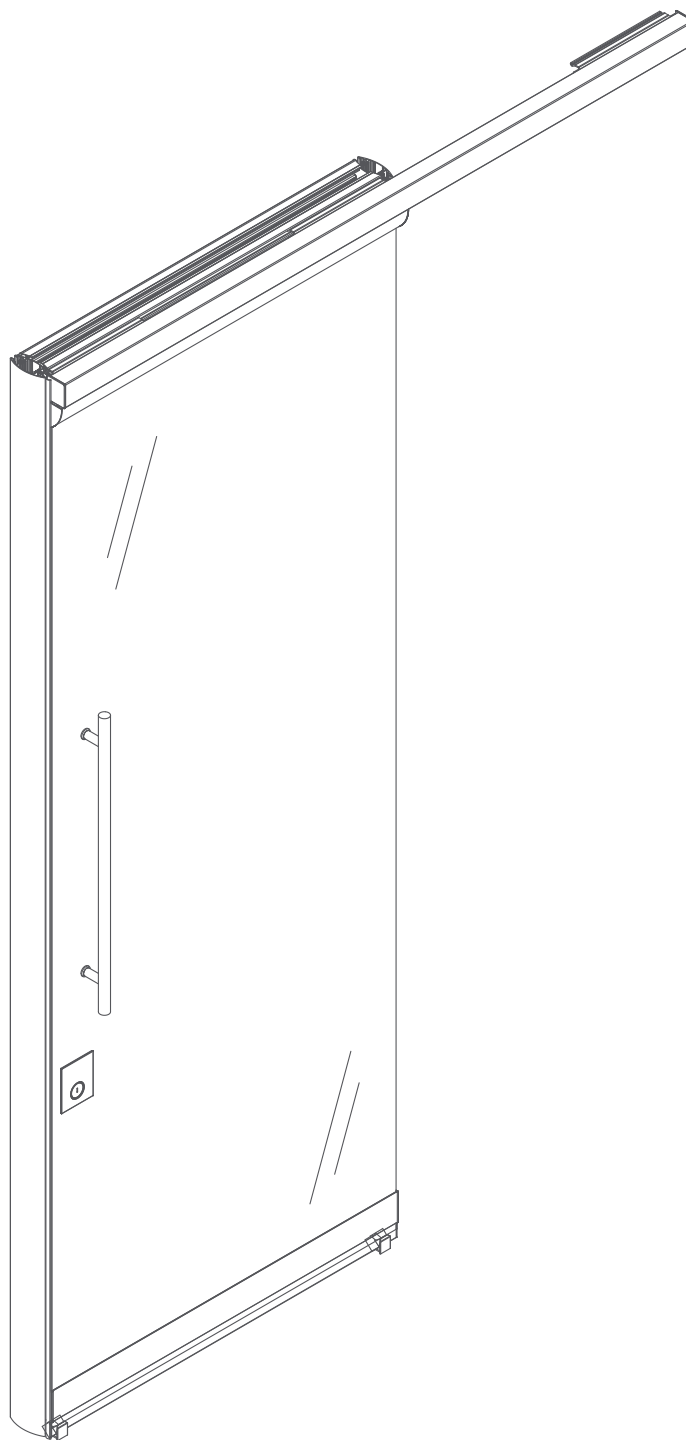


TECH SHEET

FRAMELESS GLASS SLIDING (BARN) DOOR

build better™
DIRTT



COMPONENTS & 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, Door Track Cover, and

Bottom Outer Base Extrusions Only)

Custom as required

Sliding Door Track Finish Clear Anodized 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 T Partner (DP).

DOOR HARDWARE

Manufacturer's own sliding door track, track cover and door roller assembly

DIRTT Door Pulls

See DIRT T Pull Specifications

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

OPTIONAL DOOR HARDWARE

Locking Option – Single Door only

Manufacturer's Lock Housing (glass requires special milling)

Adams Rite 2331-626 Dead lock with custom cam

6 Pin Lock Cylinder - Schlage 26-098C-626

Canaropa Thumbturn TB500CHR

Bottom Adjustable Skirt

Locking Pull

Manufacturer's own locking pull available in 3 standard heights

DIRTT 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 doesn't exceed 5lbs operating force (See Engineering Report - Operating Force Test). This solution applies to doors exceeding 175lbs in weight.

DIMENSIONS & DETAILS

FRAME/MODULE

Standard Frame Width (Module)	40" (1016mm)
Min. Module Width	40" (1016mm)
Max. Module Width	48" (1219mm)
Double Frame Width (Module)	80" (2032mm)
Min. Module Width	80" (2032mm)
Max. Module Width	96" (2438mm)
Standard Ceiling Height	Up to 120" (3048mm)
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 Thickness	$\frac{3}{8}$ " (10mm)
Standard Door Glass Width	40 $\frac{1}{4}$ " (1022mm) wide
Min. Door Width	40 $\frac{1}{4}$ " (1022mm)
Max. Door Width	48 $\frac{1}{4}$ " (1226mm)
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 $\frac{1}{2}$ " (851mm)
2 Doors Open	66 $\frac{1}{4}$ " (1683mm)
Door Height Adjustment	Adjust in conjunction with DIRT T moveable system
Standard Top Horizontal	2 $\frac{3}{8}$ " (61mm)
Adjustable Base (if applicable)	5" (127mm) AFF

TRACK ASSEMBLY

Height	1 $\frac{9}{16}$ " (40mm)
Track Depth	1 $\frac{7}{8}$ " (48mm)
Track Width (standard)	73 $\frac{1}{2}$ " (1867mm) includes end caps. Adjusts to suit parametric widths
Double Door Track Width (standard)	146 $\frac{3}{4}$ " (3728mm) 2 tracks joined at middle
Pneumatic Slow Down Mechanism	Attached to door
Installation includes unique hanger design, requiring no fasteners to the DIRT T 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

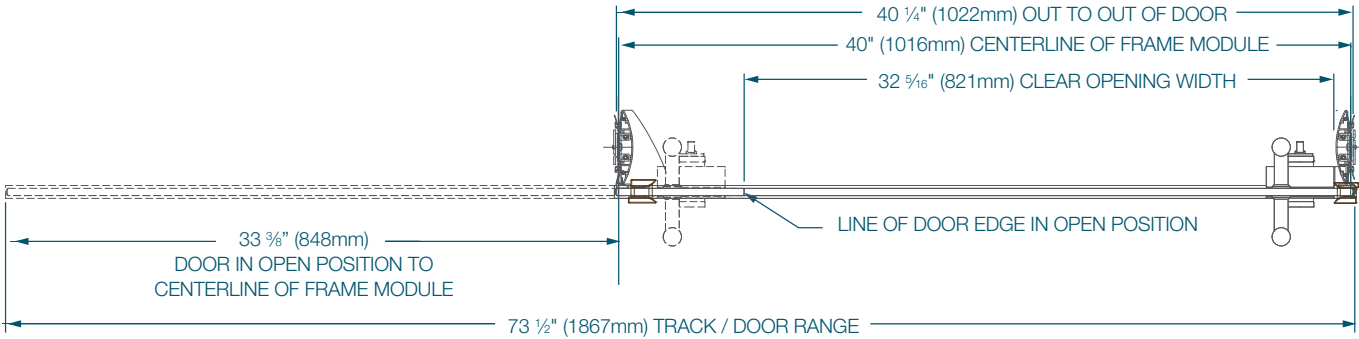
Glass or Solid Transom over door (door frame option)

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.

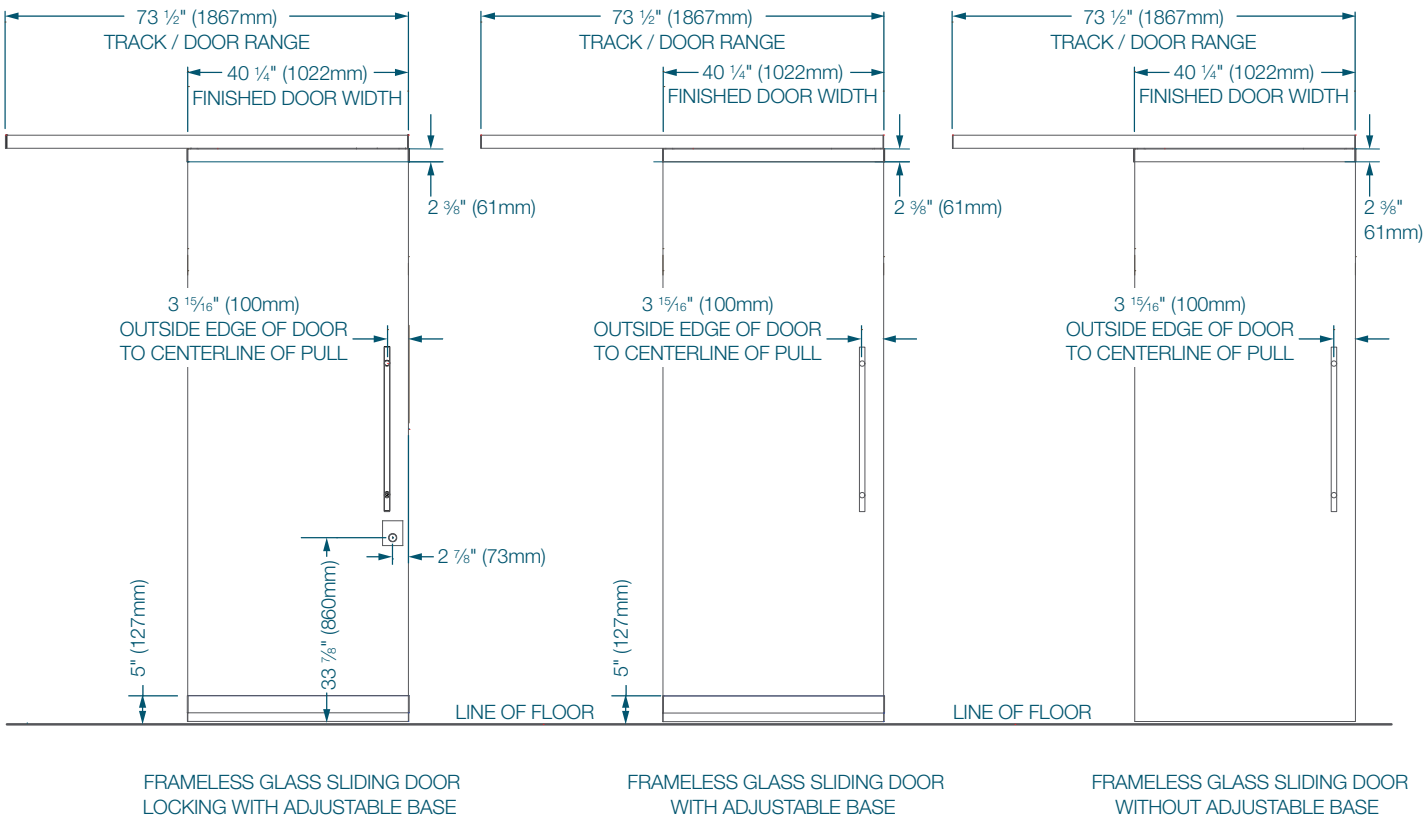


CLEARANCE

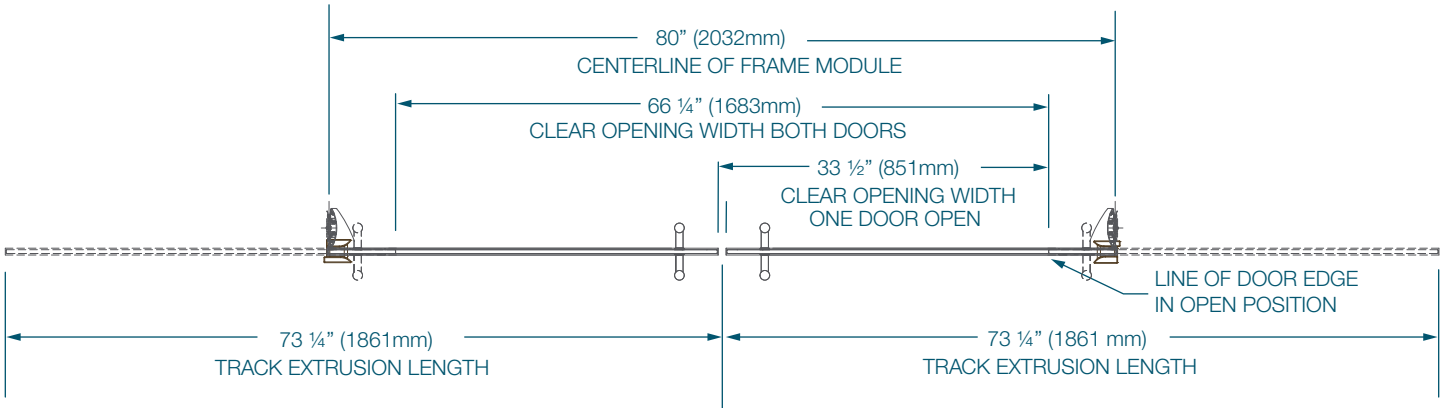


PLAN VIEW/ELEVATION

(NTS)



CLEARANCE - DOUBLE DOOR



PLAN VIEW/ELEVATION

(NTS)

