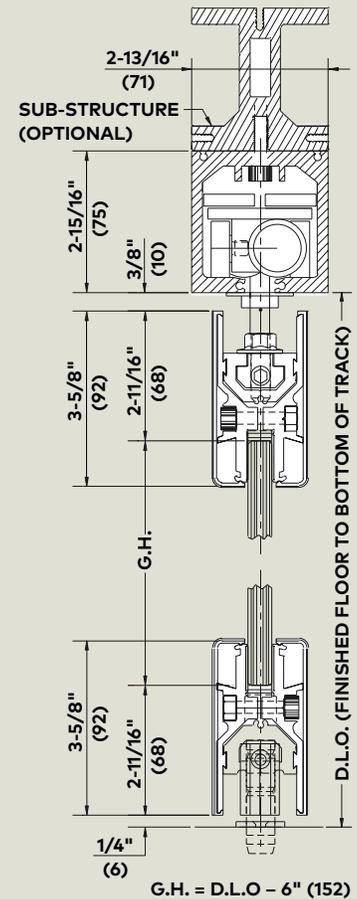


Interior Glass Systems

HSW-DRS horizontal sliding glass walls



Versatile **HSW-DRS horizontal sliding glass walls** offer easy installation & maintenance, plus numerous options for matching the system to your requirements. You can configure innovative HSW-DRS systems to meet the needs of most demanding projects. With DRS rails top and bottom, this HSW system blends seamlessly with fixed glass walls and glass sliding or pivoting doors that feature DRS rails.

Specifications

- Suitable for both inline and curved configurations (comprised of straight track segments) with no floor track.
- Mechanical clamp-on system with snap-on covers that are interchangeable in the field.
- System available with vertical stiles (3-5/8" & 4" rails only).
- All rail sizes available for 3/8" (10) and 1/2" (12) tempered monolithic glass. Bottom rail available in 3-5/8" (92), 4" (102), 6" (152), and 10" (254) heights.
- Panic hardware can be used on fixed-swing panels when located opposite the stacking area.
- Can be used with tempered laminated glass (TLG) using dormakaba Clamp & Glue Technology™.
- Panels can vary in width up to 15%.
- Doors can be prepared for a full range of dormakaba architectural hardware.

Panel Limits

- Max height 118" (3000)
- Max weight 330 lb (150 kg)
- Min width 24" (600)
- Max width 42" (1060)

Standard Finishes

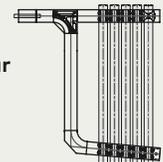
- Clear anodized
- Black anodized
- Satin stainless
- Polished stainless
- Satin brass
- Polished brass

Lead Time: 5 weeks

135° parallel stack



90° perpendicular stack



90° parallel stack



NOTES

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

HSW-DRS substructure

The HSW-DRS 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)

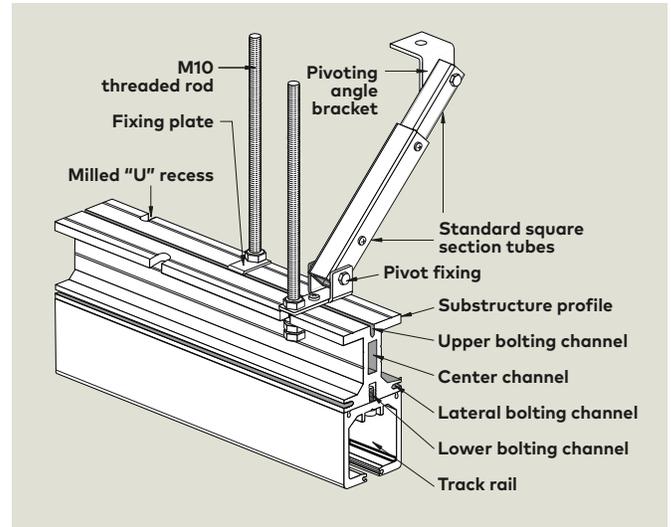
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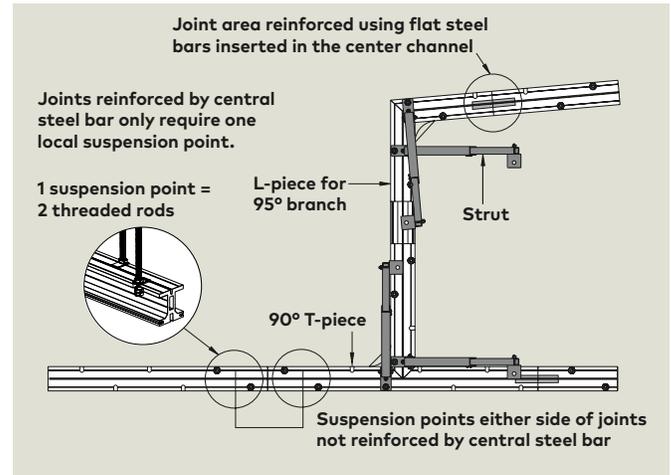
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The system



View from above



Example load values

