



## Tess 300 Internal vertical roller system



### Application

Tess 300 is primarily designed for commercial buildings such as offices, shops, hotels and airports.

Tess 300 is large scale, cost effective solution for rectangular fabric shades which are installed on vertical applications.

### Design Specifications

- A single 85mm galvanized steel or 127mm aluminium roller incorporating the drive motor.
- Extruded aluminium hem bar supporting the free end of the fabric.
- Two 3mm diameter nylon coated stainless steel cables.

### Design Options

- Relieving roller for intermediate fabric support.

### Installation

- Supplied with either top or back fix roller brackets.
- Supplied with back fix anchor brackets.

### Finishes

- Aluminium components - polyester powder finish, 30% gloss.
- Steel - galvanised against corrosion.

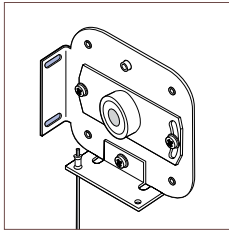
Maximum width: 6m

Maximum draw: 12m

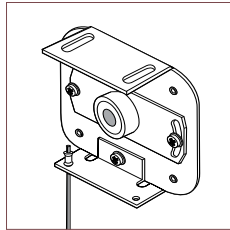
Maximum fabric area: 72m<sup>2</sup>

## Tess 308 Components

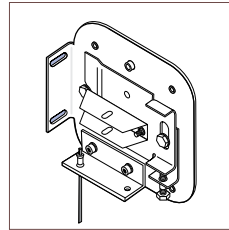
## Tess 312 Components



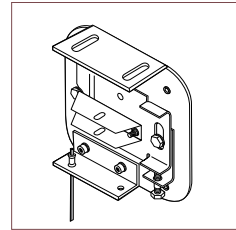
Back fix mounting bracket



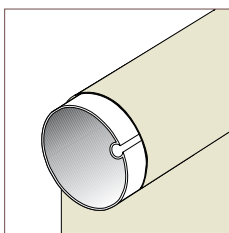
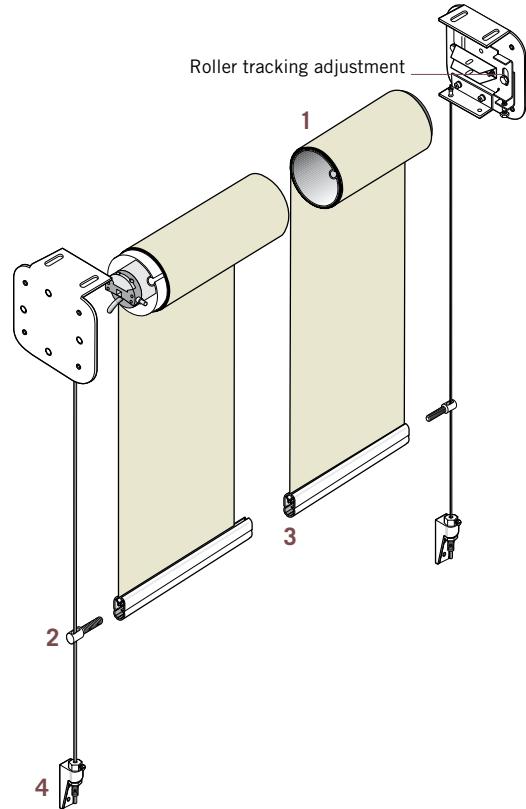
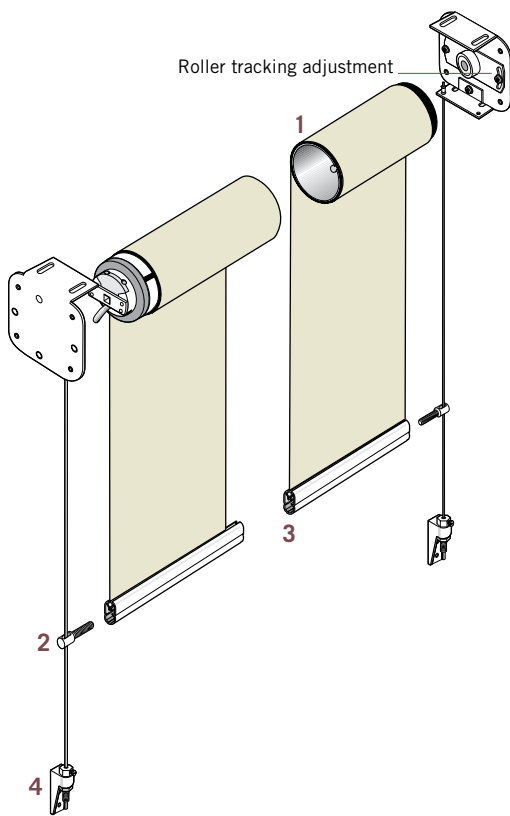
Top fix mounting bracket



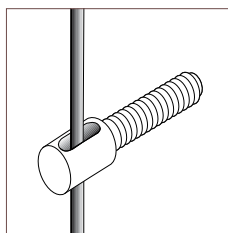
Back fix mounting bracket



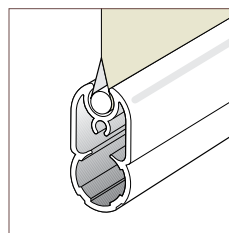
Top fix mounting bracket



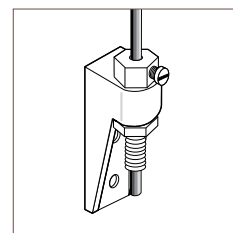
1 Fabric roller



2 Hem bar end cap



3 Hem bar  
Weight = 0.5kg/m  
1.2kg/m with additional weight



4 Anchor bracket and tensioning screw

## Tess 308 & 312 Technical specifications

<b>Model</b>		<b>Tess 308</b>	<b>Tess 312</b>
Part number		T10893	T11259
Maximum width	(m)	4.2	6
Maximum draw	(m)	6	12
Maximum fabric area	(m <sup>2</sup> )	25	72
Basic weight	(kg)	7	9
+ per metre width	(kg)	3	3

### Motor

Torque	(Nm)	15	35
Speed	(min <sup>-1</sup> )	17	17
Current at 230V	(A)	0.65	1.5
Cable length	(m)	2.5	2.5
Temperature range	(°C)	-5 to +55	-5 to +55
Maximum run time	(min)	4	4
Minimum fabric speed	(m/min)	5	7

Minimum width - Tess 308 Std motor: 718mm

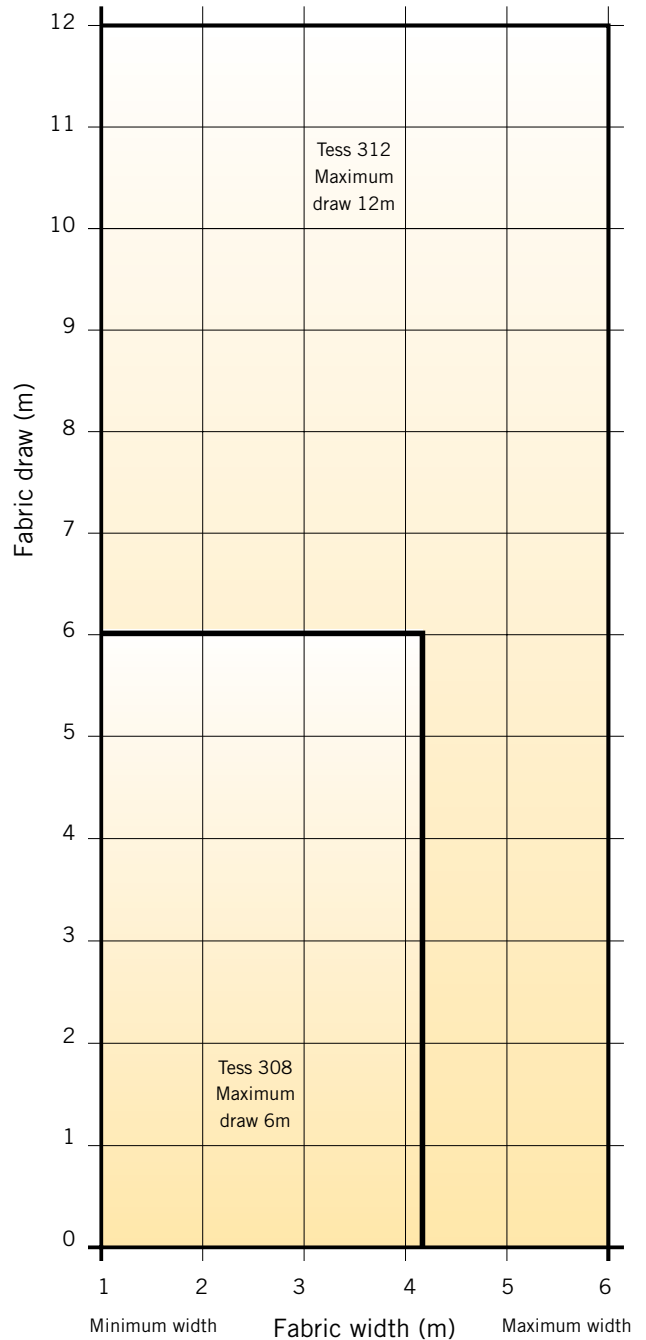
Minimum width - Tess 312 Std motor: 970mm

Calculations are based on a maximum of 1:400 tube deflection.

Maximum fabric area 72m<sup>2</sup>\*

\*This figure is the maximum capacity of the system based on a fabric weight of 450g/m<sup>2</sup>.

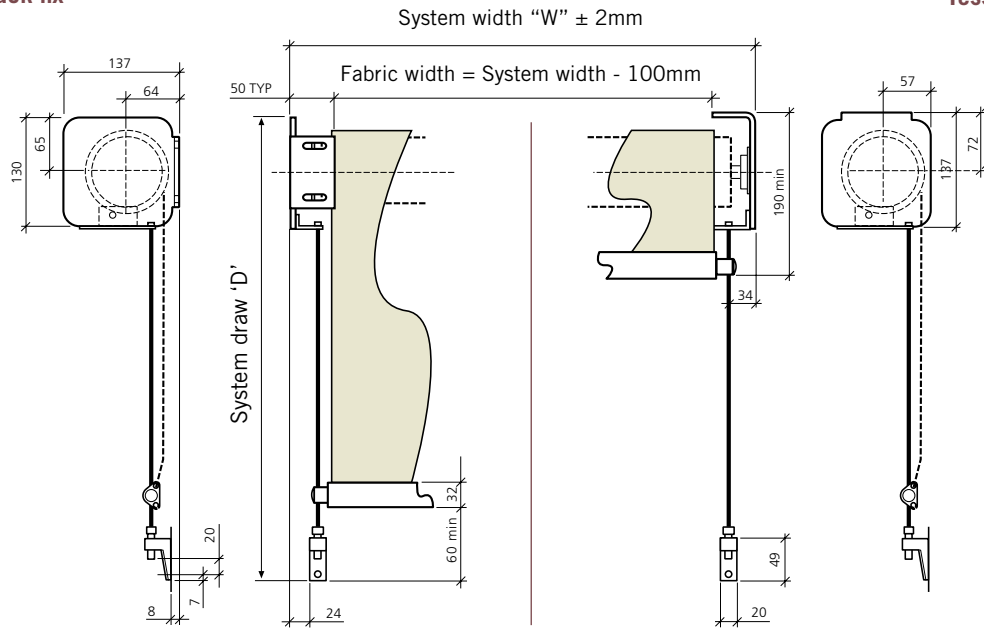
The weight of the fabric and how prone it is to creasing should also be taken into account when sizing the blind.



## Tess 308 & Tess 312 Installation

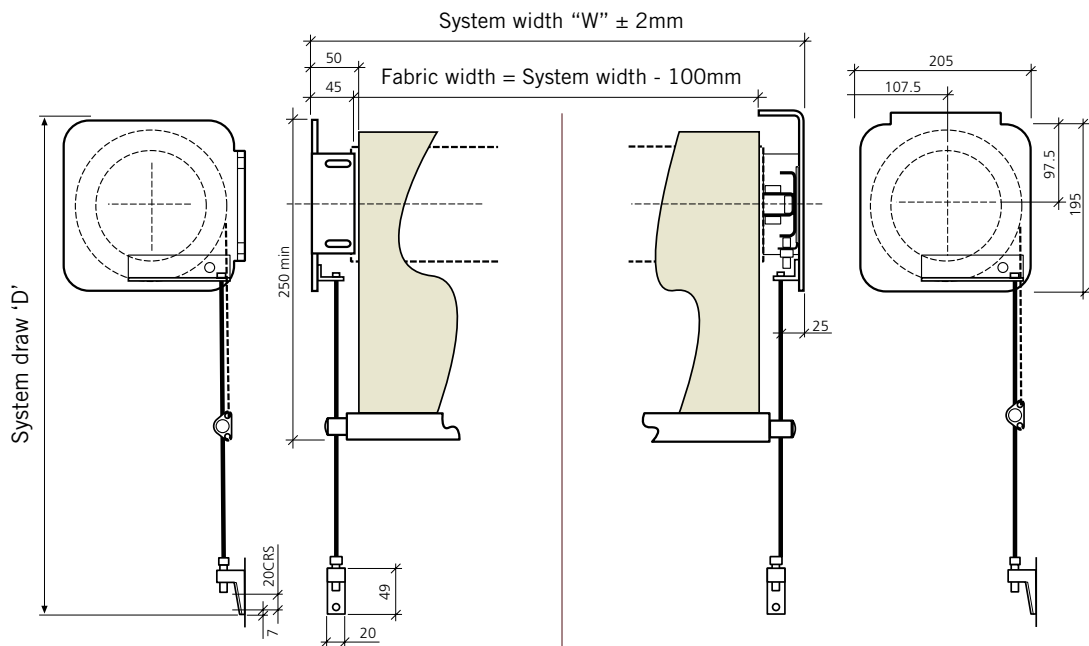
Tess 308 back fix

Tess 308 top fix



Tess 312 back fix

Tess 312 top fix



All dimensions in mm.