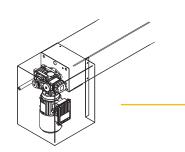**OCM**

· INDUSTRIAL DOORS ·

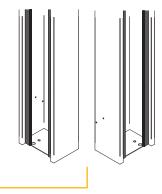

HIGH-SPEED FOLD UP DOORS

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.
- Fire extinguishing rated "Class B", following European rule EN 13501–1.

SIDE RUNNERS

- Lateral framework with high mechanical strength due to its strong steel structure.
- Framework composed by a metal sheet profile.
- Brushes made of soft nylon installed laterally in order to reduce friction with flexible curtain.
- Pre-assembled components in order to reduce installation time.

STANDARD CURTAIN

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

INSULATED CURTAIN

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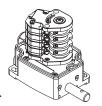
TRANSPARENT PORTHOLES

- 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	

LIMIT SWITCH

- Easy to setup and to fine-adjust.
- Available with no. 2 or 4 cams.
- Both N.O. and N.C. contacts on each cam.
- Available with gear ratio of 1/25 or 1/50.
- Produced in Italy.

PHOTOCELLS

- Infrared beam technology.
- Emitter and receiver system.
- Easy to install and to replace.
- Produced in Italy.

ELECTRICAL DEVICES

- Industrial control panels for any application.
- Wide range of available opening commands.
- Special devices made on Customers' needs.

SPECIFICATIONS

Supply voltage	400 Vac [1]		Maximum width	15 m
Supply type	Three-phases [1]		Maximum height	10 m
Supply frequency	50 Hz		Maximum area	100 m^2
Control panel	Automatic		Opening speed	Up to 0.8 m/s or more
Motor type	Asynchronous		Limit switch	Mechanical
Motor duty cycle	S1 100 %		Panel type	Flexible
Gearbox type	Worm		Framework	Metallic
Wind load resistance	Up to class 5		Cycles [2]	1.000.000

(1) Supply 230 Vac single-phase or three-phases on request

(2) flexible panel and wear material excluded

SAFETY EDGE

- Electro conductive rubber.
- Base aluminium profile.
- High sensitivity to object detection.
- High reliability without maintenance.
- Fully complies with EU rules.
- Produced in Germany.

WIRELESS SYSTEM

- Safety edge wireless connection.
- Operative frequency of 868 MHz.
- Supplied with batteries that last 2 years.
- Fully complies with EU rules.
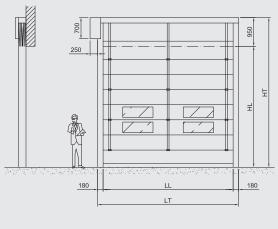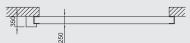- Produced in Spain.

GEARED MOTOR

- Three-phases asynchronous motor.
- Standardized dimensions and power.
- Heavy duty cycle S1 – 100%.
- Aluminium case with cooling fins.
- Ventilation fan with radial blades.
- Brake with high blocking torque.
- Protection degree: IP 54 / optional IP 55.
- Worm geared system.
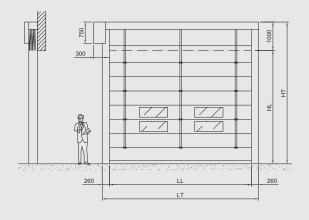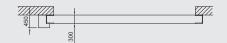- Lubrificated for life.
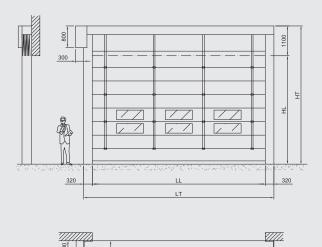- Produced in Italy.

DIMENSIONS – TYPE 1

DIMENSIONS – TYPE 2

DIMENSIONS – TYPE 3

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 recorded at the Italian Ministry of Producing activities.
- CE declaration and CE marking.