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Automatic Entrance Systems

STANLEY®

# Dura-Glide SLH

## SLIMLINE AUTOMATIC SLIDING DOORS



### **SLEEK, VERSATILE DESIGN DEVELOPED TO MEET THE DEMANDS OF A WIDE RANGE OF APPLICATIONS**

Dura-Glide doors combine state-of-the-art microprocessor technology with advanced engineering to provide the safest, most dependable and highest-performance door systems in the industry.

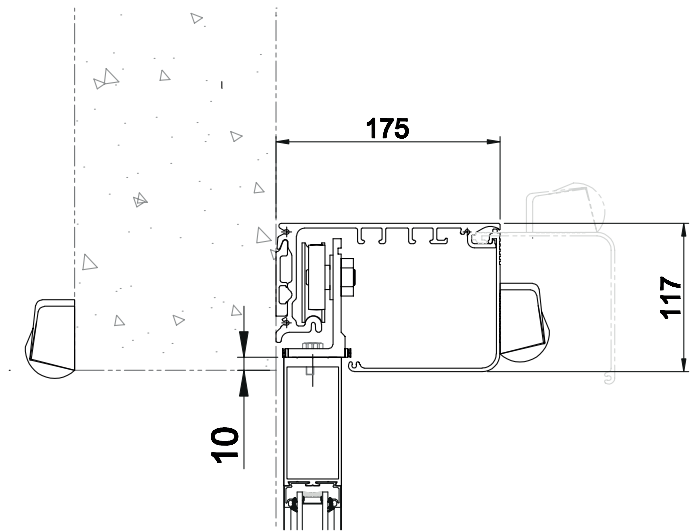
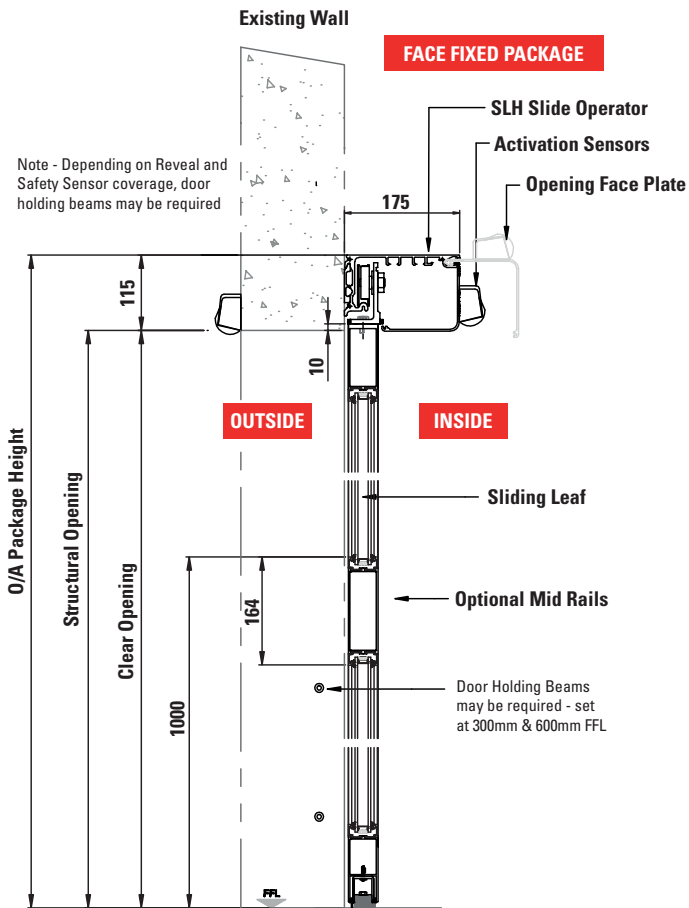
The Dura-Glide SLH is a slide door operator with a small header profile for discerning architects and application aesthetics. The SLH is ideal for applications where a break out facility is not required.

Axis employ ADSA Authorised Technicians (Automatic Door Suppliers Association) for the specification, supply, installation and maintenance of automatic door operators as per the guidelines of BS EN 16005 2012 (Powered Operated Pedestrian Doorsets – Safety in Use).

### **Available Formats:**

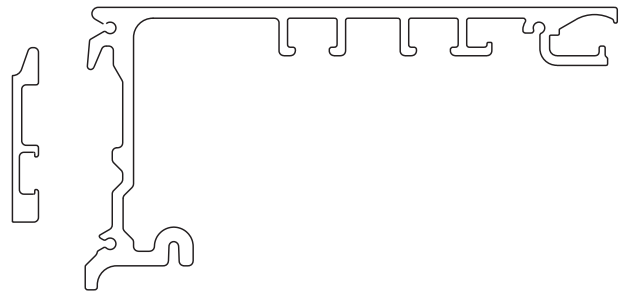
- Surface mounted application
- Single sliding door
- Bi-parting doors

The Stanley Dura-Glide SLH uses the proven motor and drive assembly from the Dura-Glide series, engineered to accommodate the new low profile design. Available for surface applications only and each operator is supplied with standard hangers for aluminium door panels with optional hangers offered for glass doors.



When installing onto an aluminium shopfront or curtain wall screen the SLH only requires a 125mm high transom bar, which will offer sufficient space for the lid to open - especially if the header is fitted close to the ceiling.

The SLH is easy to install by first fitting the mounting plate to the desired position on the wall or aluminium screen. The SLH header is simply lifted onto the mounting plate and safely secured by two locating screws.



**DOOR CLEAR OPENING CALCULATION**

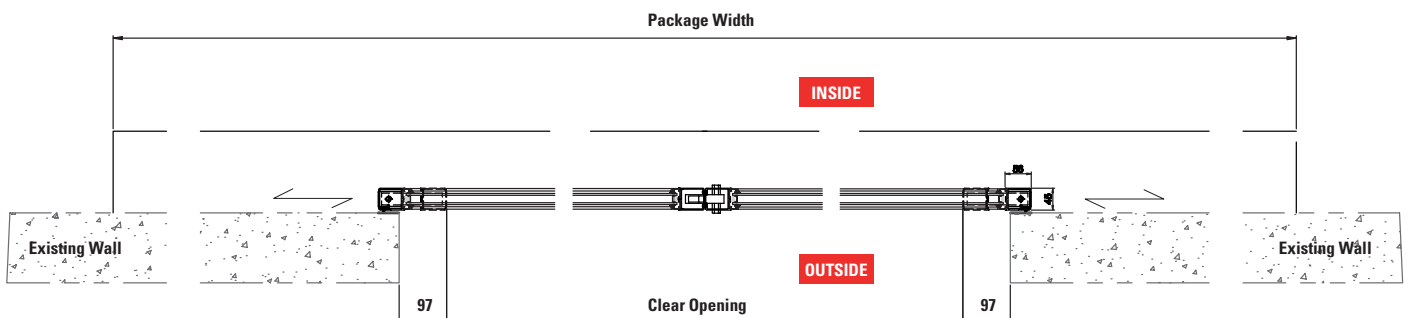
$$CO = \frac{\text{Package width} - 90 - 124.5}{4} \times 2$$

**EXAMPLE**

$$CO = \frac{4000 - 90 - 124.5}{4} \times 2$$

The bracket has a built-in channel for cables, and additional channels are built into the operator head making for tidy cable installation.

The lid can be locked into the open position for ease of wiring and maintenance.





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## **STANDARD FEATURES**

- Provide smooth, trouble-free operation with long-lasting cast urethane load-bearing wheels.
- Continually monitors door position and presence sensors with microprocessor controller.
- Lock each door in its track with adjustable anti-riser wheels.
- Prevent slippage and uneven closing with toothed drive belt.
- Provide complete threshold protection at all times with advanced sensors.
- Eco Pro programmer functions - HOLD OPEN / CLOSED / LOCKED / AUTOMATIC / ONEWAY / REDUCED OPENING / REDUCED ONEWAY.
- Bias keyswitch for single opening operation on entry/exit doors.
- Power-operated automatic sliding doors may be used as emergency egress doors as a monitored "fly open" battery is installed to open the doors in the event of power failure or fire alarm activation (whilst doors unlocked).
- Auto reverse operation in both opening and closing cycles.

## **OPTIONAL FEATURES**

- Access Control lets you add card readers, digital keypads and electric locks to limit access to restricted areas.
- Electric Solenoid Locking System utilises a high-torque steel spring and tension spring.
- All-Glass Doors and Sidelights provide added elegance and beauty to upscale architecture.
- Designer/Utility package gives maximum design flexibility with wood, hollow metal, painted or glass doors.
- Uninterrupted power supply (UPS) provides continued operation of automatic sliding doors for up to 1.5 hours in the event of mains power failure.
- Combined activation and monitored presence sensors, push buttons, access control and radio control options can all be utilised as a means of operation.
- Monitored presence sensors or hinged pocket screens to protect the area in which the door slides during the opening cycle.

## **MC521 PRO CONTROLLER PLATFORM**

This new generation controller is completely re-engineered and includes a "soft-start" "soft-stop" motor driving circuit for smooth normal opening and recycling.

The controller has a built-in LAN connection and with a Stanley Bluetooth "dongle" an engineer using a Windows® Mobile handset (software is readily downloadable) can set door functions, including door and motor type, handing, speed, hold-open delay, troubleshooting and more, all with the greatest precision and ease. The control panel can also easily be programmed manually.





The MC521 Pro controller will collect and store performance data as follows:

- 1. Counter:** A non-resettable counter to track operating cycles.
- 2. Event Reporting:** Includes event and error recording such as number of occurrences of events and errors, and cycle count of most recent events and errors.
- 3. LED Display:** Display presenting the current operating state of the controller.

The Eco Pro programmer replaces the conventional function switch and provides advanced user-defined automatic scheduling options, basic troubleshooting instructions, and door performance and history. It is intended to provide an integrated means for two way communication between the door system and the user. The Eco Pro programmer with the 6 position function allows the building occupier to reduce opening widths on larger door systems to save energy in cold or hot weather.



## DIMENSIONS & SPECIFICATION

- HEADER SIZE:** 116mm high x 175mm deep  
**TYPICAL PACKAGE HEIGHT:** 2300mm to 2700mm  
**WIDTH:** Single slide up to 3100mm. Bi-part up to 4300mm  
**TYPICAL DOOR PANEL WEIGHT:** 150kg  
**DRIVE SYSTEM:** 1/4 HP DC motor, gear drive, toothed belt  
**CONTROLLER:** Microprocessor based, safety logic, watchdog LED  
**MAINS POWER REQUIRED:** 240VAC, 5 amps min.  
**AVAILABLE FINISHES:**

- |                 |  |
|-----------------|--|
| <b>Standard</b> | Silver anodised aluminium (SAA)<br>Powder coated finish (PPC) to a standard RAL or BS colour                           |
| <b>Special</b>  | Powder coated finish (PPC) to a non-standard RAL or BS colour<br>Bronze anodised aluminium<br>Stainless steel cladding |

## MAINTENANCE

To ensure safe operation, long term reliability and working efficiency, a powered door installation should be regularly maintained by the powered door system authorised technician in accordance with the recommendations of BS EN16005 2012.

Because automatic door operators are electromechanical pieces of equipment and microprocessor controlled, we recommend they be serviced at least every six months from date of installation.

All parts supplied and installed by us are covered by a 12 month warranty for faulty components (unless due to misuse, abuse or negligence, etc.) providing the doors are regularly serviced by an approved authorised technician.

## IMPORTANT - SAFETY INFORMATION

The Specifier should ensure that equipment specified for a door installation conforms to the recommendations of the standard.

At the design specification stage, the Specifier should seek specialist advice from, and work in close liaison with, the powered door manufacturers or their approved distributors.

It is particularly important that the Specifier should establish predicted user requirements to enable account to be taken of the volume and type of pedestrian traffic (such as the elderly, the infirm, disabled persons and young children) that is likely to pass through the particular installation at different times of the day.



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