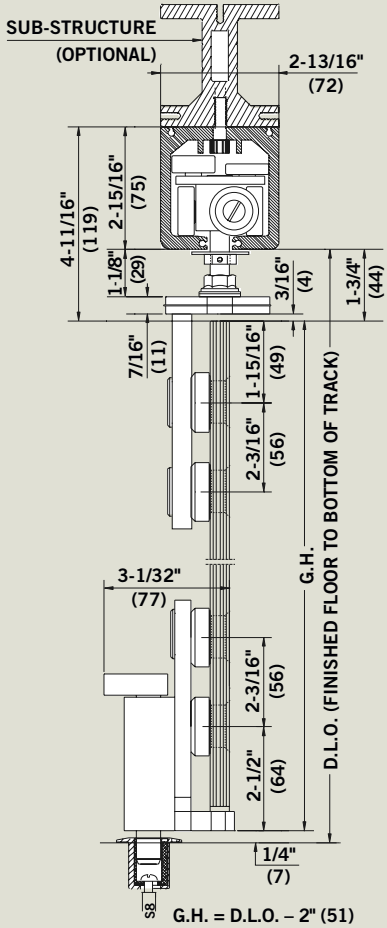


# Interior Glass Systems

## HSW-GP horizontal sliding glass walls



Frameless **HSW-GP horizontal sliding glass walls** utilize minimal hardware to maximize transparency. The discreet single-point fittings give HSW-GP systems a subtle, modern appearance.

**Specifications**

- Suitable for both inline and curved configurations.
- Stainless steel fittings provide flush-mounted attachments compatible with contemporary architecture.
- Accommodates 3/8" (10) and 1/2" (12) tempered glass, as well as 9/16" (14) tempered laminated glass.
- Minimal hardware maximizes all-glass look.
- No floor track.

**Panel Limits**

- Max height 118" (3000)
- Max weight 200 lb (90 kg)
- Min width 24" (600)
- Max width 42" (1060)

**Standard Finish**

- Satin stainless

**Lead Time**

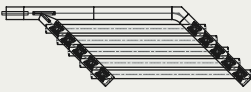
- 7- 9 weeks

**NOTES**

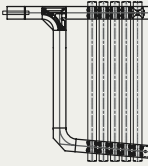
- Common HSW parking examples shown, other parking options available.
- All measurements are shown in inches (mm); for example, 3/8" (10)



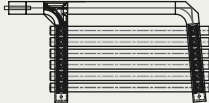
135° parallel stack



90° perpendicular stack



90° parallel stack



# HSW-GP substructure

The HSW-GP substructure system is of modular construction and is designed to significantly reduce on-site installation cost and time. This concept also offers the particular flexibility required to overcome structural constraints.

The substructure consists primarily of the following components:

- Substructure profile with modules for branching to the stacking area
- Threaded rods for suspension of the profile(s)
- Standard square section tubes with appropriate fixings and ceiling brackets for bracing and stiffening the construction

There is no need for pre-drilling and thread cutting in order to mount the track rails onto the substructure. Various bolting channels run the whole length of the profile, allowing bolts to be inserted easily at any location within the system configuration.

Bolting channels on both sides of the profile can be used (for example, for fixing the brackets needed for attaching the ceiling retention elements).

Depending on the weight of the system and the permitted deflection, it is possible to span a distance of up to 118" (3 m) between 2 suspension points (varies by system configuration).

Standard flat steel bars can be inserted in the center channel to further stiffen the profile, particularly in the area of the joints. This means that just one suspension point in the vicinity of the joint can be provided instead of the two—one either side of the joint—that are usually needed.

With a maximum load (panel weight) of 330 lb (150 kg) and a permitted deflection of the substructure with track rail of 1/8" (3), the interval between 2 suspension points must be no greater than 118" (3 m). The diagram **Example Load Values** shows other values for different loads.

The individual components are coordinated to ensure safe integration. Joints in the substructure are offset to those in the track rails so that individual joints coincide with continuous material in all cases.

Provided that the track rails are adequately bolted to the substructure, gaps of up to 11" (279) in straight runs and 5" (127) in stacking areas measured from one suspension point to the next are permitted in the substructure.

For system configuration and design support, contact dormakaba customer service at 800.523.8483.

**NOTE**

All measurements are shown in inches (mm); for example, 3/8" (10)

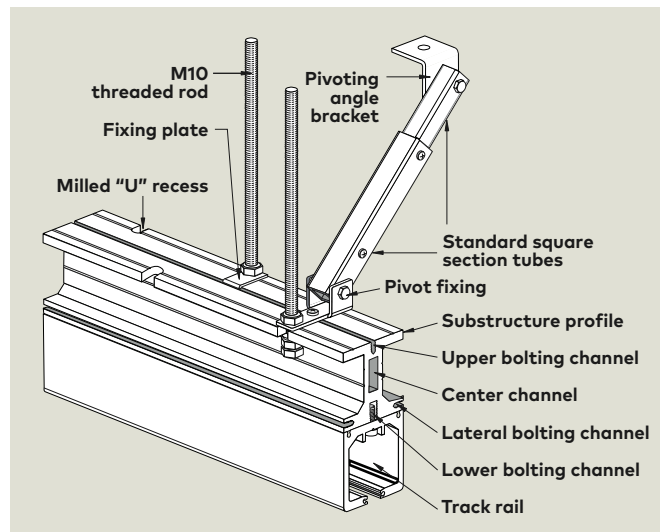
dormakaba USA, Inc  
 Dorma Drive, Drawer AC  
 Reamstown, PA 17567  
 800.523.8483

dormakaba Canada  
 1680 Courtney Park Dr. Unit 13  
 Mississauga, ON L5T 1R4  
 800.387.4938

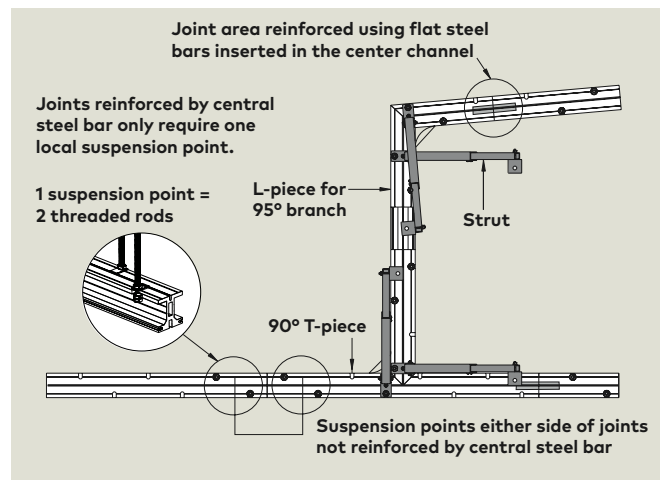
www.dormakaba.us

www.dormakaba.ca

## The system



## View from above



## Example load values

