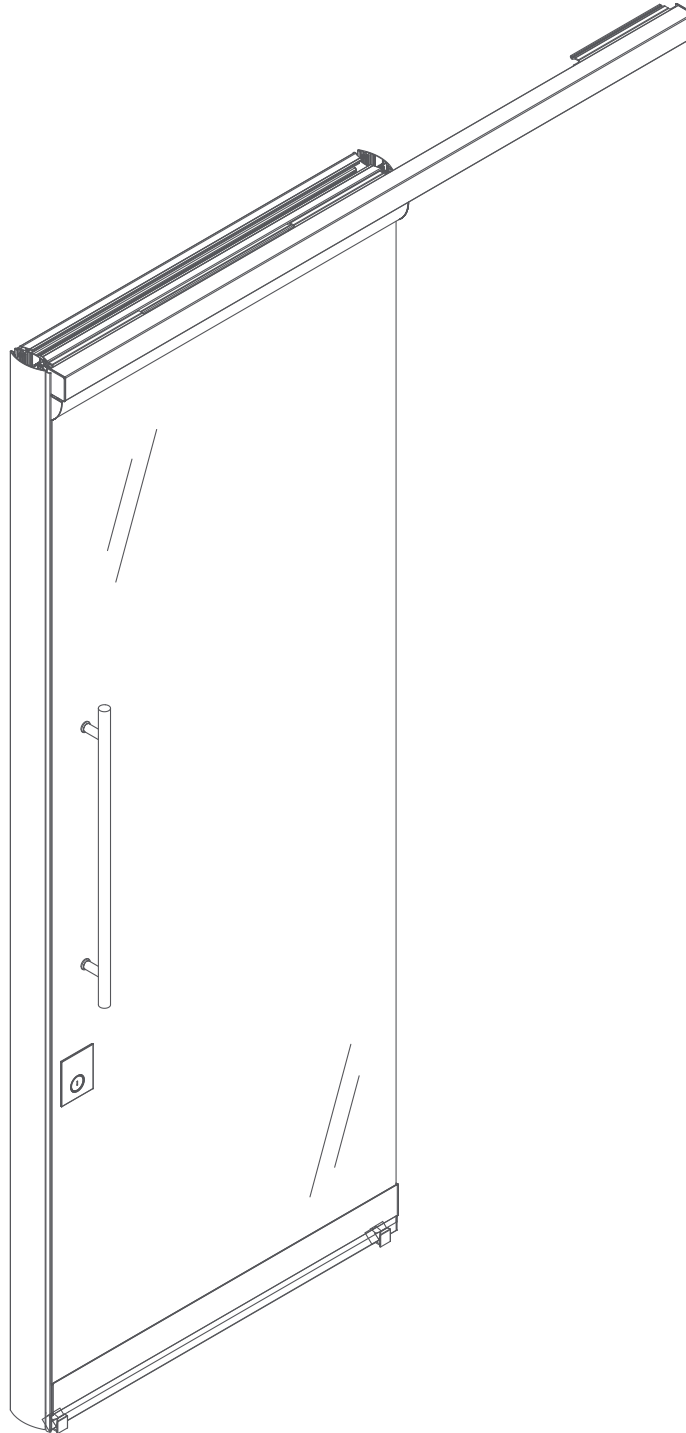


TECH SHEET

FRAMELESS GLASS SLIDING (BARN) DOOR

build better™
DIRTT



COMPONENTS AND MATERIALS

ALUMINUM EXTRUSIONS

Door Rails, Door Frame, Track and Track Cover Extrusions

Architectural Grade and Structural Aluminum Alloys

Aluminum Finish Options

Clear Anodized (5 micron standard)

Powder Coated

Veneer Wrapped (Door frame only)

Custom as required

Sliding Door Track Finish

Clear Anodized

Powder Coated

Veneer Wrapped (Door track cover and bottom outer base extrusions only)

PVC COMPONENTS

Frame Connections

Rigid/Flex Co-extrusion

Ceiling Trim/Wall Start

Rigid/Flex Co-extrusion

Glass Retainer

Rigid/Flex Co-extrusion

PVC Color Options

Black, Charcoal, Silver

Custom as required

DOOR SEAL COMPONENTS

Rigid/Flex PVC Co-extrusion (Guide side)

Fabric/Rigid PVC Co-extrusion (Strike side)

PVC Color options – as above in PVC components

GLASS COMPONENTS

Standard Clear Tempered Glass $\frac{3}{8}$ " (10mm)*

Approved Custom Finishes

**Indicates items to be sourced locally by DIRT Partner (DP).*

DOOR HARDWARE

DIRTT

Bottom Adjustable Skirt

DIRTT LOCKING OPTIONS

Locking Option – Single Door only

Adams Rite Frameless Glass Patch Lock

Locking Pull*

Locking pull available in three standard heights

**for inside office use only*

DIRTT NON-LOCKING OPTIONS

See DIRT Pull Specifications

See DIRT Standard Pull Height, for above finished floor (AFF) locations

CUSTOMER'S OWN MATERIAL

Approved Custom Hardware (Supplied "By Others")

OPERATING FORCE TESTING RESULTS

1. Door utilizing Soft Close mechanism require approximately 8lbs. force to disengage mechanism holding door in closed position and 3-5lbs. rolling load thereafter.
2. Door Utilizing Slow Down Cylinder hardware does not exceed 5lbs operating force (See Engineering Report - Operating Force Test). This solution applies to doors exceeding 175lbs. in weight.

DIMENSIONS AND DETAILS

FRAME/MODULE

Standard Frame Width (Module)	40" (1.016m)
Minimum (Min.) Module Width	
4 Roller	35" (889mm)
8 Roller	40" (1.022m)
Maximum (Max.) Module Width	48" (1.219m)
Double Frame Width (Module)	80" (2.03m)
Min. Module Width	80" (2.03m)
Max. Module Width	96" (2.44m)
Standard Ceiling Height	Up to 120" (3.05m)
Standard Frame Depth	4" (102mm)
Lower Door Guide/Alignment Plates	Locate to adjacent module
Double Door Alignment Plate/Pin	Locate to non-locking door
Frame Height	Oversized in height; cut down on-site to suit opening

DOOR

Standard Door Glass Width	40 $\frac{1}{4}$ " (1.022m)
Min. Door Width	40 $\frac{1}{4}$ " (1.022m)
Max. Door Width	48 $\frac{1}{4}$ " (1.22m)
Standard Clear Opening Width	32 $\frac{5}{16}$ " (821mm)
	7 $\frac{11}{16}$ " (195mm) less than specified module width)
Double Door Clear Opening Width	
1 Door Open	33 $\frac{3}{16}$ " (843mm)
2 Doors Open	66 $\frac{1}{4}$ " (1.68m)
Standard Door Thickness	$\frac{3}{8}$ " (10mm)
Door Height Adjustment	Adjust in conjunction with DIRT moveable system
Standard Top Horizontal	2 $\frac{1}{16}$ " (53mm)
Adjustable Base (if applicable)	5" (127mm) AFF
Max. Weight	200 lbs.

TRACK ASSEMBLY

Track Height	1 $\frac{9}{16}$ " (40mm)
Track Width (standard)	73 $\frac{1}{2}$ " (1.87m) includes end caps and adjusts to suit parametric width
Double Door Track Width (standard)	146 $\frac{3}{4}$ " (3.73m) two tracks joined at middle
Track Depth	1 $\frac{7}{8}$ " (48mm)
Pneumatic Slow Down Mechanism	Attached to door

Installation includes unique hanger design, requiring no fasteners to the DIRT frame system.

FRAME CONNECTIONS

(DIRTT WALL AND/OR DRYWALL TO FRAME)

Hidden Links	Frame alignment and gap control
Visible PVC Connectors	At frame connection between the door frame and the adjacent frame
Over-sized and Double Doors	Must have seismic brackets installed to support track at middle of joint

TRIM COMPONENTS

Ceiling Trim	Flexible trim from top of wall to ceiling
Wall Trim	Rigid connection from door frame to base building; combined with flexible wall trim

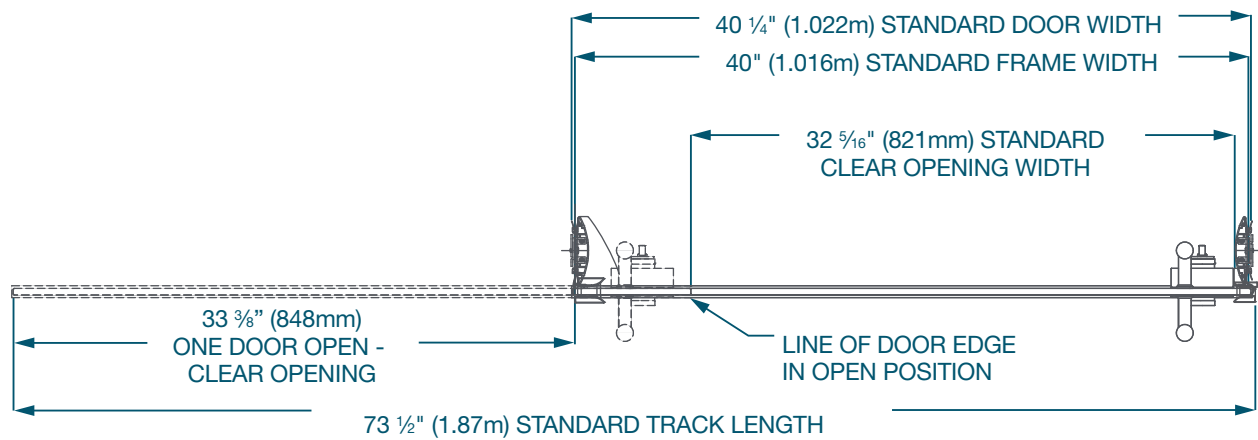
OTHER OPTIONS

- Parametric Door Sizes Available
- Glass or Solid Transom over door (Door frame option)
- Drywall Face Mounted Sliding Door

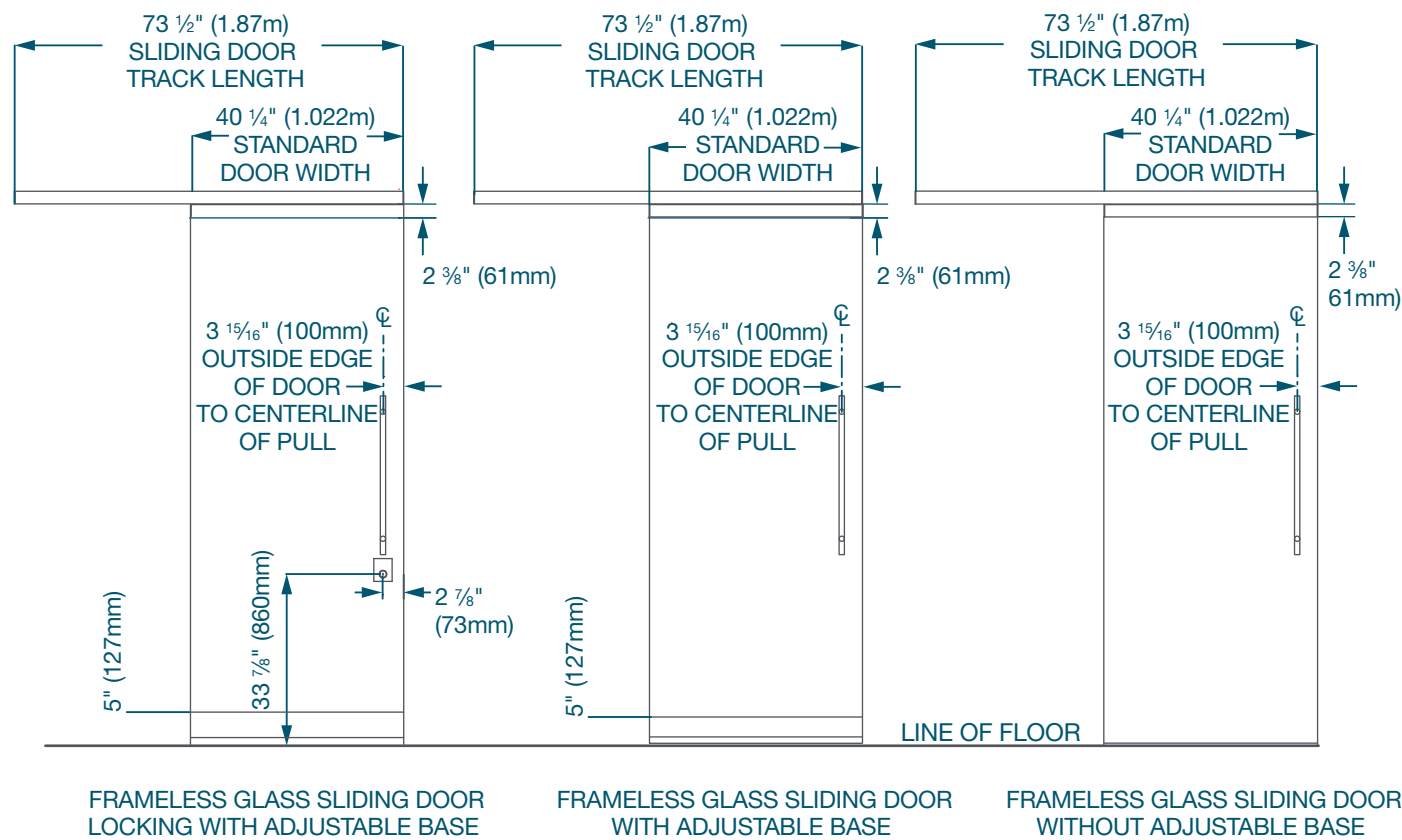
NOTE: DIRTT has designed the standard door sizes to have a consistent frame module width between styles and also consider the minimum clear opening widths as required by section 1008 of the International Building Code (IBC). It is understood that local codes may supersede these requirements, and that alternate sizes are allowable based on application. Any modification to door size must be reviewed and validated to ensure final solution is compliant to the applicable code.



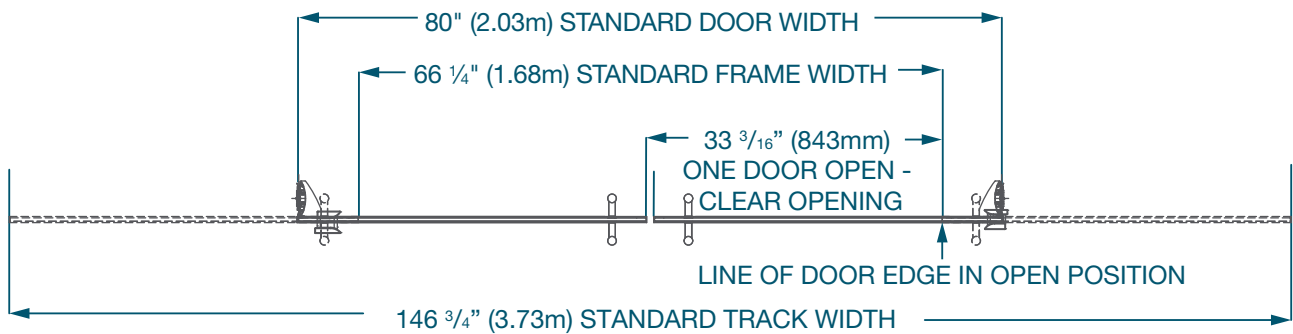
CLEARANCE
[NOT TO SCALE (NTS)]



PLAN VIEW/ELEVATION
(NTS)



CLEARANCE - DOUBLE DOORS
(NTS)



PLAN VIEW/ELEVATION
(NTS)

