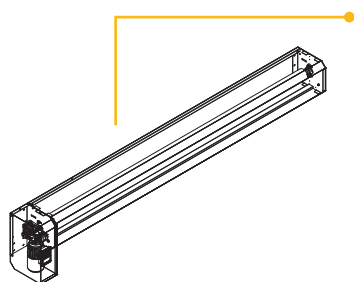


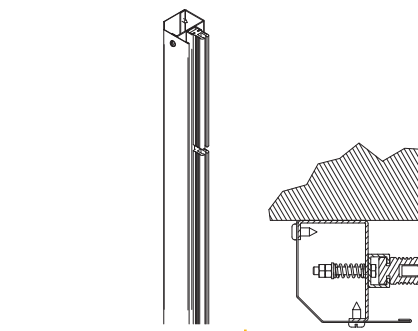
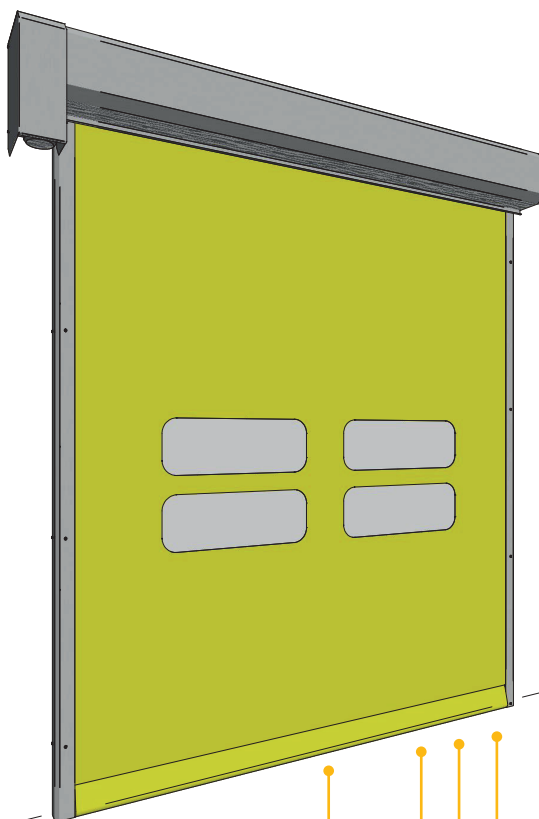


# HIGH-SPEED ROLLING DOORS WITH ZIP SYSTEM



## UPPER FRAMEWORK

- Upper framework made of steel for a high mechanical strength.
- Pre-assembled components in order to reduce installation time.
- Rolling shaft installed inside the framework and mounted on ball bearings to decrease friction while rotating.
- Separated motor cover in order to access the motor without removing the front cover.
- Laterally mounted geared motor.
- Electrical cables laid inside specific housings for a quick and easy installation.



## SIDE RUNNERS

- Lateral framework with high mechanical strength due to its strong steel structure.
- Framework composed by a metal sheet profile with polyethylene guide.
- Tensioning system of the flexible curtain made by springs.
- Pre-assembled components in order to reduce installation time.

## FLEXIBLE CURTAIN

- Made of polyester fabric coated with coloured PVC.
- High tear strength and high traction resistance, in both warp and weft.
- Wide range of available colours (depending on the type of curtain).
- Optional transparent portholes made of clear PVC and realized on Customer's request that improve safety of pedestrians and vehicles passing through the door.
- Optional portholes with mesh.
- Optional portholes with UV screen.
- Wide range of available weights and configuration for special applications.
- Reaction to Fire Classification System: Class B, according to European Standard EN 13501-1.

## STANDARD CURTAIN

- Weight in roll 900 g/m<sup>2</sup>.
- Thickness 0.8 mm approx.
- Wide range of available colours.

## INSULATED CURTAIN

- Weight in roll 1300 g/m<sup>2</sup>.
- Thickness 4 mm approx.
- Sponge layer on one side for thermal and acoustic insulation.

## TRANSPARENT PORTHOLES

- Material PVC.
- Thickness 0.7 mm approx.
- High transparency grade.

	RAL 1015 Beige		RAL 5012 Light blue		RAL 9005 Black
	RAL 1021 Yellow		RAL 5015 Light blue		RAL 9016 White
	RAL 2004 Orange		RAL 6026 Green		
	RAL 3002 Red		RAL 7038 Grey		
	RAL 5002 Blue		RAL 8017 Brown		



## CONTROL PANEL

- Industrial control panels for any application.
- Microprocessor electronic board.
- Adjustable speed frequency inverter.
- External graphical display.
- Door position controlled by encoder.
- Fully complies with EU rules.



## ELECTRICAL DEVICES

- Wide range of available opening commands.
- Special devices made on Customers' needs.



## SPECIFICATIONS

Supply voltage	230 Vac
Supply type	Single-phases
Supply frequency	50 Hz <sup>(1)</sup>
Control panel	Automatic
Motor type	Asynchronous
Motor drive	With inverter
Gearbox type	Worm
Wind load resistance	Class 2

(1) Supply frequency 60 Hz on request

Maximum width	6 m
Maximum height	6 m
Maximum area	30 m <sup>2</sup>
Opening speed	Up to 2 m/s
Limit switch	Electronic
Panel type	Flexible
Framework	Metallic
Cycles <sup>(2)</sup>	1.000.000

(2) Flexible panel and wear material excluded

## LIGHT CURTAIN

- Criss-crossed infrared beams.
- Self-blanking function.
- Aluminium profile.
- High sensitivity to object detection.
- High reliable without maintenance.
- Fully complies with EU rules.
- Produced in Germany.

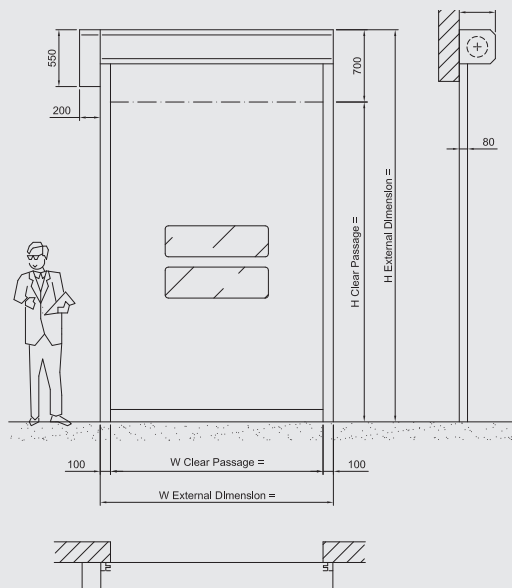


## GEARED MOTOR

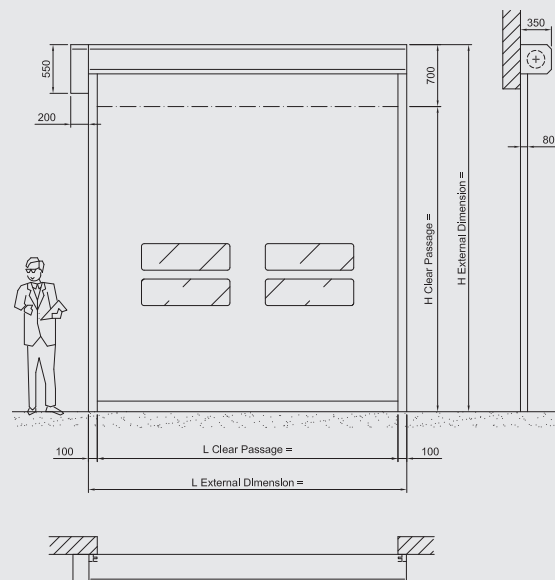
- Asynchronous electric motor.
- Integrated encoder.
- Designed for use with inverter.
- Brake with high blocking torque.
- Worm geared system.
- Lubricated for life.
- Produced in Italy.



## DIMENSIONS - TYPE 1



## DIMENSIONS - TYPE 2



## EUROPEAN STANDARD COMPLIANCE

- Fully complies with rule EN 13241-1.
- "Standard for industrial, commercial and garage, doors and gates".
- Maximum safety to avoid any injury to workers while opening and closing.
- Door submitted to a strict "Initial Type Test" carried out by the manufacturer under the control of an organism registered with the Italian Ministry of Economic Development.
- CE declaration and CE marking.



Revision: 1.0