

# Tess 420

## Data

### Introduction

The Tess 420 is a tension blind system designed for mounting externally on horizontal, sloping and vertical glazing. It can be used with a range of fabrics suited to external applications and will reduce solar heat gain whilst letting in natural daylight.

### Technical specification

Model	T20338
Maximum width (m)	5
Maximum draw (m)	6
Maximum fabric area (m <sup>2</sup> )	16
Basic weight (kg)	7.5
+ per metre width (kg)	8.8
+ per metre draw (kg)	3
Motor torque (Nm)	15
Motor speed (min <sup>-1</sup> )	17
Motor current at 230V (A)	0.6
Motor cable length (m)	2.5
Temperature range (C°)	-5 to +55
Maximum run time (min)	4
Minimum fabric speed (m/min)	5
Maximum wind speed (m/sec)	11



#### Materials

Hem-bar, side guide, all mounting brackets and relieving roller - polyester powder coated aluminium.

Fabric roller - galvanised steel.

Draw cable - nylon coated stainless steel.

Cable spools - Glass reinforced nylon.

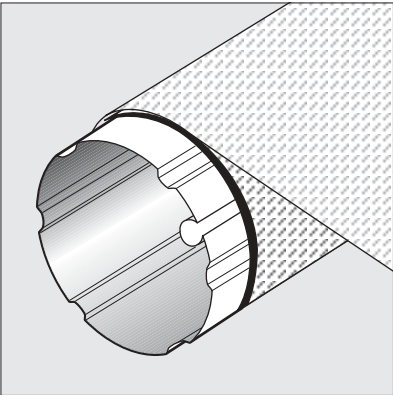
#### Option

Motor with electronic limits particularly for use with acrylic fabrics, limits auto-correct for fabric stretch.

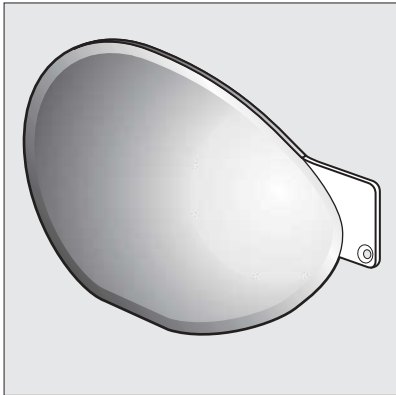


Details

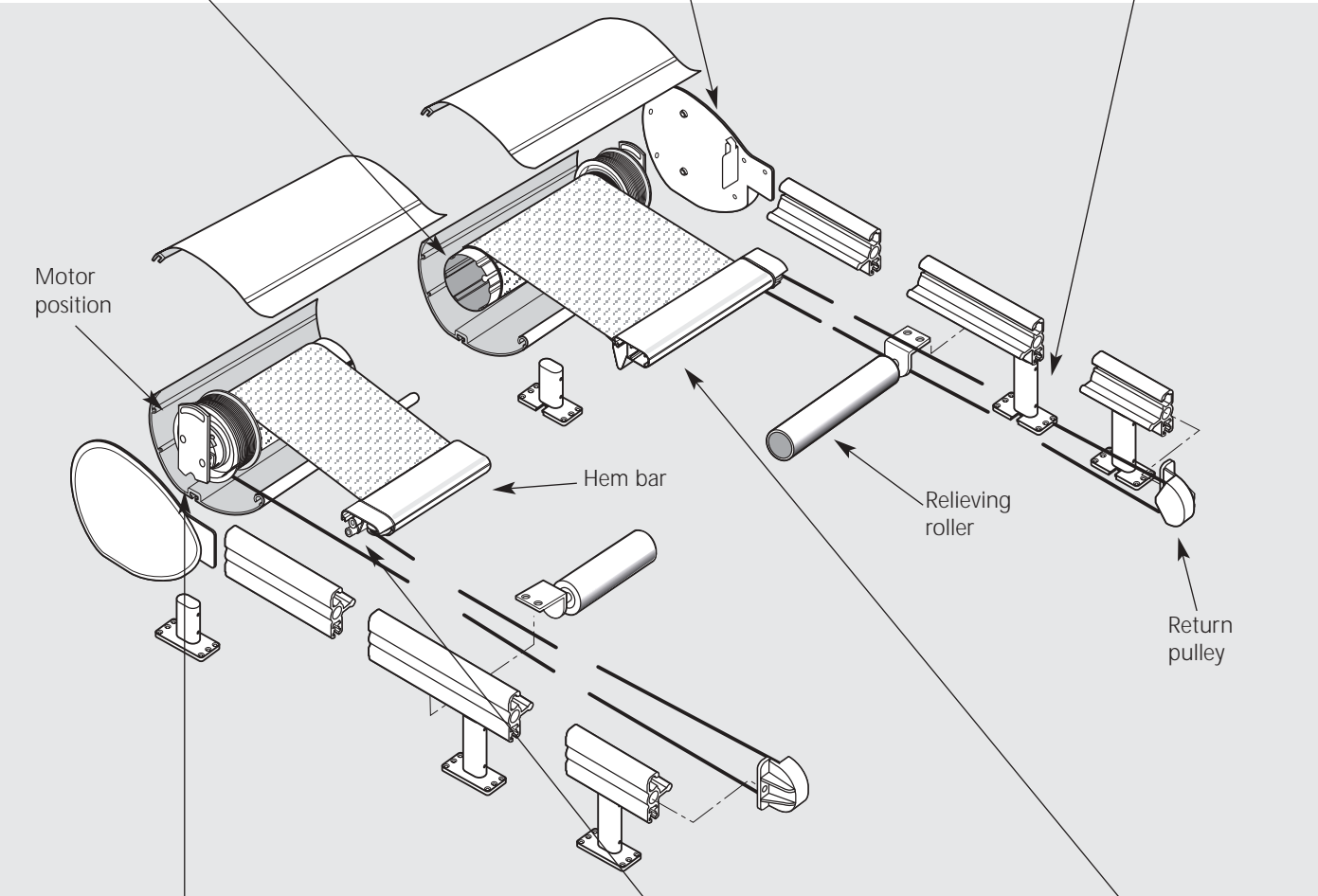
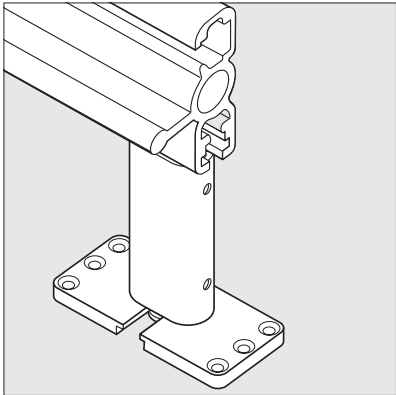
Fabric Roller



Headbox end cap



Guide mounting bracket

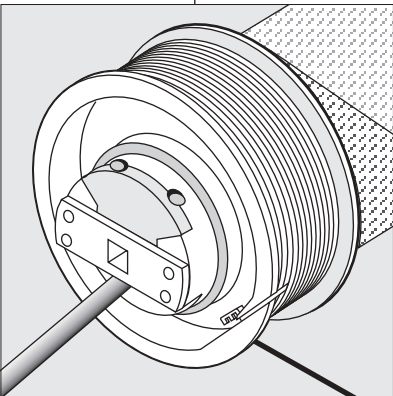


Motor position

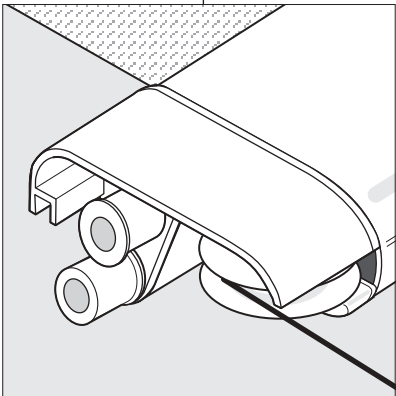
Hem bar

Relieving roller

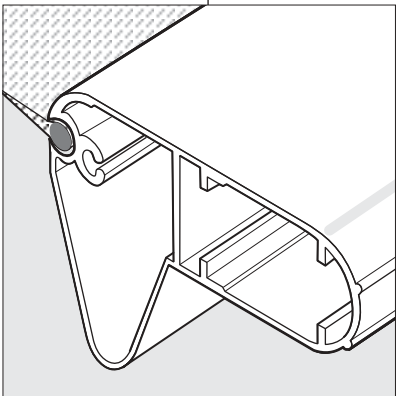
Return pulley



Motor with cable spool (without mounting plate)



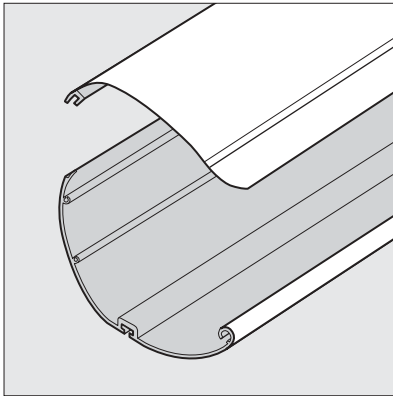
Hem bar end cap



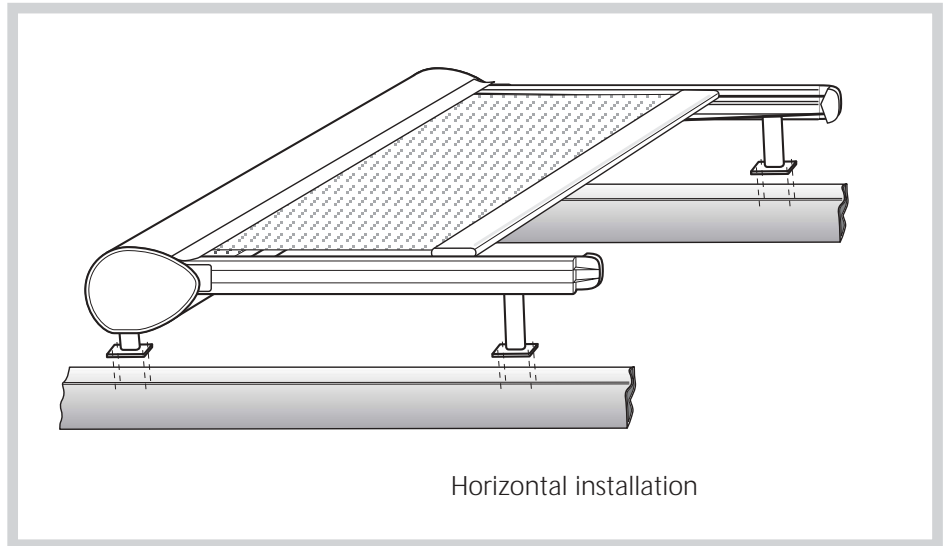
Heavy duty hem bar

## Installation examples

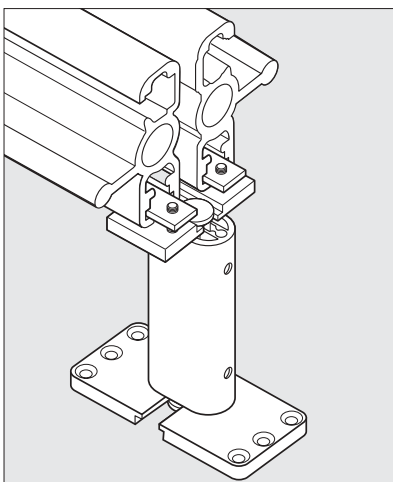
For full installation details see drawings GDP20563 and GDP20609



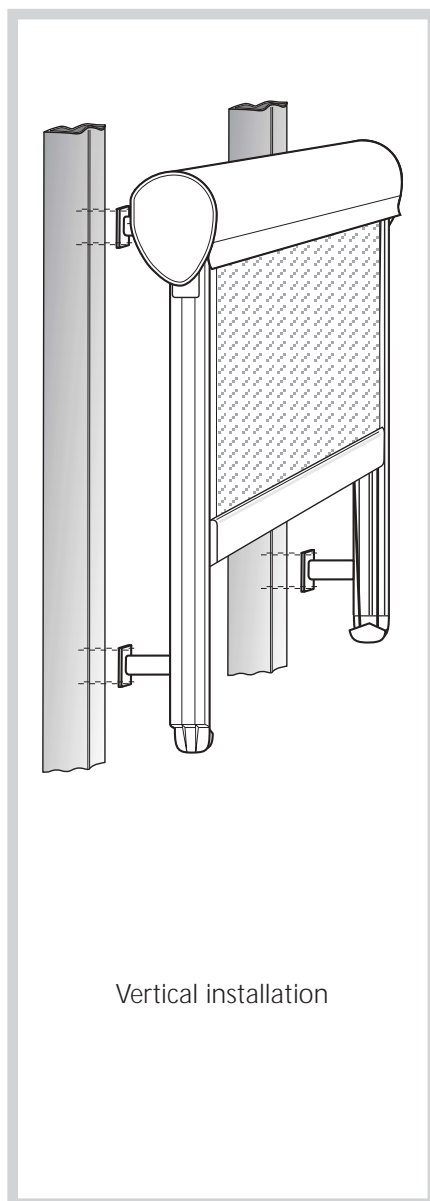
Section through hood



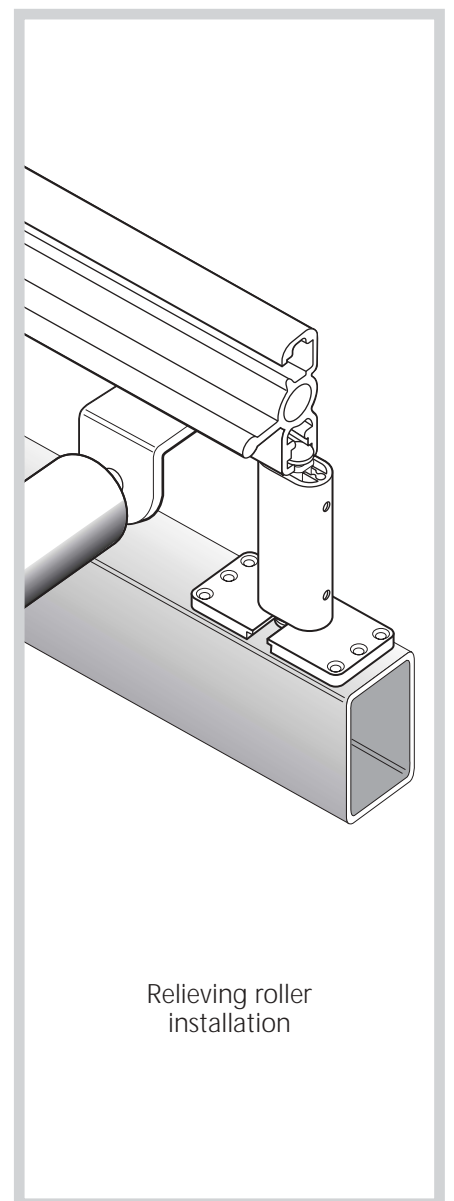
Horizontal installation



Back-to-back mounting

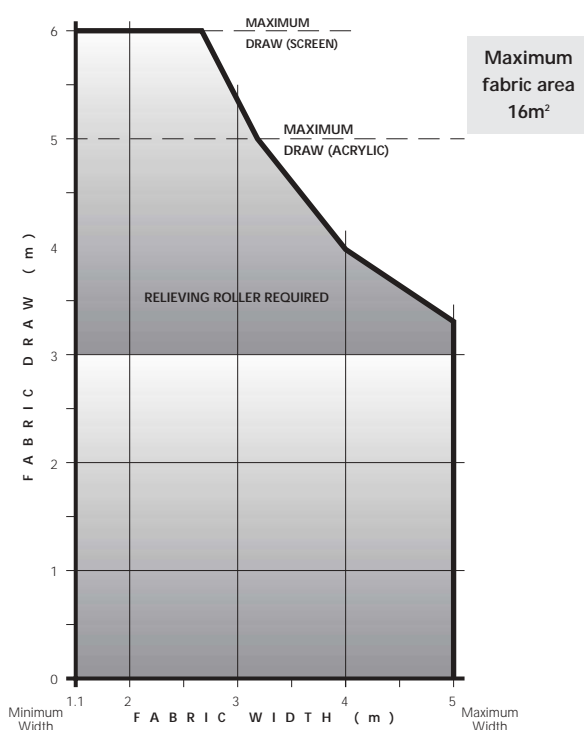
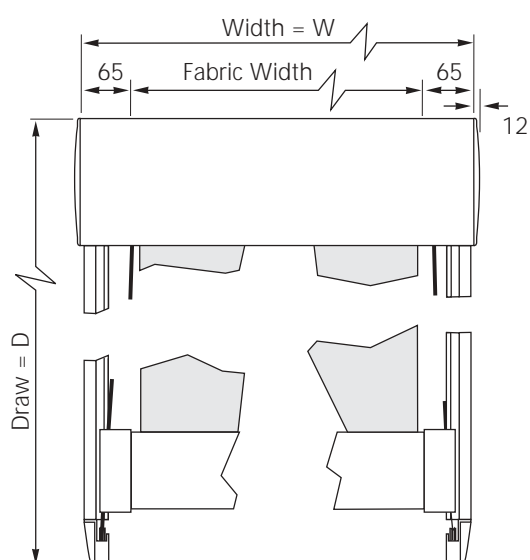
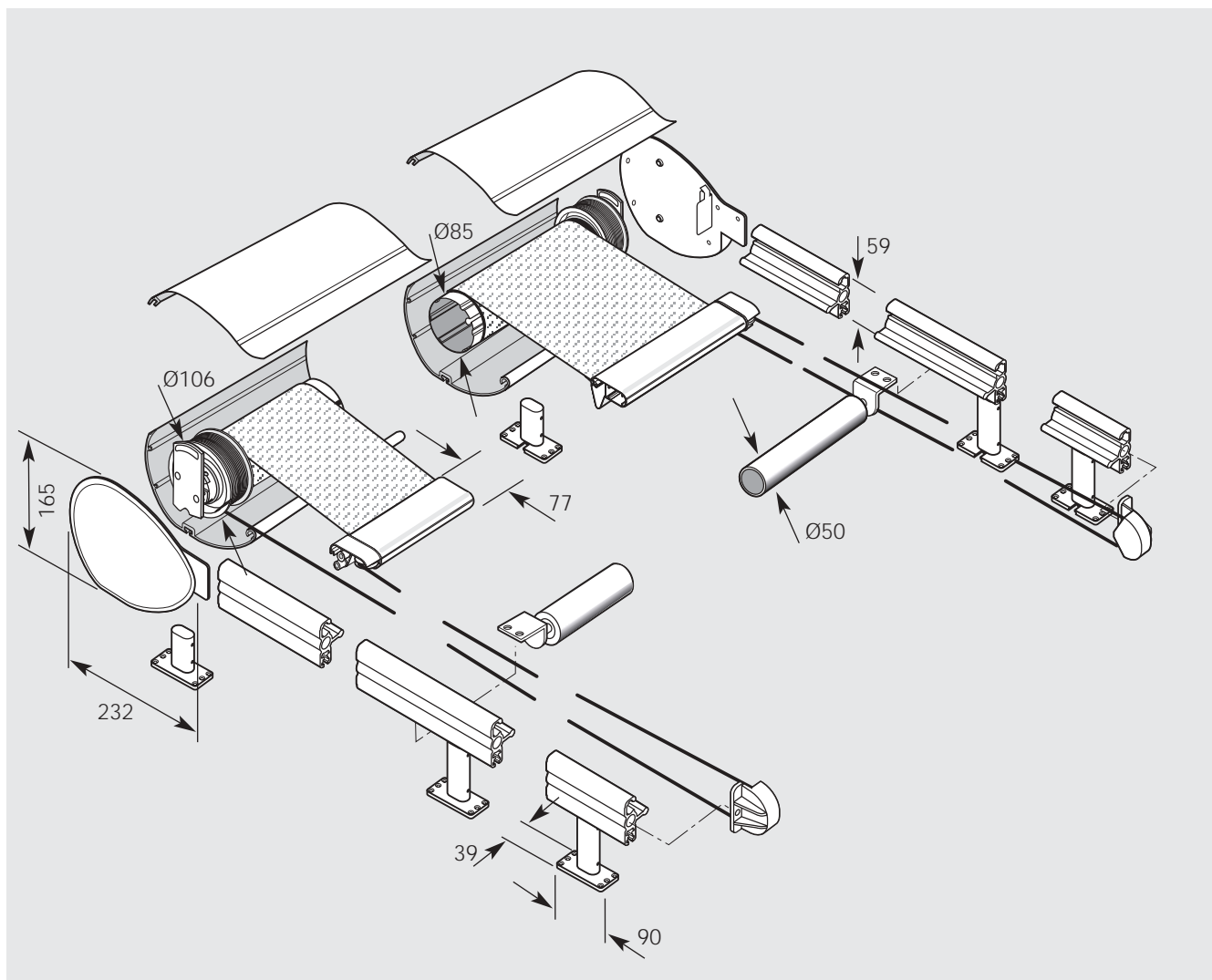


Vertical installation



Relieving roller  
installation

## Dimensions



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