horiso®

Shading Tension System 101 Shaped Internal guided tension system

Application

STS 101 is designed for any building with large apex windows.

The STS 101 is a unique design for right-angled triangular fabric shades under horizontal, vertical or sloping glazing including drawing vertically bottom to top or side to side.

Design Specifications

- A single 85 mm galvanized steel fabric roller tube incorporating both the drive motor and the spring compensation cassette to maintain constant tension throughout the travel.
- 5 m capacity cable drum to take up the continuous nylon-coated stainless steel tension cable.
- A gear operated mechanical tension adjustment within the drum to enable the fabric tension to be adjusted between 5 and 25 kg.

Design Options

- Relieving roller for intermediate fabric support.
- Boat shaped hem bar end caps to allow smooth passage over relieving rollers.
- Fabric battens to minimise fabric sag.

Finishes

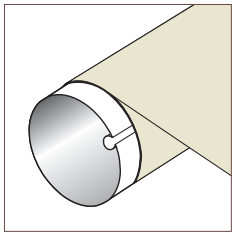
- Visible aluminium parts Syntha Pulvin® polyester powder-coated in the system colour specified.

Installation

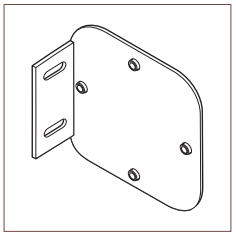
- Supplied with universal roller brackets and back fix return pulleys.

Maximum width: 4 m
Maximum draw: 5 m
Maximum fabric area: 9 m^2
Maximum fabric weight: 450 g/m^2

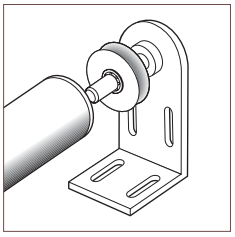
STS 101 Components



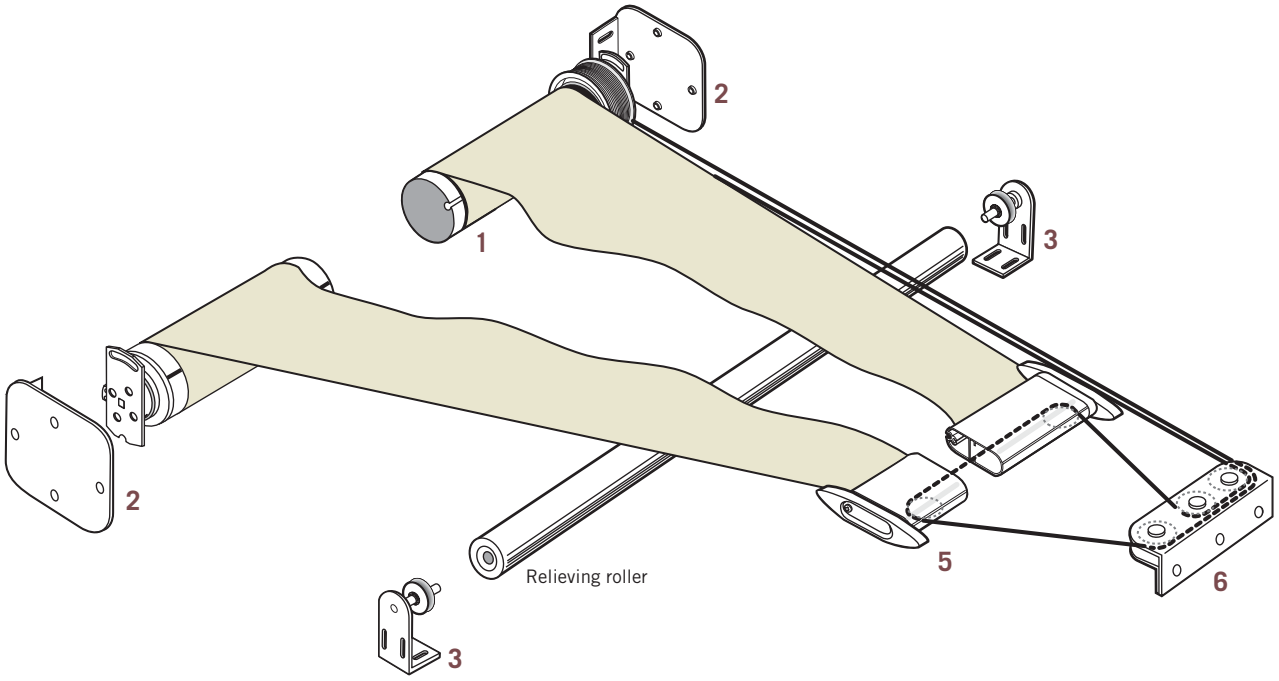
1 Fabric roller

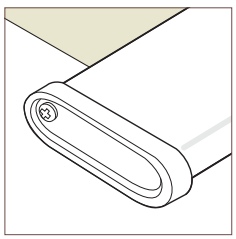


2 Cheek plate

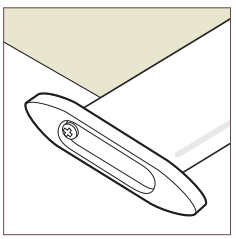


3 Relieving roller bracket

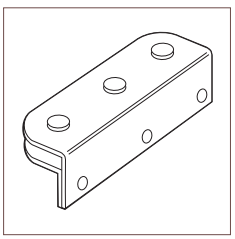




4 Hem bar end cap for system without relieving roller



5 Hem bar end cap for system with relieving roller

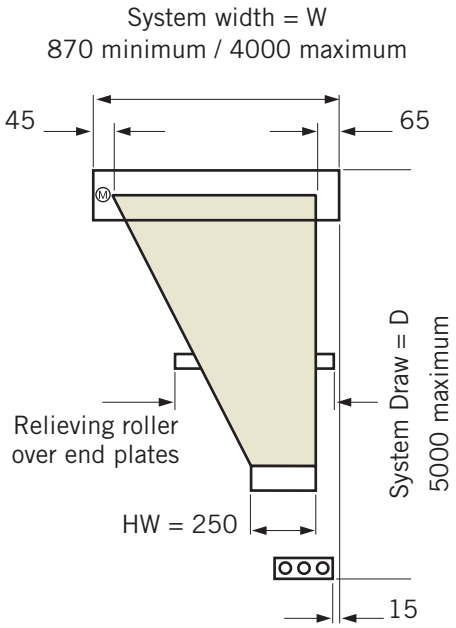


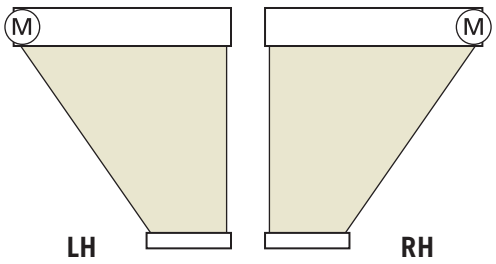
6 Return pulley assembly

STS 101 Technical specifications

Model		T11460
Maximum width	(m)	4
Maximum draw	(m)	5
Maximum fabric area	(m^2)	9
Basic weight	(kg)	7.5
+ Per metre width	(kg)	4.2
Typical fixing load	(kg)	24
Maximum fixing load	(kg)	36

Motor		
Torque	(Nm)	15
Speed	(min^{-1})	17
Current at 230 V	(A)	0.6
Cable length	(m)	2.5
Temperature range	(°C)	-5 to +55
Maximum run time	(min)	4
Minimum fabric speed	(m/min)	5





Supplied with left or right motor

Maximum fabric area: 16 m2
Maximum fabric weight: 450 g/m2
Minimum width Std motor: 870 mm
Minimum width Radio motor: 1230 mm