



REKORD ΣVO
High-speed Roll-Up Door
Compact and clean design

Perfect solution for food industry and large-scale retailers. It is ideal for partitioning between processing and packaging areas and transit areas, between sales areas and stocks. The structure has a compact and linear design, high speed, breakable curtain, resistance of the crossbar and vertical uprights to air, dust and steam.



Design is one of the main parameters in the concept of the rapid roll-up door Rekord ΣVO, which is conceived to meet the installation requirements in commercial environments such as department stores and food retail.

The growth of sales areas in the large-scale retail trade and consequently that of warehouses for storing and handling goods, also requires user-friendly, low-maintenance, yet high-security passage solutions.

REKORD ΣVO is an alternative to the flexible automatic hinged door, due to its vertical opening speed and its compact and linear design with no protrusions. This allows installation in even small rooms.

It has an excellent quality/price ratio, ensures low running costs and has a break-through system, which in the event of accidental impact, allows the door leaf to slide out of the guides without being damaged.



Technical features

Framework

Self-supporting structure made of a special galvanised or AISI 304/316 stainless steel profile, sized to ensure sturdiness and protection in all situations, also against accidental impact. Full width enclosure for the winding drum and drive motor in galvanised sheet metal or AISI 304/316 stainless steel.

Winding shaft

Flanged and rotating tubular steel with self-aligning ball bearings.

Flexible fabric curtain

Single skin with transparent windows at man height for safe visibility. Self-extinguishing Class 2. (On request, fully transparent section at man height).

Anti-crash system to prevent damage and injury in the event of a collision.

Fabric sliding

Extremely quiet thanks to side guides with double PVC sealing profiles.

Drive motors and electrical system

Three-phase 230/400 V motor equipped with safety thermal detector, with right or left side housing. REKORD EVO is supplied with an exclusive electronically managed control unit powered at 400V three-phase +N, equipped with electronic limit switches with absolute multi-turn encoder. It also offers the possibility of expansion and connection to external devices (fire safety or emergency systems) and remote control. Equipped with a large and specific display for programming, diagnostics and control of operating cycles.

Alternatively, the door can be supplied with the exclusive electronic programmer with single-phase 230 V INVERTER, to manage and customise the upward and downward speeds of the door curtain, and the slowdown in the opening and closing limit switch phases.

Opening speed

Opening speed up to 0.9 m/sec.

Thanks to the use of an INVERTER device, which allows adjustment of the opening, closing and approach speeds of the door leaf, the door can reach an opening speed of 1.5 m/sec.

Safety devices

Safety photocell

One Pair of transmitter/receiver type photocells will stop the door down travel and make it return to the open position, should any obstacle be detected or alternatively special safety radar.

Manual emergency (optional) at human height for opening and closing the door

Interface devices

PLC logic

Allows connection of the door to centralised management logics.

Optional interlocking logic

Allows multiple doors to be interfaced.



Warranty

Manufactured with the best electronic materials and components, REKORD doors are tested in the most severe applications in industry and commerce and are covered by a standard 12-month warranty.

Standards

Product in compliance with the product standard UNI EN 13241:2016 Industrial and commercial closures. All COIL doors are supplied with the original CE certificate.

CE certification ensures that construction and design of the product complies with requirements of the following safety directives:

- UNI EN 13241:2016 Product standard for Industrial and Commercial Closures
- 305/2011 Construction Products Directive
- 2014/35/EU Low Voltage Directive or LVD
- 2014/30/EU Electromagnetic Compatibility Directive or EMC Directive
- 2006/42/EC Machinery Directive
- UNI EN 12604 Mechanical aspects
- UNI EN 12453 Safety in use of motorized doors
- UNI EN 12424 Wind load resistance



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