

# S 3000 AX

Designation : casted stainless steel spider



Material : AISI 316  
Finish : polished GR400

## Descriptif



The S3000 AX spider has been specially designed for the integration of solar shading on the transparent glass facades in order to preserve natural lighting while cutting glare or reflection of radiation from the sun.

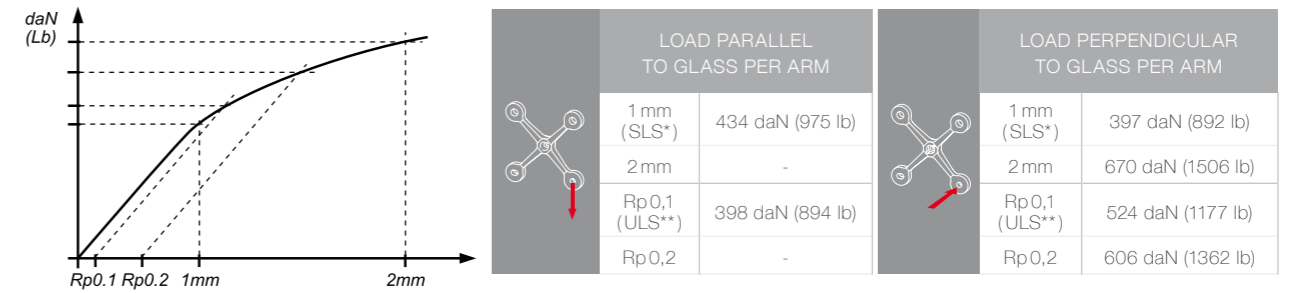
### Advantages sunscreens

- natural light preserved with visibility on the outside
- Optimal use of natural light and passive solar energy, resulting in a reduced need for heating and consequently saves energy
- Possibility of articulate the solar shading: This allows the slats of venetian blinds in the optimal position relative to the sun and also contributes to an even greater power efficiency
- The transparency of a glass facade is kept
- Controlling the entry of light into the building
- Integration of photovoltaic panel as possible
- Possibility of including silkscreen glass in order to make shadow areas and make attractive facades



S 3000 AX

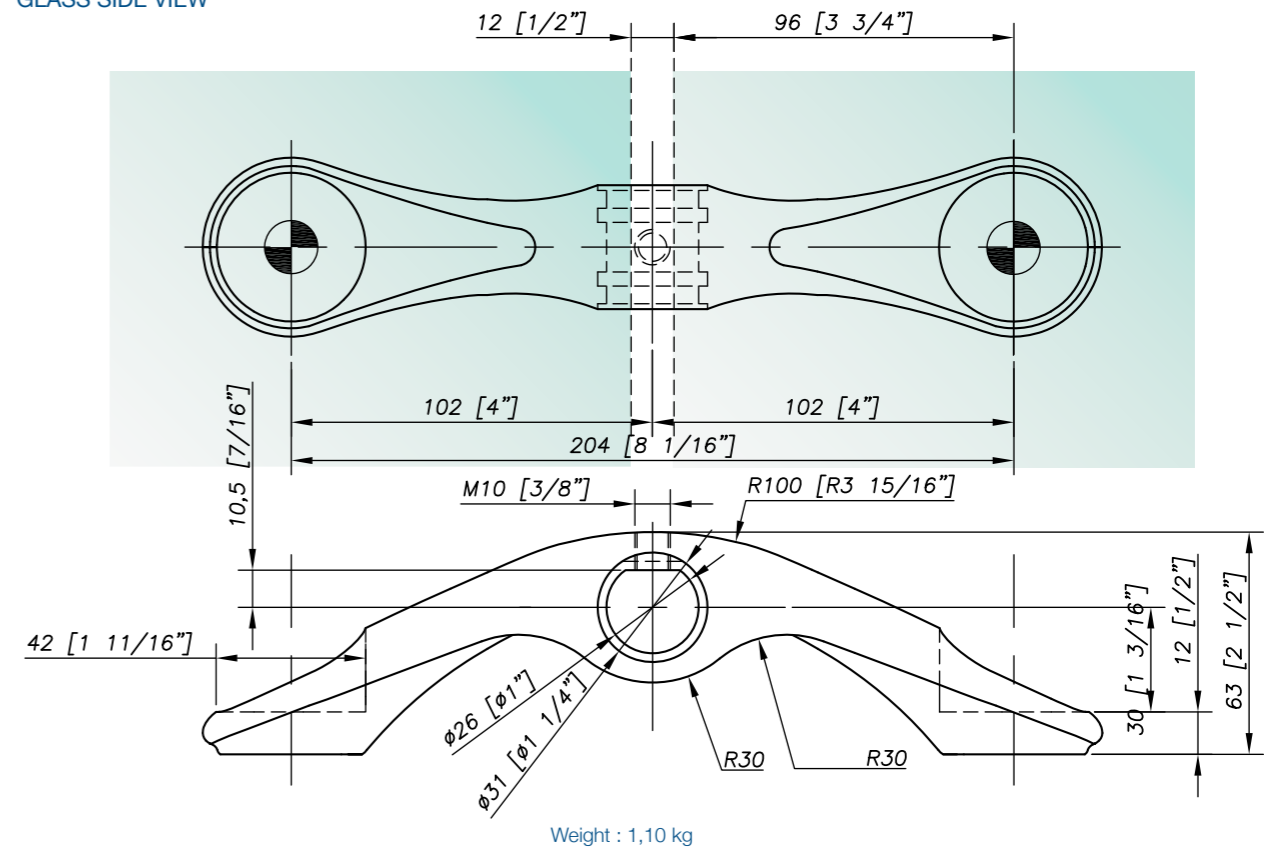
## Mechanical performances



\*SLS : Serviceability Limit State - load at 1 mm deformation \*\*ULS - Ultimate Limit State : load at the elastic limit (Rp0.1). Values are given without factor of safety - Tests available online : [www.sadev.com](http://www.sadev.com)

## Configuration

### GLASS SIDE VIEW



⊙ Represents a fixed point Ø17 mm, a slotted point Ø17x24 mm, or a free point Ø24 mm depending on the position of the spider on the façade (see suggested mounting instructions at the end of the chapter).

## Suggested mounting instruction

Fit 2 seal rings with inner diameter Ø of 24,6mm torus of Ø3,6mm (allowing the absorption of mounting kits) in the 2 groove of spider S3000AX. Inserting the fastener in a Ø25 axis having a flat anti-rotation (see the design of axis section). And mount the locking screw M10 flat end (DIN913) 12mm length.

The slotted holes Ø17x24 mm and free holes Ø24 mm in the spider are not to be used to adjust the spider! They are needed to absorb the manufacturing tolerances and the thermal deformation of the glass and of the structure. The spiders are standardized for M14 / M12 fittings (FXR, FXV).

Maintenance recommendations - see end of catalog.

SADEV recommends using thread locking compound, except in case of specific mounting constraints.