



Package Width	Rough Opening Width	Clear Slide Opening	Door Panel Width	Breakout Width
(7'-0") 84" [2134]	84 1/2" [2146]	32 11/16" [830]	42 3/8" [1076]	38 1/16" [967]
(8'-0") 96" [2438]	96 1/2" [2451]	38 11/16" [982]	48 3/8" [1229]	44 1/16" [1119]
(9'-0") 108" [2743]	108 1/2" [2756]	44 11/16" [1135]	54 3/8" [1381]	50 1/16" [1272]
Width Formulas	Package Width + 1/2" [13]	(Package Width / 2) - 9 5/16" [237]	(Package Width / 2) + 3/8" [10]	(Package Width / 2) - 3 15/16" [100]

- This Standard Surface Applied Single door package consists of:
  - 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).
  - Panels:
    - 4 1/2" [114] Medium stile door panels (including 3/4" [19] wide glass stop).
    - 5-1/2" [140] Optional muntin mounted at 41-3/4" [1060] centerline on all panels (including 3/4" [19] wide glass stop).
    - Recessed exit device mounted on SX panel muntin.
    - 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 two point 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.
    - ITS Hydraulic self-closer in SX panels.
    - Breakaway sliding door panels (SX) and vertical pocket tubes (P).
  - Finishes:
    - Clear anodized (BHMA 204).
    - Dark Bronze anodized (BHMA 313).
- Typical Package Options:
  - Finishes: special anodized, PVDF (wet) paint, powder coat, and cladding available for header, panels and jambs.
  - Muntins: multiple muntins, various heights, locations and recessed exit device.
  - Bottom Rails: 7" [178], 10" [254]. Other options available.
  - Santoprene rubber weather stripping available.
  - Locking and Security Options:
    - Bi-stable autolock sliding carrier lock concealed in header.
    - 3-point lock and reinforced strike.
    - Security contacts.
    - Keyed mode switch panel (5 function or 3 function) (see mode switch options page).
    - Recessed exit device in 5 1/2" [140] in SX muntin.
  - Jambs: 1-3/4" [44] x 4-1/2" [114] pocketed and 2" [51] x 6" [152] smooth available.
- Dimensions:
  - Drawing dimensions are in English & Metric units. Metric units are displayed as: 1" [25] millimeters.
  - Typical Package Dimensions (Glass thickness may be limited by panel size):
    - Each door package is manufactured to your custom size requirements.
    - Package Width: Min. 7' [2134] to Max. 9' [2743].
    - Header Height: Min. 7'-4 1/2" Max. 10' [3048].
    - SX Panel Weight: Max. Weight 200 lbs [90kg].
  - 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)
    - Package Width: Min. 7' [2134] to Max. 9'-6" [2896].
    - Header Height: Max. 12' [3658].
    - SX Panel Width: Max. Width 56" [1422].
    - SX Panel Size Limit = (SX Panel Width x Weight) < 800 ft-lbs [1084 N-m] Max.
- Power Requirements:
  - 120V +/- 10%, 50/60 Hz, 6.6A peak, 250 W. Up to 4 operators on a single 20A breaker. Service to header by electrician.
- Standards of Compliance:
  - UL 325 & CSA 22.2 (listed with ETL).
  - 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).
  - Refer to Local, State, National or AHJ. Building Code for minimum door height and minimum/maximum width allowable for egress requirements.
  - Minimum ADA is 32" clear slide opening.
- Contact dormakaba Architectural Services for more information:
  - Phone: 1-844-SPEC-NOW (1-844-773-2669)

ESA200 SMP Sheet 1 of 1

**dormakaba**

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Drawing Title: **ESA200 AUTOMATIC SLIDING DOOR**

**SURFACE APPLIED SINGLE MEDIUM STILE**

\* dormakaba Subject to Change Without Notice. Date: 13-JUL-2022