



# sun louvres

*By Louvretec*



## 300 MAXI DRIVE SUN LOUVRES

Gallery and Overview  
300mm Maxi Louvre



10.3.02 - 10.3.03  
10.3.04 - 10.3.07

## SUN LOUVRES 300 MAXI DRIVE GALLERY



1. 300MM MAXI LOUVRE VERTICAL PANEL 2. 300MM MAXI LOUVRE BLADES MOTORISED CLOSED 3. 300MM MAXI LOUVRES MOTORISED OPEN  
4. 300MM MAXI LOUVRES MOTORISED CLOSED 5. 300 MAXI LOUVRE MOTORISED

## SUN LOUVRES MAXI-DRIVE PIVOT SYSTEM MOTORISED PANEL 300MM MAXI LOUVRE



### 300MM MAXI LOUVRE

#### Elliptical shape

The 300mm Maxi Louvre is available in a motorised option using Louvretec's Maxi-Drive Pivot System.

This pivot system hides both the motor and pivot mechanism within a structural aluminium support frame.

Powered by Somfy, Maxi-Drive incorporates both a reduction gearbox and supporting drive arm, providing strength needed for pivoting large blade louvres. Ideal for both residential and commercial applications.

The 300mm Maxi Louvre is also available End Fixed or Bracket fixed, horizontal or vertical.

Please note, our RL300 and RL450 Louvres are also compatible with the Maxi Drive system. Please contact your local Louvretec Dealer for more information. We are focused on meeting your needs with tailored solutions.



300MM MAXI DRIVE LOUVRE BLADE, FIXED.  
TIMBER LOOK POWDERCOAT



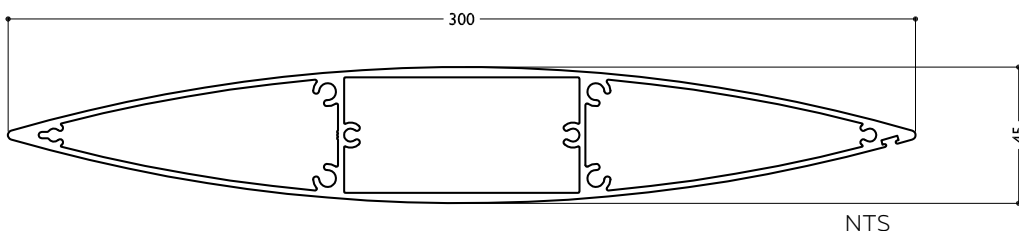
VERTICAL SUN LOUVRES FITTED INTO A FRAME



MOTORISED LOUVRE BLADES

### 300MM MAXI LOUVRE

#### Elliptical shape



REFER TECHNICAL DETAILS PAGE 10.3.04

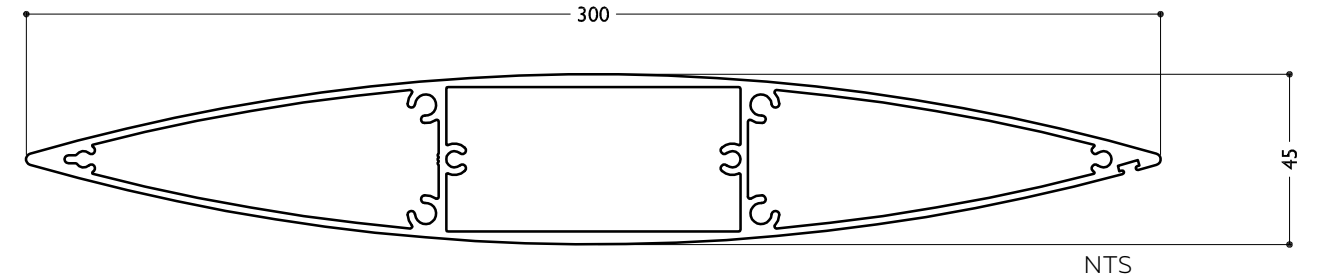


300MM MAXI LOUVRE

SUN LOUVRES MAXI DRIVE



BLADE SPECIFICATIONS 300 MAXI LOUVRE



BLADE SPECIFICATIONS			
Blade cover - opening system	288 mm	Weight per linear metre - opening system	5.66 kg/lm
Weight per square metre - opening system	19.64 kg/sqm	Actual blade width	300 mm
Blade centres - opening system	288 mm		

SPANS AT A GLANCE

Refer Engineering Section. Climate, terrain, shielding, location, type of structure contribute to determine spans.

WIND ZONE	INSIDE	LOW	MEDIUM	HIGH	VERY HIGH	EXTRA HIGH
Factored wind speed at building	Self wt	32 m/s 115 km/hr	37m/s 133 km/hr	44 m/s 158 km/hr	50 m/s 179 km/hr	55 m/s 198 km/hr
Adjustable & Fixed, Horizontal & Vertical	4800	4800	4800	4200	3700	3350

INSTALLATION OPTIONS



MAXI DRIVE SYSTEM: CALCULATE OPTIMUM FRAME OPENING SIZES

Width: Check engineering limits

Height: Calculation example showing 17 blades

STEP 1

16 blades x 288	4608
1 blade at 300	300
17 blades	=4908

STEP 2

Blade cover	4908
+ top and bottom closing angles allow for	
5mm + 5mm	10
Total exact opening height	=4918*

\*This is inside measure - not outer frame size



MOTORISED 300 MAXI LOUVRE



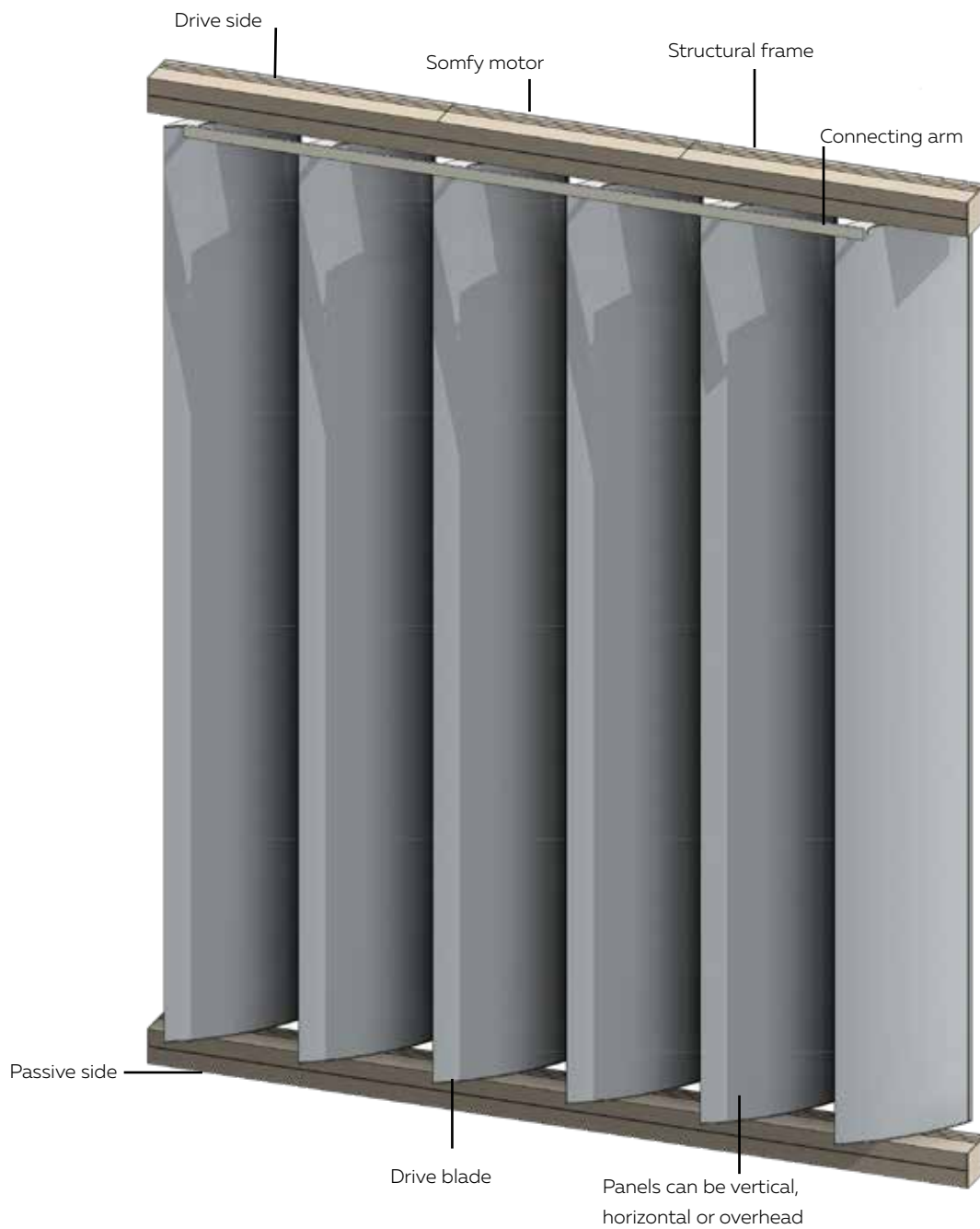
HAND OPERABLE 300 MAXI LOUVRE





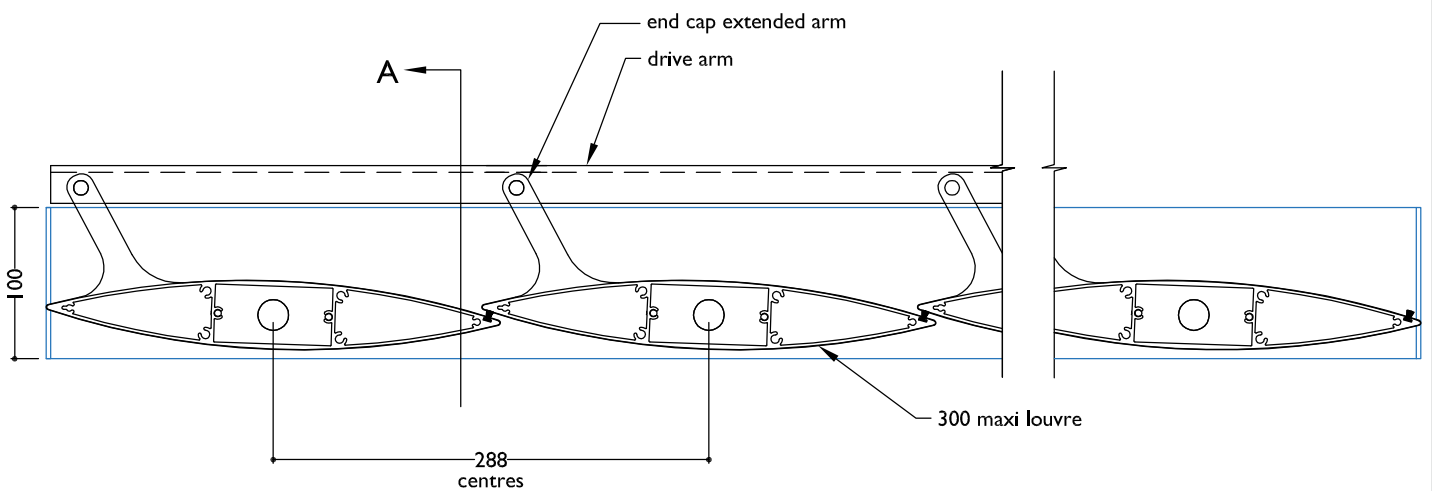
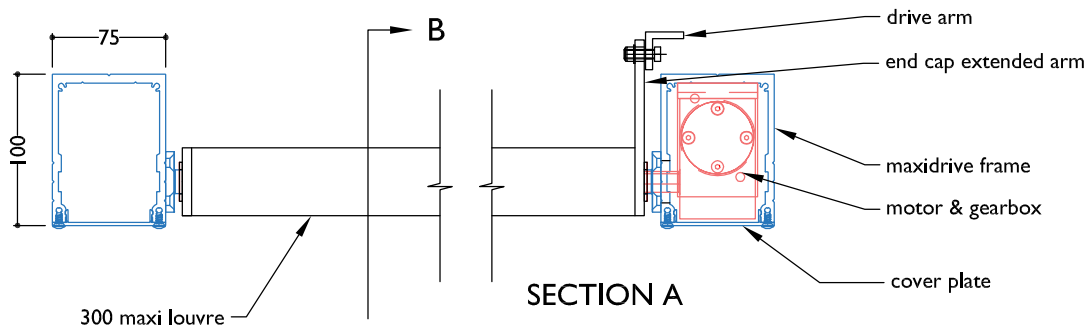
## TECHNICAL DETAILS 300MM MAXI DRIVE PIVOT SYSTEM

### TYPICAL DETAIL 300MM MAXI DRIVE - VERTICAL MOTORISED PANEL



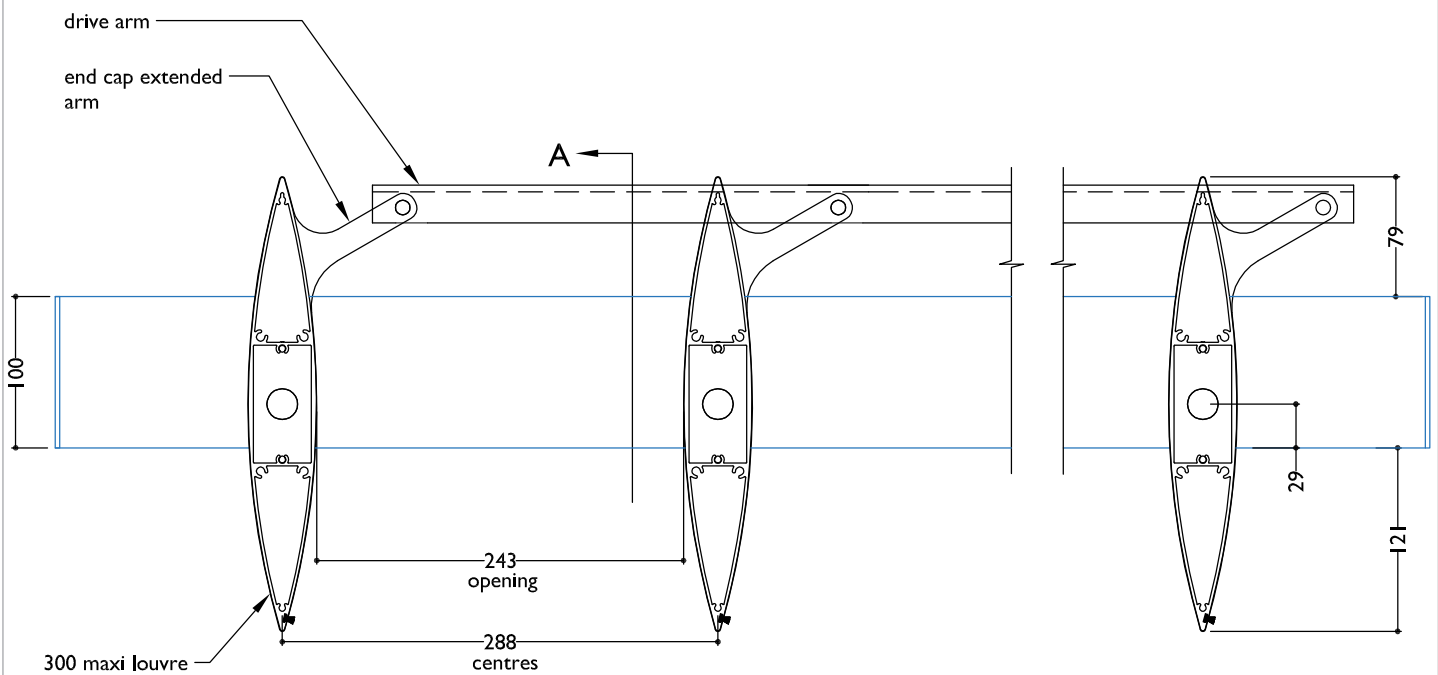
**TYPICAL DETAIL: MAXI DRIVE LOUVRES**  
**300MM MAXI DRIVE - MOTORISED**

SECTION - LOUVRES CLOSED



SECTION B - LOUVRES CLOSED

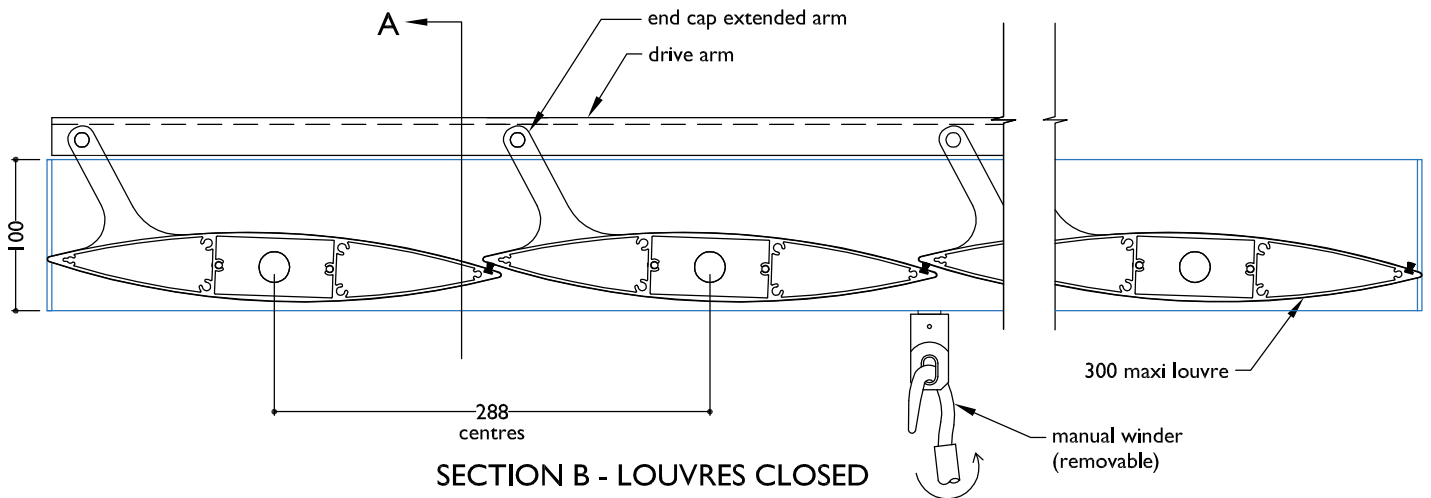
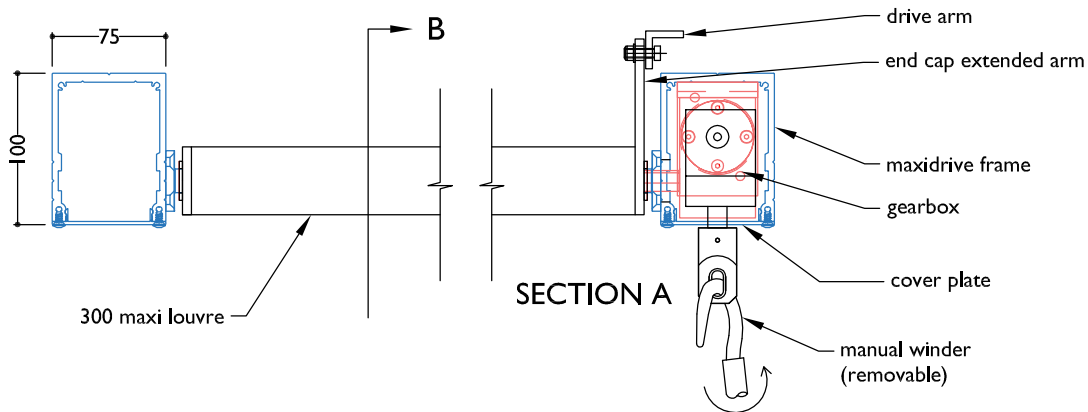
SECTION - LOUVRES OPEN



SECTION B - LOUVRES OPEN

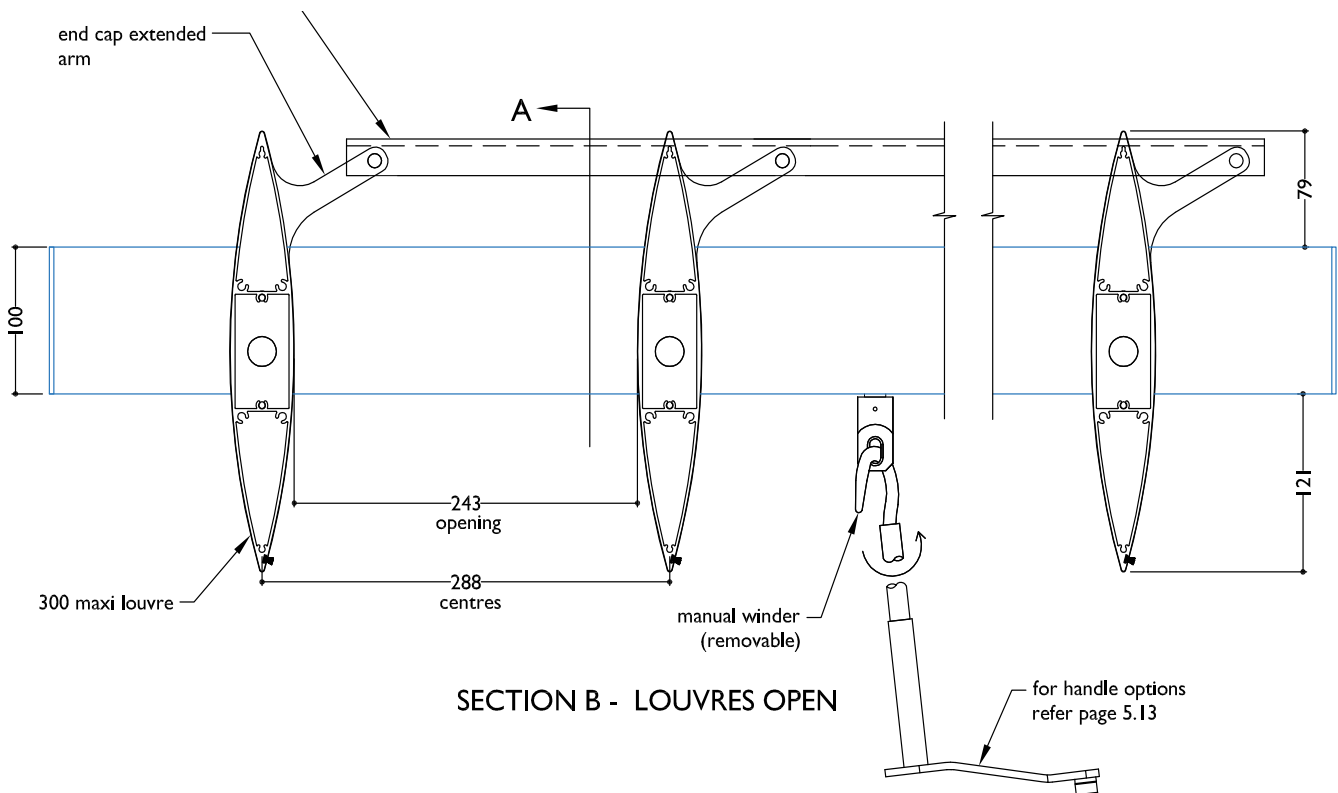
**TYPICAL DETAIL: MAXI DRIVE LOUVRES  
300MM MAXI DRIVE - HAND OPERABLE**

**SECTION - LOUVRES CLOSED**



**SECTION B - LOUVRES CLOSED**

**SECTION - LOUVRES OPEN**



**SECTION B - LOUVRES OPEN**

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