

Specification

GJ-MW Angular Series

Applicable product type(s):

- GJ-MW Angular Series¹⁾:
 - 400 angular (top shaped) system
 - 405 middle track angular system
 - 405-S angular system with middle cord(s)

1) This series can be produced with different cassettes.

Product description:

Tensioned screen systems with aluminium powder coated or anodised profiles (cassette, side channels and hem-bar profile), steel tube with innertube and spring mechanism, electric tubular motor and polyester coated (PVC) fabric. The systems are equipped with high quality Dyneema cords of 3 mm.

Intended use:

To provide shading, darkening and/or another agreed purpose for the window, conservatory, skylight and/or opening. These systems can be installed internally or externally depending the type, fabric choice, installation and usage.

Dimensions:

- 2) The mentioned dimensions are indicative sizes, this can depend on various factors such as the installation, fabric, etc.
- 3) The 125 cassette is only for interior applications or when the cassette is installed on the highest side due to possible water inlet.
- 4) The width and draw published is depending on the angle, application and installation.
- 5) The GJ-MW Angular, type 400 can only be made until ca. 3000 mm width with a decent angle (minimum 30 degrees).

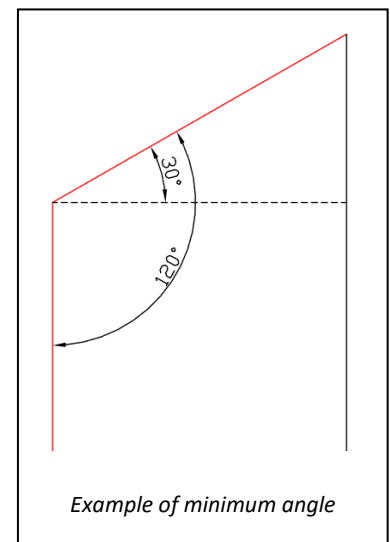
Cassette:	125 ⁽³⁾	MW	NC	Notes:
Min. width:	800 mm	800 mm	800 mm	Depending the motor type and draw Smaller possible on request
Max. width:	5000 mm	6500 mm	7000 mm	Limitations may be applicable Wider only on request
Max. height/draw:	4500 mm	6000 mm	7500 mm	Limitations may be applicable Higher on request
Min. angle:	25	30	30	Shallower angles on request

Installation:

- ✓ Top-down
- ✓ Bottom-up
- ✓ Horizontal, angled
- 6) Additional support tubes required
- ✓ Interior and exterior

Applications:

- Shading
- UV Protection
- Light, heat & energy control
- Glare control
- Acoustic isolation
- Thermic isolation
- Darkening (opaque)
- 7) Special notes for darkening are applicable
- Privacy



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System details:

Cassette: 125 mm 125 Square Interior or "dry" use
200*145 mm MW Rounded
210*160 mm NC Square

Hem-bar: 23*44 mm SP

Side channels: 38*50 mm MW

Cords: 3mm Dyneema®
Cord colour: standard in black, on request in light grey possible



Installation: direct, with bracket, profile or distance feet

Finishes: RAL colour most colours available in matt and semi-gloss
Anodized

Special finishes: Super durable, seaside, etc. on request (against surcharge)

Fixings: All fixings used in the systems are made of A2 stainless steel

Motorisation: Electric 230V Standard with Becker E12 or C12 (radio centronic) motors
SMI optional with Becker S12 motors
Electric 120V on request
Battery 12/24V on request

Control: Wired (E12) or radio (C12), Somfy RTS/IO control only on request possible
KNX via Becker S12 and KNX/SMI Actuator

Motor cable: 2.5m, 5m, 10m, white or black

Motor connectors: Various possible

Fabric options:

- 8) Other fabrics are not possible due to diagonal stability required.
- 9) For official values, deviations and testing standards we refer to the information available from the suppliers.
- 10) Preferred supplier/ or preferred fabric indicates to most optimum fabric option for this system type with regards to durability, tension, aesthetics, etc.

Supplier:	Shading/Screen:	Opaque:
Serge Ferrari (preferred supplier)	Soltis Horizon 86 (ca. 14% OF) 267 cm* (max. 15m ²)	Soltis B92 Opaque 170 cm (100.000 Lux)
	Soltis Perform 92 (ca. 4% OF) 267 cm* (preferred fabric)	Soltis 6002 Opaque 300 cm (30.000 Lux) (max. 8 m ²)

Other information:

Tolerances:	-/+ 2 mm in all directions
Maximum run time:	4 minutes
Cycles:	Tested for minimum 10.000 cycles (when cleaned and serviced)
Blackout:	100% blackout is theoretically impossible, we use the word darkening
Aesthetics:	Some waviness and wrinkling is always expected
Fabric tension:	We strive for the highest fabric tension but depending the size and installation sagging can occur
Weld(s):	Diagonal welds required to increase the fabric stability
Carbon stiffener:	Often mandatory to increase the fabric stability
Noise:	The motor and spring mechanism (cords) produces noise during operation
Operating temperature:	3-55° Celsius
Wind sensor:	Mandatory in case of automatic operation
Rain sensor:	Mandatory in case of automatic operation, system may never be deployed when the cassette (motor) is on the lowest side
Sun sensor:	Not recommended due to continuous operation causing additional wear and noise
Inclination:	Angle of 14 degrees recommended for exterior installations to allow water to flow off
Safety:	See installation and user instructions
Obstacle detection:	Not possible with spring tensioned systems
Simultaneous running:	Only possible with same sized systems in combination with a suitable motor and control system
Cleaning:	Regular cleaning with neutral agent required
Cleaning fabric:	See instructions of the fabric supplier
Preserving:	Profiles can be treated with wax to extend the lifetime and colour fastness
Servicing:	After the first service (within ca. 2 months or 50 cycles) a yearly check is mandatory
Service logbook:	Mandatory for warranty claims
Repairs:	Contact GJ for instructions
Wind class:	See CE declaration
System warranty:	24 months (when cleaned and serviced)
Motor warranty:	5 years (limitations applicable*)

**supplier warranty applicable*

See also the [downloads](#) section of our website for:

- Instructions
- Order forms
- Information about motorisation
- Information about fabric characteristics
- European Guidelines for the evaluation of product characteristics of awnings
- Guideline for the Evaluation of Product Characteristics of Awnings

Manufacturer:

All fabrics are standard produced by our partner **SolFaction**.

All our systems are assembled and individually tested in the Netherlands, according by the latest CE declaration.

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- 12) Our general terms and conditions are applicable on all products and services.