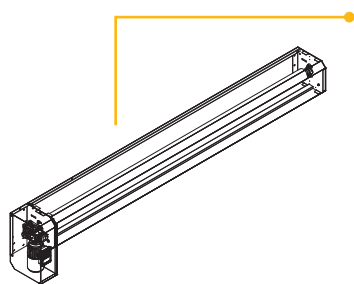




HIGH-SPEED ROLLING DOORS WITH ZIP SYSTEM





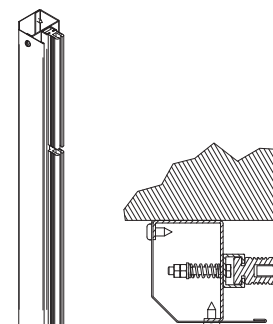
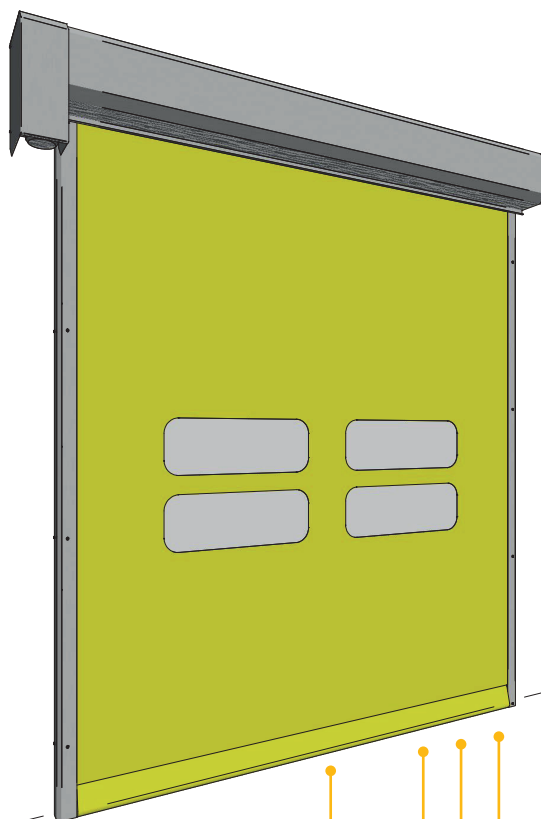
UPPER FRAMEWORK

- 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.

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.

| | | | | | |
|--|-----------------|--|---------------------|--|----------------|
| | 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 | | |



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.

STANDARD CURTAIN

- Weight in roll 900 g/m².
- Thickness 0.8 mm approx.
- Wide range of available colours.

INSULATED CURTAIN

- Weight in roll 1300 g/m².
- 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.

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 ⁽¹⁾ |
| 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 ² |
| Opening speed | Up to 2 m/s |
| Limit switch | Electronic |
| Panel type | Flexible |
| Framework | Metallic |
| Cycles ⁽²⁾ | 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.

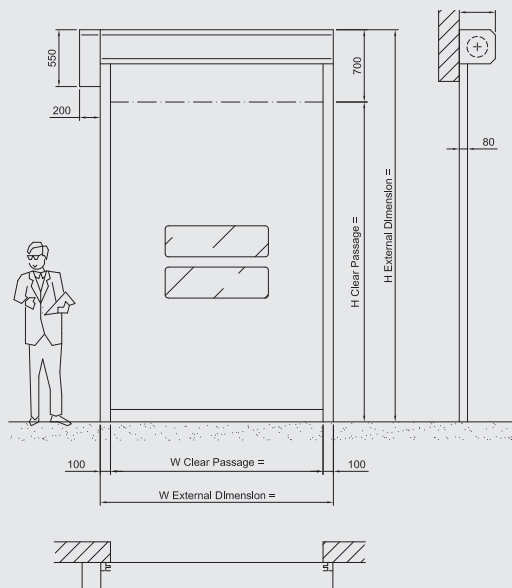


GEARED MOTOR

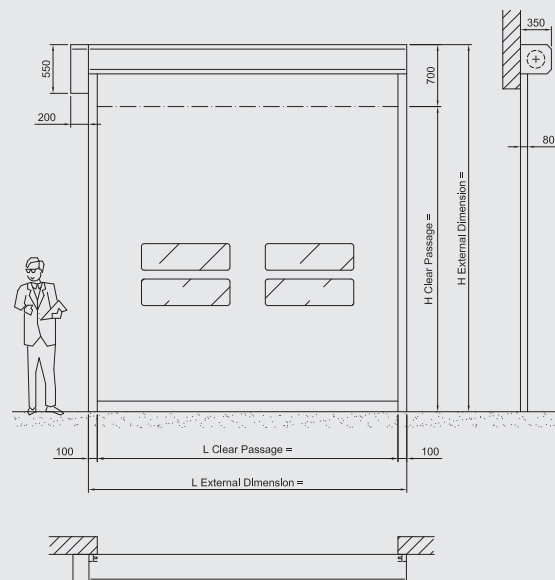
- Asynchronous electric motor.
- Integrated encoder.
- Designed for use with inverter.
- Brake with high blocking torque.
- Worm geared system.
- Lubricated for life.
- Produced in Italy.



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