

# KATANA Series Folding Arm Awnings



# KATANA Series range of folding arm awnings

## IMPROVEMENTS IN ASTHETIC

- Detail of finish
  - Quality casting and extrusions – No seam lines
  - Quality powder coating. (not Anodized)
  - Colour matched plastic components.
- Overall appearance
  - New Designer Wall bracket design >>
  - New Enclosed End bracket design
  - New Front bar
  - Enclosed shoulders
  - Black, White and Silver as standard.



# KATANA Series range of folding arm awnings

MODULAR - One base unit - 5 systems.

## **KATANA Series Models**

**KC Katana Classic**

**KD Katana Design**

**KX Katana Crossover**

**KR Katana Rise**

**KS Katana Semi Cassette**

# KC: Katana Classic

- The KC is a classic folding arm awning, positioned as the entry level product for this range.
- It features a regular extruded ('Classic') bracket that slides over the square profile and is covered by a plastic cover
- Minimum projection: 1.6m  
Maximum projection: 4.0m
- Minimum width per unit: 2.07m  
Maximum width per unit: 7.0m
- Extension maximum width: 11.0m  
Series Connection max. width: 15.0m



# KD: Katana Design



- European style & designer finish, featuring sleek, pressure die casted 'Design' end brackets
- The end bracket is locked inside the square profile (pressure fit) and the design connects the square shape of the support profile with the round shape of the roller tube in a fluid way
- Optional roller valance available
- Minimum projection: 1.6m  
Maximum projection: 4.0m
- Minimum width per unit: 2.14m  
Maximum width per unit: 7.0m
- Extension maximum width: 11.0m  
Series Connection max width: 15.0m

# KX: Katana Cross-Over

- KX features cross-over arms, making it possible to offer a narrow awning with a larger projection compared to the width
- This is done by changing one of the standard arm brackets to a Cross-Over Kit
- This kit is an extended arm bracket & an extension for the front fitting - this can be fitted on either the left or right side arm, which ever is most suitable
- Minimum projection: 1.6m  
Maximum projection: 4.0m
- Minimum width: 1.33m  
Maximum width: 4.6m





# KR: Katana Rise



- Minimum projection: 1.6m  
Maximum projection: 4.0m
- Minimum width per unit: 2.27m  
Maximum width per unit: 6.98m
- Extension maximum width:  
11.0m  
Series Connection max. width: 15.0m

- Features a fabric beam for angled projection
- The fabric beam creates an awning with good clearance under the inner part of the arm (allowing space for doors)



# KS: Katana Semi Cassette

- Compact semi cassette design that delivers superior fabric protection and a streamlined finish
- Easier assembly and installation compared to full cassette
- Minimum projection: 1.6m  
Maximum projection: 3.5m
- Minimum width per unit: 2.0m  
Maximum width per unit: 7.0m
- Series Connection max. width: 15m
- Extension Option is not available





# **Additional Options & Accessories**

# Roller Valance

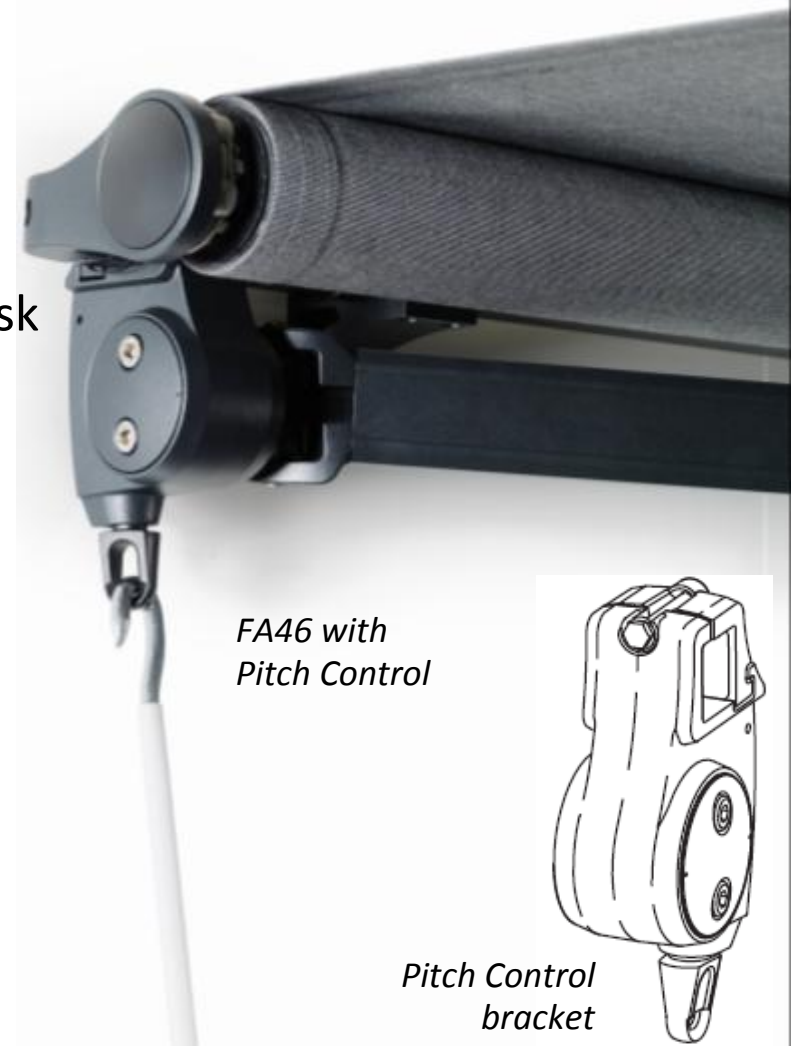


- Design to be as small possible, resulting in a neat, compact Front profile
- Holds up to 2.4m screen fabric (depending on fabric thickness)
- Roller valance is manually operated by crank handle.

Note: The Roller Valance can be used up to 7m (no extensions available)

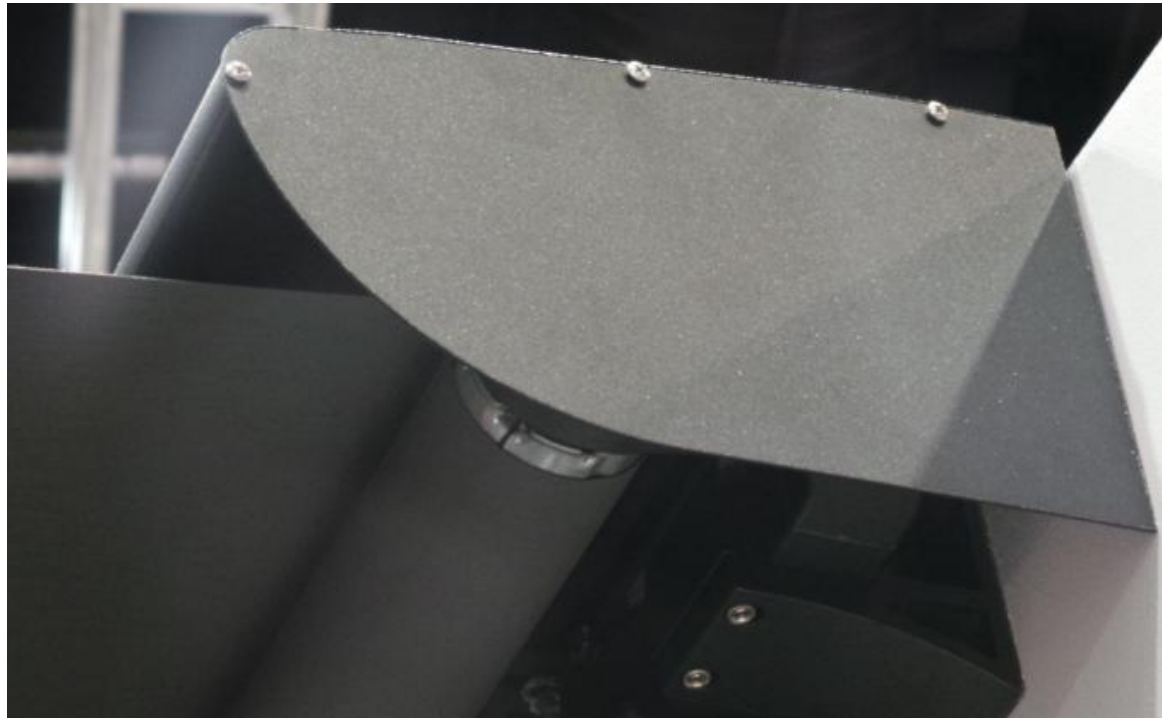
# Pitch Control

- Adjust pitch angle 5° - 45 °
- Improved aesthetic appeal with unit now fully enclosed
- Easy rotation even at 4m projection with no risk of stripping tilt mechanism
- Available on:
  - KC, KD, KR, KS
  - Not available of KX cross over arms



# Hood Options

- A standard hood design is currently available as an option for:



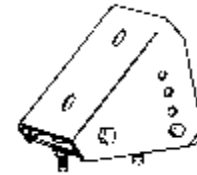
- New hood design due mid 2014

# Accessories

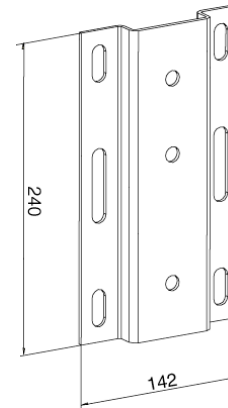
- Additional accessories also available:



Telescopic support



■ Roof bracket (Wedge)



■ Spreader plate



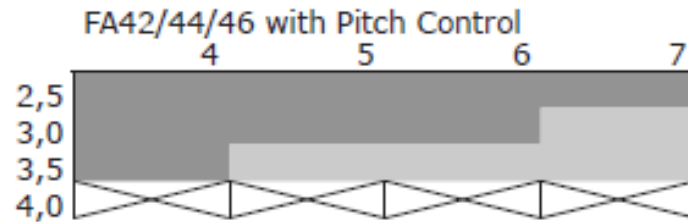
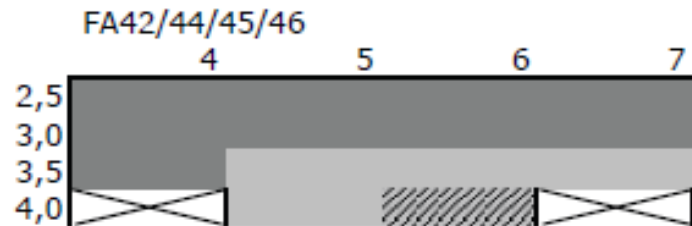
■ Top Fix Bracket

## Paint 20ml

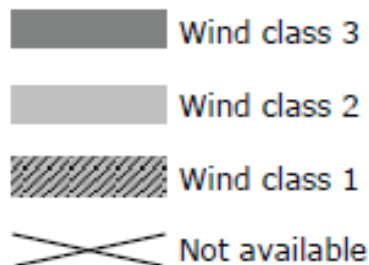
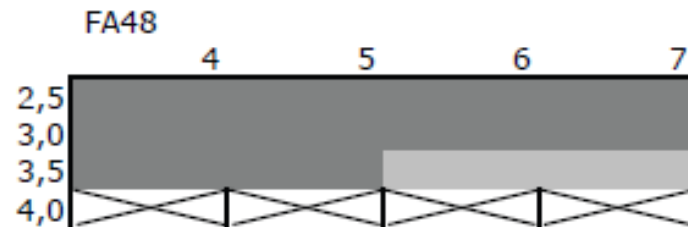
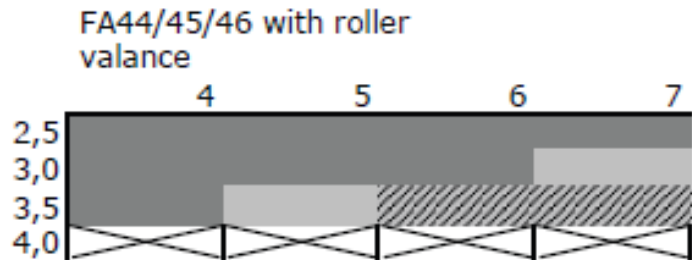
- For easy paint touch-ups on profiles & castings

# Wind Classification – EN 13651

## Wind classification according to EN13651



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



Class	Wind Strength (Beaufort)	Wind Speed (km/h)	Wind Speed (m/s)	Pressure (N/m <sup>2</sup> )
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





# KATANA Series – Dyneema® tape

## What is DYNEEMA

- In simple terms, Dyneema is flexible Kevlar
- **Strength** - Dyneema is 15 times stronger than steel on a weight-for-weight basis
- **Light Weight** - Dyneema floats on water and is ideal for lightweight solutions
- **Salt resistant** -. Independent studies have confirmed that Dyneema performs well in dry, wet, salty and humid conditions, as well as situations where chemicals are present. Dyneema overcomes the issues with salt degradation seen with steel products.
- **Moisture resistant** - Dyneema fibre is hydrophobic – it resists water absorption, providing an extra level of protection and durability



# Installation Brackets

## New wall bracket & installation bracket for roof:

- No visible screw heads from installation bolts from beneath
- Due to its unique design it will clamp on all four sides of the square tube resulting in a firmer installation
- Recommended in High wind areas.
- Newly designed bracket for roof installation >>



*Roof installation bracket (top fix)*



*Wall installation bracket (face fix)*