



# DATA SHEET

**new SOLAR®**  
European Patent EP-3184726B1  
a product by Tenda System Italia

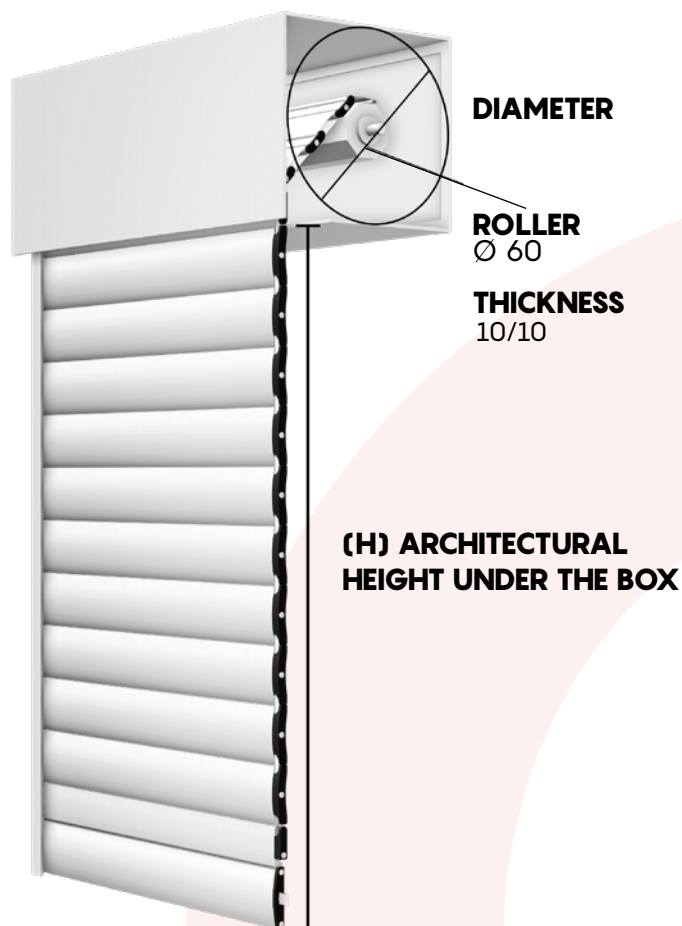
# standard



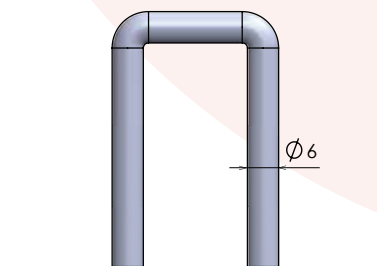
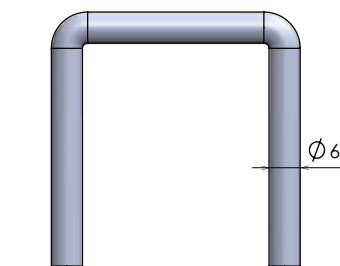
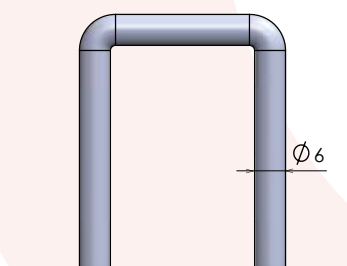
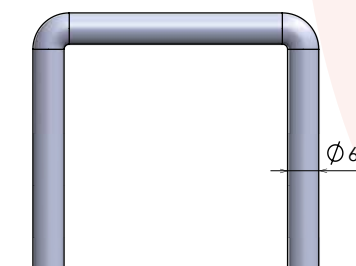
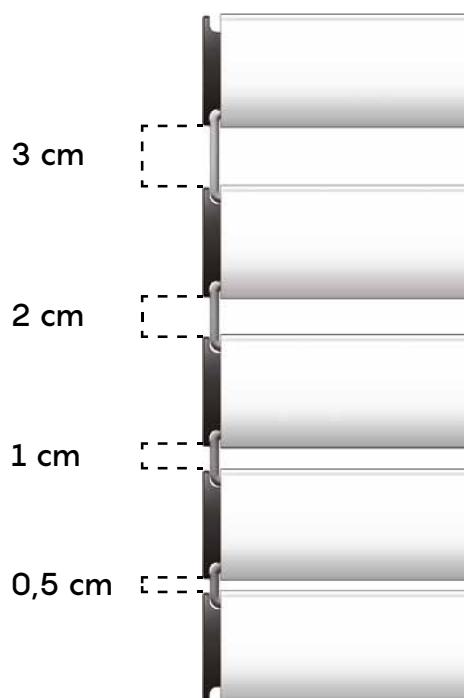
<b>Total weight per square meter</b>	9 kg
<b>Maximum recommended dimensions</b>	250 cm x 300 cm width x height

**PACKAGE CONTENTS:**

- Complete roller shutter curtain
- Anti-lifting safety blocks complete with Ø 70 rings to be positioned at the ends of the new Solar® roller shutter curtain as described in the installation manual
- Safety springs for roller attachment with cover
- Rail brush
- Winding ring to be positioned at the end of the new Solar® roller shutter curtain as per installation manual



**AVAILABLE DISTANCES BETWEEN THE ROLLER SHUTTER CURTAIN SLATS: 4**



The distance between one slat and the other can have a variation of up to 3 mm

For a more customized management of light and shade, standard newsolar® can also be configured with a combination of spacer hooks of different sizes into the same roller shutter curtain.

## OVERALL DIMENSIONS TABLE

SPACER HOOKS 3 cm

UP TO 130 CM  
WIDTH ROLLER  
SHUTTER CURTAIN

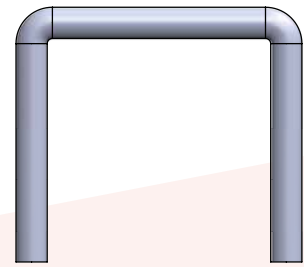
FINISHED HEIGHT	DIAMETER
120	18,8
140	20,1
160	20,3
180	20,8
200	22,2
220	23,2
240	23,8
260	24,2
280	25,4
300	25,7

UP TO 200 CM  
WIDTH ROLLER  
SHUTTER CURTAIN

FINISHED HEIGHT	DIAMETER
120	18,9
140	20,2
160	20,5
180	20,9
200	22,4
220	23,5
240	24,0
260	24,4
280	25,6
300	25,9

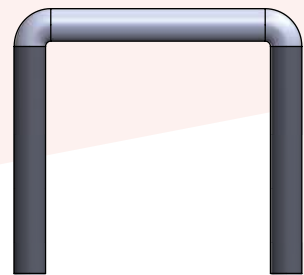
UP TO 250 CM  
WIDTH ROLLER  
SHUTTER CURTAIN

FINISHED HEIGHT	DIAMETER
120	19
140	20,3
160	20,6
180	21,2
200	22,6
220	23,6
240	24,3
260	24,7
280	25,7
300	26,5



regular 3 cm

galvanized steel FE37 cod. **SOL2TSG43A**  
stainless steel cod. **SOL2TSG43I**



silent 3 cm

galvanized steel FE37 cod. **SOL2TSG43AS**  
stainless steel cod. **SOL2TSG43IS**

## OVERALL DIMENSIONS TABLE

SPACER HOOKS 2 cm

UP TO 130 CM  
WIDTH ROLLER  
SHUTTER CURTAIN

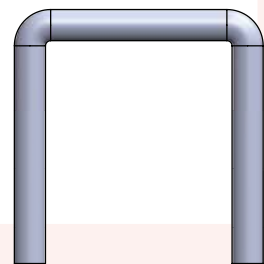
FINISHED HEIGHT	DIAMETER
120	17,5
140	18,7
160	20,3
180	20,5
200	21,7
220	22,2
240	23,5
260	23,9
280	25,2
300	25,7

UP TO 200 CM  
WIDTH ROLLER  
SHUTTER CURTAIN

FINISHED HEIGHT	DIAMETER
120	17,6
140	18,8
160	20,5
180	20,7
200	22,0
220	23,0
240	23,9
260	25,0
280	25,3
300	26,0

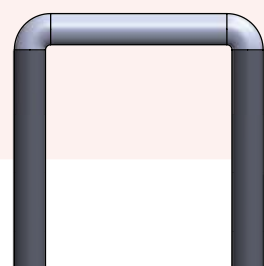
UP TO 250 CM  
WIDTH ROLLER  
SHUTTER CURTAIN

FINISHED HEIGHT	DIAMETER
120	19,2
140	19,8
160	21,7
180	22,0
200	22,2
220	23,5
240	24,4
260	25,1
280	26,7
300	27,0



regular 2 cm

galvanized steel FE37 cod. **SOL2TSG36A**  
stainless steel cod. **SOL2TSG36I**



silent 2 cm

galvanized steel FE37 cod. **SOL2TSG36AS**  
stainless steel cod. **SOL2TSG36IS**

## OVERALL DIMENSIONS TABLE

### UP TO 130 CM WIDTH ROLLER SHUTTER CURTAIN

FINISHED HEIGHT	DIAMETER
120	18,9
140	19,0
160	19,9
180	20,7
200	21,5
220	21,8
240	23,5
260	23,7
280	24,0
300	24,7

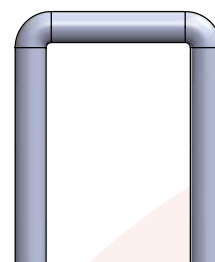
### UP TO 200 CM WIDTH ROLLER SHUTTER CURTAIN

FINISHED HEIGHT	DIAMETER
120	19
140	19,2
160	20,0
180	20,9
200	21,7
220	23,0
240	23,8
260	24,0
280	24,2
300	25,2

## SPACER HOOKS 1 cm

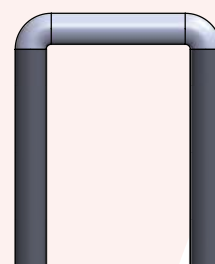
### UP TO 250 CM WIDTH ROLLER SHUTTER CURTAIN

FINISHED HEIGHT	DIAMETER
120	19,5
140	19,7
160	20,8
180	21,0
200	22,2
220	23,5
240	24,2
260	24,6
280	24,7
300	25,4



**regular 1 cm**

galvanized steel FE37 cod. **SOL2TSG28A**  
stainless steel cod. **SOL2TSG28I**



**silent 1 cm**

galvanized steel FE37 cod. **SOL2TSG28AS**  
stainless steel cod. **SOL2TSG28IS**

## OVERALL DIMENSIONS TABLE

### UP TO 130 CM WIDTH ROLLER SHUTTER CURTAIN

FINISHED HEIGHT	DIAMETER
120	17,4
140	18,8
160	19,4
180	20,4
200	21,0
220	21,5
240	23,0
260	23,5
280	24,0
300	24,5

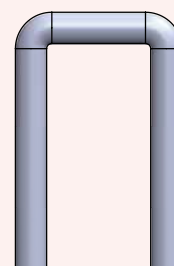
### UP TO 200 CM WIDTH ROLLER SHUTTER CURTAIN

FINISHED HEIGHT	DIAMETER
120	17,5
140	19,0
160	19,6
180	20,6
200	21,4
220	21,8
240	23,4
260	24,0
280	24,2
300	24,9

## SPACER HOOKS 0,5 cm

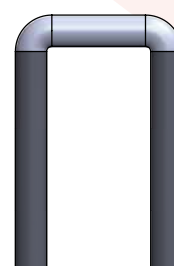
### UP TO 250 CM WIDTH ROLLER SHUTTER CURTAIN

FINISHED HEIGHT	DIAMETER
120	17,6
140	19,2
160	20,4
180	20,8
200	22,5
220	23,0
240	23,6
260	25,0
280	25,5
300	26,0



**regular 0,5 cm**

galvanized steel FE37 cod. **SOL2TSG20A**  
stainless steel cod. **SOL2TSG20I**

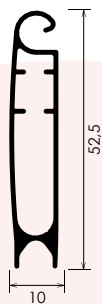


**silent 0,5 cm**

galvanized steel FE37 cod. **SOL2TSG20AS**  
stainless steel cod. **SOL2TSG20IS**

## EXTRUDED ALUMINUM PROFILES

STANDARD  
HOOK SLAT



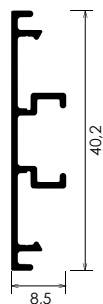
cod. **SOL2TSFAS**

STANDARD  
SLAT



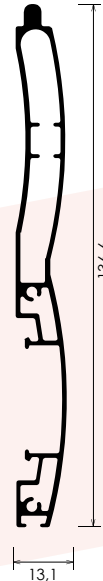
cod. **SOL2TSFS**

FINAL COVER



cod. **SOL2TSFCT**

FINAL ELEMENT



cod. **SOL2TSFTN**

ROLLER  
ATTACHMENT  
BAND



cod. **SOL2TSFAR**

INTERMEDIATE  
SLAT FOR  
ROLLER  
HOOKING



cod. **SOL2TSFIAR**

## CAPS



SMALL CAP

cod. **SOL21TP**



BIG CAP

cod. **SOL2TSTG**



FINAL CAP (PAIR)

cod. **SOL2TSTT**



HALF SLAT CAP

cod. **SOL2TSTMF**

## CLOSURES

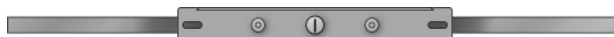


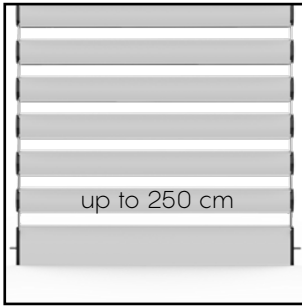
INTERMEDIATE  
CLOSURE BOLT

cod. **SOL2TSCI**

FINAL  
CLOSURE LOCK

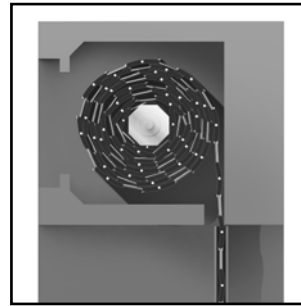
cod. **SOL2TSST**





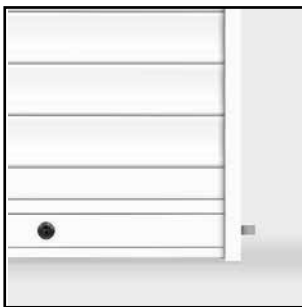
## MAXIMUM DIMENSIONS

This new Solar<sup>®</sup> model is available with a maximum width of 250 cm per single roller shutter curtain.



## REDUCED FOOTPRINT

despite being a rolling shutter with detachable slats-profiles, newsolar<sup>®</sup> can be allocated in the most popular boxes on the market.



## LOCK ON TERMINAL SLAT

This new Solar<sup>®</sup> can be locked or bolted to the end slat.



## INTERMEDIATE CLOSURES

In this new Solar<sup>®</sup> model you can also mount some bolts on the intermediate slats, at the desired height.



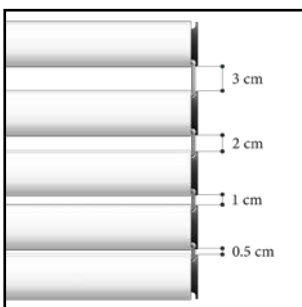
## REGULAR SYSTEM

Patented feature that turns the new Solar<sup>®</sup> into a sunscreen.



## SILENT SYSTEM

Patented feature that allows the new Solar<sup>®</sup> to have maximum silence during opening and closing operations.



## 4 DISTANCES

Maximum configuration. The roller shutter curtain of this new Solar<sup>®</sup> can be ordered with 4 different spacer sizes: 3 cm, 2 cm, 1 cm, 0.5 cm, also in different combinations. Configuration to be communicated upon ordering.

## HOW TO TAKE MEASUREMENTS

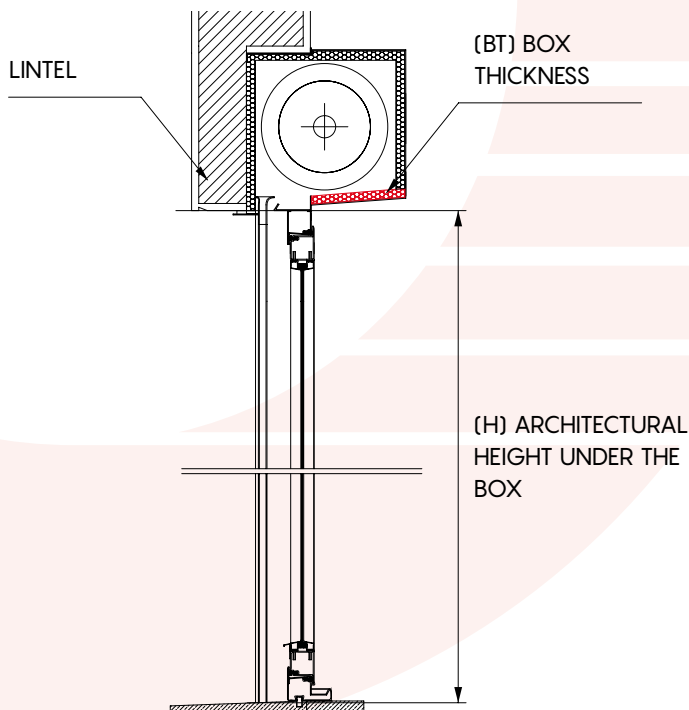
**ROLLER SHUTTER CURTAIN WIDTH:** measure the width by referring to the inside of the rails and report the measurement after subtraction of -7 mm.

**EXAMPLE:** in case of real dimension 92,7 cm, you need to communicate 92 cm at the order placement



**ROLLER SHUTTER CURTAIN HEIGHT:** measure the height referring to the ARCHITECTURAL LIGHT and report the measurement after addition of +10 cm.

**EXAMPLE:** in case of exact dimension 210 cm, you need to communicate 220 cm at the order placement  
For BT > 5 cm add 1 cm to the finished dimension for each additional cm



To calculate the finished height, add 10 cm up to a BT of 5 cm ( $H + 10$  cm) to the dimension of the architectural height under the box H.

For box thickness BT over 5 cm, add 1 cm to the final dimension for each additional cm.

E.g.: box thickness BT 6 cm =  $H + 11$  cm

E.g.: box thickness BT 8 cm =  $H + 13$  cm

Example:

H = 210 cm dimension to be communicated 220 cm

Example:

BT 6 cm dimension to be communicated 221 cm

Example:

BT 7 cm dimension to be communicated 222 cm

### WARNING

At the order placement it is necessary to communicate only final dimensions:

inner rail WIDTH -7mm

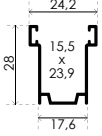
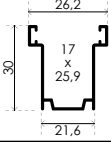
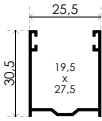
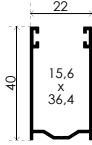
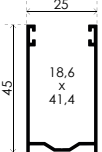
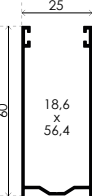
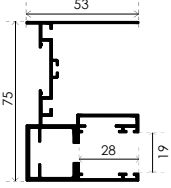
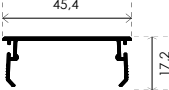
light HEIGHT + 10 cm if BT > 5 cm then add 1 cm to the final dimension for each additional cm

## OPTIONS FOR CURTAIN CLOSING

	lock
	final bolt
	intermediate bolt

## COMPATIBLE RAILS

The rails have always the same height as the final dimension of the roller shutter curtain

	<p><b>GATS 001N</b> Required brush: up to width 100 cm bristle height 0,5 over 100 cm bristle height 0,7</p>
	<p><b>GATS 002N</b> Required brush: up to width 100 cm bristle height 0,7 over 100 cm bristle height 0,9</p>
	<p><b>GATS 004N</b> Required brush: up to width 100 cm bristle height 0,7 over 100 cm bristle height 0,9</p>
	<p><b>GATS 006N</b> Required brush: up to width 100 cm bristle height 0,5 over 100 cm bristle height 0,7</p>
	<p><b>GATS 007N</b> Required brush: up to width 100 cm bristle height 0,7 over 100 cm bristle height 0,9</p>
	<p><b>GATS 008N</b> Required brush: up to width 100 cm bristle height 0,7 over 100 cm bristle height 0,9</p>
	<p><b>RAIL 75 EQUIPPED WITH ENTRY</b> Required brush: bristle height 0,7 mm</p>
	<b>CARTER</b>

**WARNING:** for regular operation of the **newSolar**® it is necessary to use only the brush supplied with the configured and ordered rail, which is included in the package already cut at the required dimension.