



Folding Arm Awnings

Swedish design for
Australian conditions



Sirocco
& Cabrera





Turnils represents the very best of European engineering and Swedish design for window covering systems and componentry.

The Turnils external product range includes an array of world-class folding arm awning technologies designed to suit any outdoor space.

Folding Arm Awnings by Turnils are European engineered, manufactured and designed and built to the highest standards.

All Turnils Folding Arm Awnings feature Dyneema® tape over the elbow and shoulder joints in the arms for superior strength, durability, lighter weight and resistance to moisture and UV. Dyneema is a lightweight yet highly durable material, ideally suited to use in Folding Arm Awnings.

Turnils folding arm awnings offer sleek, contemporary style and finish in three standard hardware colours: White, Silver, Black.

Sirocco

The Sirocco series of Folding Arm Awnings consists of six models. These are designed to provide a comprehensive range of contemporary external shade solutions, for the best in outdoor living leisure.

Based on a clever Swedish modular design, the Sirocco range of folding arm awnings features multiple options and a variety of functions. The range offers superior strength, versatility and durability.

Sirocco folding arm awnings feature easy operation, with a choice of external operation [by manually-operated gear or motorisation] or internal [motorised] operation. Sun and wind sensor automation are also available. The awnings are designed for easy installation directly on to the wall or under the eaves, plus flexible roof brackets are also available.

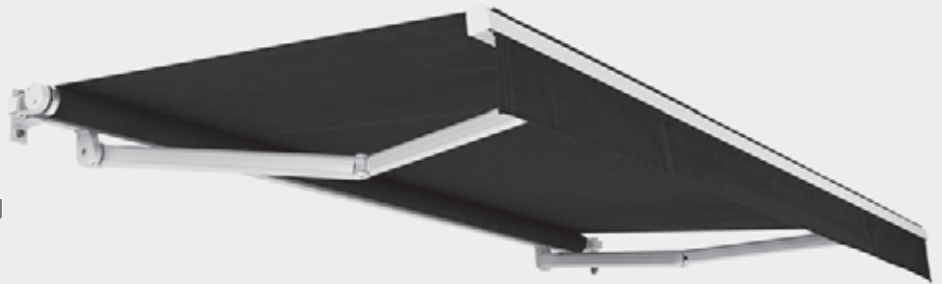




Sirocco offers a choice of six different models of folding arm awning, designed to suit any outdoor space.

FA22 Piccolo

The FA22 Piccolo is a compact, open-style, entry-level model folding arm awning that offers great value.



FA42 Classic

The FA42 is a classic folding arm awning, with all components engineered and manufactured in Sweden.

FA44 Design

The FA44 Design model boasts sleek European style and designer finishes, with pressure die casted end brackets.



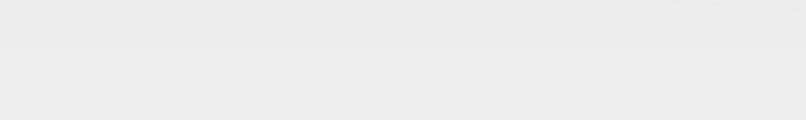
FA45 Cross-Over

The FA45 Cross-Over features clever cross-over arms that enable a larger projection on a narrower width awning, making it the ideal solution for narrow spaces.



FA46 Fabric-Beam

The FA46 Fabric-Beam model features a support beam that lifts the fabric to create an awning with good clearance under the inner part of the arm, which allows space for opening doors.



FA48 Semi-Cassette

The stylish FA48 Semi-Cassette features a compact semi cassette design for superior fabric protection and a sleek, streamlined finish.





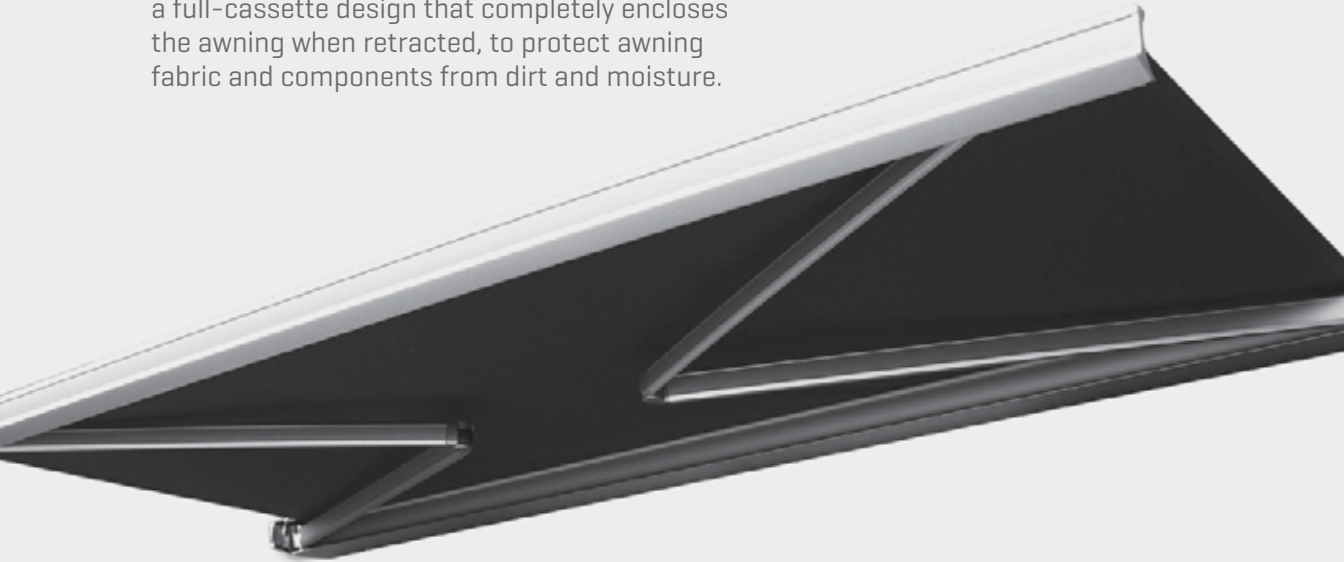
Cabrera

Cabrera and Cabrera XL Folding Arm Awnings are heavy-duty, full cassette awnings that offer extra fabric and hardware protection. The Cabrera range of awnings offers exceptional durability and aesthetics for residential and commercial properties.



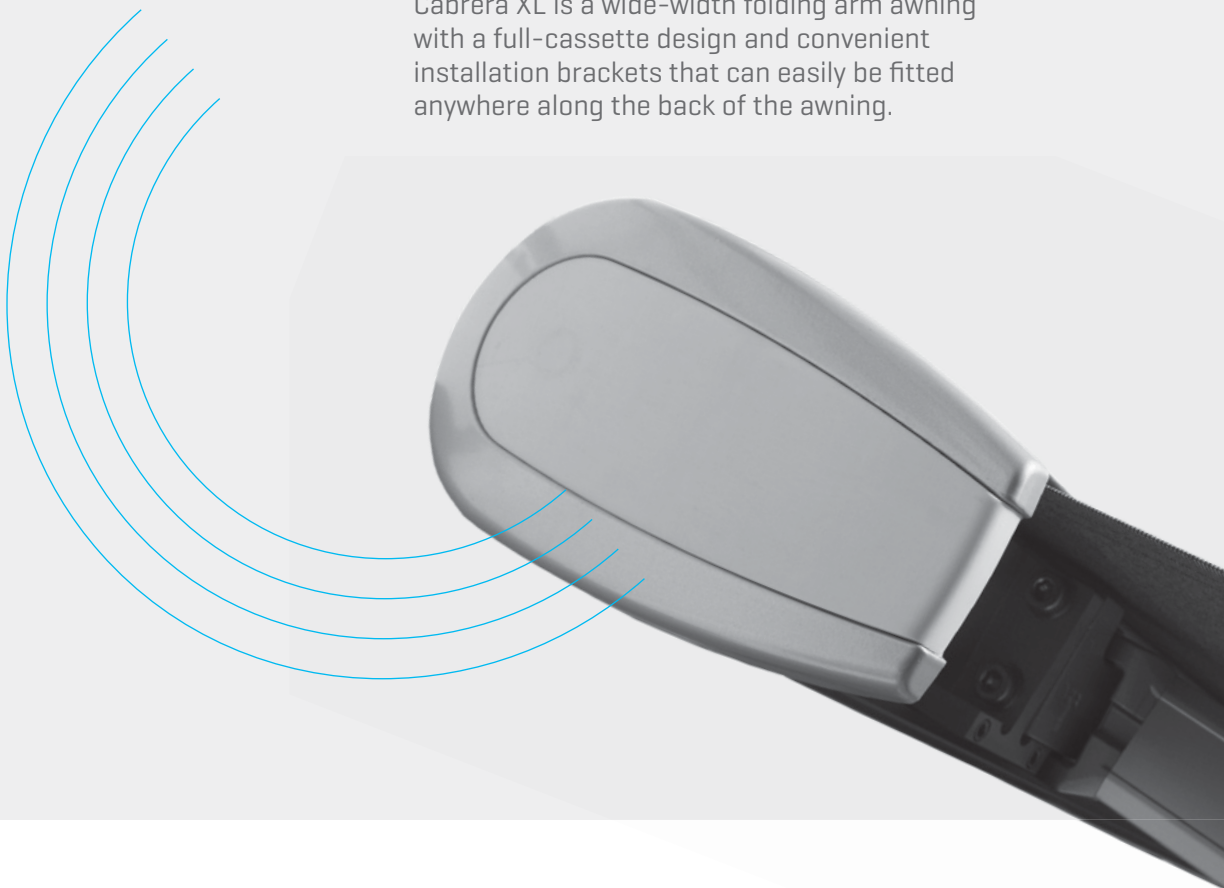
Cabrera

Cabrera is a premium folding arm awning with a full-cassette design that completely encloses the awning when retracted, to protect awning fabric and components from dirt and moisture.




Cabrera XL

Cabrera XL is a wide-width folding arm awning with a full-cassette design and convenient installation brackets that can easily be fitted anywhere along the back of the awning.







Turnils Folding Arm Awnings are offered with a range of optional extras to further improve shading comfort, awning operation and functionality. The array of customisation options available enables you to create a shade solution that is tailored to suit any home or outdoor living space.

Motorisation

Add motorisation to your folding arm awning for ease of operation. Operated by remote control, you can control up to four awnings using just the one remote control.

All Turnils folding arm awnings are available with Merger motorisation. The competitively-priced Merger motors are specifically designed for folding arm awnings and make motorisation a highly affordable option.

A range of different remote control options are available, including:

- » 1 channel remote
- » 4 channel remote
- » 8 channel remote
- » Timer remote

For the ultimate in convenience and smart operation, add optional Sun and Wind Sensors to the awnings. These clever, solar-powered, wireless sensors can be programmed to automatically open the awnings when the sun reaches a certain level. They can also retract the awnings in wet or windy conditions. A wireless motion sensor is also available.



Optional Accessories

In addition to motorisation, selected models also offer a range of other optional accessories including:

Pitch Control

To provide maximum shading comfort, Pitch Control is available on a number of Sirocco models. The projection angle is adjustable from -5° to -40° , just by rotating the pitch control eyelets with the crank handle. For variable pitch, the unique easy-tilt function allows you to adjust the pitch angle when the awning is fully projected.

Roller Valance

The Roller Valance provides an additional fabric drop in the front profile for maximum shade protection. Designed to accommodate sunscreen fabric with a maximum drop of approximately 2.1m, the Roller Valance is manually operated by crank handle. This option is available on selected Sirocco models up to a width of 7m.

Hood

A selection of hoods is available for each Sirocco model, to add a premium finish and extra protection to your Sirocco Folding Arm Awning. Two different styles of end-caps are available, to further customise your folding arm awning.

Telescopic Support

A Telescopic Support is offered on all Sirocco models to provide added stability for the awning. The support slides into the front profile of the Sirocco model, extending to the ground on the lower end to provide extra support and stability. This option is especially suited to wider width awnings, for example, at restaurants or outdoor seating areas where a wide awning will be projected for long periods of time. The telescopic support helps to keep even the widest awning stable, for added peace of mind.

Crank Handles

Colour-matched Crank Handles are available in a choice of lengths [0.8m, 1.2m, 1.6m, 1.8m, 2m and 2.4m], in a range of colour options. Achieve perfect colour coordination with white, silver and black crank handles designed to perfectly match your awning hardware.

Optional Accessories	Motorisation	Pitch Control	Roller Valance	Hood	Telescopic Support
FA22 Piccolo	✓			✓	✓
FA42 Classic	✓	✓		✓	✓
FA44 Design	✓	✓	✓	✓	✓
FA45 Cross-Over	✓		✓	✓	✓
FA46 Fabric-Beam	✓	✓	✓	✓	✓
FA48 Semi-Cassette	✓	✓	✓	✓	✓
Cabrera	✓	^			
Cabrera XL	✓	^			

^ Model features variable pitch that is set at time of installation





Technical data

Sirocco																																																																																																																																																																																																																																																			
	FA22 Piccolo	FA42 Classic	FA44 Design	FA45 Cross-Over																																																																																																																																																																																																																																															
Projection	1.0m, 1.5m, 2.0m, 2.5m, 3.0	1.6m, 2.0m, 2.5m, 3.0m, 3.5m, 4.0m	1.6m, 2.0m, 2.5m, 3.0m, 3.5m, 4.0m	1.6m, 2.0m, 2.5m, 3.0m, 3.5m, 4.0m																																																																																																																																																																																																																																															
Min. width	1.3m	2.07m	2.14m	1.39m																																																																																																																																																																																																																																															
Max. width	5.0m per unit, Series connection up to 15.0m	7.0m per unit [Max. 6.0m at 4.0m projection], Series connection up to 15.0m	7.0m per unit [Max. 6.0m at 4.0m projection], Series connection up to 15.0m	4.6m per unit																																																																																																																																																																																																																																															
Pitch angle	-	-	-5° to -40° ¹	-																																																																																																																																																																																																																																															
Wind Rating²	Class 2 [up to 38km/h]	Class 3 [up to 49km/h]	Class 3 [up to 49km/h]	Class 3 [up to 49km/h]																																																																																																																																																																																																																																															
	<table border="1"> <thead> <tr> <th>P \ W</th> <th>2</th> <th>3</th> <th>4</th> <th>5</th> </tr> </thead> <tbody> <tr> <td>1.0</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>1.5</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>2.0</td> <td>×</td> <td></td> <td></td> <td></td> </tr> <tr> <td>2.5</td> <td>×</td> <td></td> <td></td> <td></td> </tr> <tr> <td>3.0</td> <td>×</td> <td>×</td> <td></td> <td></td> </tr> </tbody> </table>	P \ W	2	3	4	5	1.0					1.5					2.0	×				2.5	×				3.0	×	×			<table border="1"> <thead> <tr> <th>P \ W</th> <th>4</th> <th>5</th> <th>6</th> <th>7</th> </tr> </thead> <tbody> <tr> <td>1.6</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>2.0</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>2.5</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>3.0</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>3.5</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>4.0</td> <td>×</td> <td></td> <td></td> <td>×</td> </tr> </tbody> </table> <p>FA42 Classic with Pitch Control</p> <table border="1"> <thead> <tr> <th>P \ W</th> <th>4</th> <th>5</th> <th>6</th> <th>7</th> </tr> </thead> <tbody> <tr> <td>1.6</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>2.0</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>2.5</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>3.0</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>3.5</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>4.0</td> <td>×</td> <td>×</td> <td>×</td> <td>×</td> </tr> </tbody> </table> <p>FA44 Design with Pitch Control</p> <table border="1"> <thead> <tr> <th>P \ W</th> <th>4</th> <th>5</th> <th>6</th> <th>7</th> </tr> </thead> <tbody> <tr> <td>1.6</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>2.0</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>2.5</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>3.0</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>3.5</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>4.0</td> <td>×</td> <td>×</td> <td>×</td> <td>×</td> </tr> </tbody> </table> <p>FA44 Design with Roller Valance</p> <table border="1"> <thead> <tr> <th>P \ W</th> <th>4</th> <th>5</th> <th>6</th> <th>7</th> </tr> </thead> <tbody> <tr> <td>1.6</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>2.0</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>2.5</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>3.0</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>3.5</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>4.0</td> <td>×</td> <td>×</td> <td>×</td> <td>×</td> </tr> </tbody> </table>	P \ W	4	5	6	7	1.6					2.0					2.5					3.0					3.5					4.0	×			×	P \ W	4	5	6	7	1.6					2.0					2.5					3.0					3.5					4.0	×	×	×	×	P \ W	4	5	6	7	1.6					2.0					2.5					3.0					3.5					4.0	×	×	×	×	P \ W	4	5	6	7	1.6					2.0					2.5					3.0					3.5					4.0	×	×	×	×	<table border="1"> <thead> <tr> <th>P \ W</th> <th>4</th> <th>5</th> <th>6</th> <th>7</th> </tr> </thead> <tbody> <tr> <td>1.6</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>2.0</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>2.5</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>3.0</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>3.5</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>4.0</td> <td>×</td> <td></td> <td></td> <td>×</td> </tr> </tbody> </table> <p>FA45 Cross-Over with Roller Valance</p> <table border="1"> <thead> <tr> <th>P \ W</th> <th>4</th> <th>5</th> <th>6</th> <th>7</th> </tr> </thead> <tbody> <tr> <td>1.6</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>2.0</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>2.5</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>3.0</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>3.5</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>4.0</td> <td>×</td> <td>×</td> <td>×</td> <td>×</td> </tr> </tbody> </table>	P \ W	4	5	6	7	1.6					2.0					2.5					3.0					3.5					4.0	×			×	P \ W	4	5	6	7	1.6					2.0					2.5					3.0					3.5					4.0	×	×	×	×
P \ W	2	3	4	5																																																																																																																																																																																																																																															
1.0																																																																																																																																																																																																																																																			
1.5																																																																																																																																																																																																																																																			
2.0	×																																																																																																																																																																																																																																																		
2.5	×																																																																																																																																																																																																																																																		
3.0	×	×																																																																																																																																																																																																																																																	
P \ W	4	5	6	7																																																																																																																																																																																																																																															
1.6																																																																																																																																																																																																																																																			
2.0																																																																																																																																																																																																																																																			
2.5																																																																																																																																																																																																																																																			
3.0																																																																																																																																																																																																																																																			
3.5																																																																																																																																																																																																																																																			
4.0	×			×																																																																																																																																																																																																																																															
P \ W	4	5	6	7																																																																																																																																																																																																																																															
1.6																																																																																																																																																																																																																																																			
2.0																																																																																																																																																																																																																																																			
2.5																																																																																																																																																																																																																																																			
3.0																																																																																																																																																																																																																																																			
3.5																																																																																																																																																																																																																																																			
4.0	×	×	×	×																																																																																																																																																																																																																																															
P \ W	4	5	6	7																																																																																																																																																																																																																																															
1.6																																																																																																																																																																																																																																																			
2.0																																																																																																																																																																																																																																																			
2.5																																																																																																																																																																																																																																																			
3.0																																																																																																																																																																																																																																																			
3.5																																																																																																																																																																																																																																																			
4.0	×	×	×	×																																																																																																																																																																																																																																															
P \ W	4	5	6	7																																																																																																																																																																																																																																															
1.6																																																																																																																																																																																																																																																			
2.0																																																																																																																																																																																																																																																			
2.5																																																																																																																																																																																																																																																			
3.0																																																																																																																																																																																																																																																			
3.5																																																																																																																																																																																																																																																			
4.0	×	×	×	×																																																																																																																																																																																																																																															
P \ W	4	5	6	7																																																																																																																																																																																																																																															
1.6																																																																																																																																																																																																																																																			
2.0																																																																																																																																																																																																																																																			
2.5																																																																																																																																																																																																																																																			
3.0																																																																																																																																																																																																																																																			
3.5																																																																																																																																																																																																																																																			
4.0	×			×																																																																																																																																																																																																																																															
P \ W	4	5	6	7																																																																																																																																																																																																																																															
1.6																																																																																																																																																																																																																																																			
2.0																																																																																																																																																																																																																																																			
2.5																																																																																																																																																																																																																																																			
3.0																																																																																																																																																																																																																																																			
3.5																																																																																																																																																																																																																																																			
4.0	×	×	×	×																																																																																																																																																																																																																																															

¹ Variable pitch angle applies only when the Pitch Control feature is added

² All Turnills Folding Arm Awnings have been tested under European Standard 'EN13561 External blinds - Performance requirements including safety'. It is recommended that all awnings be retracted during wet or windy conditions.

Legend

		W = Width
Wind class 3	Wind class 2	P = Projection
		
Wind class 1	Not available	

The Beaufort Wind Scale

Class	Wind Strength	Wind Speed [km/h]	Wind Speed [m/s]	Pressure [N/m ²]
0	1-3	≤ 19	≈ 5.3	<40
1	4	20-28	≈ 7.7	40
2	5	29-38	≈ 10.5	70
3	6	39-49	≈ 13.6	110

Awnings must be mounted with the correct number of installation brackets and with suitable fasteners in order to match the specified wind classes.

Sirocco		Cabrera																																																																																																																									
FA46 Fabric-Beam	FA48 Semi-Cassette	Cabrera	Cabrera XL																																																																																																																								
1.6m, 2.0m, 2.5m, 3.0m, 3.5m, 4.0m	1.6m, 2.0m, 2.5m, 3.0m, 3.5m	2.0m, 2.5m, 3.0m, 3.5m	2.0m, 2.5m, 3.0m, 3.5m, 4.0m	Projection																																																																																																																							
2.27m	2.0m	2.15m	2.25m	Min. width																																																																																																																							
7.0m per unit [Max. 6.0m at 4.0m projection], Series connection up to 15.0m	7.0m per unit, Series connection up to 15.0m	5.0m per unit	7.0m per unit [Max. 6.0m at 4.0m projection]	Max. width																																																																																																																							
-5° to -40° ¹	-5° to -40° ¹	-5° to -45°	-5° to -40°	Pitch angle																																																																																																																							
Class 3 [up to 49km/h]	Class 3 [up to 49km/h]	Class 2 [up to 38km/h]	Class 2 [up to 38km/h]	Wind Rating²																																																																																																																							
<table border="0"> <tr> <td>P \ W</td> <td>4</td> <td>5</td> <td>6</td> <td>7</td> </tr> <tr> <td>1.6</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>2.0</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>2.5</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>3.0</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>3.5</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>4.0</td> <td>×</td> <td></td> <td></td> <td>×</td> </tr> </table>	P \ W	4	5	6	7	1.6					2.0					2.5					3.0					3.5					4.0	×			×	<table border="0"> <tr> <td>P \ W</td> <td>4</td> <td>5</td> <td>6</td> <td>7</td> </tr> <tr> <td>1.6</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>2.0</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>2.5</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>3.0</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>3.5</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>4.0</td> <td>×</td> <td>×</td> <td>×</td> <td>×</td> </tr> </table>	P \ W	4	5	6	7	1.6					2.0					2.5					3.0					3.5					4.0	×	×	×	×	<table border="0"> <tr> <td>P \ W</td> <td>3</td> <td>4</td> <td>5</td> </tr> <tr> <td>2.0</td> <td></td> <td></td> <td></td> </tr> <tr> <td>2.5</td> <td></td> <td></td> <td></td> </tr> <tr> <td>3.0</td> <td>×</td> <td></td> <td></td> </tr> <tr> <td>3.5</td> <td>×</td> <td></td> <td></td> </tr> </table>	P \ W	3	4	5	2.0				2.5				3.0	×			3.5	×			<table border="0"> <tr> <td>P \ W</td> <td>4</td> <td>5</td> <td>6</td> <td>7</td> </tr> <tr> <td>2.0</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>2.5</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>3.0</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>3.5</td> <td>×</td> <td></td> <td></td> <td></td> </tr> <tr> <td>4.0</td> <td>×</td> <td></td> <td></td> <td>×</td> </tr> </table>	P \ W	4	5	6	7	2.0					2.5					3.0					3.5	×				4.0	×			×
P \ W	4	5	6	7																																																																																																																							
1.6																																																																																																																											
2.0																																																																																																																											
2.5																																																																																																																											
3.0																																																																																																																											
3.5																																																																																																																											
4.0	×			×																																																																																																																							
P \ W	4	5	6	7																																																																																																																							
1.6																																																																																																																											
2.0																																																																																																																											
2.5																																																																																																																											
3.0																																																																																																																											
3.5																																																																																																																											
4.0	×	×	×	×																																																																																																																							
P \ W	3	4	5																																																																																																																								
2.0																																																																																																																											
2.5																																																																																																																											
3.0	×																																																																																																																										
3.5	×																																																																																																																										
P \ W	4	5	6	7																																																																																																																							
2.0																																																																																																																											
2.5																																																																																																																											
3.0																																																																																																																											
3.5	×																																																																																																																										
4.0	×			×																																																																																																																							
<p>FA46 Fabric-Beam with Pitch Control</p> <table border="0"> <tr> <td>P \ W</td> <td>4</td> <td>5</td> <td>6</td> <td>7</td> </tr> <tr> <td>1.6</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>2.0</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>2.5</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>3.0</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>3.5</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>4.0</td> <td>×</td> <td>×</td> <td>×</td> <td>×</td> </tr> </table>	P \ W	4	5	6	7	1.6					2.0					2.5					3.0					3.5					4.0	×	×	×	×																																																																																								
P \ W	4	5	6	7																																																																																																																							
1.6																																																																																																																											
2.0																																																																																																																											
2.5																																																																																																																											
3.0																																																																																																																											
3.5																																																																																																																											
4.0	×	×	×	×																																																																																																																							
<p>FA46 Fabric-Beam with Roller Valance</p> <table border="0"> <tr> <td>P \ W</td> <td>4</td> <td>5</td> <td>6</td> <td>7</td> </tr> <tr> <td>1.6</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>2.0</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>2.5</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>3.0</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>3.5</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>4.0</td> <td>×</td> <td>×</td> <td>×</td> <td>×</td> </tr> </table>	P \ W	4	5	6	7	1.6					2.0					2.5					3.0					3.5					4.0	×	×	×	×																																																																																								
P \ W	4	5	6	7																																																																																																																							
1.6																																																																																																																											
2.0																																																																																																																											
2.5																																																																																																																											
3.0																																																																																																																											
3.5																																																																																																																											
4.0	×	×	×	×																																																																																																																							

Swedish design for Australian conditions



For more information contact us on:
T 03 8773 0000
F 03 8773 0099
customerservice@bricos.com.au

turnils.com.au

© Copyright 2016 Hunter Douglas Limited [A.B.N. 98 009 675 709], 06/2016.
®Registered Trade Marks of Hunter Douglas Limited. TURNILS is a registered Trade Mark of
Hunter Douglas Scandinavia AB. DYNEEMA is a registered Trade Mark of DSM IP Assets B.V