

CUSTODIA BASIC

WITH RC3/RC4 CERTIFICATE

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The Custodia Basic shutter system has been developed with a clear objective: to offer the highest level of resistance to mechanical perforation attempts.

This model achieves the **RC4 resistance category**, thanks to a specifically designed extruded aluminum profile with bushings between slats, which form a genuine mesh-type structure. Additionally, it incorporates steel bars inside the profiles, which significantly reinforces its ability to protect against theft. It is supplied without slots, ensuring greater security.

Combined with the Sunon system guides and accessories, including the BSS anti-climbing safety parts, these shutters have been tested and certified in accordance with DIN V ENV 1627, achieving the RC4 VdS B classification. An ideal solution for those seeking advanced protection and proven reliability.



RESISTANCE CATEGORY



RC3 - RC4 SAFETY CERTIFICATE

WEIGHT



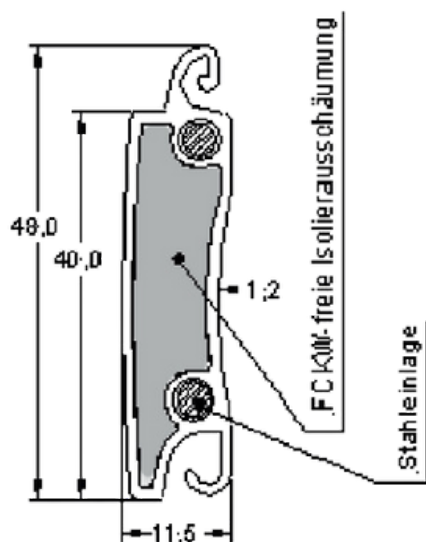
RC3 = 14.5KG/M²
RC4 = 20KG/M²

MAXIMUM MANUFACTURING
MEASURES



640 CM WIDE
300 CM TALL

60 MM SHAFT ENGAGEMENT TABLE



HEIGHT LIGHT (cm)	DIAMETERS	
	A	B
125	16.6	18.2
150	17.8	18.6
175	18.8	20.6
200	20.0	20.6
225	21.3	20.6
250	21.3	23.0
275	23.0	24.2
300	23.5	25.2



TECHNICAL FEATURES

TECHNICAL GUIDE

It belongs to the range of **residential high-security blinds**. It is a roller shutter made of extruded aluminum, alloy 6063 T5, in accordance with the UNE-EN 573-3 standard. It is composed of 26 slats per linear meter in height, with semi-curved profiles of 39 x 14 mm and a thickness of 1.30 mm, reinforced with support ribs of 1.55 mm. The mobility of the slats is ensured by metal wedges, and their connection to the drive shaft is made with self-locking elements and quick-fixing crowns.

The system incorporates the BSS security mechanism, with RC3 certification, and can be installed with different types of guides, with a minimum mouth of 15 mm and a minimum depth of 25 mm. 70 x 1.5 mm or 100 x 3 mm shafts with adjustable capsules and tubular motors (mechanical or with electronic limit switches) are used, with power adjusted to the dimensions of the opening.

The system is compatible with home automation and can be integrated with presence sensors or other technical elements defined by the Sunon installation team.

PROFILES

Made of high-strength extruded aluminum, alloy 6063 T5.

Its semi-curved shape (39 x 14 x 1.3 mm) ensures solidity and functionality, and it is joined together by a hook-reinforced zipper system and a male/female cord-type interlock, ensuring stability and durability throughout the entire assembly.

TYPE OF GUIDE

The system supports various guide models, such as 50 x 30 mm, 60 x 28 x 2 mm, or the V25 type guide, which is especially suitable for narrow spaces, depending on the width of the opening, the type of construction, and the required level of resistance.

Note: To obtain RC4 certification, a specific technical study of fixing and reinforcement of the guides will be necessary, especially if they are not embedded.

MAXIMUM MEASUREMENTS

- Maximum width of production: 6400mm
- Maximum cubic dimensions: 18 m²

WEIGHT AND TYPE OF AXES

- Weight per m² of 14.5 kg for the RC3 version and 19 kg for the RC4 version.
- Minimum axle 50 mm Oct. Recommended axle diameter 70 mm.
- Widths over 300cm will be supplied with 100x2mm axles. Based on weights and widths, Sunon will manufacture the ideal axle for your load.



TECHNICAL FEATURES

MOTOR TYPES

Available with tubular motors, both mechanical and electronic versions.

AUTOMATION AND SENSORS

Depending on the system's dimensions and location in high-traffic areas, Sunon may require the incorporation of safety parachutes or sensors, in accordance with current European regulations. All two-way radio systems from recognized manufacturers such as Selve, Somfy, among others, are compatible.

For installations that require a higher level of security or integration, Sunon recommends the use of bus or mixed line systems, which are fully adaptable to open protocols such as KNX.

CONTROL AND ACCESS SYSTEMS

Radio systems must always incorporate changing codes to ensure secure communication, and the use of two-way transmitters is recommended.

To further reinforce the protection of the home or premises, Sunon offers advanced security solutions, such as **perimeter presence sensors**. Once the system or alarm is activated, if intrusion is detected in the garden or configured perimeter, the blinds will automatically lower and lock.

Optionally, electronic locks can be integrated into the guides or the socket, depending on the technical characteristics of each installation.

TYPES OF TUNNEL BOXES

Sunon recommends the use of tunnel-type boxes with an interior bottom register for their accessibility and ease of maintenance. We also offer boxes made from extruded or profiled aluminum, available in a wide range of colors to suit the aesthetic and functional needs of each project.

OPTIONAL OR REQUIRED SAFETY DEVICES

Depending on the project's specifications, it may be mandatory to incorporate safety systems such as parachutes, photocells, or both.

Similarly, systems with a higher level of protection or a higher WK certification will be necessary to define the type of guides, the integration of the BSS device, and other technical elements, depending on the modulation or separation planned for the installation.

PRODUCT STANDARDS AND CERTIFICATIONS

Meets RC3 safety standard according to DIN V ENV 1627. Tested according to the EN 20140 sound insulation standard, with an SSK3 value equivalent to 36 dB.

WIND RESISTANCE

Rating V6, with a dynamic pressure of 600 Pa, equivalent to winds of up to 112 km/h, tested on a surface 6,500 mm wide by 2,400 mm high.

THERMAL RESISTANCE

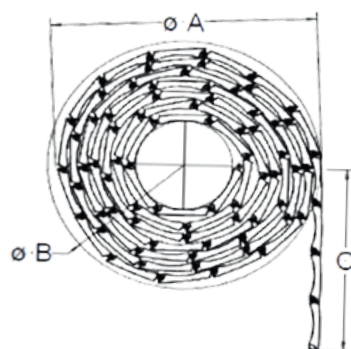
U: 5.30 W/m² K.

FINISHES

Available in custom RAL lacquer and in Futura series finishes, with Qualicoat quality certification. It is also available in anodized finish for added strength and durability.



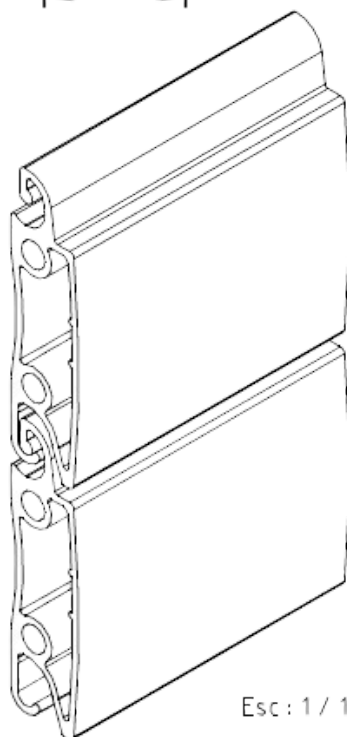
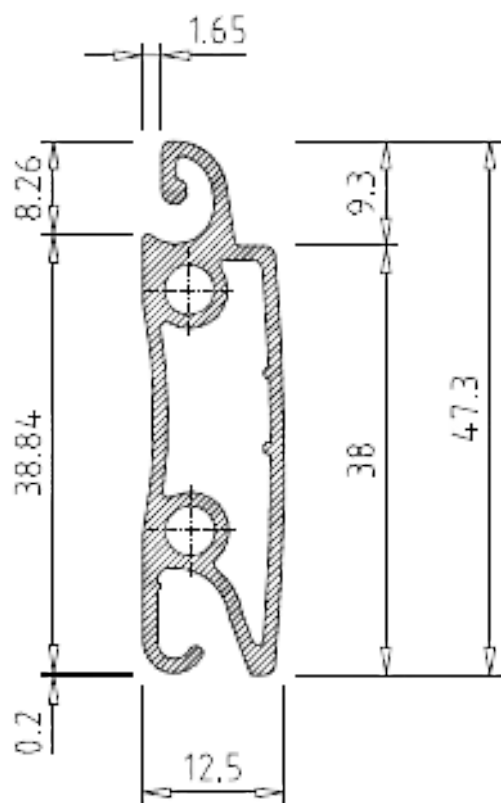
DIAMETERS FOR THE CUSTODIA BASIC 6500



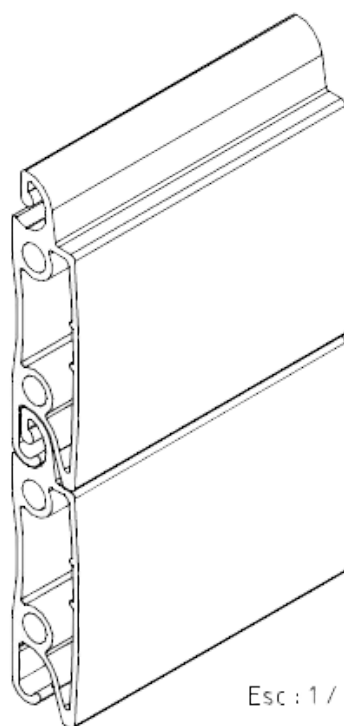
HEIGHT	Axle = 76mm		Axle = 98mm		Axle = 133mm	
	Diameter A	Diameter B	Diameter A	Diameter B	Diameter A	Diameter B
100	15,4	16,2	17,2	17,8	19,2	20,9
125	16,6	18,2	18	19,8	20,6	20,9
150	17,8	18,6	19,4	20,4	20,6	20,9
175	18,8	20,6	19,4	20,4	21,8	23,3
200	20	20,6	20,5	22,4	23	23,7
225	21,3	20,6	22,2	22,4	23,9	25,5
250	21,3	23	23,3	24,6	24,1	25,5
275	23	24,2	23,3	24,6	25,3	25,5
300	23,5	25,2	25,6	24,6	26,3	25,9
325	24,7	25,2	25,6	27	26,5	27,9
350	25,6	27,2	26,3	27	27,5	27,9
375	25,9	27,6	26,6	27	28,7	29,9
400	27	27,6	27,5	29,4	28,8	30,3
425	27,8	28,2	28,3	29,4	29,8	30,3
450	28	29,6	28,8	29,4	29,8	30,3
475	29,2	30	30	31,2	31	32,3
500	29,3	30,2	30	31,8	31	32,3



ELECTRONIC LOCKING SYSTEM

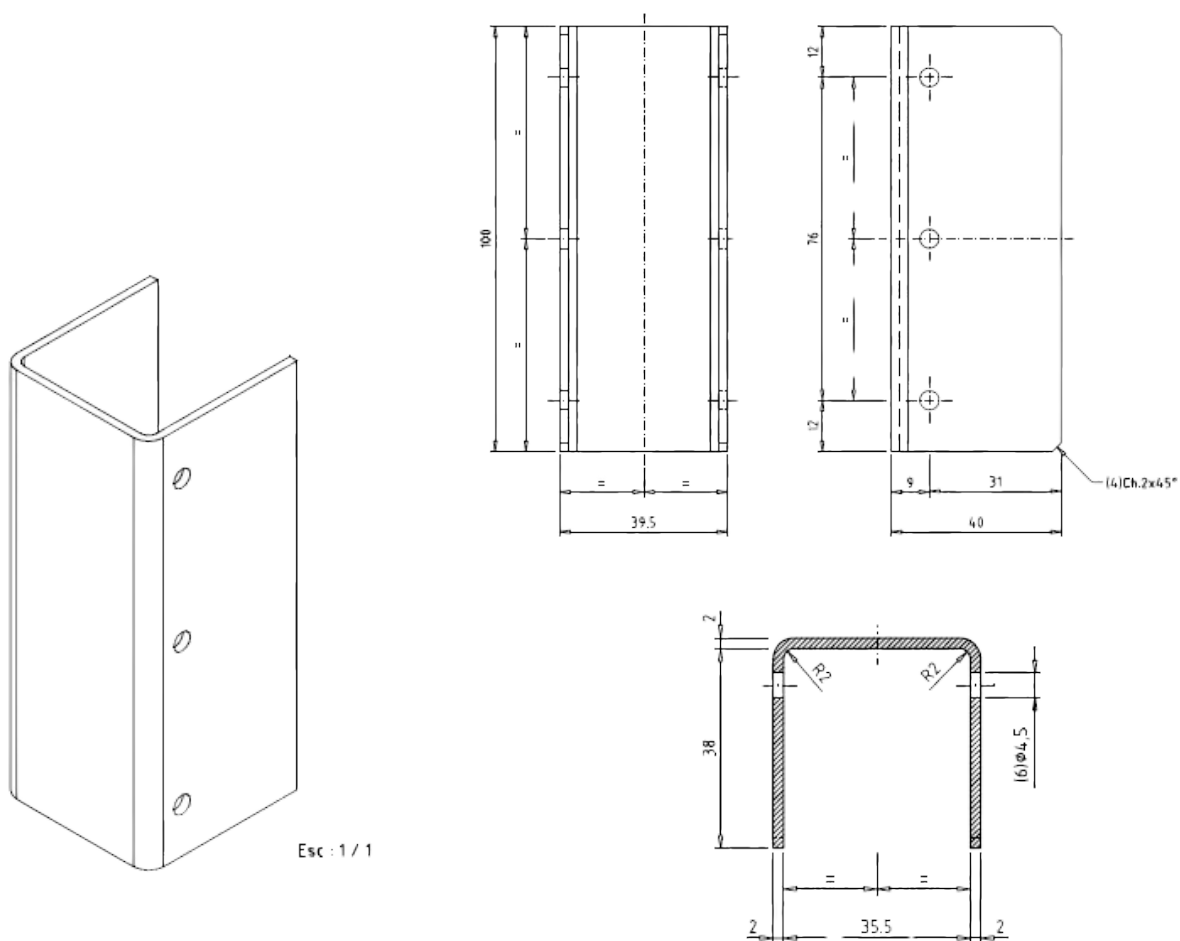
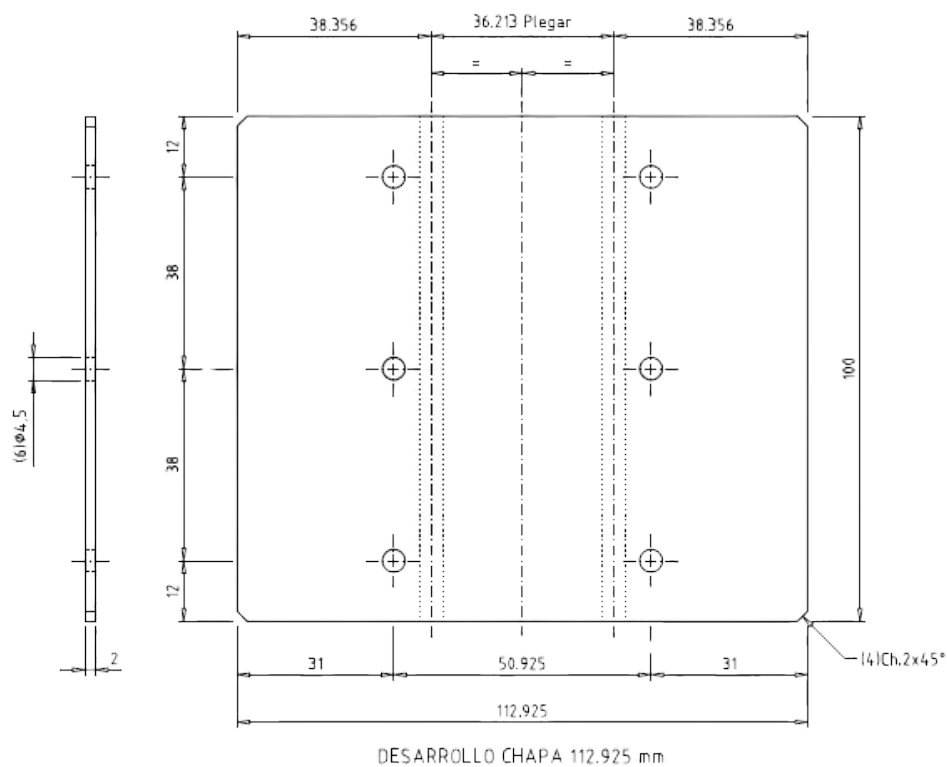


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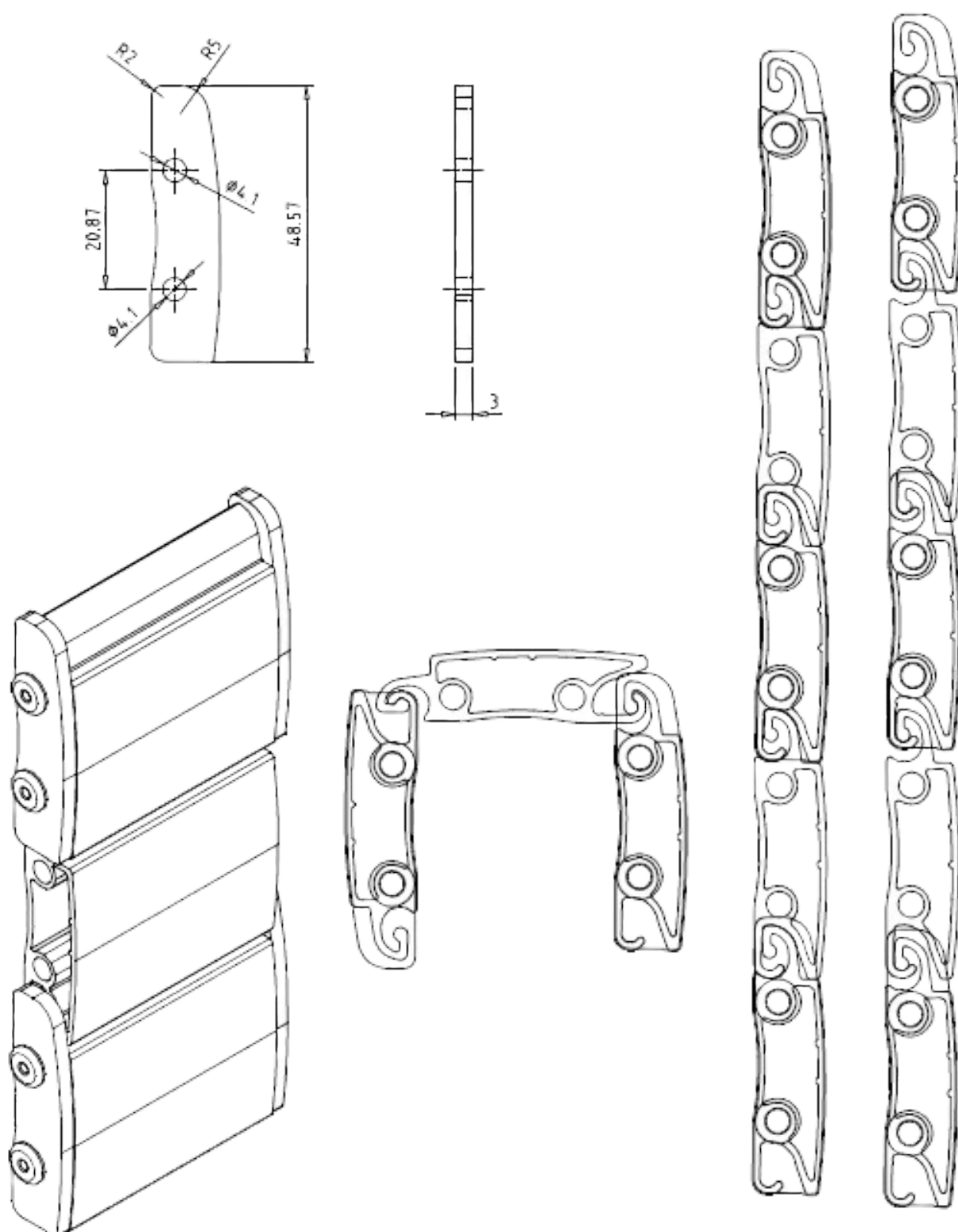


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Minimum wall thickness = 1.3 mm.



Reinforcement profile for widths greater than 6000 mm.



Slat Custodia Basic with steel studs
(max. AISI 304)

