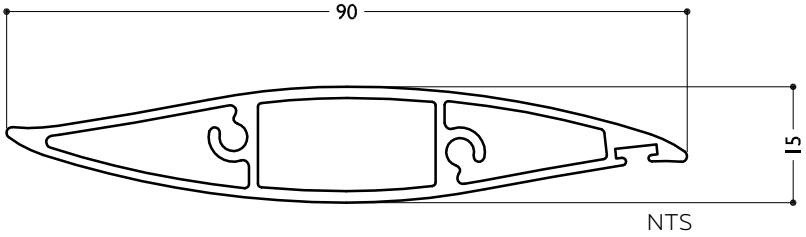
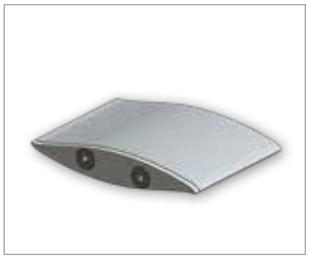
HAND OPERABLE KISS PIVOT LOUVRES

Compatible Louvres: 90 Airfoil, 150 Midi

90MM MIDI LOUVRE

Small to medium size





90MM AIRFOIL LOUVRE

The 90mm Midi Louvre is similar to the 'wave' shape of the 150mm blade & is a perfect mix of compact width with good spans. This blade can be hand operated using the KISS Pivot system. The blades can be locked closed or in a number of opening positions. A woolpile closing insert ensures a snug fit when closed.

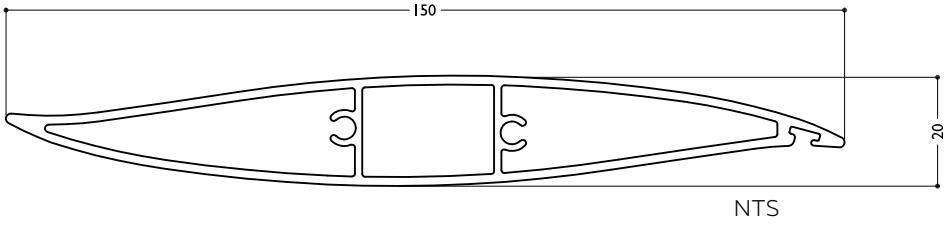
The 90mm Midi Louvre is well suited fixed within an opening or within sliding, bi-folding or hinged doors.

Also available end and bracket fixed.

REFER TECHNICAL DETAILS PAGE 10.1.06

150MM MIDI LOUVRE

Wave shaped blade



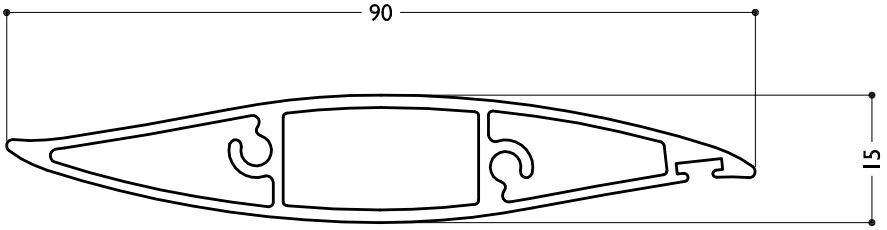
150MM AIRFOIL LOUVRE

The 150mm Midi is the largest of the 'wave' shape group of louvres.

The wider blade spans well and is ideal for closing off decks and verandah spaces. This versatile louvre is available in both Spiral (motorised and hand operable) and KISS (hand adjustable) Pivot systems. KISS Pivot louvres are hand operated and can be locked closed in various opened positions.

A woolpile closing insert ensures a snug fit when closed. This blade is well suited fixed within an opening or within sliding, bifolding or hinged doors. Also available end and bracket fixed.

REFER TECHNICAL DETAILS PAGE 10.1.07



BLADE SPECIFICATIONS			
Blade cover - opening system	80 mm	Weight per linear metre - opening system	0.75 kg/lm
Weight per square metre - opening system	9.38 kg/sqm	Actual blade width	90 mm
Blade centres - opening system	80 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	2350	2000	1850	1600	1500	140

INSTALLATION OPTIONS

CALCULATE OPTIMUM FRAME OPENING SIZES FOR KISS PIVOT

Width: Check engineering limits

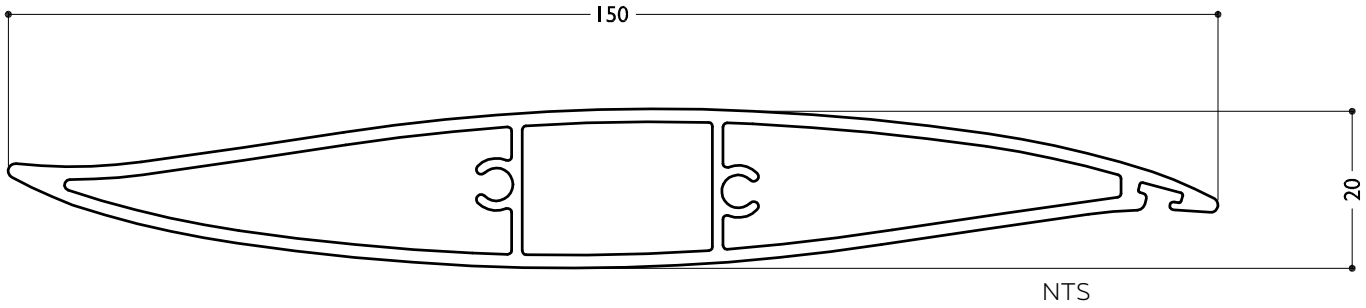
Height: Calculation example showing 17 blades

STEP 1	
16 blades x 80	1280
1 blade at 90	+90
17 blades	=1370
STEP 2	
Blade cover	1370
+ top and bottom closing angles allow for	
16mm + 16mm	32
Total exact opening height=	1402*

*This is inside measure - not outer frame size

KISS PIVOT SYSTEM - 90MM MIDI LOUVRE PANEL

BLADE SPECIFICATIONS **150MM MIDI LOUVRE**



BLADE SPECIFICATIONS			
Blade cover - opening system	138 mm	Weight per linear metre - opening system	1.47 kg/lm
Weight per square metre - opening system	10.7 kg/sqm	Actual blade width	150 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	2900	2750	2500	2200	2000	1900

INSTALLATION OPTIONS

CALCULATE OPTIMUM FRAME OPENING SIZES FOR KISS PIVOT

Width: Check engineering limits

Height: Calculation example showing 17 blades

STEP 1

16 blades x 138	2208
1 blade at 150	+ 150
17 blades	= 2358

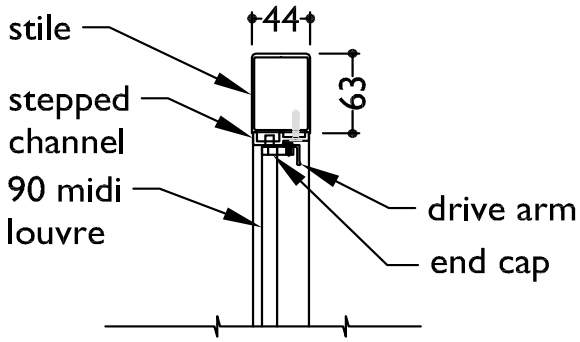
STEP 2

Blade cover	2358
+ top and bottom closing angles allow for 21mm + 21mm	+ 42
Total exact opening height =	2400*

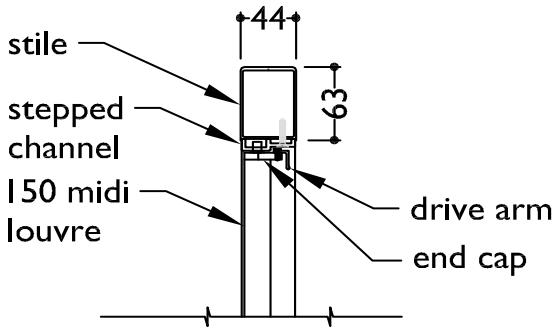
*This is inside measure - not outer frame size

KISS PIVOT SYSTEM - 150MM MIDI LOUVRE PANEL

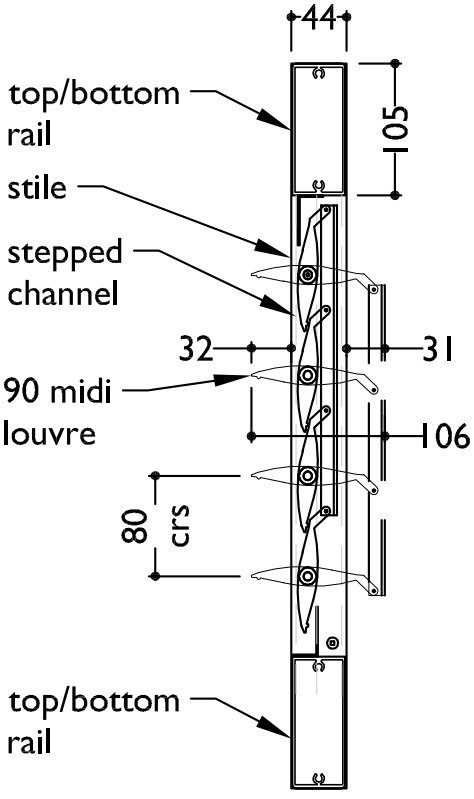
90MM KISS PIVOT FITTING INTO DOOR FRAME



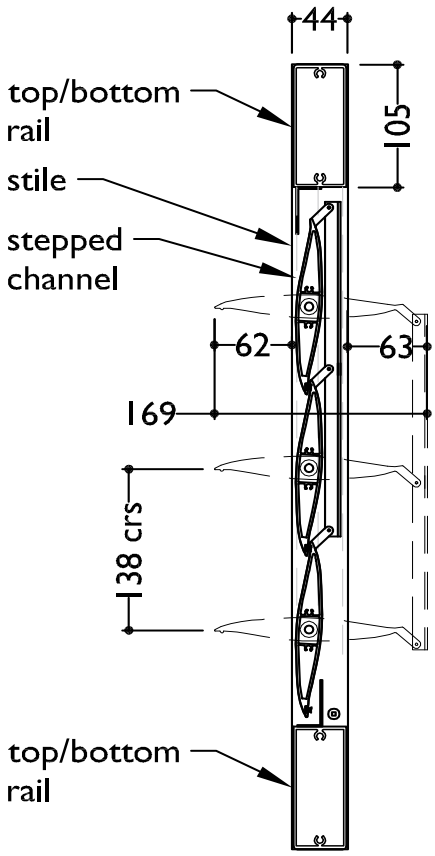
150MM KISS PIVOT FITTING INTO DOOR FRAME



CROSS SECTION - DOOR PANEL SIDE ELEVATION



CROSS SECTION - DOOR PANEL SIDE ELEVATION



FILE: SUN LOUVRES Kiss Pivot 10.1.08 DATE MODIFIED: 01/06/2024 SCALE:
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