

A large industrial PVC fabric door system is shown in a factory setting. The door is partially open, revealing a bright outdoor area. The door is made of a light-colored PVC fabric with a metal frame. A control panel with a red emergency stop button is visible on the right side of the door frame. A safety sign with a hand icon is on the left side of the door frame. The background shows industrial equipment and a blue sky.

SHIPYARDDOOR®

PVC FABRIC DOOR SYSTEMS

**SO
FAST
NICE
DOGGED**

SPEED FLEX® HIGH SPEED ROLL UP DOORS



Flex-Roll high speed roll up doors are designed for internal applications or negative pressure area require isolation, quick operative and easily adoptable to different applications. All kind of industries require this type of system at indoor environment that has contact risk with wind and dust. From Food Industries to Supermarket, warehouse to chemical store, doors can be provided for different requirements of client. We can provide tailor made solution. Compact design and silent operative.

High Speed door is designed for durability. Spring & Zip system are not being used as they cause damage inside wind bars. We are continuously improving in every factor to reduce the problems by collecting feedbacks from every client across globe to provide best simple and robust system.

7/24 Operations

Strong and flexible design of Speed Flex fold up doors can be operated 24X7 specially by choosing high resistance fabric and gearbox system for continuous operations. Crash resistant system installed in our doors help to re-assemble the fabric with in no time in case of accident.

Sealing Properties

Door compact design supply to you also excellent sealing. All structure made from Aluminum and no welding also no gap to resistance moisture, acids, animal fats, rodents, insects and salt solutions, Speed Flex High speed Roll up doors works in Dusty, Dirty, Grimy Environments. This is designed for noiseless operations.



Perfect For Hygienic Area

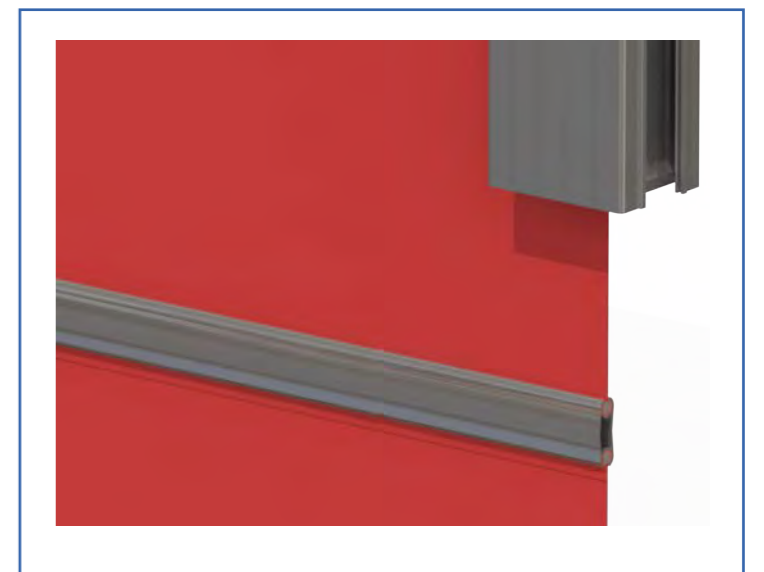
High speed roll up Doors is designed with very low gap to avoid dust collections fully Aluminum body and hygienic fabric is meet with all clean room area and applications.

Easy and Cost effective Repairing

Flex roll High speed roll up doors is manufactured section technology so each sections can be replaced individual if a parts is tear or damaged no need to replace all fabric. System doesn't has spring or side zip system. System can be cleaned with water easily it is most important properties for high hygiene required area.

Patent Pending Sectional Desing

Speed Flex fold up door is specially designed with section. So all sections is separately installed and can be replaced easily. If any accident is occurred no need to replace fully changed the fabric. This user friendly design reduce your maintenance cost efficiently



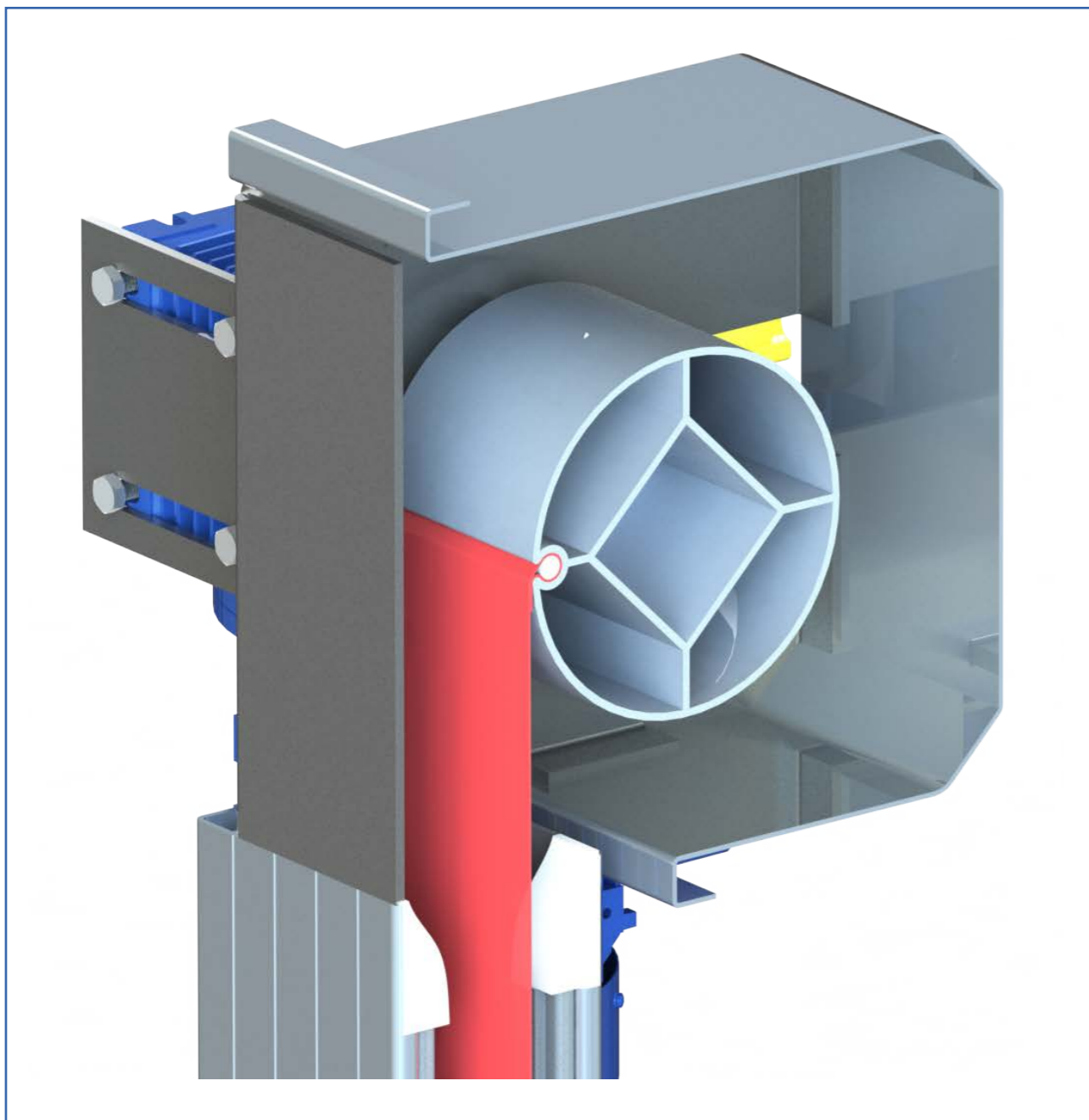
Easy and Cost effective Repairing

Flex roll high speed roll up doors cause of design no need any special maintenance all parts is carefully chooses for no maintenance requirements also avoid using welding at the system so never faced problem cause of welded parts.

TECHNICAL PROPERTIES

Structure

All structure made from extruded high straight Aluminum 6063-T6 Alloy fixed with bolt only top cover as a standard made from galvanised steel sheets. All side guide and bottom frame is manufactured one pieces so not gap or welding that design is suitable for high hygiene required area. Steel zinc structure is available for cost effective requirements.



Wind Resistance

Rollup Doors is designed internal applications standard wind resistance 40 km/h and Class 2 Annex ZA- (EN 13241:2011).

Fire Resistance

Fire resistance of the fabric is suitable for any fire safety regulations. Relative Standard is DIN 4102-B1. These materials are difficult to ignite. They include materials such as wood treated with a fire retardant and rigid foam plastics. A fire must extinguish itself when the source of the fire is removed.

Curtain Data

Curtain Thermal insulation: $U = 4 \text{ W/sq-mt.K}$ (BS EN ISO 6946) Sound attenuation: 16 dB A Tensile Straight 4300/4000 N/50 mm

Maximum Dimensions

High Speed roll ups doors can be manufactured up to 4500X4500 mm. big door requirements Shipyarddoor® has special applications.

Applications

All industrial building need isolation and high traffic area regulations special. Food, Pharmacy, Chemistry Industries. Doors is used for interior applications or vacuum area max 10 Pa.

Safety Components

All doors are manufactured CE Standard Applicable Directives 89/106/EC-99/93/E Applicable Standards:- EN 13241-1:2003+A1:2011-EN 12978:2008 and safety photocell, Thermic resistance, Windows section ,emergency button warning light and buzzer is supplied Standard equipment.

Optionally

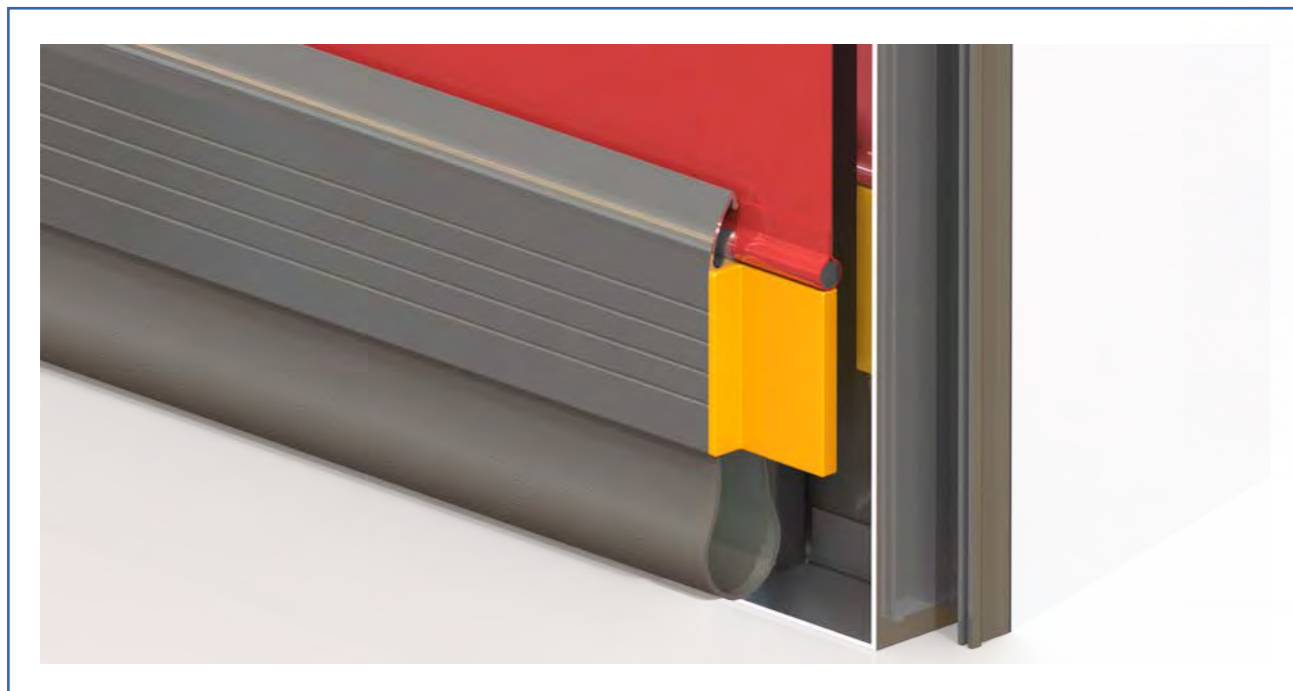
Bottom safety edge and pneumatic safety edge system is available.

Low Maintenance

Flex roll high speed roll up doors cause of design no need any special maintenance all parts are carefully chosen for no maintenance requirements also avoid using welding at the system so never faced problem cause of welded parts.

Anti-Crash Safety

Instead of our copy-cat company speed flex roll up Door has anti crash system so if any accident is occurred fabric not damaged and easy replace.



Control board

Control board is designed according to CE 2006/95 EC and NEMA ICS 2 Standard to operate 3 phase motor with rotate switch. Audible and visual warning devices automatically signal for 5 seconds before any door section movement, remain continuously on while the door is in motion and reset immediately after movement stops. IP 65 Box Emergency button Circuit Breakers Warning light Buzzer, Plug in technology served with universal spare parts.

Optionally

Frequency converters control board with touch less button-Mono phase operators control board is available.





Fabric

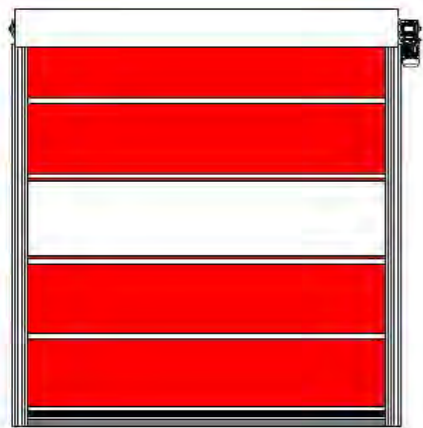
Specially choose fabric is suitable for long life. It have very high resistance against to UV damage, Trade name VALMEX POLYMAR[®] manufactured by Mahler Textile GMBH .industrial Fire resist 900 gr/m2 1-2 mm 1100 Dtx B 6000 Panama SIO – LINE + DIN EN ISO 2286 – 2 –CE

Tensile Straight 4300/4000 N/50 mm DIN 53354.

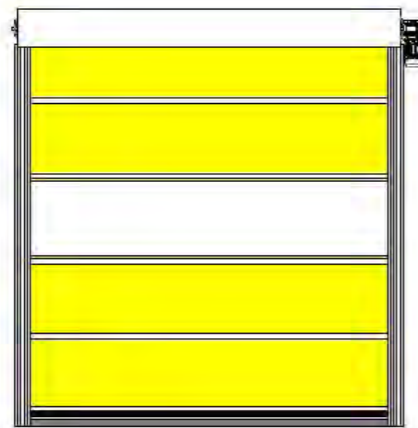
Tear Strength 500/500 N DIN 53363

Color

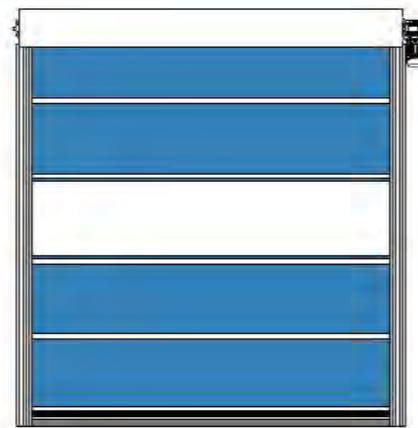
Wide range fabric colour is available, All main colour at our stock (RAL 9002-9006-1001 -3001 – 5007-6001-7071) (some colour is out of stock can be extend delivering time)



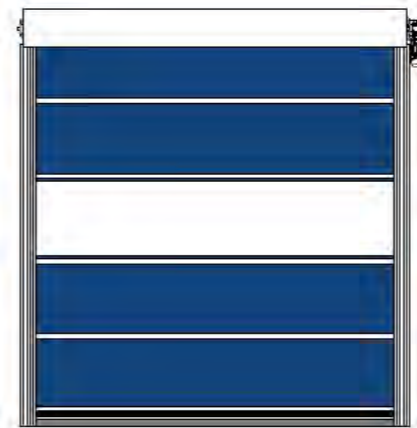
Red - Ral 3020



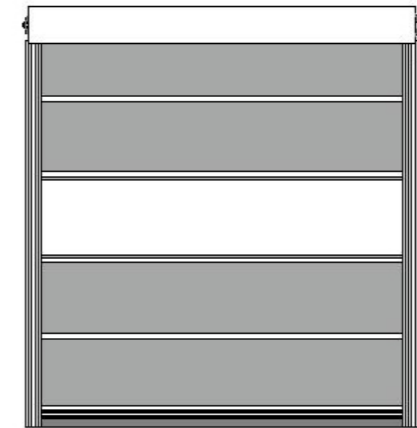
Yellow - Ral 1018



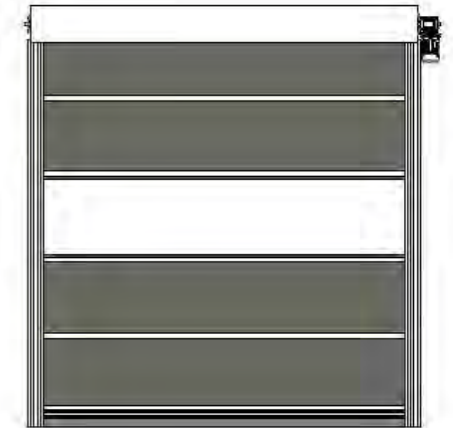
Light blue - Ral 5012



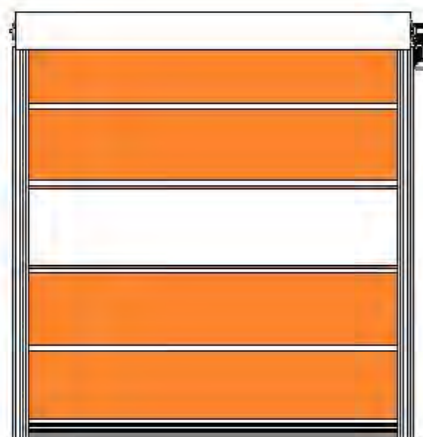
Blue - Ral 5010



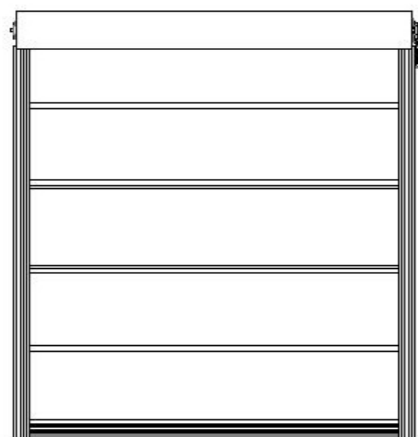
Metalic grey - Ral 9006



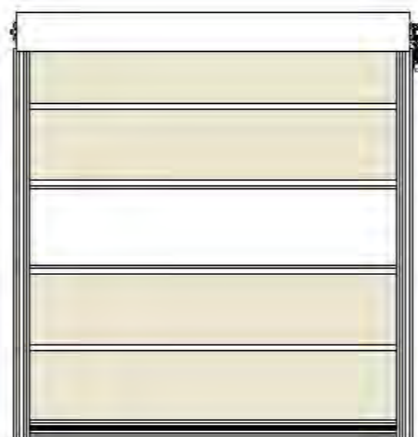
Grey - Ral 7039



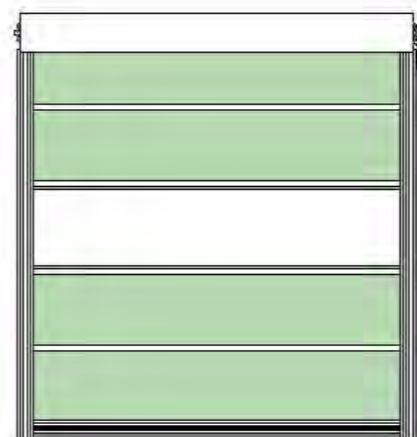
Orange - Ral 2003



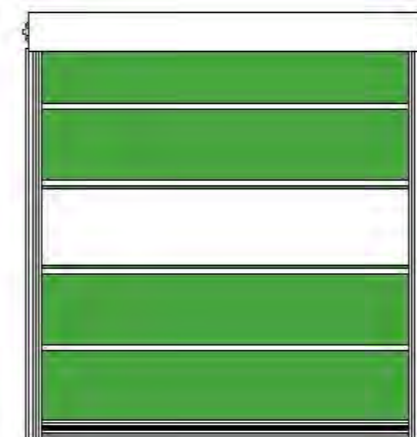
White - Ral 9010



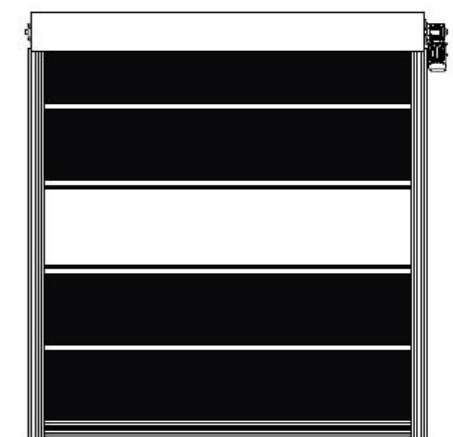
Beige - Ral 1013



Light green - Ral 6019



Green - Ral 6018



Black - Ral 9005

*Some color is out of stock can be extend delivering time.

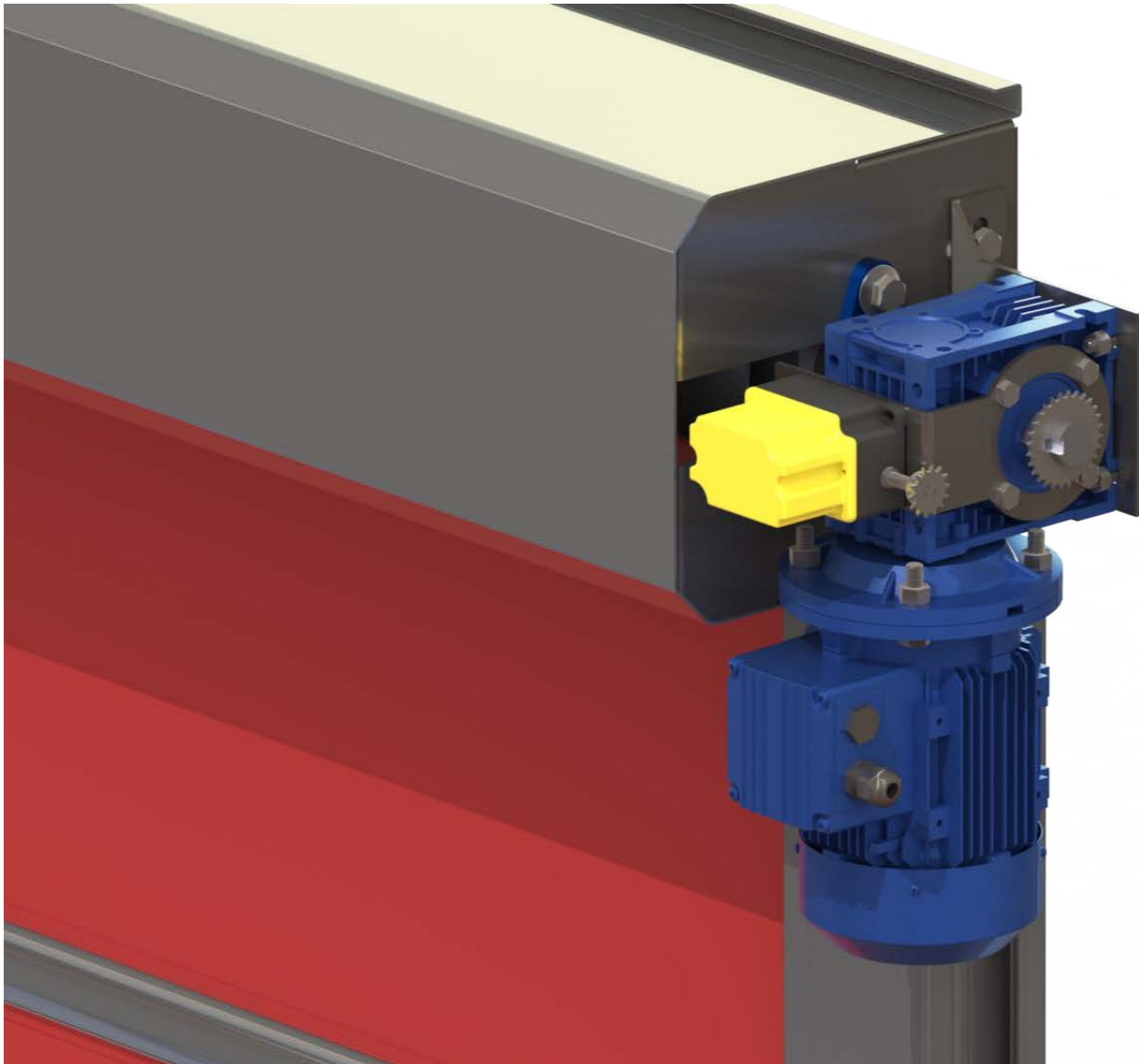


Speed

Speed Flex fold up doors can be operated as a standard 90 cm /sec also can be increased 150 cm/sec with frequency converter (optional)

Motor And Gearbox

Power from 1 Hp up to 3 Hp operations voltage 380-440 V 3 phase depends to dimensions of the doors. We prefer to use 3 Phase operation voltage for 7/24 industrial operations, as an options we have 220 V 1 phase motor operator for special applications. Gearbox high torque worm-hole design gear-box. All materials is manufactured according to CE norm.



Operations

Speedd Flex® Rollup fabric door is guide up and down in the weather sealing vertical guides attached to the structure. Door is controlled by three buttons marked “Open,” “Closed,” and “Stop.” It is controlled by momentary pressure to open and constant pressure to close. (Reverse is available). System has touchless control board for clean room sections and it can be operated with Radar, Remote controller, Metallic Loop Detectors, Pull rope switch as an options.

Loop detectors;

Together with the inductive loops laid beneath the surface, the LC series loop detectors form a universal sensor system for detecting vehicles and forklift. People are not detected.

Infrared Radar;

Opening impulse sensor for automatic doors and industrial doors i Motion sensor for people and objects.

Remote Controller;

Is a component of an electronic device to operate the device with radio frequency from a long distance (25 mt up to 100 mt)

Manual Operations;

In Emergency situations or power is of Doors can be operated manually a few ways.

- A hand crank that attaches to the output shaft of the motor is available for manual operation. (Standard)
- Connecting the door to a power generator would eliminate the problem in case of a power failure. (Optional)



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