

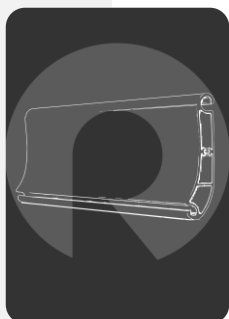
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# SELF-LOCKING RANGE PRODUCT DATA SHEET



## | MAXI BLOC

LARGE ALUMINUM SLAT with a height of 63 mm,  
a width of 13.5 mm and a thickness of 1.2 mm

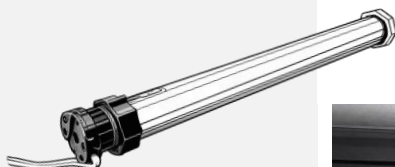


### - Technical data -

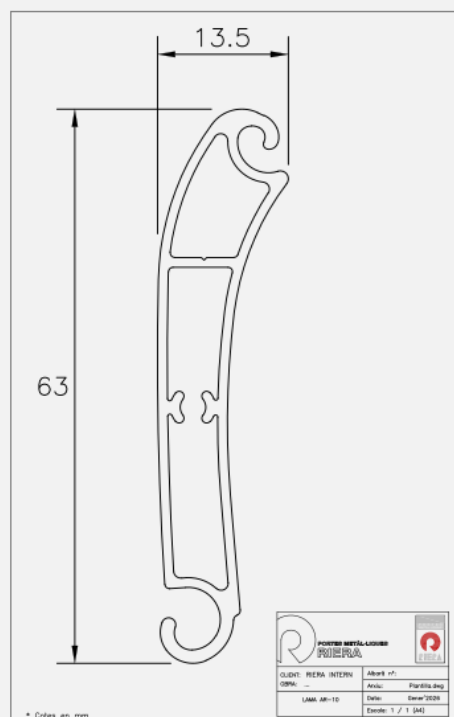
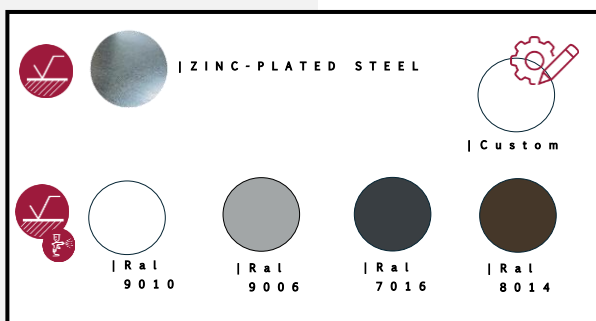
The feasibility of the maximum width and height dimensions depends on the **accessories** and the **automation system**. Technical specifications —such as weight, wind resistance and opening speed— also vary depending on the type of curtain.

Each project must be assessed individually.

The roller shutter door is made up of a set of extruded aluminium components and safety elements that ensure rigidity, durability and quiet operation.



### - Finishes and models -



## | MAXI BLOC

### | Aluminium slat

The slat is manufactured from double-sided extruded aluminium with a thickness of 1.2 mm, providing high rigidity and stability. The usable height is 4.5 cm, with a flat geometry to ensure smooth and quiet rolling. Each end is fitted with 1 mm nylon end pieces, ensuring smooth movement, preventing metal-to-metal contact and reducing wear on the assembly.

### | Aluminium bottom rail

The bottom rail is made of aluminium, with a height of 76.2 mm and a special U-shaped configuration on its rear face. This geometry allows the black EPDM sealing profile to be housed, improving closure and reducing air, dust and noise infiltration. Like the slats, it incorporates 1 mm nylon end pieces at both ends to ensure smooth and stable operation.

### | Extruded aluminium side guide

The side guides are manufactured from 1.2 mm thick extruded aluminium, with a total width of 7.6 cm. They incorporate a 2.7 cm opening for the panel's vertical travel and a 1.2 cm internal chamber for guide reinforcement and machining. Their U-shaped internal configuration accommodates the self-locking rubber profile, which prevents direct contact between the guide and the door curtain, reduces noise and enhances the self-locking effect in the event of an attempted manual lift.

### | S-shaped overlap profile

An S-shaped aluminium profile is installed between each slat, creating a secure overlap. This system prevents the door from being manually lifted from the outside, as the assembly automatically locks in place.



**| CONNECTING PIECE**  
Between slats

### | • SIDE GUIDES • | ALUMINIUM



76X27,7



### | TERMINALS

61,2x16,4 variable thickness  
Our curtain is optionally closed with a PA6 or nylon terminal. We have two pieces: left and right.



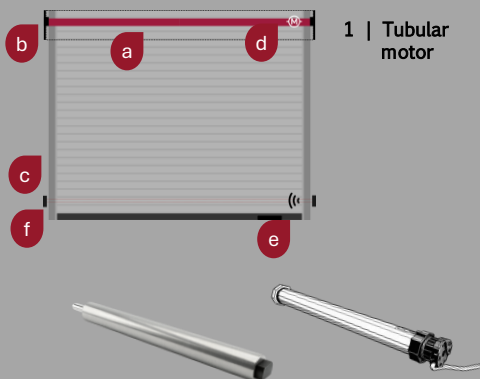
**| GALVANIZED STEEL BOTTOM RAIL**  
76,2 X 10,95 mm thickness 1,2 mm

At the bottom, the bottom rail incorporates a rubber seal that improves airtightness. This bottom rail is compatible with the slats indicated above.

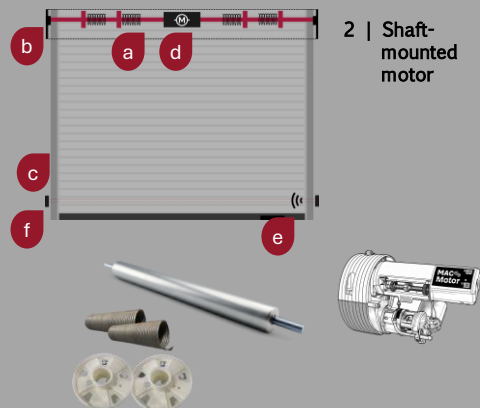
**Goma ... imatge!!!**

# TECHNICAL SPECIFICATIONS

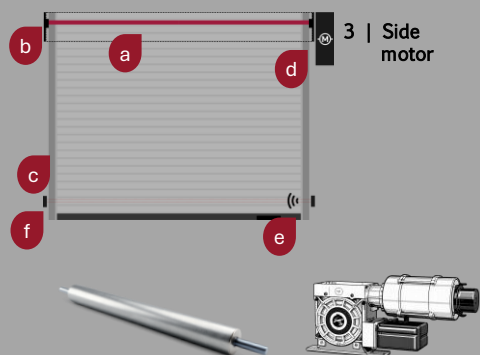
## 1 | Tubular motor



## 2 | Shaft-mounted motor

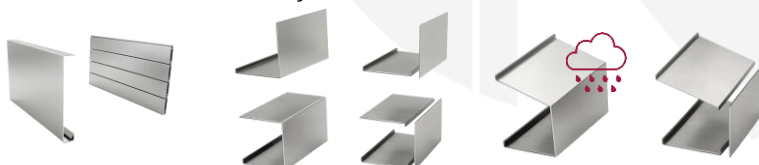


## 3 | Side motor



### a Cover box

Aluminium box with a range of designs to suit different aesthetic requirements, from a front cover to a box that fully integrates and encloses the entire assembly.



### b Brackets and shafts

Support components for securing the roller shutter shaft, available in different configurations to suit the geometry of the installation. The mobile support is particularly recommended for heights above 4 metres.



### c Guides

We offer three types of guides to adapt to different installation geometries, increase the overall strength of the assembly or incorporate unlocking boxes.

### d Automation: Motors

Motors technically adapted to each use and size.

1|**Tubular motor** with a compact cylindrical body available in different sizes.

2|**Shaft-mounted motor** with helical springs for greater durability, with two options: DC for intensive use and AC power.

3|**Side motor** with a customizable location depending on the project. Can be three-phase or with a frequency inverter (single-phase).

### e Safety and control

Safety edge, controls and photocells.



### f Base rail and end fittings

Bottom slat with rubber guide to ensure proper closure with the floor.



### COILING

CHECK MAXIMUM SIZE ACCORDING TO THE MOTOR



### ACCESSORIES

TO BE DEFINED ACCORDING TO THE DOOR'S USE  
(warning light, unlocking box location, mailbox, letter slot, AppRiera app, etc.)



## PRODUCT APPLICATIONS

