





DOOR SHOWN IN OPEN POSITION WITHOUT THRESHOLD

Package Width **Clear Slide Opening** Rough Opening Width **Door Panel Width** (10'-0") 120" [3048] 120 1/2" [3061] 43 1/16" [1094] 31 1/4" [794] (12'-0") 144" [3658] 144 1/2" [3670] 55 1/16" [1399] 37 1/4" [946] 168 1/2" [4280] 67 1/16" [1287] 43 1/4" [1099] (14'-0") 168" [4267] (16'-0") 192" [4877] 192 1/2" [4890] 79 1/16" [2008] 49 1/4" [1251] Package Width (Package Width / 4) (Package Width / 2) Width Formulas +1/2" [13] - 16 15/16" [430] + 1 1/4" [32]

1. This Standard Bi-part door package consists of:

A. Operator:

- Two combination motion/presence sensors (one on each side) (See sensor options page)
- ESA II motor drive unit with self-learning and self-monitoring microprocessor controller.
- Jamb mounted 5 function rocker switch panel (see mode switch options page)

- 4-1/2" [114] Medium stile door panels (including 3/4" [19] wide glass stop).
 3-1/4" [83] Optional muntin mounted at 41-3/4" [1060] centerline on all panels (including 3/4" [19] wide glass stop).
- 4" [102] Bottom rails (including 3/4" [19] wide glass stop).
- 1-3/4" [44] x 4-1/2" [114] Double pocket jambs.
- Vertical and horizontal brush type weather stripping (AAMA-701-11Class A).
- Manual mortise lock with thumb turn and key cylinder.
- 3/4" [19] wide snap-in glass stops for glazing from 1/4" [6] to 1-1/4" [32] thick at 1/8" [3] increments. • 3-1/4" [83] x 1/8" [3] Beveled ADA Compliant Threshold.
- Non-breakaway sliding door panels (X) and fixed sidelights (O) panels.

C. Finishes:

- Clear anodized (BHMA 204).
- Dark Bronze anodized (BHMA 313).

2. Optional Transom:

- A. Single vertical 1 3/4" [44] x 4 1/2" [114] double pocket mullion (Standard). Multiple verticals available.
- B. Glass thickness options 1/4" [6] thru 1-1/4" [32] at 1/8" [3] increments.
- C. 1/4" [6] Glass uses pocketed tubes and pressed in-glazing, top and sides.
- D. Other glass thickness use snap-in sash on all sides.

3. Typical Package Options:

- A. Finishes: special anodized, PVDF (wet) paint, powder coat, and cladding available for header, panels and jambs only.
- B. Muntins: multiple muntins, various heights and locations.
- C. Bottom Rails: 7" [178], 10" [254]. Other options available.
- D. Santoprene rubber weather stripping available.
- E. Locking and Security Options:
- Fail-safe autolock sliding carrier lock concealed in header.
- 2-point lock and reinforced strike.
- Security contacts
- Keyed mode switch panel (5 function or 3 function) (see mode switch options page). F. Jambs: 1-3/4" [44] x 4-1/2" [114] and 2" [51] x 6" [152] smooth available.

- A. Drawing dimensions are in English & Metric units. Metric units are displayed as: 1" [25] millimeters.
- B. Package Dimensions: (May be limited by panel weight)
- Min. 10' [3048] to Max. 16' [4877]. Package Width:
- Min. 7'-4 1/2" Max. 10' [3048]. Header Height:
- Max. 12' [3658] with Transom. Package Height: X Panel Weight:
- Max. Weight 350 lbs [160kg].
- C. Maximum special application limits / custom packages:

(Sizes may be restricted due to complexity and application)

- (Please contact dormakaba Architectural Services for dimensions outside of typical sizes above
- Max. 21' [6401]. Package Width:
- Package Height: Max. 14' [4267].
- Max. 12' [3658] Header Height:
- Min 8" [203] to Max 2' [610] Transom Height:
- X Panel Width: Max. Width 72" [1829].

5. Power Requirements: A. 120V +/- 10%, 50/60 Hz, 6.6A peak, 250 W. Up to 4 operators on a single 20A breaker.

D. The maximum self-supported header width is 16' with 200 lb [90kg] X Panels.

- 6. Standards of Compliance:

Service to header by electrician.

- A. UL 325 & CSA 22.2 (listed with ETL).
- B. Designed to comply with these standards depending on installation and application:
- International Building Code (Section 1008).
- ANSI/ BHMA 156.10.
- ANSI/ BHMA 156.38.
- NFPA 101 Life Safety Code (Section 7.2.1.9).
- C. Refer to Local, State, National or AHJ. Building Code for minimum door height and minimum/maximum width allowable for egress requirements.
- D. Minimum ADA is 32" clear slide opening.
- 7. Contact dormakaba Architectural Services for more information:

A. Phone: 1-844-SPEC-NOW (1-844-773-2669)

NOTE: THIS PRODUCT DOES NOT BREAK OUT, NOT INTENDED FOR EMERGENCY EGRESS.

> Sheet 1 of 1 dormakaba 🖊

> Drawing Title: ESA100 AUTOMATIC SLIDING DOOR

NON-BREAKOUT **BI-PART**

Subject to Change Without Notice.

MEDIUM STILE Date: 24-JUN-2022