

TECHNICAL INFORMATION



FABRIC HANGAR DOORS
MULLION SYSTEM



Mullion System Description

HANGARDOOR is the company providing the high quality Fabric fold-up hangar doors.

Mullion system is virtually unlimited size and configuration. Each mullion system is designed to meet specific project requirements. Our skilled engineers will design to fulfill specific requirements, present the recommendations for the building construction.

Mullion system is an integral part of the doors and designed to swing up under the door leaf. It is necessary to split wide-ranging door opening into smaller parts or separate different sized doors. We recommend using a mullion system of the door opening wider than 20 meters. The movable mullions provided with safety arrester to prevent from fallings.



Mullion system features and performance

■ Features

Compatible with door type: FDB 295 wider than 20 meters or special door design.
Sealing: rubber loop, brushes.

Painting: available in various colors (RAL).

Operation: electrical operator.

Lifting components: chain, rope, eyebolt suspension.

■ Operating performance

Operating speed: 0.06-0.13 m/s.

Operating environment temperature range: -30 °C to +70 °C.

■ Electrical system

Power supply: 3x400V/50Hz, 1x230V/50Hz.

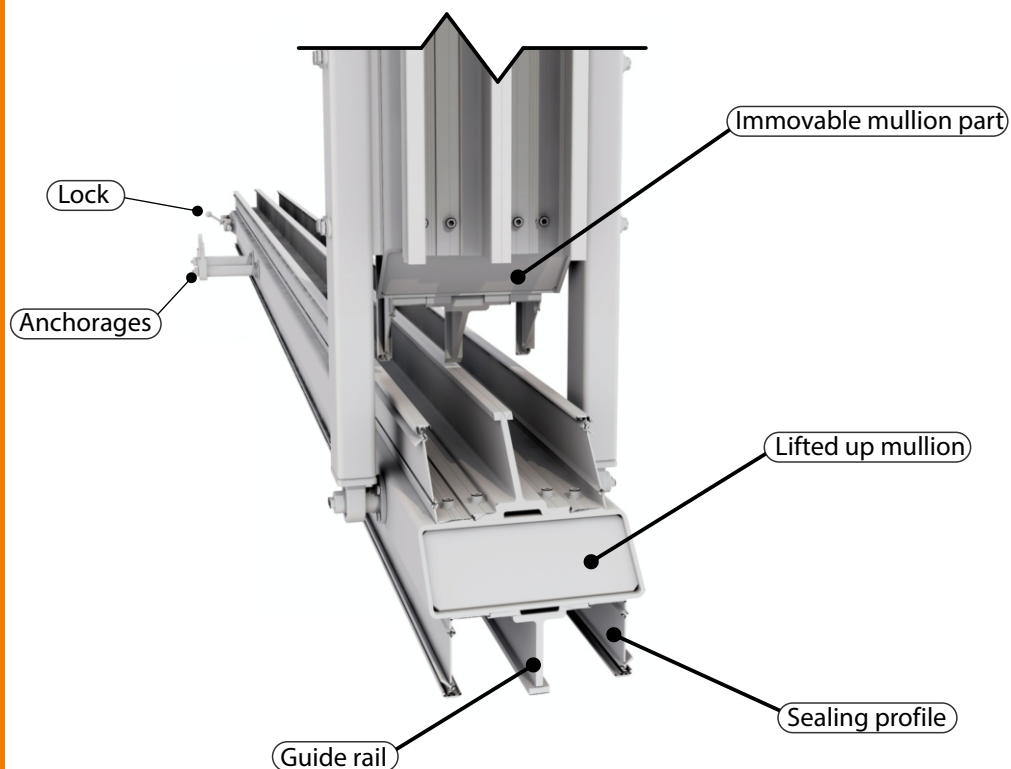
Connection fuse: depends on engine type and control block type.

Control: security-wiring 24V.

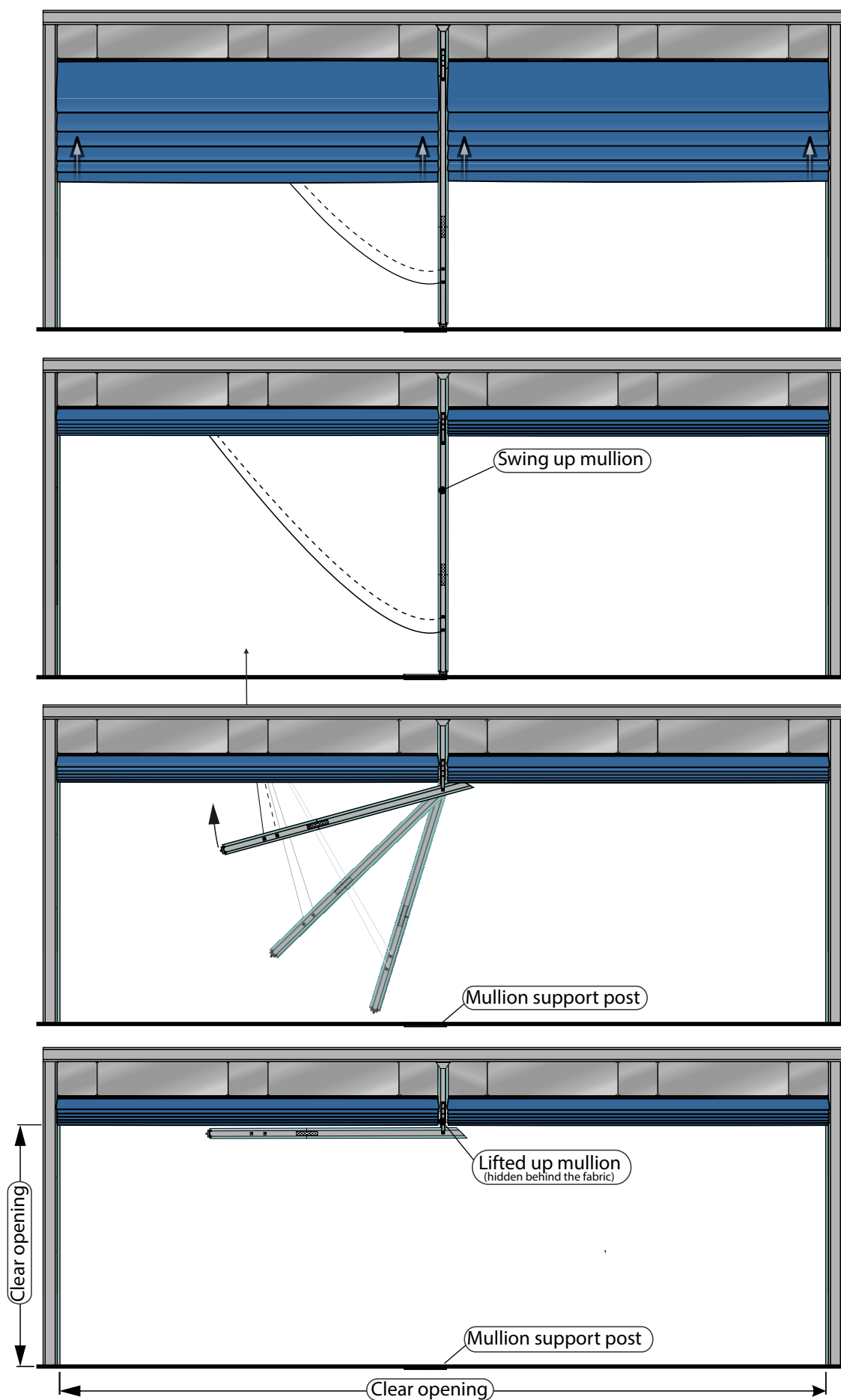


Swing-up mullion construction

Mullion system construction is made of structural steel and galvanized or coated with corrosion resistant paint primer. On the mullion column both sides are attached aluminum guide rails with brushes. The swing-up mullion hinge pivot is designed of maintenance-free bearings. Mullion is lifting by chain otherwise in case of accident arresting by rope. The hoister and arrester are attached to the building construction. There are two types of mullion locking system: mechanical and electrical, which allows to open or close the doors.



Operating principle of swing-up mullion

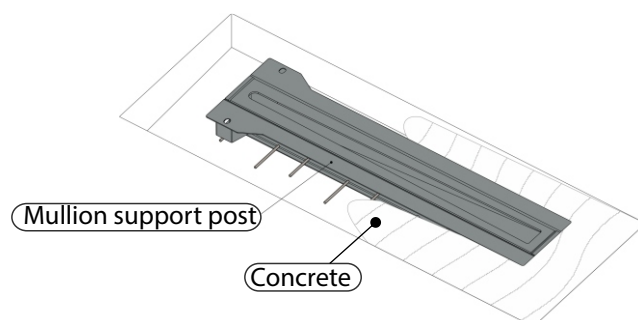
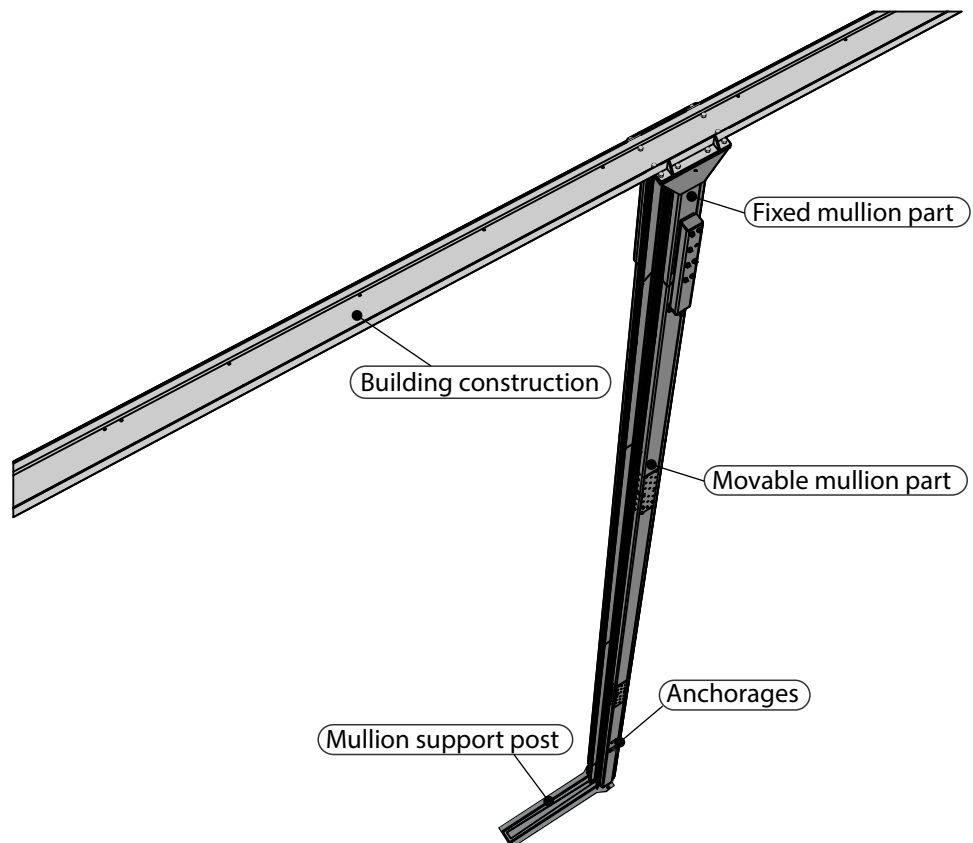
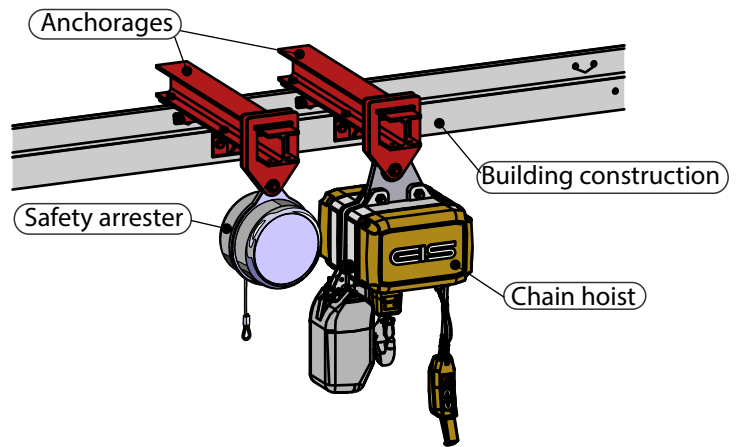


Installation of swing-up mullion

Swing-up mullion system is fastening to the top part of structural opening with M16 bolts.

Mullion lifting device and anti-drop device are fastening to the top part of structural opening with M12 bolts, between hoister and arrester recommended distance is 350 mm.

Mullion lower part guide rail should be recessed into the floor pit and placed the guide of the bottom part of the mullion onto prearranged place. Mullion lower pin should be properly inserted into the mullion lower part guide rail and we recommend to concrete over the guide rail of the lower part of the mullion after door installation!



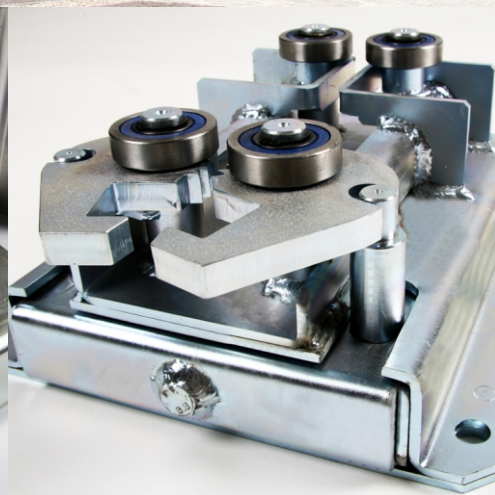
ABOUT BARDUVA COMPANY

Barduva was founded in 1996, the company's main activity is the manufacture of lifting doors. Continuous improvement, production capacity expansions, modern technology and skilled workers' efforts provide an opportunity to introduce our product - hangar door BARDUVA.

This is modern, safe, reliable and economically attractive hangar doors.

Designed using modern technologies, long-term manufacturing and installation experience, using only quality materials. While working on complex construction projects, our skilled engineers work in close cooperation with our and customers' company employees.

Our competent experts are always ready to advise construction project managers, foremen, customers, how to avoid mistakes during the construction and operation of the doors.



The main levers of our business - quality, professionalism and integrity.

We are always ready to answer your questions and provide necessary drawings to ensure that hangar doors **BARDUVA** would suit your new or renovated building.

We pursue customer satisfaction and long-term partnership while ensuring product reliability and quality at each design, technology development, product and service chain. We care about our reputation.

The main levers of our business - quality, professionalism and integrity.

We try to do so, that company's customers, partners and employees would feel the goodwill and projects would meet time and quality requirements.

BARDUVA efficiency of activity leads to a responsible and professional team, which is not afraid to take greater responsibilities in the implementation

of interesting and challenging projects, which requires constant look for a new ideas and new solutions.

While living today, we continuously thinking about tomorrow, because we know that the success belongs to those, who best predicts the needs of future consumers.

We love challenges. We are ready to fulfill customer orders more quickly than others and to carry out such orders, the others can not.

Periodic training of personnel, equipment and tool monitoring, verification and other procedures must ensure product compliance with the requirements of the EU products.



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Other Hangar Door Systems



BARDUVA

We Appreciate The Quality!