iki ayrı sensör girişi
- Konfigüre edilebilir dijital giriş
- ON / OFF Kontrol
- Kabin ve evaporatör için ayrı ayrı ayarlanabilir küçük ofseti
- Set değeri sınırlandırması
- Kabin prob anızay durumunda; Kompresör ile sürekli çalışması, durması veya periyodik çalışması seçenekleri
- Kompresör koruma gecikmeleri
- Seçilebilir gazlı yada elektrikli defrost fonksiyonu
- Ön panelden kolayca ayarlanabilen defrost zamanı
- Ön panelden manuel defrost imkanı
- Defrost parametreleri
- Alarm parametreleri
- Fan'ın kompresör ve defrosta bağış çalıştırılabilmesi
- Fan'ın evaporatör sensör sıcaklığına veya (kabin - evaporatör) sıcaklığına bağış çalıştırılabilmesi
- Defrost, kabin prob anızay ve alarm durumlarına göre ayarlanabilen sesli uyarı (Dahili Buzar)
- Defrost zamanı ve/veya manuel defrost ve sıcaklık set değeri koruma özelliği,
- Programlama modu şifre koruması,
- Prokey ile parametre yüklemesi,
- Modbus RTU ile uzaktan erişim, data toplama ve kontrol,
- EN standartlarına göre CE markalı

#### Digital, ON / OFF Cooling Controller

- 4 Digits Display
- NTC input or PTC input (Must be determined in order.)
- 3 output for compressor, defrost and fan controls
- 2 sensor input for cabinet and evaporator
- Configurable digital input
- ON / OFF Control
- Separately adjustable 2 offset value for cabinet and evaporator sensor
- Set value boundaries
- Operation selection of compressor operate continuously, stops or operates periodically in case of cabinet probe defect
- Compressor protection delays
- Selectable defrost function (hot gas or electric)
- Adjustable defrost time from front panel
- Manual defrost from front panel
- Defrost parameters
- Alarm parameters
- Fan can be operated depending on compressor and defrost
- Fan can be operated depending on evaporator temperature or cabinet - evaporator temperature
- Adjustable internal buzzer according to the defrost, cabinet probe defect and alarm status
- Defrost time and/or manual defrost and/or temperature set value protection
- Password protection for programming mode
- Installing parameters using Prokey
- Remote access, data collecting and controlling with Modbus RTU
- Having CE mark according to European Norms





İ-ESM3712-C Çift Prop

İ-ESM3711-C Tek / Single Prop

- 4 dijital göstergeli
- NTC veya PTC girişi (Siparişte belirtilmelidir.)
- Kompresör, defrost ve fan kontrolü için üç ayrı çıkış
- Kabin ve evaporatör için iki ayrı sensör girişi
- Konfigure edilebilir dijital giriş
- ON/OFF kontrol
- Kabin ve evaporatör için ayrı ayarlanabilir sıcaklık ofseti
- Set değeri sınırlandırması
- Kabin prop arızası durumunda; kompresörün sürekli çalışması, durması veya periyodik çalışması için seçenekler
- Kompresör gecikmesi için seçenekler
- Seçilebilir gazlı veya elektrikli defrost fonksiyonu
- Ön panelden kolayca ayarlanabilen defrost zamanı
- Defrost parametreleri
- Alarm parametreleri
- Fan'ı kompresör ve defrosta bağımlı çalıştırabilme
- Fan'ı evaporatör sensör sıcaklığına veya kabin-evaporatör sıcaklığına bağlı çalıştırabilme
- Defrost, kabin prob arızası ve alarm durumlarına göre ayarlanabilen sesli uyarı (Dâhili BUZER)
- Defrost zamanı veya manuel defrost ve sıcaklık set değeri koruma özelliği
- Programlama modu şifre koruması
- Prokey ile parametre yükleme
- Modbus RTU ile uzaktan erişim, data toplama, kontrol
- EN standartlarına göre CE markalı

- 4 digits display
- NTC or PTC input (Must be determined in order.)
- 3 output for compressor, defrost and fan controls
- 2 sensors input for cabinet and evaporator
- Configurable digital input
- ON/OFF control
- Seperately adjustable 2 offset value for cabinet and evaporator sensor
- Set value boundaries
- Operation selection of compressor operate continuously stops or operates periodically in case of cabinet probe defect
- Compressor protection delays
- Selectable defrost function (hot gas or electric)
- Manual defrost from panel
- Defrost parametes
- Alarm parameters
- Fan can be operated depending on compressor and defrost
- Fan can be operated depending on evaporator temperature or cabinet evaporator temperature
- Adjustable internal buzzer according to the defrost, cabinet prob defect and alarm status
- Defrost time or manual defrost and temperature set value protection
- Password protection for programming mode
- Installing parameters using Prokey
- Remote access, data collecting and controlling with Modbus RTU
- Having CE mark according to European Norms

Same for Cold Room and Showcase Equipments



İ-ESM3710(-50...150°)

İ-ESM3710(0...800°)Propsuz

**Sıcaklık Kontrol Cihazı / Dijital Termostat**

- ❖ 3 Dijit göstergeli
- ❖ NTC, PTC, J tipi Termokupl, K tipi Termokupl, 2 Telli PT 100 veya 2 Telli PT 1000 giriş
- ❖ ON/OFF sıcaklık kontrolü
- ❖ Seçilebilir ısıtma veya soğutma fonksiyonu
- ❖ Histerisizli çalışma seçimi
- ❖ Ayarlanabilir sıcaklık ofseti
- ❖ Set değeri alt limit ve set değeri üst limit sınırlandırması
- ❖ Röle veya SSR sürücü çıkışı
- ❖ Prob arızası durumunda; kompresörün sürekli çalışması durması veya periyodik çalışması seçenekleri
- ❖ Kompresör koruma gecikmeleri
- ❖ Programlama modu şifre koruması

**Temperature Controller / Digital Thermostat**

- ❖ 3 digits display
- ❖ NTP, PTC, J type Thermocouple, K type Thermocouple, 2-Wire PT 100, 2-Wire PT 1000 input
- ❖ ON/OFF control
- ❖ Selectable heating or cooling function
- ❖ Selection of operation with hysteresis
- ❖ Adjustable temperature offset
- ❖ Set value low limit and set value high limit boundaries
- ❖ Relay or SSR driver output
- ❖ Operation selection of compressor periodically in case of continuously, stops or operates periodically in case of probe defect
- ❖ Compressor protection delays
- ❖ Password protection for programming mode

Same for Cold Room and Showcase Equipments



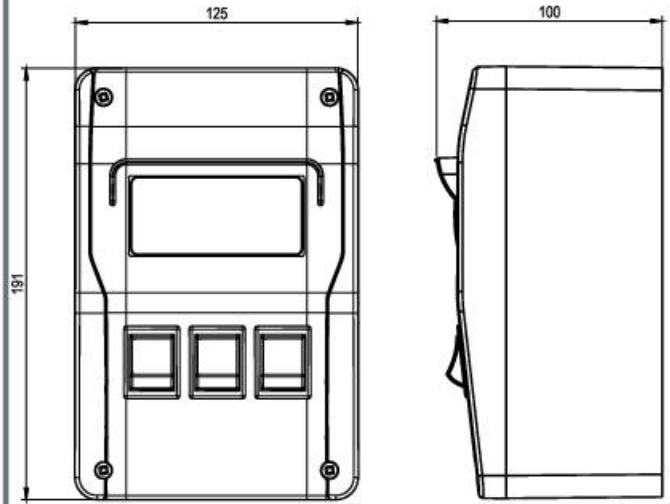
i-481-N1



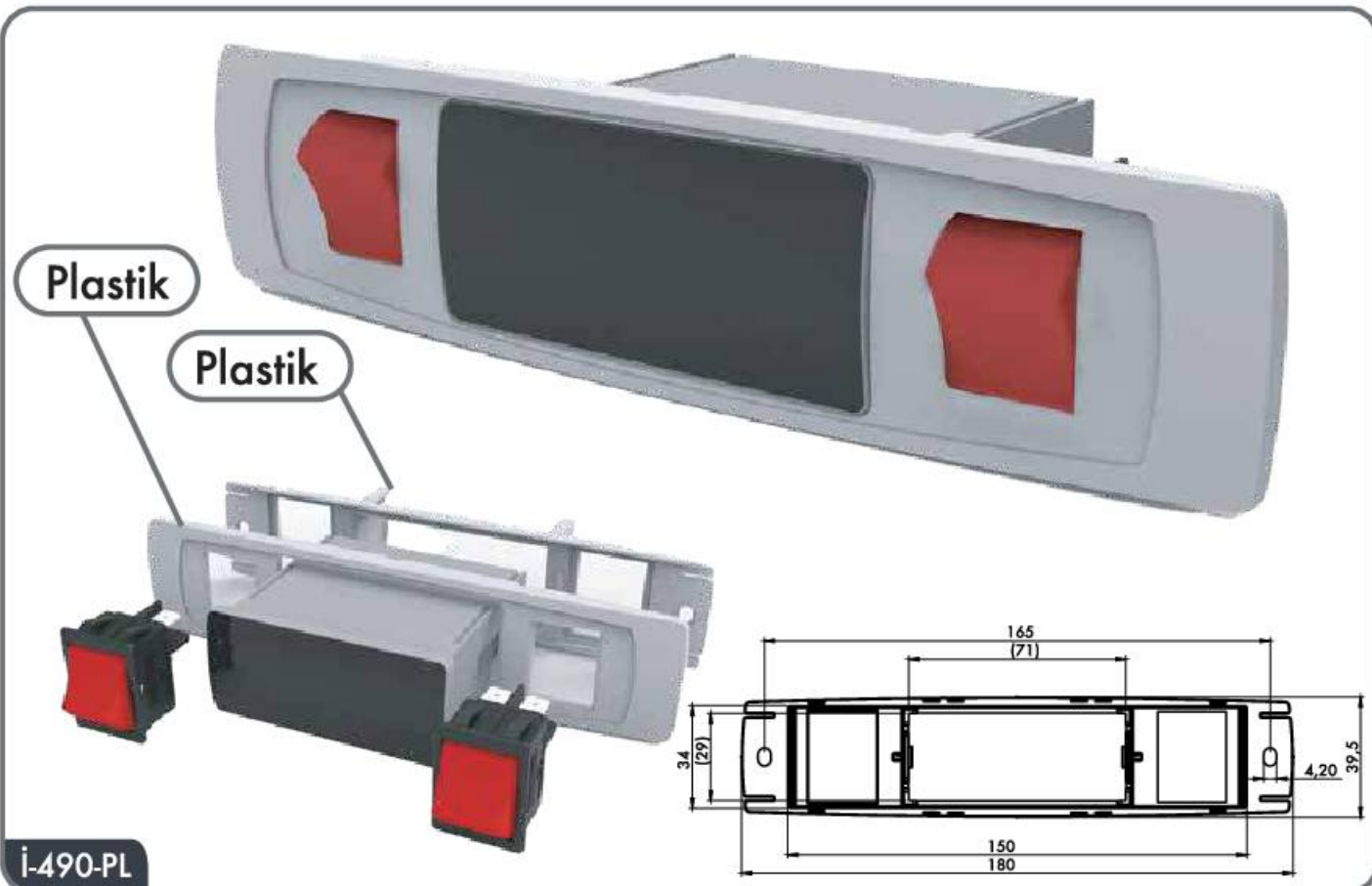
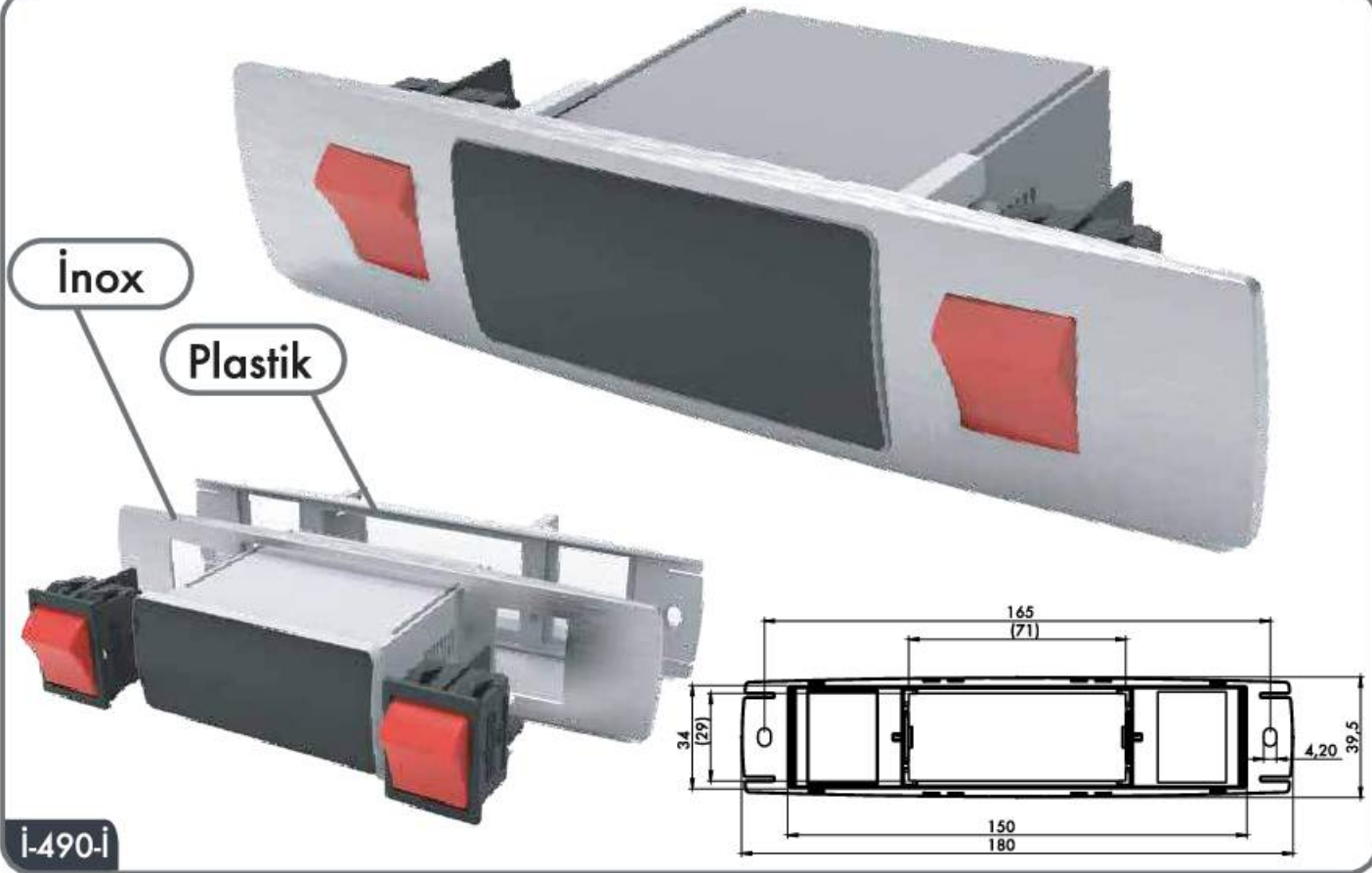
i-481-N2



i-481-N3









İ-RZ01-Sürgülü Kapı Rezistansı/Sliding Door Resistance

Kesilebilir rezistans / Cuttable resistance  
Isı ve alev dayanıklı silikon izoleli yüksek sıcaklık ve ısıtım  
olduğu ortamlarda kullanılır. İstenilen çaplarda üretim yapılır.  
20W - 25W - 30W - 50W - 110V - 220V

Heat and flame resistant silicone insulated high temperature  
and heat. It is used in environments where.  
Production can be made in desired diameters.  
20W - 25W - 30W - 50W - 110V - 220V



İ-RZ02-Çelik Kafesli Rezistans/Cuttable Steel Cage Resistance

Kesilebilir çelik kafesli rezistans / Cuttable Steel cage  
resistance  
Isı ve alev dayanıklı silikon izoleli yüksek sıcaklık ve ısıtım  
olduğu ortamlarda kullanılır.  
20W - 25W - 30W - 50W - 110V - 220V

Heat and flame resistant silicone insulated high temperature  
and heat. It is used in environments where.  
Production can be made in desired diameters.  
20W - 25W - 30W - 50W - 110V - 220V



İ-RZ04-Çarpma Kapı Rezistansı/Hinged Door Resistance

Soğuk oda ve buzdane kapılarında donmaya karşı koruma  
gerektiren yerlerde kullanılır.

Çelik + Silikon + Cam Elyafı + Krom + Nikel 80/20

It can be use for cold room door and anywhere that requires  
protection against freezing.

Steel + Silicone + glass fiber + chrome + nickel 80/20

| Kapı Ölçüsü<br>Door Size | Rezistans Ölçüsü<br>Resistance Size     | Değerler<br>Values |
|--------------------------|-----------------------------------------|--------------------|
| 90 cm x 190 cm           | 5,95 m sıcak/hot<br>15+15 cm soğuk/cold | 220V 180W          |
| 120 cm x 200 cm          | 6,95 m sıcak/hot<br>15+15 cm soğuk/cold | 220V 200W          |

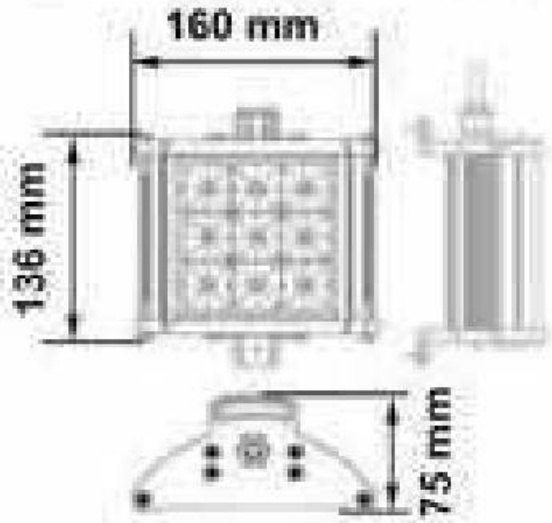


İ-RZ05-Drenaj Rezistansı / Drainheating Resistance

Silikon Drenaj Elemanları  
Silicon Drainheating Components

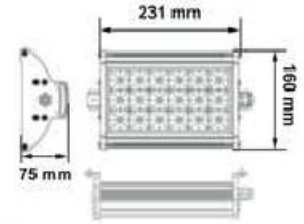
1m - 50w  
1,5m - 75w  
2m - 100w  
3m - 150w  
4m - 200w  
5m - 250w  
6m - 300w





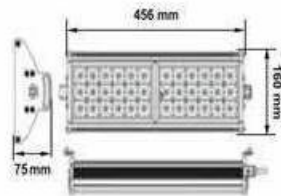
| Güç / Power | Lümen (LM) |
|-------------|------------|
| 12,1        | 933        |

İ-LD900



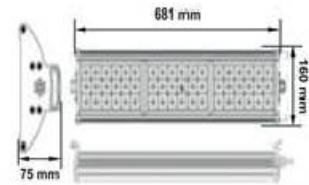
| Güç / Power | Lümen (LM) |
|-------------|------------|
| 22,9        | 1866       |

İ-LD800



| Güç / Power | Lümen (LM) |
|-------------|------------|
| 45,8        | 3732       |

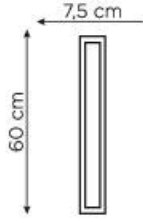
İ-LD3600



| Güç / Power | Lümen (LM) |
|-------------|------------|
| 68,7        | 5598       |

İ-LD5400



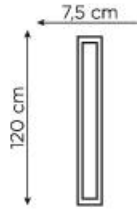


| 18W BANT ARMATÜR |         |            |             |
|------------------|---------|------------|-------------|
| Ürün Modeli      | Güç (W) | Işık Rengi | Işık Lümeni |
| 12111111         | 18W     | 6500k      | 1440lm      |
| 12111112         | 18W     | 4000k      | 1440lm      |
| 12111113         | 18W     | 3000k      | 1440lm      |

| 18W SENSÖRLÜ BANT ARMATÜR |         |            |             |
|---------------------------|---------|------------|-------------|
| Ürün Modeli               | Güç (W) | Işık Rengi | Işık Lümeni |
| 12111311                  | 18W     | 6500k      | 1440lm      |
| 12111312                  | 18W     | 4000k      | 1440lm      |
| 12111313                  | 18W     | 3000k      | 1440lm      |

| 18W ALÜMİNYUM BANT ARMATÜR |         |            |             |
|----------------------------|---------|------------|-------------|
| Ürün Modeli                | Güç (W) | Işık Rengi | Işık Lümeni |
| 12111211                   | 18W     | 6500k      | 1440lm      |
| 12111212                   | 18W     | 4000k      | 1440lm      |
| 12111213                   | 18W     | 3000k      | 1440lm      |

| 18W SENSÖRLÜ ALÜMİNYUM BANT ARMATÜR |         |            |             |
|-------------------------------------|---------|------------|-------------|
| Ürün Modeli                         | Güç (W) | Işık Rengi | Işık Lümeni |
| 12111411                            | 18W     | 6500k      | 1440lm      |
| 12111412                            | 18W     | 4000k      | 1440lm      |
| 12111413                            | 18W     | 3000k      | 1440lm      |

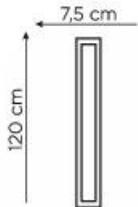


| 40W BANT ARMATÜR |         |            |             |
|------------------|---------|------------|-------------|
| Ürün Modeli      | Güç (W) | Işık Rengi | Işık Lümeni |
| 12111114         | 40W     | 6500k      | 3200lm      |
| 12111115         | 40W     | 4000k      | 3200lm      |
| 12111116         | 40W     | 3000k      | 3200lm      |

| 40W ALÜMİNYUM BANT ARMATÜR |         |            |             |
|----------------------------|---------|------------|-------------|
| Ürün Modeli                | Güç (W) | Işık Rengi | Işık Lümeni |
| 12111214                   | 40W     | 6500k      | 3200lm      |
| 12111215                   | 40W     | 4000k      | 3200lm      |
| 12111216                   | 40W     | 3000k      | 3200lm      |

| 40W SENSÖRLÜ BANT ARMATÜR |         |            |             |
|---------------------------|---------|------------|-------------|
| Ürün Modeli               | Güç (W) | Işık Rengi | Işık Lümeni |
| 12111314                  | 40W     | 6500k      | 3200lm      |
| 12111315                  | 40W     | 4000k      | 3200lm      |
| 12111316                  | 40W     | 3000k      | 3200lm      |

| 40W SENSÖRLÜ ALÜMİNYUM BANT ARMATÜR |         |            |             |
|-------------------------------------|---------|------------|-------------|
| Ürün Modeli                         | Güç (W) | Işık Rengi | Işık Lümeni |
| 12111414                            | 40W     | 6500k      | 3200lm      |
| 12111415                            | 40W     | 4000k      | 3200lm      |
| 12111416                            | 40W     | 3000k      | 3200lm      |



| 54W BANT ARMATÜR |         |            |             |
|------------------|---------|------------|-------------|
| Ürün Modeli      | Güç (W) | Işık Rengi | Işık Lümeni |
| 12111117         | 54W     | 6500k      | 4320lm      |
| 12111118         | 54W     | 4000k      | 4320lm      |
| 12111119         | 54W     | 3000k      | 4320lm      |

| 54W SENSÖRLÜ BANT ARMATÜR |         |            |             |
|---------------------------|---------|------------|-------------|
| Ürün Modeli               | Güç (W) | Işık Rengi | Işık Lümeni |
| 12111317                  | 54W     | 6500k      | 4320lm      |
| 12111318                  | 54W     | 4000k      | 4320lm      |
| 12111319                  | 54W     | 3000k      | 4320lm      |

| 54W ALÜMİNYUM BANT ARMATÜR |         |            |             |
|----------------------------|---------|------------|-------------|
| Ürün Modeli                | Güç (W) | Işık Rengi | Işık Lümeni |
| 12111217                   | 54W     | 6500k      | 4320lm      |
| 12111218                   | 54W     | 4000k      | 4320lm      |
| 12111219                   | 54W     | 3000k      | 4320lm      |

| 54W SENSÖRLÜ ALÜMİNYUM BANT ARMATÜR |         |            |             |
|-------------------------------------|---------|------------|-------------|
| Ürün Modeli                         | Güç (W) | Işık Rengi | Işık Lümeni |
| 12111417                            | 54W     | 6500k      | 4320lm      |
| 12111418                            | 54W     | 4000k      | 4320lm      |
| 12111419                            | 54W     | 3000k      | 4320lm      |

## Soğuk Oda Spot Armatürleri / Cold Room Spot Armatures



30W RAY SPOT ARMATÜRÜ SİYAH KASA

| Ürün Modeli | Güç (W) | Işık Rengi | Işık Lümeni |
|-------------|---------|------------|-------------|
| 12181111    | 30W     | 6500k      | 2550lm      |
| 12181112    | 30W     | 4000k      | 2550lm      |
| 12181113    | 30W     | 3000k      | 2550lm      |



30W RAY SPOT ARMATÜRÜ BEYAZ KASA

| Ürün Modeli | Güç (W) | Işık Rengi | Işık Lümeni |
|-------------|---------|------------|-------------|
| 12181114    | 30W     | 6500k      | 2550lm      |
| 12181115    | 30W     | 4000k      | 2550lm      |
| 12181116    | 30W     | 3000k      | 2550lm      |



MONOFAZE RAY SPOT YOLU

| Ürün Modeli | Ürün Ölçü/Renk | Ürün Modeli | Ürün Ölçü/Renk |
|-------------|----------------|-------------|----------------|
| 12191111    | 1 Mt / Siyah   | 12191112    | 1 Mt / Beyaz   |
| 12191113    | 2 Mt / Siyah   | 12191114    | 2 Mt / Beyaz   |
| 12191115    | 3 Mt / Siyah   | 12191116    | 3 Mt / Beyaz   |



RAY SPOT YOLU MONOFAZE DÜZ BAĞLANTI APARATI

| Ürün Modeli | Ürün Rengi | Ürün Modeli | Ürün Rengi |
|-------------|------------|-------------|------------|
| 12191211    | Siyah      | 12191212    | Beyaz      |



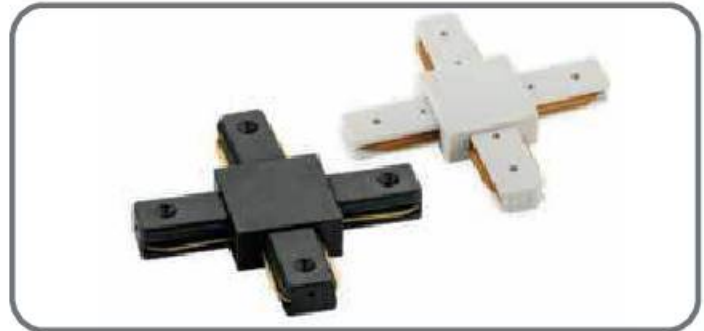
RAY SPOT YOLU MONOFAZE L BAĞLANTI APARATI

| Ürün Modeli | Ürün Rengi | Ürün Modeli | Ürün Rengi |
|-------------|------------|-------------|------------|
| 12191311    | Siyah      | 12191312    | Beyaz      |



RAY SPOT YOLU MONOFAZE T BAĞLANTI APARATI

| Ürün Modeli | Ürün Rengi | Ürün Modeli | Ürün Rengi |
|-------------|------------|-------------|------------|
| 12191411    | Siyah      | 12191412    | Beyaz      |



RAY SPOT YOLU MONOFAZE X BAĞLANTI APARATI

| Ürün Modeli | Ürün Rengi | Ürün Modeli | Ürün Rengi |
|-------------|------------|-------------|------------|
| 12191511    | Siyah      | 12191512    | Beyaz      |



TEKLİ SIVA ÜSTÜ RAY SPOT MONTAJ APARATI

| Ürün Modeli | Ürün Rengi | Ürün Modeli | Ürün Rengi |
|-------------|------------|-------------|------------|
| 12191611    | Siyah      | 12191612    | Beyaz      |



#### 30W SLIM LED PROJEKTÖR IP66

| Ürün Modeli | Güç (W) | Işık Rengi | Işık Lümeni |
|-------------|---------|------------|-------------|
| 13121111    | 30W     | 6500k      | 2700lm      |
| 13121112    | 30W     | 3000k      | 2700lm      |
| 13121113    | 30W     | Yeşil      | 2700lm      |

#### 50W SLIM LED PROJEKTÖR IP66

| Ürün Modeli | Güç (W) | Işık Rengi | Işık Lümeni |
|-------------|---------|------------|-------------|
| 13121114    | 50W     | 6500k      | 4300lm      |
| 13121115    | 50W     | 3000k      | 4300lm      |
| 13121116    | 50W     | Yeşil      | 4300lm      |

#### 100W SLIM LED PROJEKTÖR IP66

| Ürün Modeli | Güç (W) | Işık Rengi | Işık Lümeni |
|-------------|---------|------------|-------------|
| 13121117    | 100W    | 6500k      | 8500lm      |
| 13121118    | 100W    | 3000k      | 4320lm      |
| 13121119    | 100W    | Yeşil      | 4320lm      |

#### 150W SLIM LED PROJEKTÖR IP66

| Ürün Modeli | Güç (W) | Işık Rengi | Işık Lümeni |
|-------------|---------|------------|-------------|
| 13121120    | 150W    | 6500k      | 13000lm     |
| 13121121    | 150W    | 3000k      | 13000lm     |

#### 200W SLIM LED PROJEKTÖR IP66

| Ürün Modeli | Güç (W) | Işık Rengi | Işık Lümeni |
|-------------|---------|------------|-------------|
| 13121122    | 200W    | 6500k      | 18000lm     |
| 13121123    | 200W    | 3000k      | 18000lm     |

#### 300W SLIM LED PROJEKTÖR IP66

| Ürün Modeli | Güç (W) | Işık Rengi | Işık Lümeni |
|-------------|---------|------------|-------------|
| 13121124    | 300W    | 6500k      | 27000lm     |
| 13121125    | 300W    | 3000k      | 27000lm     |



#### TW 50W LED PROJEKTÖR IP66

| Ürün Modeli | Güç (W) | Işık Rengi | Işık Lümeni |
|-------------|---------|------------|-------------|
| 13121311    | 50W     | 6500k      | 5600lm      |
| 13121312    | 50W     | 3000k      | 5600lm      |

#### TW 100W LED PROJEKTÖR IP66

| Ürün Modeli | Güç (W) | Işık Rengi | Işık Lümeni |
|-------------|---------|------------|-------------|
| 13121313    | 100W    | 6500k      | 11200lm     |
| 13121314    | 100W    | 3000k      | 11200lm     |

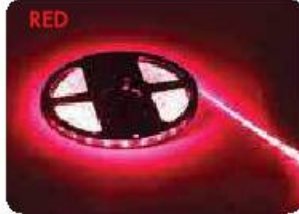
#### TW 150W LED PROJEKTÖR IP66

| Ürün Modeli | Güç (W) | Işık Rengi | Işık Lümeni |
|-------------|---------|------------|-------------|
| 13121315    | 150W    | 6500k      | 16800lm     |
| 13121316    | 150W    | 3000k      | 16800lm     |





3 LEDs make a group and each group can be cut or extended in terms of the length of application



## Şerit Led Işıklar

12V

3 Chip

40x40

Gün Işığı  
Day Light

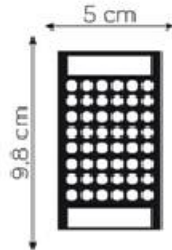
1 roll  
5 mt

3000K

30.000  
Hours

4320 LM

-25° / +60°



### 3A 36W SLIM POWER SUPPLY TRAFİO

| Ürün Modeli | Güç (W) | Amper (A) | Koruma Sınıfı |
|-------------|---------|-----------|---------------|
| 14111111    | 36W     | 3A        | IP 20         |



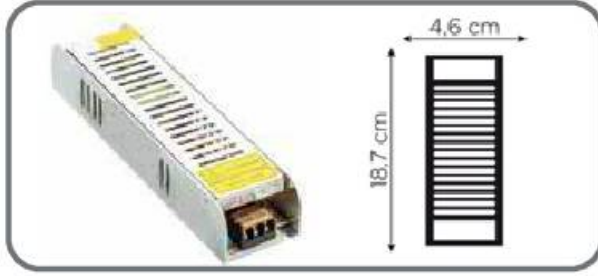
### 5A 60W SLIM POWER SUPPLY TRAFİO

| Ürün Modeli | Güç (W) | Amper (A) | Koruma Sınıfı |
|-------------|---------|-----------|---------------|
| 14111112    | 60W     | 5A        | IP 20         |



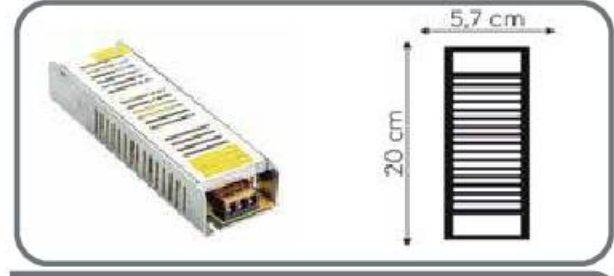
### 8.5A 100W SLIM POWER SUPPLY TRAFİO

| Ürün Modeli | Güç (W) | Amper (A) | Koruma Sınıfı |
|-------------|---------|-----------|---------------|
| 14111119    | 100W    | 8.5A      | IP 20         |



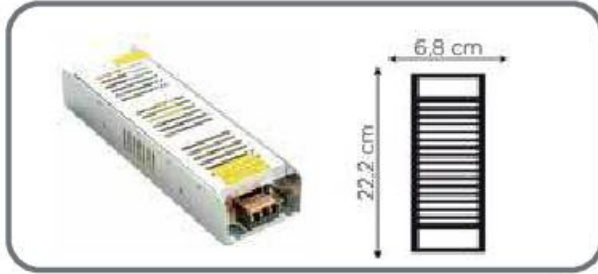
10A 120W SLIM POWER SUPPLY TRAFÖ

| Ürün Modeli | Güç (W) | Amper (A) | Koruma Sınıfı |
|-------------|---------|-----------|---------------|
| 14111113    | 120W    | 10A       | IP 20         |



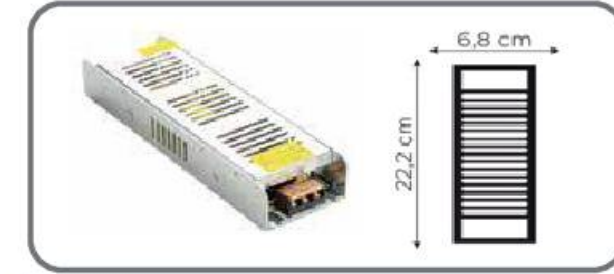
12.5A 150W SLIM POWER SUPPLY TRAFÖ

| Ürün Modeli | Güç (W) | Amper (A) | Koruma Sınıfı |
|-------------|---------|-----------|---------------|
| 14111114    | 150W    | 12.5A     | IP 20         |



16.5A 200W SLIM POWER SUPPLY TRAFÖ

| Ürün Modeli | Güç (W) | Amper (A) | Koruma Sınıfı |
|-------------|---------|-----------|---------------|
| 14111115    | 200W    | 16.5A     | IP 20         |



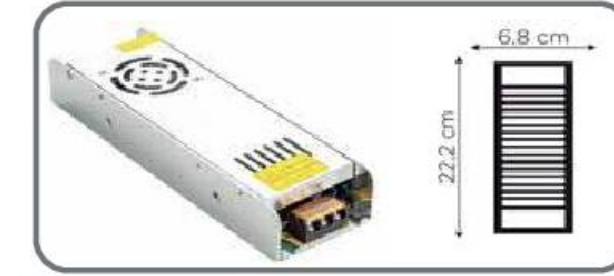
20A 250W SLIM POWER SUPPLY TRAFÖ

| Ürün Modeli | Güç (W) | Amper (A) | Koruma Sınıfı |
|-------------|---------|-----------|---------------|
| 14111116    | 250W    | 20A       | IP 20         |



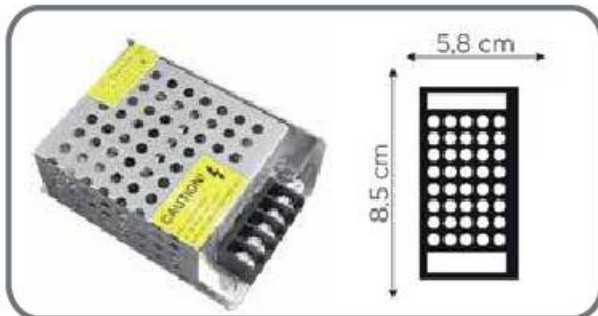
30A 360W SLIM POWER SUPPLY TRAFÖ

| Ürün Modeli | Güç (W) | Amper (A) | Koruma Sınıfı |
|-------------|---------|-----------|---------------|
| 14111117    | 360W    | 30A       | IP 20         |



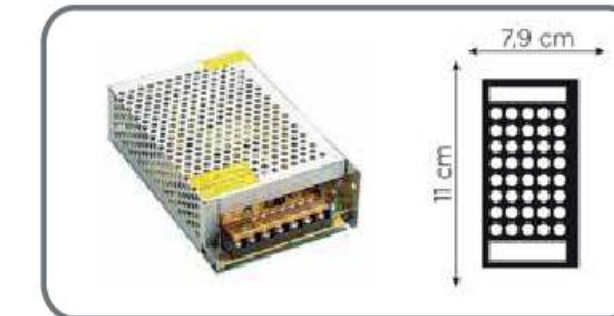
40A 500W SLIM POWER SUPPLY TRAFÖ

| Ürün Modeli | Güç (W) | Amper (A) | Koruma Sınıfı |
|-------------|---------|-----------|---------------|
| 14111118    | 500W    | 40A       | IP 20         |



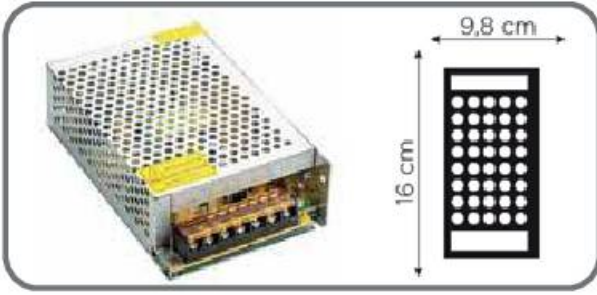
3.33A 36W POWER SUPPLY TRAFÖ

| Ürün Modeli | Güç (W) | Amper (A) | Koruma Sınıfı |
|-------------|---------|-----------|---------------|
| 14121111    | 36W     | 3.33A     | IP 20         |



5A 60W POWER SUPPLY TRAFÖ

| Ürün Modeli | Güç (W) | Amper (A) | Koruma Sınıfı |
|-------------|---------|-----------|---------------|
| 14121112    | 60W     | 5A        | IP 20         |



10A 120W POWER SUPPLY TRAFÖ

| Ürün Modeli | Güç (W) | Amper (A) | Koruma Sınıfı |
|-------------|---------|-----------|---------------|
| 14121113    | 120W    | 10A       | IP 20         |



20A 250W POWER SUPPLY TRAFÖ

| Ürün Modeli | Güç (W) | Amper (A) | Koruma Sınıfı |
|-------------|---------|-----------|---------------|
| 14121116    | 250W    | 20A       | IP 20         |



30A 360W POWER SUPPLY TRAFÖ

| Ürün Modeli | Güç (W) | Amper (A) | Koruma Sınıfı |
|-------------|---------|-----------|---------------|
| 14121117    | 360W    | 30A       | IP 20         |



40A 500W POWER SUPPLY TRAFÖ

| Ürün Modeli | Güç (W) | Amper (A) | Koruma Sınıfı |
|-------------|---------|-----------|---------------|
| 14121118    | 500W    | 40A       | IP 20         |



12V 1A PLASTİK ADAPTÖR

| Ürün Modeli | Voltaj (V) | Amper (A) | Koruma Sınıfı |
|-------------|------------|-----------|---------------|
| 14151111    | 12V        | 1A        | IP 20         |



12V 2A PLASTİK ADAPTÖR

| Ürün Modeli | Voltaj (V) | Amper (A) | Koruma Sınıfı |
|-------------|------------|-----------|---------------|
| 14151112    | 12V        | 2A        | IP 20         |

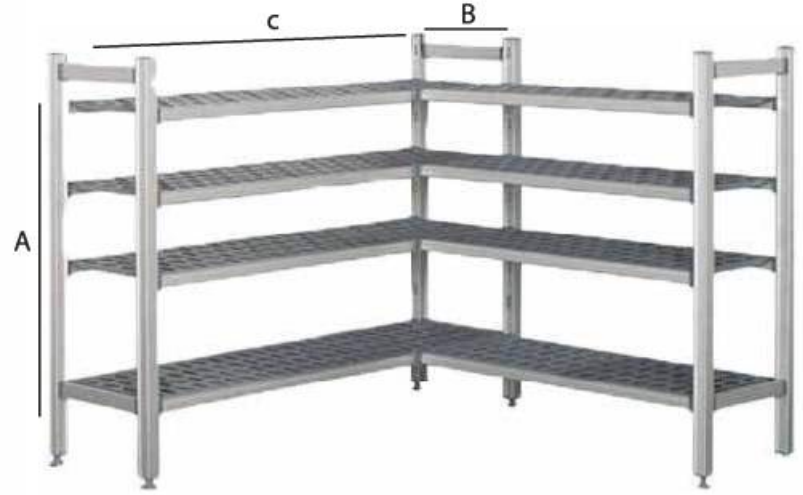


12V 3A / 5A PLASTİK ADAPTÖR

| Ürün Modeli | Voltaj (V) | Amper (A) | Koruma Sınıfı |
|-------------|------------|-----------|---------------|
| 14151113    | 12V        | 3A        | IP 20         |
| 14151114    | 12V        | 5A        | IP 20         |



4 Katlı Çift Taraflı Ayaklı Model



İ-375-R

BOYUT  
DIMENSION

700 x 560 x 1680

800 x 560 x 1680

900 x 560 x 1680

1005 x 560 x 1680

1105 x 560 x 1680

1205 x 560 x 1680

1305 x 560 x 1680

1410 x 560 x 1680

1510 x 560 x 1680

1610 x 560 x 1680

1710 x 560 x 1680



## Teknik Özellikler

- Elektrostatik boyalı çelik galvaniz kabin
  - Gerilim koruma rölesi ( Alçak / Yüksek)
  - Termik / Manyetik şalter
  - Kontaktör ( Trifaze modellerde)
  - Karter ısıtıcısı
  - Bakır boru-alüminyum lamelli kondenser
  - 6 kutuplu fan
  - Elektronik fan kontrolü(0/1)
  - Soğutucu akışkan deposu
  - Kurutucu filitre
  - Gaz göstergesi (Rutubet göstergeli)
  - Likit akış kontrol selenoidi
  - Servis / Bakım vanası (Sıvı hattı üzerinde)
  - Basınç presostadı (Alçak/Yüksek)
- Technical Specifications
- Electrostatic painted, steel galvanized unit
  - Voltage Protection Relay (low/high),
  - Magneto-Thermal Switch,
  - Contactor on three phase models,
  - Crankcase heater,
  - Condensers with copper pipes and aluminium fins,
  - 6 Pole fans,
  - Electronic fan speed control(0/1),
  - Refrigerant liquid container,
  - Drier Filter
  - Gas flow gauge with humidity indicator,
  - Liquid flow control selenoid,
  - Service / Maintenance Valve (liquid line features),
  - Pressure Switch (low/high)



0,6-23,0 kw soğutma kapasiteleri aralığında soğuk odalar,vitrin tipi buzdolapları,buz ve dondurma makineleri ile benzeri ticari veya endüstriyel tüm soğutma uygulamalarında kullanılmaya uygundur.Sistemler, güvenilir ve azami verimde çalışacak şekilde tasarlanmıştır. Bakım ve servis sürecinde sistemin çalışabilirliği kompresörlerin bağımsız bölmeye montajı ile sağlanmıştır.

Bu modellerde, ses düzeylerinin asgari seviyelerde tutulabilmesi hedeflenmiştir. Bu amaç ile ünitelerde 6 kutuplu fanlar (900 dev/dak) kullanılmaktadır. izolasyonsuz ve maksimum fan hızındaki modellerde. 10m mesafede ISO3744'e göre 43dB(A)den başlayan ses düzeyi, kabin içi izolasyon ilavesi ve elektronik fan devir kontrolü ile özellikle gece saatlerinde korozif etkisi dikkate alınarak montaj / bakım kolaylığı da sağlayacak geometride üretilen kabinler, estetik görünümü sayesinde, çatı,teras,cephe ve benzeri alanlara yerleştirilebilirler.

ICU Yoğunlaştırma üniteleri geniş model yelpazesi ve özel model opsiyonları ile muhtelif kapasite ihtiyaçlarına cevap verebilmektedir.

Cooling capacity rating from 0,6-23,0kW, cold rooms, refrigerated display cabinets, ice and ice-cream machines together with similar industrial refrigeration/chilling which can be adapted to all areas. The system functions have been devised for maximum/utmost safety and efficiency. At the maintenance and service stages the systems operations remain in working stage due to the fact that compressor has been attached independantly.

In these models, the sound while working has been kept to a minimum degree.For this objective 6-Pole fans (900cycle/min)for each unit are in use. In the models without isolation and maximum fan speed at 10m distance respect to ISO3744 starting at 43 dB(A) sound level, unit soundproofing isolation with an electronic fan circuit have been supplemented giving best of results especially for night sessions.

Taking into account the usage of the units in the exteriors of buildings or for outside usage the designs have been made especially for easy for assembling and maintenance while keeping an esthetic appearance with its special geometrical shapes when placed/mounted on a roof,terrace or on an outside environment.

ICU Condensing Units with its exetended model ranges and special model options together with its capacity variations gives best results for every necessity everywhere.



# Refrigerator and Closed Box Equipments

## Frigofirik Grubu



[www.azizel.com.tr](http://www.azizel.com.tr)

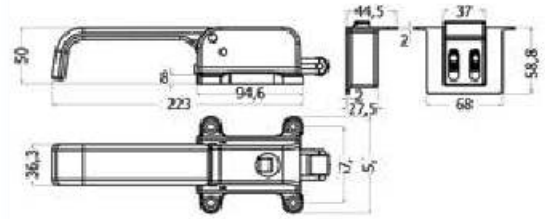




Ağırlık / Weight: 1,438 gr

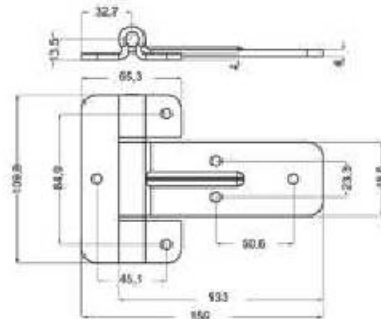
I-600

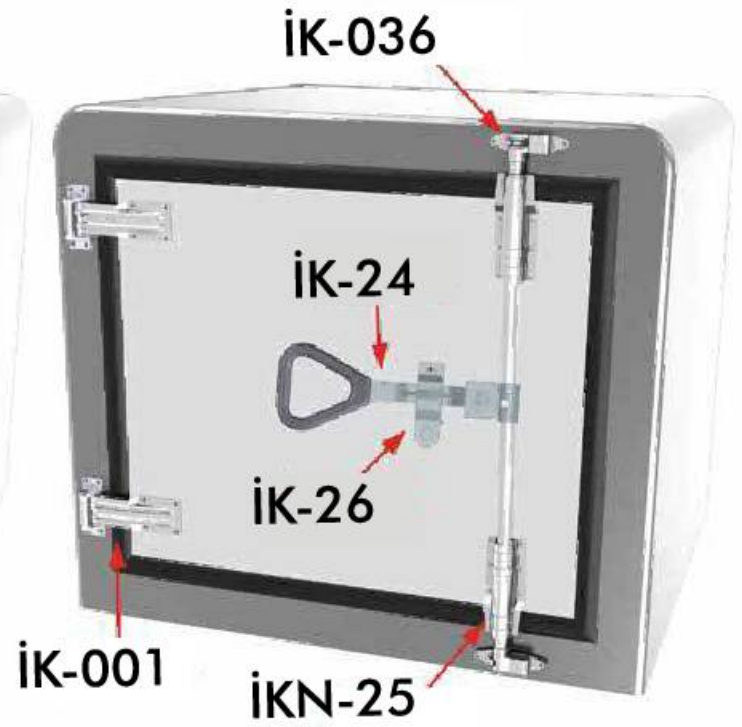
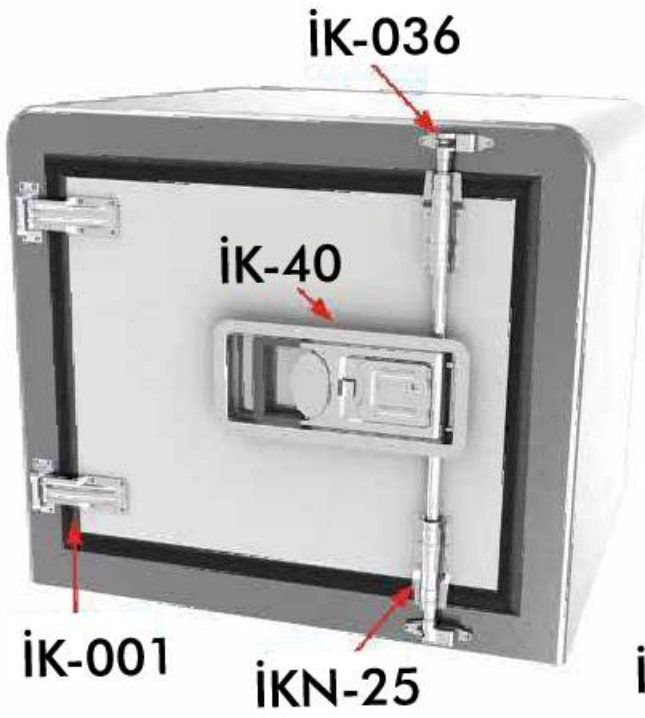
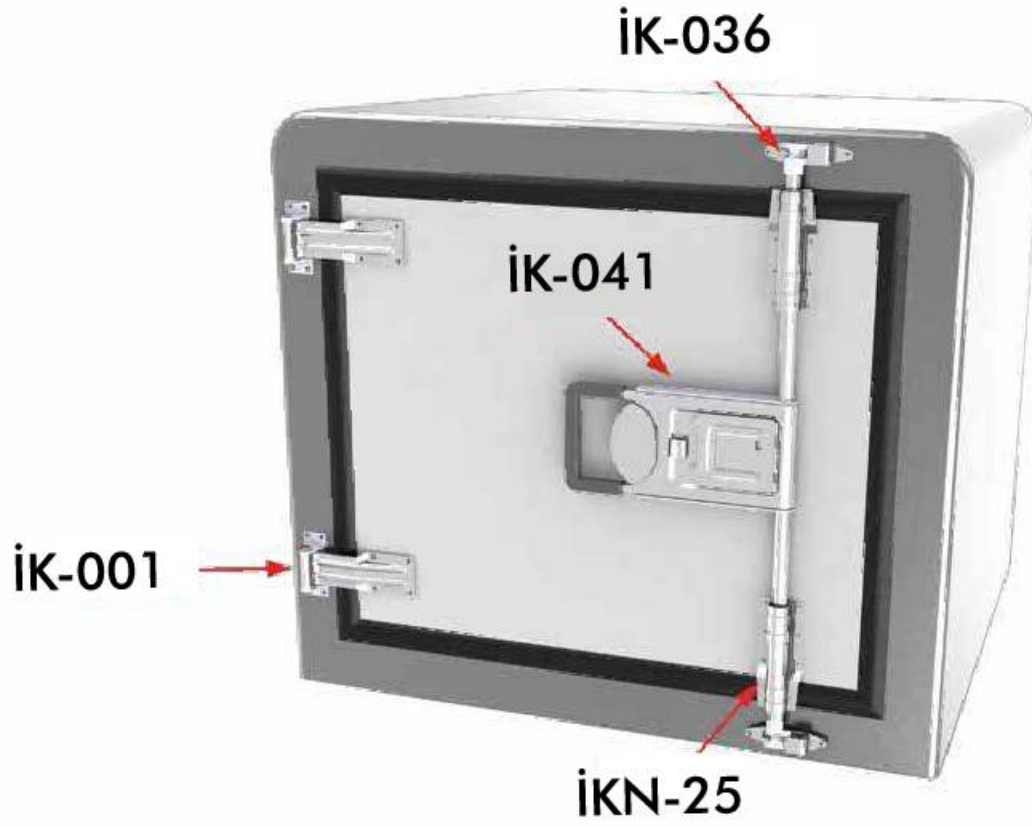
İnox Paslanmaz Çelik 304K / Inox Stainless Steel 304K

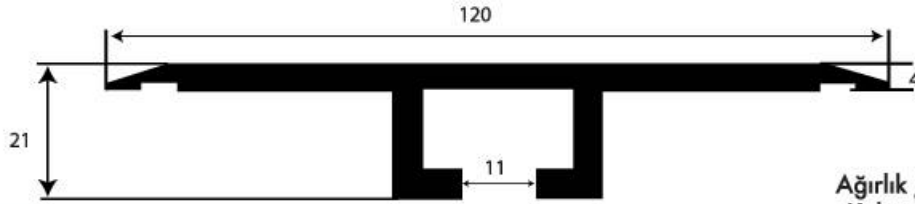


I-610

İnox Paslanmaz Çelik 304K / Inox Stainless Steel 304K

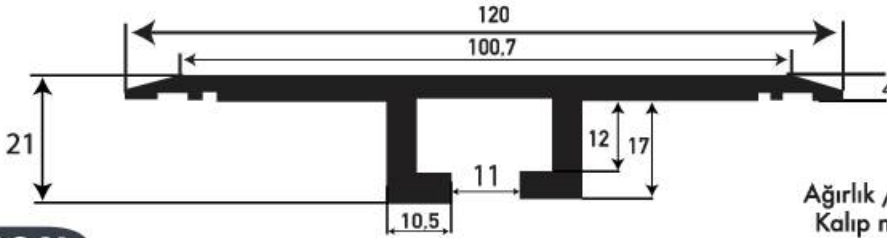






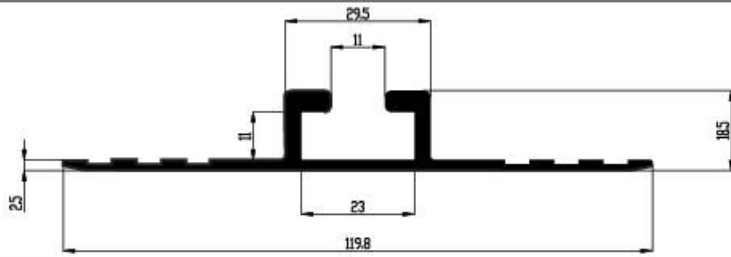
İ-8010C-02

Ağırlık / Weight : 1,789 kg/m  
Kalıp no / Mold no : 50900

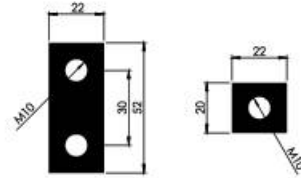


İ-8010C-01

Ağırlık / Weight : 1,778 kg/m  
Kalıp no / Mold no : 50934



İ-8010C



Ağırlık / Weight : 1.179 kg/m  
Kalıp no / Mold no : 51512



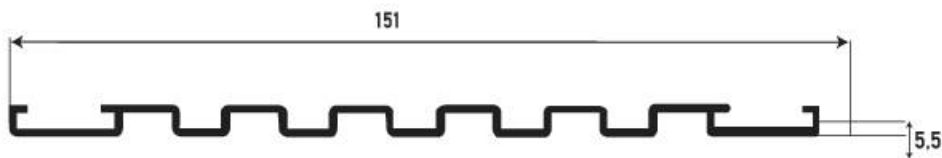
İ-8012

Ağırlık / Weight : 0,455 kg/m  
Kalıp no / Mold no : 50498



İ-8012-01

Ağırlık / Weight : 0,446 kg/m  
Kalıp no / Mold no : 50595



İ-8013

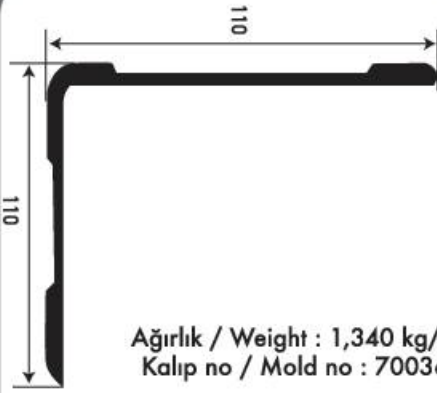
Ağırlık / Weight : 0,694 kg/m  
Kalıp no / Mold no : 70055





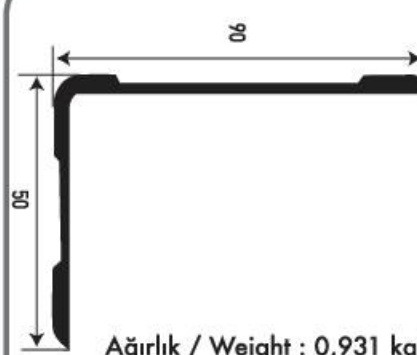
Ağırlık / Weight : 2,255 kg/m  
Kalıp no / Mold no : 50667

İ-2631



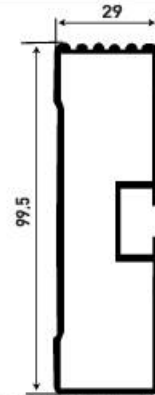
Ağırlık / Weight : 1,340 kg/m  
Kalıp no / Mold no : 70036

İ-8004



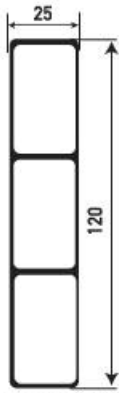
Ağırlık / Weight : 0,931 kg/m  
Kalıp no / Mold no : 70033

İ-8007



Ağırlık / Weight : 1,163 kg/m  
Kalıp no / Mold no : 70032

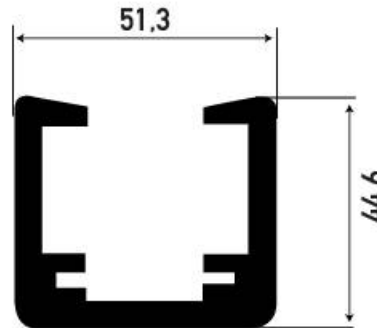
İ-8014



Ağırlık / Weight : 1,080 kg/m  
Kalıp no / Mold no : 70060

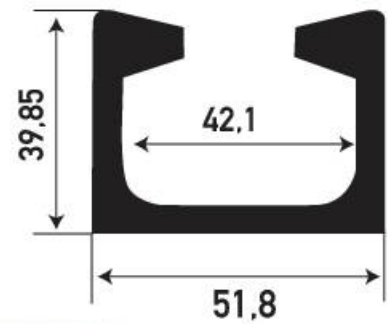
İ-1035

Ağırlık / Weight : 2,286 kg/m  
Kalıp no / Mold no : 50663

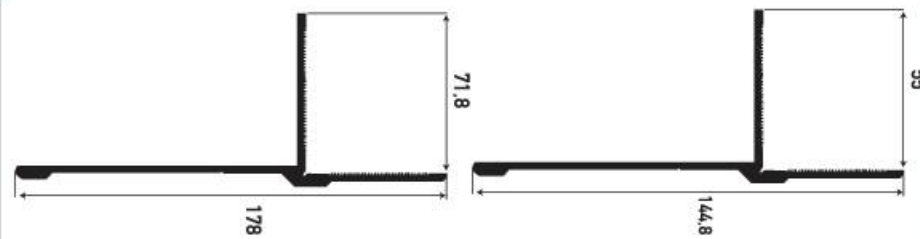


İ-KP-02

Ağırlık / Weight : 2,151 kg/m

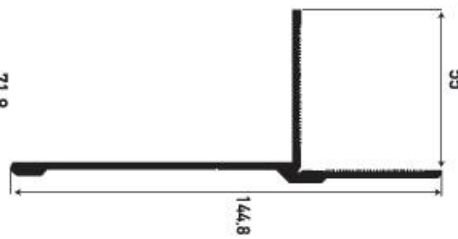


İ-EKP



Ağırlık / Weight : 1,869 kg/m  
Kalıp no / Mold no : 70046

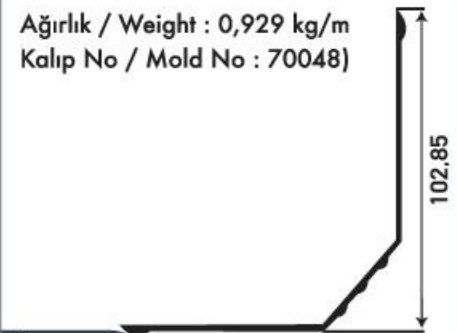
İ-8005U



Ağırlık / Weight : 1,396 kg/m  
Kalıp no / Mold no : 70034

İ-8005

Ağırlık / Weight : 0,929 kg/m  
Kalıp No / Mold No : 70048)



İ-KP-03



İK-001

Menteşe (Boyasız)  
Hinge (Unpainted)



İK-002

Büyük Düz Mentşe  
Big Hinge Chrome-Galvanized



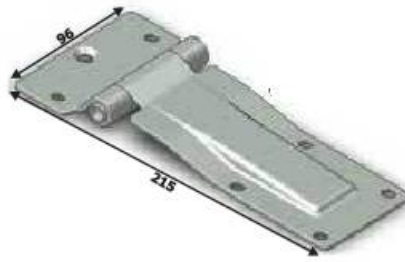
İK-003

Menteşe (Boyalı)  
Hinge (Painted)



İK-004

Büyük Düz Mentşe  
Big Hinge Chrome-Galvanized



İK-018

Yeni Kapı Mentşe  
New Door Hinge Chrome-Galvanized



İK-019

Büyük Alüminyum Mentşe Boyalı  
Big Aluminium Hinge Painted



İK-020

Galvaniz Yeni Mentşe  
Galvanized New Hinge



İK-021

Krom Yeni Mentşe  
Chrome New Hinge



İK-024/İK-025

Kulp / Handle  
Chrome Galvanized



İK-026/İK-027

Kol Kilit Yeri / Handle Lock Space  
Chrome Galvanized



İK-030/İK-031

Küçük Boru Yuvası / Small Pipe Socket  
Chrome Galvanized



İK-032/İK-033

Büyük Boru Yuvası / Big Pipe Socket  
Chrome Galvanized



İK-036

Krom Kaplı Döküm Kanca  
Chrome Coated Casting Hook



İK-040

Krom Büyük Gömme Kilit  
Big Built-in Lock (Chrome)



İK-041

Krom Dıştan Kilit  
Chrome External Lock



İK-045

Gömme Kilit Ayağı  
Built-in Lock Feet



İK-062/İK-63

Kapı Stopu(Krom-Galvaniz)  
Door Barrier(Chrome Galvanized)



İK-11-B

Küçük Yeni Gömme Kilit  
Small Built-in Lock(Chrome)



İK-012

Dıştan Kilit (Galvaniz)  
External Lock (Galvanized)



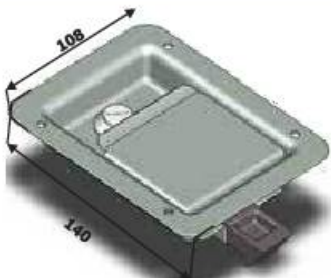
İK-013

Gömme Kilit  
Built-in Lock



İK-014

Gömme Kilit  
Built-in Lock



İK-015

Gömme Kilit  
Built-in Lock



İKN-03

Krom Menteşe  
Chrome Hinge



İKN-04

Dondurma Menteşesi  
Ice Cream Hinge





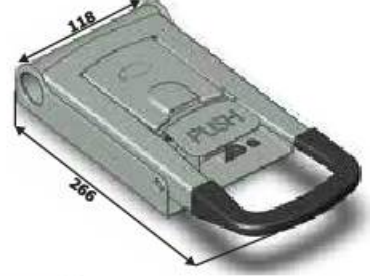
İKN-05

Geniş Menteşe  
Large Hinge



İKN-09

Alüminyum Menteşe  
Aluminium Hinge



İKN-11-A

Küçük Dıştan Kilit  
Small External Lock



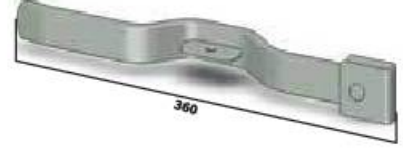
İKN-18

Kilit Yerli Kol  
Lock Handle



İKN-19

Yuvarlak Kulp  
Round Handle



İKN-20

Lama Kol  
Plate Handle



İKN-25

Orta Boru Yuvası  
Middle Pipe Socket



İKN-27

Orta Boru Yuvası  
Middle Pipe Socket



İKN-34

Döküm Kanca  
Casting Hook

This image shows a full page of blank, lined paper. It features approximately 20 evenly spaced horizontal grey lines across the entire width of the page, providing a guide for handwriting or typing. The background is a solid off-white color.

This image shows a single sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.



azizel

