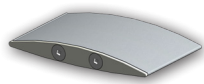
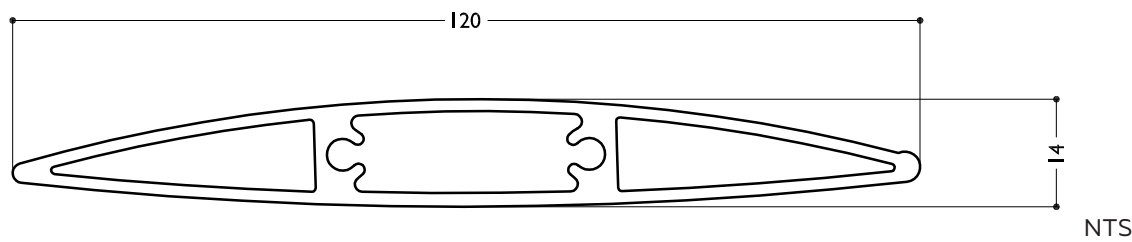


SUN LOUVRES SPIRAL PIVOT



BLADE SPECIFICATIONS 120MM AIRFOIL LOUVRE



BLADE SPECIFICATIONS			
Blade cover - opening system	115 mm	Weight per linear metre - opening system	1.3 kg/lm
Weight per square metre - opening system	11.3 kg/sqm	Actual blade width	120 mm
Blade centres - opening system	115 mm		

SPANS AT A GLANCE NB:

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
Ultimate limit state loads (kPa)		+0.92 & -1.15	+1.23 & -1.53	+1.74 & -2.17	+2.24 & -2.80	+2.71 & -3.39
Adjustable & Fixed Horizontal & Vertical	2400	2300	2100	1850	1700	1600

INSTALLATION OPTIONS



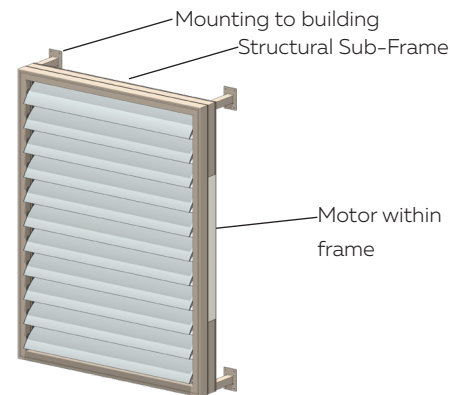
SPIRAL PIVOT SYSTEM: CALCULATE OPTIMUM FRAME OPENING SIZES

Width: Check engineering limits
Height: Calculation example showing 17 blades

STEP 1	
16 blades x 115	1840
1 blade at 120	120
17 blades	=1960

STEP 2	
Blade cover	1960
+ top and bottom closing angles allow for	
5mm + 5mm	10
Total exact opening height	=1970

*This is inside measure - not outer frame size



ELAM STREET STRUCTURAL FRAME
VERTICAL PANEL - HORIZONTAL BLADES