

Technical Data Sheet

Scissor System

GENERAL FEATURES

- Production must be in CE and TUV standards.
- It should have a wind resistance of up to 90 km per hour.
- Shrinkable fabric profile above the standards should be used. - By reducing the stretching of the profile thanks to the strong shrinkable fabric, maximum stretch should be achieved in the fabric.
- It should have a compact 32 speed motor box. - It is ensured that the system moves quickly.
- Ergonomic and stylish protection roof design should be done. - The life of the system should be extended by effectively protecting the fabric and engine parts against external conditions.
- Integrated lighting option should be used. - Lighting solution should be provided in large areas without the need for additional electrical installations
- The locking trolley assembly should reduce installation time and each trolley should be capable of carrying up to 150 kg.

TECHNICAL DETAILS

- All profiles and construction must be electrostatic powder oven dyed.
- The construction of the system must be galvanized steel.
- The system can be operated with a single engine up to 13 meters at the front.
- The rear iron carrier size of the system is 150*50*3 mm.
- The scissors used are 8 mm thick. It is placed on the rear vertical rail together with the wheels and supported by steel springs, and the system is moved back and forth with the engine.
- With the water slot in front of the system, rain water is evacuated through the desired place.
- Carrier construction of the system and fixing to the ground should be done with steel dowels.

FABRIC

- It should be 3-layer with black-out feature and its weight should be 750 gr/m².
- It should have the property of not reflecting light, not conducting flames and stretching equally.
- It should be waterproof, colorfast and guaranteed against tearing.
- The fabric should be used in various colors as flat or three-dimensional according to the customer's request.

AUTOMATION SYSTEMS

- The movement of the system should be provided by UBESER' brand tubular motor.
- The system should be implemented with a remote control as standard, it should also be

- applied with a button depending on the customer's request.
- Engine torque should be 120 Nm and speed should be 12-17 rpm.
 - When the pergola awning is to be closed, the motor must provide the necessary stretch.

AWNING MECHANISM

- All fasteners should be galvanized oven painted, bolts and pins should be stainless.
- Special manufacturing equipment should be used for connections in all sigma aluminum.
- The carrier system should be made with the determined rall code, depending on the customer's request.
- Black-out fabric should be according to customer's request.
- Power led profiles should be suitable for Black-out fabric color.
- System led profiles must be illuminated/non-illuminated. If it is illuminated, the light should be used as white or daylight according to the customer's request.
- The motor should be guaranteed for 2 years, the awning mechanism should be guaranteed for 2 years and the black-out fabric should be guaranteed for 5 years for manufacturing defects.

