

Reference: S3001

Designation : casted stainless steel spider

Technical assessment available online at www.sadev.com



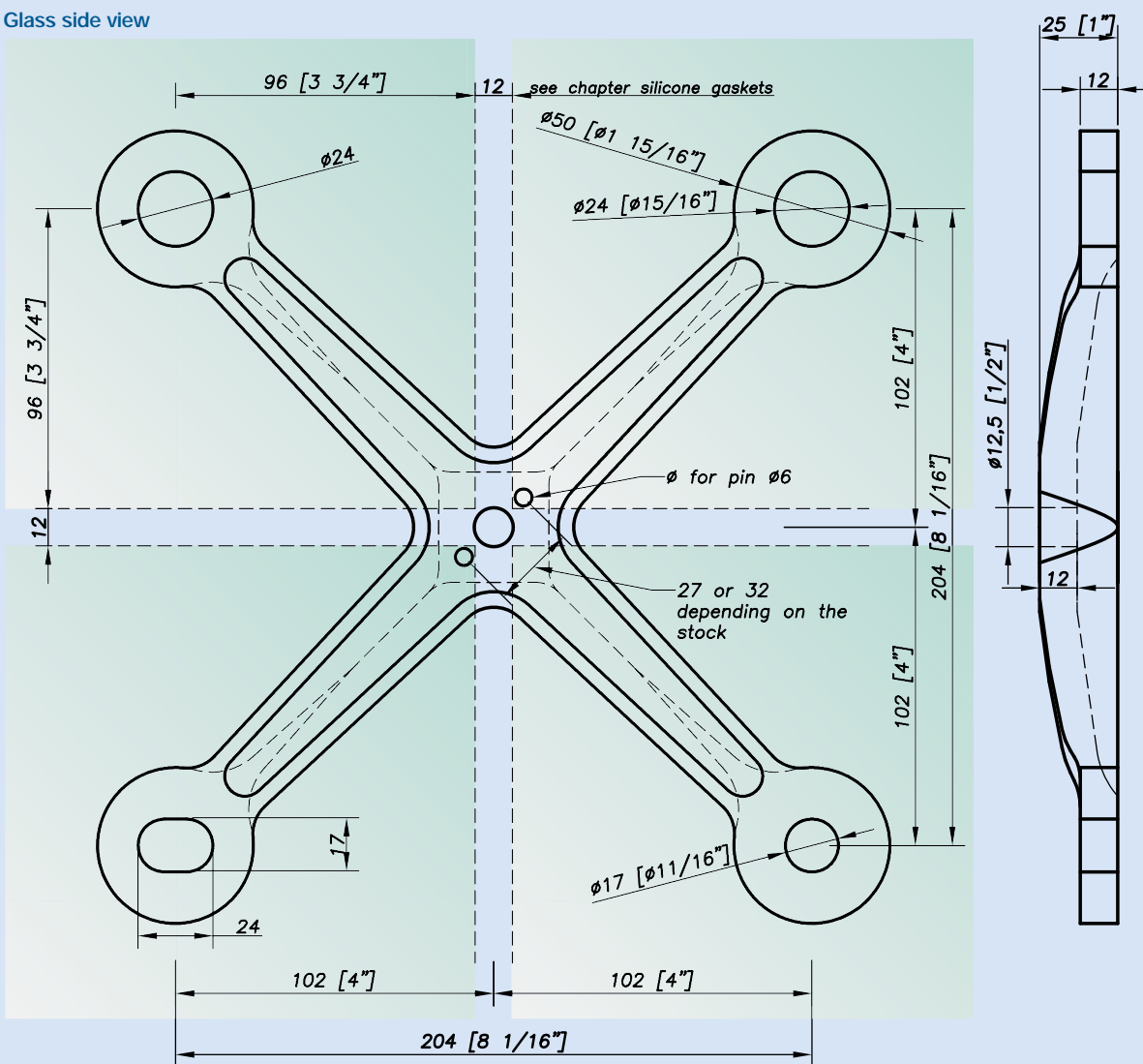
Glass side view



Material: AISI 316 – Surface finish: electro polished

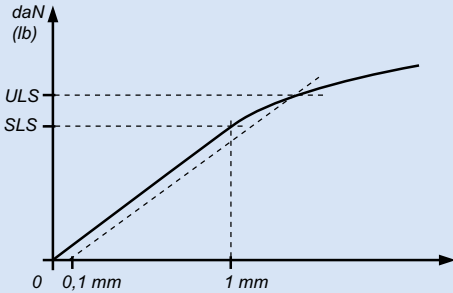
Dimensions:

Glass side view



Reference: S3001

Mechanical performances:

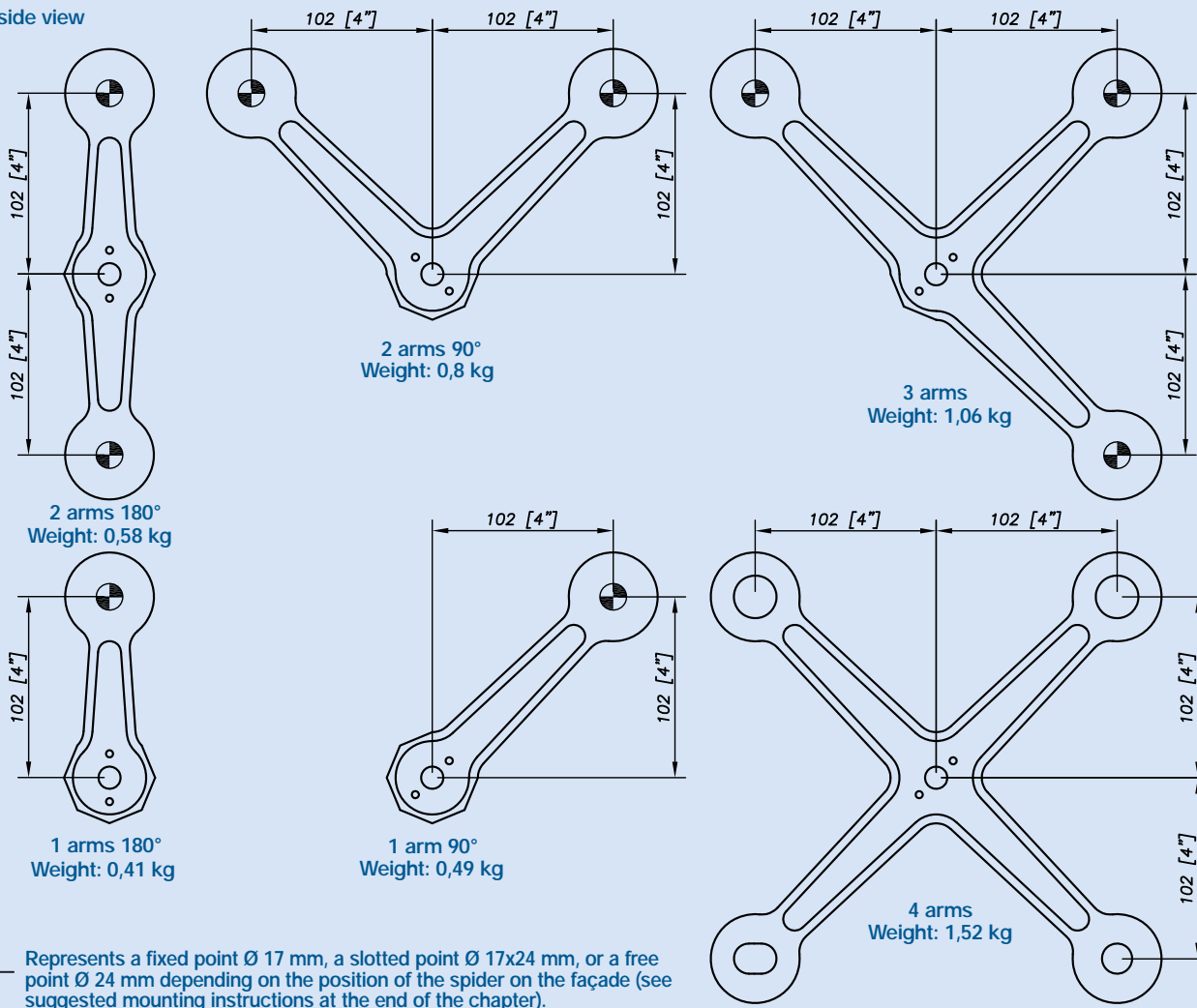


Load parallel to glass (per arm)		Load perpendicular to glass (per arm)	
	SLS* at 1 mm 257 daN (577 lb)	ULS* 241 daN (541 lb)	
			SLS* at 1 mm 110 daN (247 lb)
			ULS* 155 daN (348 lb)

*SLS: Serviceability Limit State (load causing a deformation of 1 mm)
 ULS: Ultimate Limit State: Elastic limit Rp0.1 (maximal load causing a permanent deformation of the spider of 0,1 mm).

Configuration:

Glass side view



Suggested mounting instruction:

The drilling diameter for the pins is 6 mm. Do not drill the holes for the pins in your structure before mounting the spiders. To fix the spider on your structure the "Omega" (see accessories) is highly recommended to adjust the spider's position. The fixing of the spider is done with a M16 or a M12 bolt (out of Sadev supply). This bolt shall not be fitted into a vertical slotted holes due to the risk of slipping (under the weight), the pins are not designed to hold any permanent loads (cf. specification sheet). The spider has to be positioned on a flat support. The slotted holes Ø 17x24 mm and free holes Ø 24 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 fittings (FXR, FXV); other diameters are available on request.

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