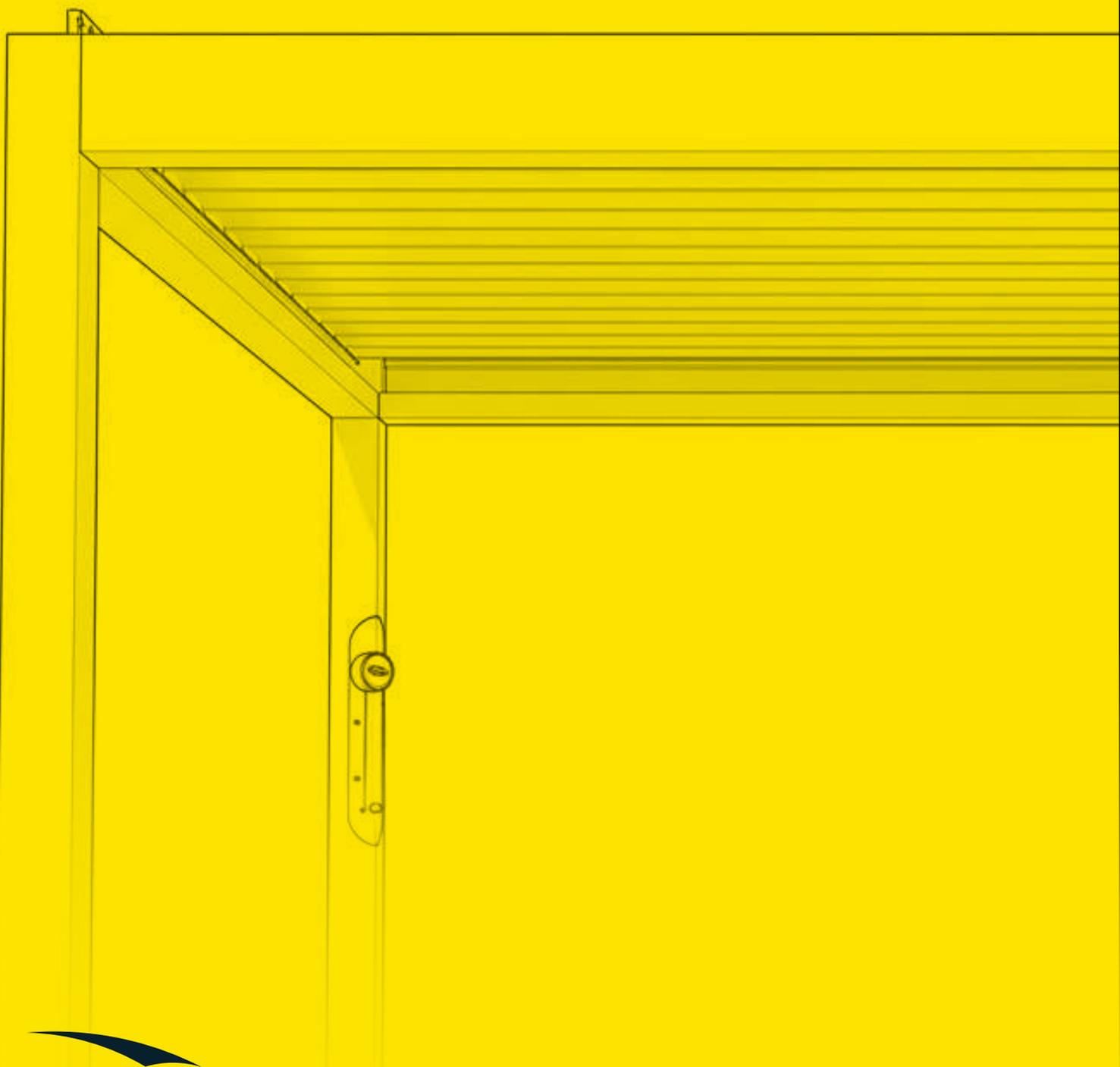
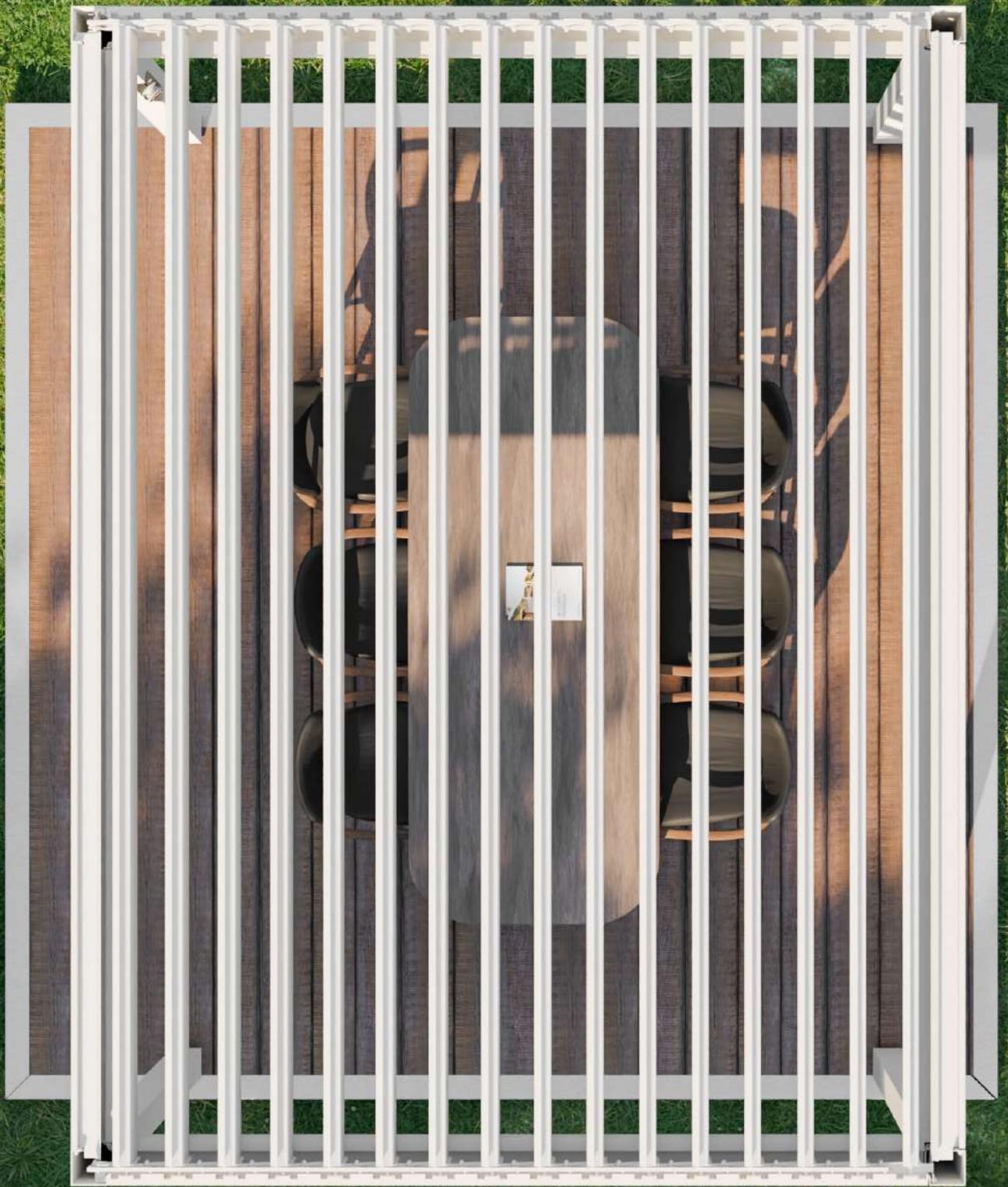


MOTION

PRODUCT TECHNICAL CATALOGUE / 2026







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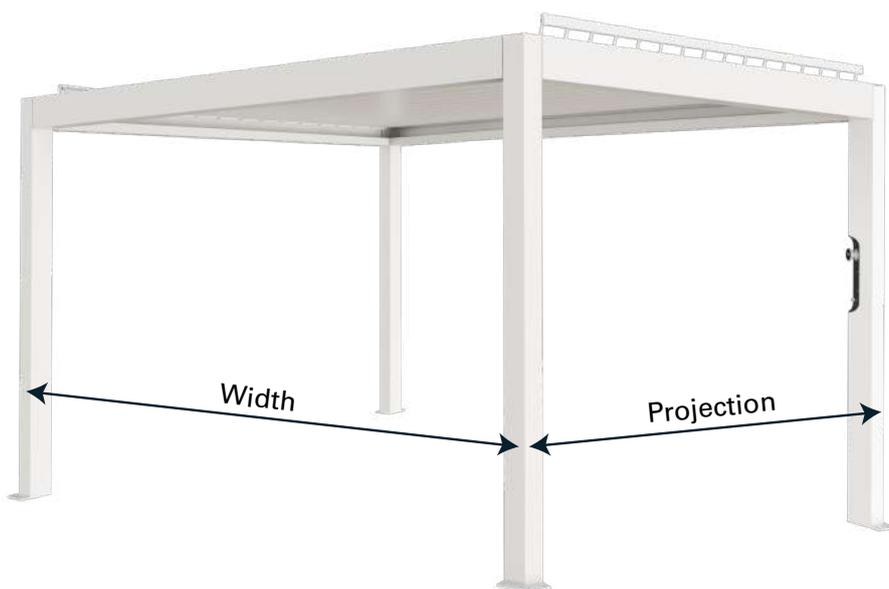
1. PRODUCT DESCRIPTION

Motion is a manually operated pergola system equipped with a patented mechanical rotation mechanism.

The system enables synchronous louver movement ensuring precise control without any electrical components.

2. TECHNICAL INFORMATION AND SPECIFICATIONS

2.1 Dimensions



Panel Quantity and Projection

Projection increases with the number of panels

Projection	Panel Qty
169,2 cm	8
186,8 cm	9
204,4 cm	10
222,0 cm	11
239,6 cm	12
257,2 cm	13
274,8 cm	14
292,4 cm	15
310,0 cm	16
327,6 cm	17
345,2 cm	18
362,8 cm	19
380,4 cm	20
400,0 cm	21
417,6 cm	22
436,2 cm	23
452,8 cm	24
470,4 cm	25
488,0 cm	26

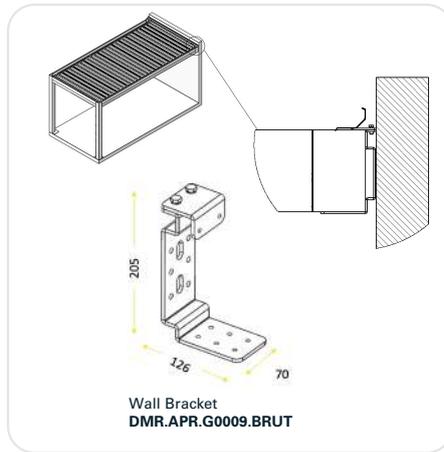
		Width		
		310 cm	360 cm	400 cm
Projection	310 cm	●		
	400 cm	●	●	●
	488 cm			●

2.2 Installation Types

Freestanding

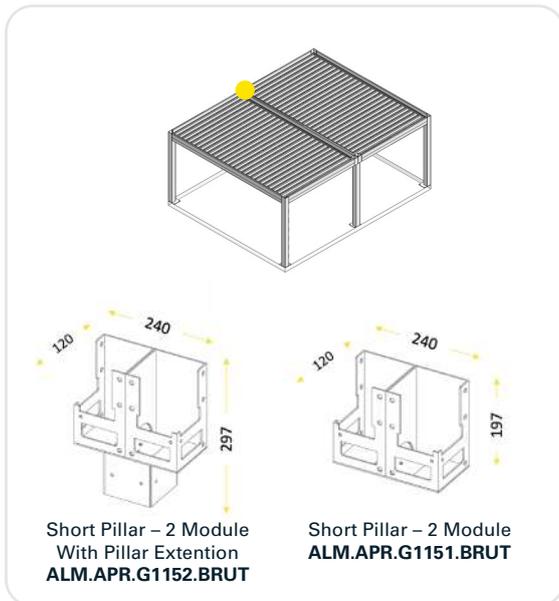


Wall-Mounted

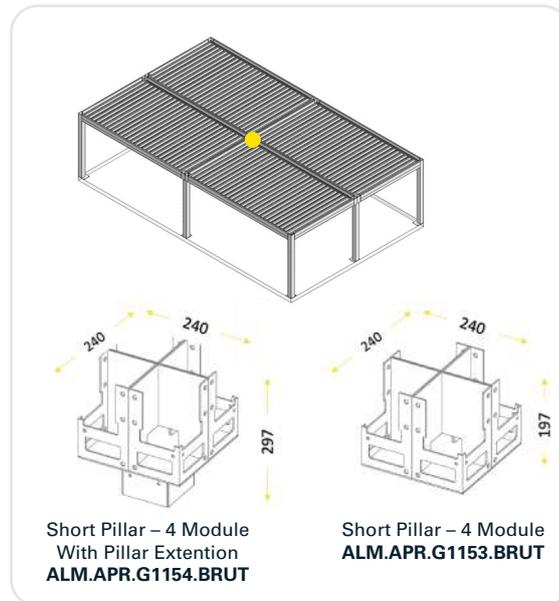


2.3 Module Options

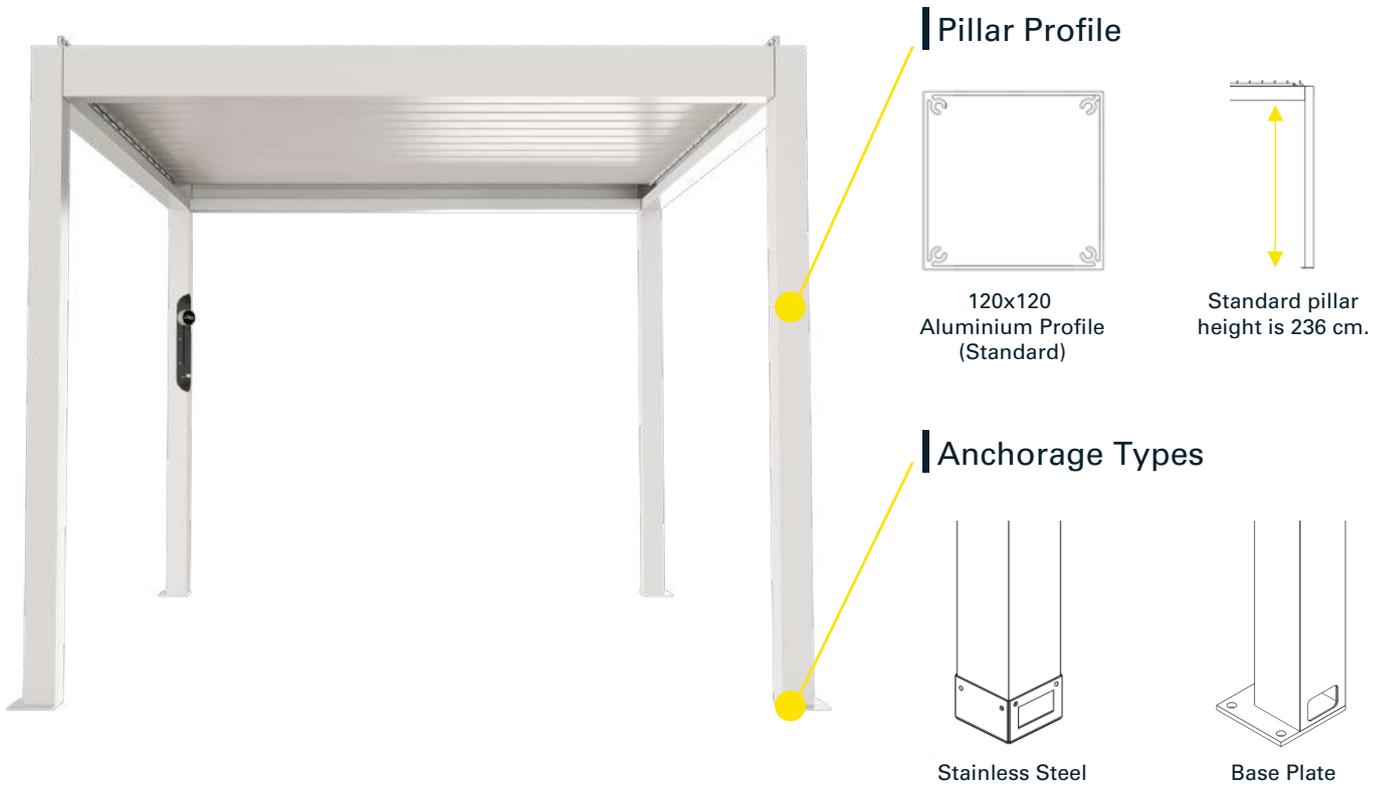
2-Product Module



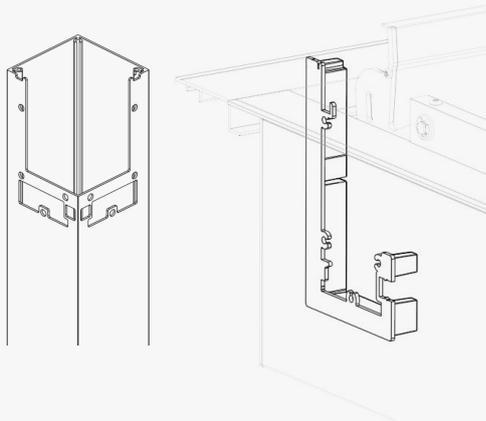
4-Product Module



2.4 Profile Sections

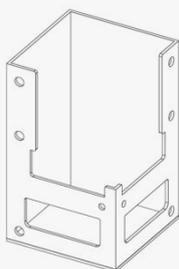


Corner Connection



Short Pillar

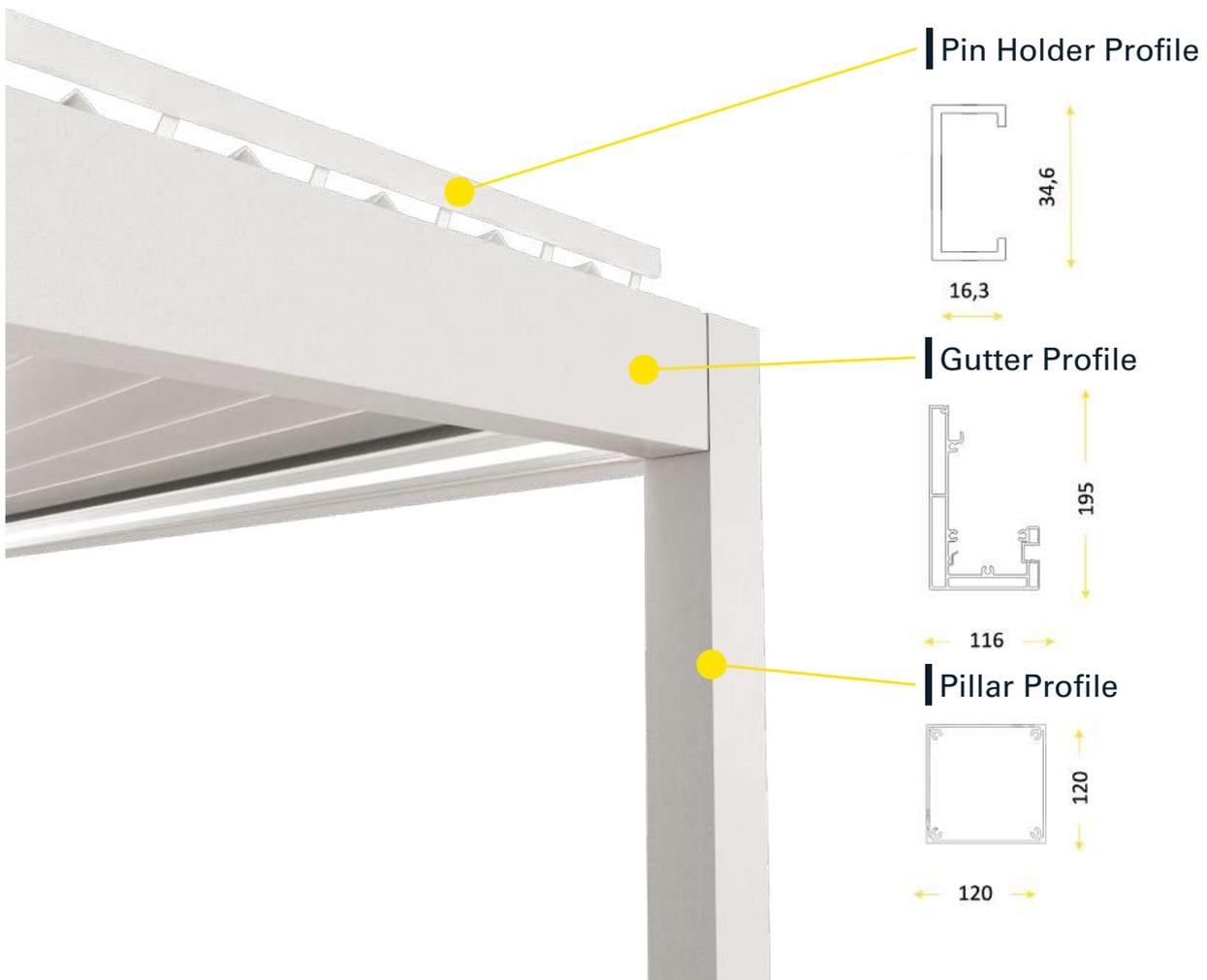
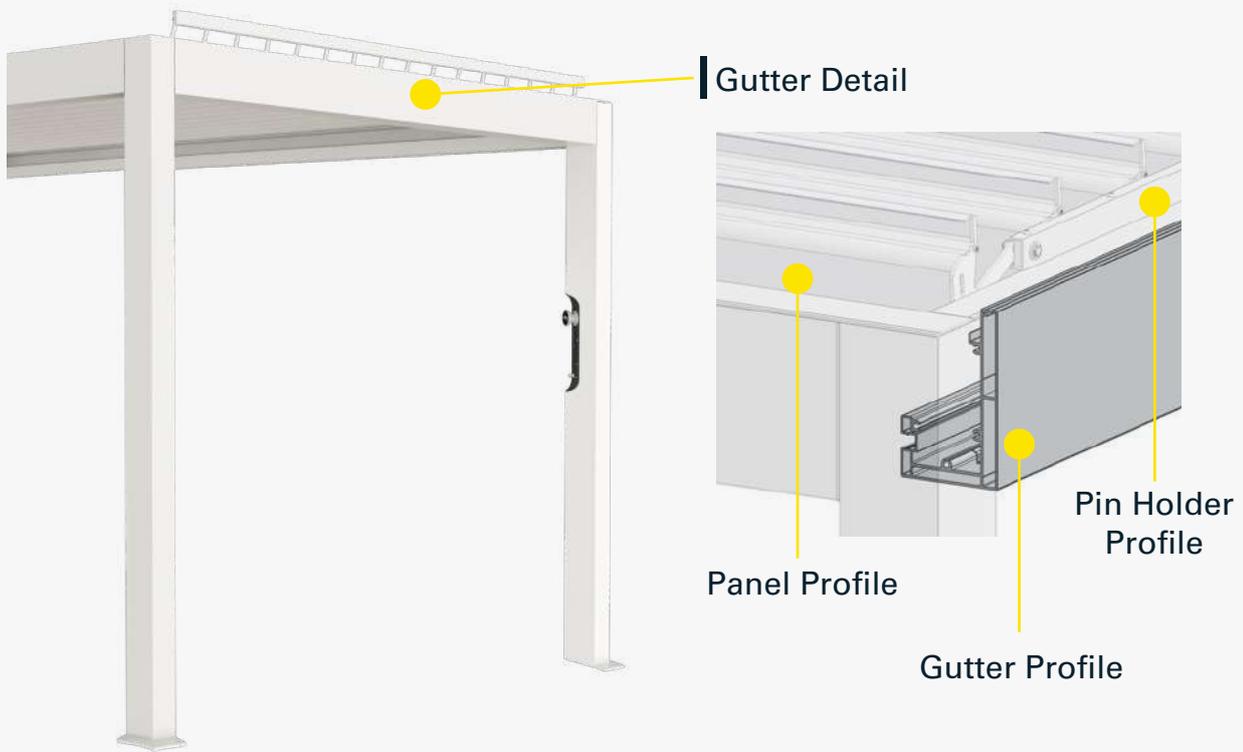
Short Pillar is used for installations on Steel Pillar or pre-assembled structures.



ALM.APR.G1150.BRUT



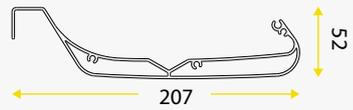
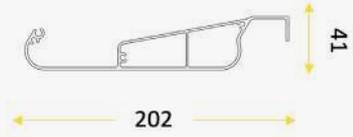
2.4.1 Gutter Sections



2.4.2 Panel Sections



Panel Profile

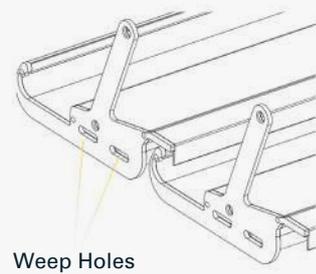


*Applicable for product widths ≥ 350 cm

Panel Profile Gasket



Weep Holes



2.5 Lighting

Only perimeter lighting can be applied to Motion.

Lighting Options

- Warm White
- RGB WW



2.6 Remote Controls



Situo 1 RTS

Situo 5 RTS

Channels	1	5
Battery Type	2430 Lithium	
Battery Voltage	3V	
Thickness	22	
Width	49	
Height	145	
Colour	Silver	

RTS and IO Article Codes

RTS Remote Controllers

- ELK.SMF.G2000.0019 - Situo 1 RTS
- ELK.SMF.G2000.0020 - Situo 5 RTS

IO Remote Controllers

- ELK.SMF.G4000.0006 - Situo 1 IO
- ELK.SMF.G4000.0007 - Situo 5 IO

2.7 Static Calculations

Product	Wind / Snow Load		
	Variant	Wind load (Beaufort)	Snow Load (kg/m ²)
300x300	Freestanding	11	160
	Wall Mounted	11	160
300x400	Freestanding	11	150
	Wall Mounted	11	150
350x400	Freestanding	11	120
	Wall Mounted	11	120
400x400	Freestanding	11	80
	Wall Mounted	11	80
400x500	Freestanding	9	70
	Wall Mounted	9	70

3 EXPLODED DRAWINGS

3.1 Pillar

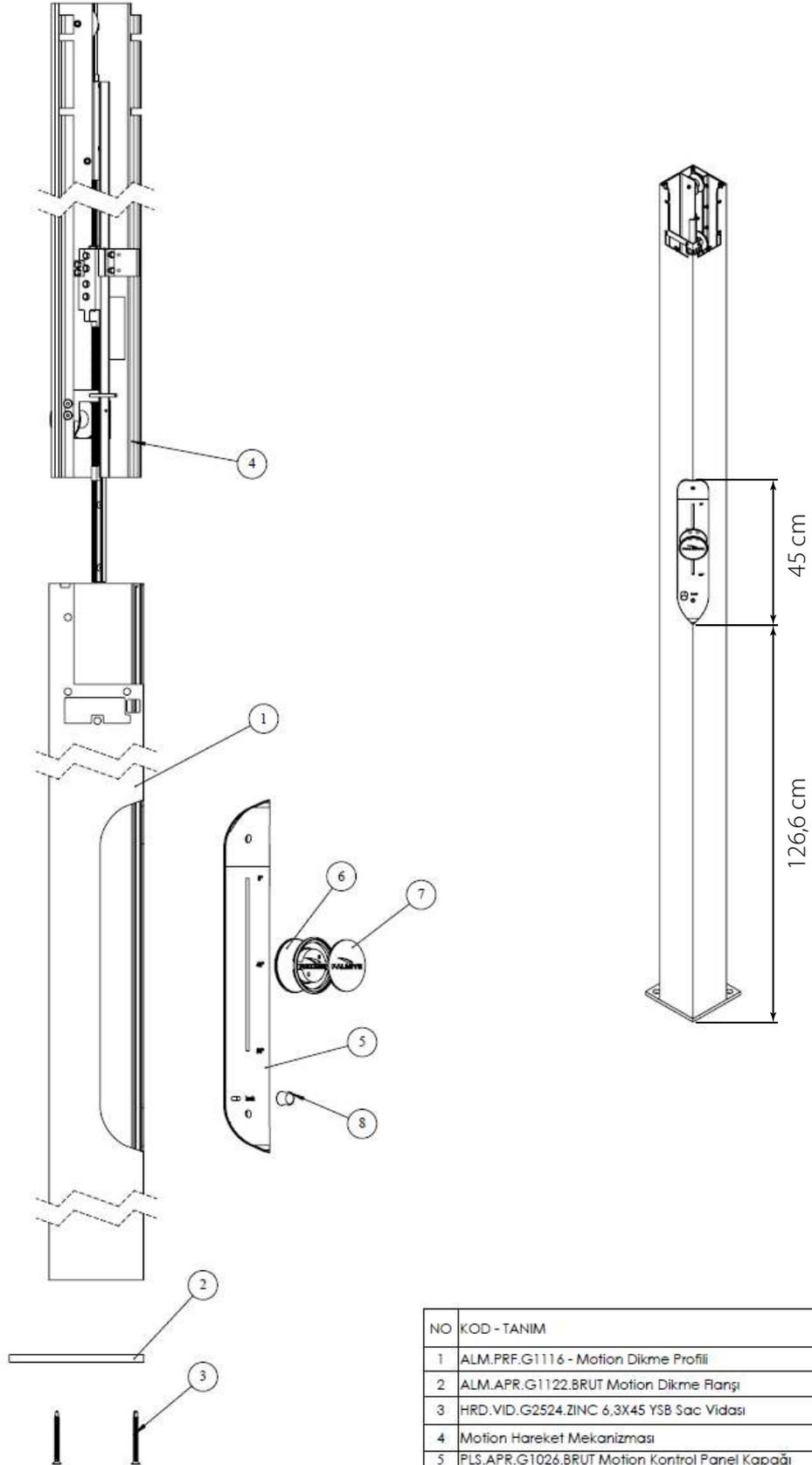
Yayın Kütlesi:		Revizyon:	Revizyon Tarihi:	Revizyon İçeriği:
		000	27.09.2025	İlk Yayın

ÖGE NO.	Kod-Tanım	MIKT.
1	ALM.PRF.G1116 Motion Dikme Profili	1
2	ALM.APR.G1122.BRUT Motion Dikme Flansı	1
3	HRD.VID.G2524.ZINC 6,3X45 YSB Sac Vidası	4

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3.2 Pillar With Mechanism

02.MOTION MEKANİZMALI DİKME PATLATMA DETAYI



NO	KOD - TANIM	MİKTAR
1	ALM.PRF.G1116 - Motion Dikme Profili	1
2	ALM.APR.G1122.BRUT Motion Dikme Flanşı	1
3	HRD.VID.G2524.ZINC 6,3X45 YSB Sac Vidası	4
4	Motion Hareket Mekanizması	1
5	PLS.APR.G1026.BRUT Motion Kontrol Panel Kapağı	1
6	PLS.APR.G1027.BRUT Motion Kontrol Kulbu	1
7	PLS.APR.G1028.BRUT Motion Kontrol Kulbu Kapağı	1
8	PLS.APR.G1029.BRUT Motion Kilitleme Kulbu	1

3.3 Gutter (Front-Back)

03. MOTION ÖN-ARKA DERE PATLATMA DETAYI

Reviziy	Reviziy Tarihi	Reviziy Sebabi
000	27.09.2025	İlk Yayın

ÖGE NO.	PARÇA NUMARASI	MKT.
1	PLS.APR.G1024.BRUT Motion Dere Takozu Sağ	1
2	PLS.APR.G1025.BRUT Motion Dere Takozu Sol	1
3	Hrd.C.vt.G1001.Punz Şekül Cıvat m8x602024	8
4	Hrd.Pul.G0001 M8 Paslanmaz Pul	8
5	Hrd.Smn.G0028.Zinc M8 Paslanmaz Fıberli Somun2024	8
6	PLS.APR.G0010.BRUT Dere Ø8 Plastik Bilezik2024	8
7	PLS.CNT.G3319.BRUT M8 Conta2024	8
8	ALM.PRF.G1110 Motion Dere Profili	1

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3.4 Gutter (Left-Right)

04.MOTION YAN DERE PATLATMA DETAYI

Reviziy	Reviziy Tarihi	Reviziy Sebabi
000	27.09.2025	İlk Yayın

ÖGE NO.	PARÇA NUMARASI	MKT.
1	PLS.APR.G1024.BRUT Motion Dere Takozu Sağ	1
2	PLS.APR.G1025.BRUT Motion Dere Takozu Sol	1
3	Hrd.C.vt.G1001.Punz Şekül Cıvat m8x602024	8
4	Hrd.Pul.G0001 M8 Paslanmaz Pul	8
5	Hrd.SMN.G0028.ZINC M8 Paslanmaz Fıberli Somun2024	8
6	PLS.APR.G0010.BRUT Dere Ø8 Plastik Bilezik2024	8
7	PLS.CNT.G3319.BRUT M8 Conta2024	8
8	ALM.PRF.G1110 Motion Dere Profili	1
9	PLS.APR.G1020.BRUT Motion Ön-Arka Merkezleme Plastikli	2
10	HRD.RLM.G2505.PSMZ 6001 ZC3 FAG RULMAN	16
11	PLS.APR.G1021.BRUT Motion Orta Merkezleme Plastikli	14

Palmiye Global Hareketli Yapı Sistemleri San. ve Tic. A.Ş. FR-080 (A3)

3.5 Front Panel

05.MOTION ÖN PANEL PATLATMA DETAYI

Reviziy	Reviziy Tarihi	Reviziy Açıklaması
000	27.09.2025	İlk Yayın

ÖGE NO	PARÇA NUMARASI	MIKT.
1	ALM.PRF.G1111 Motion Panel Profili	1
2	ALM.APR.G1121.BRUT Motion Damlatık	1
3	ALM.APR.G1128.BRUT Motion Makas Sabitleme Pimi	2
4	HRD.SMN.G0028.ZINC M8 Fiberli somun	6
5	ALM.APR.G1126.BRUT Motion Damlatık Merkezleme Pimi	2
6	ALM.APR.G1120.BRUT Motion Tahrik Damlatık	1
7	ALM.APR.G1127.BRUT Motion Ürün Tahrik Pimi	2
8	HRD.VID.G1031.PSMZ 4.2x38 Torkli Bajli Sac Vidayi ISO 14585	6
9	PLS.FTL.G2024.5YAH Panel üst conta	1
10	HRD.PUL.G1235.PSMZ Ø9 Ay Segman	2
11	HRD.PUL.G1016.PSMZ M10 Pul Paslanmaz	2

Palmiye Global Hareketli Yapı Sistemleri San. ve Tic. A.Ş. FR-080 (A3)

3.6 Middle Panel

05.MOTION ORTA PANEL PATLATMA DETAYI

Reviziy	Reviziy Tarihi	Reviziy Açıklaması
000	27.09.2025	İlk Yayın

ÖGE NO	PARÇA NUMARASI	MIKT.
1	ALM.PRF.G1111 Motion Panel Profili	1
2	HRD.VID.G1031.PSMZ 4.2x38 Torkli Bajli Sac Vidayi ISO 14585	6
3	ALM.APR.G1126.BRUT Motion Damlatık Merkezleme Pimi	2
4	HRD.SMN.G0028.ZINC M8 Fiberli somun	2
5	ALM.APR.G1121.BRUT Motion Damlatık	2
6	PLS.APR.G1033.BRUT Motion Panel İki Kesici - Sağ	1
7	PLS.APR.G1034.BRUT Motion Panel İki Kesici - Sol	1
8	PLS.FTL.G2024.5YAH Panel üst conta	1

Palmiye Global Hareketli Yapı Sistemleri San. ve Tic. A.Ş. FR-080 (A3)

3.7 Panel with Fixing Pins

07.MOTION SABİTLEME PİMLİ PANEL PATLATMA DETAYI

Ser No: 000 | Revizyon: 27.09.2025 | İlk Yayın

ÖGE NO.	PARÇA NUMARASI	MİKT.
1	ALM.PRF.G1111 Motion Panel Profili	1
2	ALM.APR.G1121.BRUT Motion Damalk	2
3	ALM.APR.G1128.BRUT Motion Makas Sabitleme Pimi	2
4	HRD.SMN.G0028.ZINC M8 Fiberli somun	4
5	ALM.APR.G1126.BRUT Motion Damalk Merkezleme Pimi	2
6	HRD.VİD.G1031.PSMZ 4.2x38 Torx Başlı Sac - Vidası ISO 14585	6
7	PLS.APR.G1034.BRUT Motion Panel İyk Kesici - Sol	1
8	PLS.APR.G1033.BRUT Motion Panel İyk Kesici - Sağ	1
9	PLS.FTL.G2024.SYAH Panel üst conta	1
10	HRD.PUL.G1235.PSMZ Ø9 Ay Segman	2
11	HRD.PUL.G1016.PSMZ M10 Pul Paslanmaz	2

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3.8 Motion Mechanism

07.MOTION HAREKET MEKANİZMASI PATLATMA DETAYI

Ser No: 000 | Revizyon: 27.09.2025 | İlk Yayın

ÖGE NO.	PARÇA NUMARASI	MİKT.
1	DMR.APR.G1000.BRUT Motion Mekanizma Rayı	1
2	DMR.APR.G1002.BRUT Motion Mekanizma Arabası	1
3	Packed - 25.09.2025 - 18CPN2CCN	2
4	Packed - 25.09.2025 - 18CPA2TNCN	2
5	Packed - 25.09.2025 - 18_COMPACT	2
6	BKM.PRF.G1000.0300 Motion Mekanizma Bağlantı Sacı 1	1
7	BKM.PRF.G1001.0300 Motion Mekanizma Bağlantı Sacı 2	1
8	PLS.APR.G1029.BRUT Motion Tekerlek Bağlantı Parçası	2
9	HRD.SMN.G2024.PSMZ M5 Somun - Paslanmaz	7
10	HRD.CVT.G0141.PSMZ M5x12 Hava Başlı İmbus Civata	1
11	HRD.CVT.G0141.PSMZ M5x12 Hava Başlı İmbus Civata	4
12	PLS.APR.G1032.BRUT Motion Kilit Bağlantı Parçası	1
13	HRD.CVT.G0141.PSMZ M5x12 Hava Başlı İmbus Civata	4
14	HRD.SMN.G1036.PSMZ M4 Somun Paslanmaz	16
15	HRD.CVT.G1036.PSMZ M4x10 H8 İmbus Civata - Paslanmaz	14
16	HRD.CVT.G0142.PSMZ M5x10 Mercimek başlı İmbus Civata	2
17	BKM.PRF.G1002.0300 Motion Mekanizma Bağlantı Sacı 3	1
18	HRD.CVT.G0012.PSMZ M5x10mm Silindirik Başlı inox imbus civata	4
19	HRD.CVT.G0143.PSMZ M5x40 Altı Köşe Civata Paslanmaz	2
20	HRD.CVT.G0146.PSMZ M5x14 Altı Köşe Civata Paslanmaz	4
21	ALM.APR.G1123.BRUT Motion Kulpa Bağlantı Parçası	1
22	ALM.APR.G1125.BRUT Motion Halat Bağlantı Parçası	1
23	HRD.CVT.G0144.PSMZ M5x55 Altı Köşe Civata Paslanmaz	2
24	HRD.PUL.G1020.PSMZ M5 Pul - Paslanmaz	2
25	PLS.APR.G1035.BRUT Motion Kilit Dişli	1
26	DMR.APR.G1003.PSMZ Motion Kilit Dil	1
27	HRD.CVT.G0149.PSMZ M4x60 Setkur Paslanmaz	1
28	ALM.APR.G1129.BRUT Motion Kulpa Bağlantı T	1
29	HRD.CVT.G1036.PSMZ M4x10 H8 İmbus Civata - Paslanmaz	4
30	PLS.APR.G1031.BRUT Motion Tekerlek 2	2
31	HRD.RLM.G2509.PSMZ Motion 625 Rulman	6
32	PLS.APR.G1030.BRUT Motion Tekerlek 1	1

Palmiye Global Hareketli Yapı Sistemleri San. ve Tic. A.Ş. | FR-000 (A3)

3.9 Pin Holder

09.MOTION MAKAS PATLATMA DETAYI

Reviziy	Revizyon	Revizyon
000	27.09.2025	İlk Yayın

ÖĞE NO.	PARÇA NUMARASI	MİKT.
1	ALM.PRF.G1115 Motion Makas Profili	1
2	PLS.APR.G1023.BRUT Motion Makas Sabitleme Plastik	4
3	PLS.APR.G1022.BRUT Motion Tahrik Plastik	18
4	HRD.CVT.G0142.PSMZ M5x10 Mercimek Bağılı İmbus Civata	44

PALMIYE

Palmye Global Hareketli Yapı Sistemleri San. ve Tic. A.Ş.

FR-080 (A3)

