



Package Width	Rough Opening Width	Clear Slide Opening	Door Panel Width	Breakout Width
(7'-0") 84" [2134]	84 1/2" [2146]	38 11/16" [983]	39 9/16" [1005]	77 13/16" [1972]
(8'-0") 96" [2438]	96 1/2" [2451]	44 11/16" [1135]	45 9/16" [1157]	89 13/16" [2286]
(9'-0") 108" [2743]	108 1/2" [2756]	50 11/16" [1287]	51 9/16" [1310]	101 13/16" [2586]
Width Formulas	(Package Width) + 1/2" [13]	(Package Width / 2) - 3 5/16" [84]	(Package Width / 2) - 9/16" [14]	(Package Width) - 6 3/16" [157]

- This Standard Single Fine Frame 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:
 - 3-7/16" [88] Bottom rails.
 - 1 3/4" [44] x 4 1/2" [114] Double Pocket jambs.
 - Vertical and horizontal brush type weather stripping (AAMA-701-11Class A).
 - Floor Bolt Lock, one per SX panel (threshold required).
 - ADA compliant surface applied track and threshold 1/2" [13] x 4 1/2" [114].
 - Emergency Breakaway sliding door panels (SX) and breakaway sidelights (SO) panels.
 - 3/8" [10] thick Clear Tempered Float Glass factory glazed panels.
 - Finishes:
 - Clear anodized (BHMA 204).
 - Dark Bronze anodized (BHMA 313).
- Optional Transom:
 - Single vertical 1 3/4" [44] x 4 1/2" [114] double pocket mullion (Standard). Multiple verticals available.
 - Glass thickness options 1/4" [6] thru 1-1/4" [32] at 1/8" [3] increments.
 - 1/4" [6] Glass uses pocketed tubes and pressed in-glazing, top and sides.
 - Other glass thickness use snap-in sash on all sides.
- Typical Package Options:
 - Finishes: special anodized, PVDF (wet) paint, powder coat, and cladding available. header, panels and jambs only.
 - Santoprene rubber weather stripping available.
 - Locking and Security Options:
 - Bi-stable Autolock sliding carrier lock concealed in header.
 - DG1000 type exit device (SX panels).
 - Jambs: 1 3/4" [44] x 4 1/2" [114] and 2" [51] x 6" [152] smooth available.
- Drawing Notes:
 - Drawing dimensions are in English & Metric units. Metric units are displayed as: 1" [25] millimeters.
 - Package Dimensions: (May be limited by panel weight):
 - Each door package is manufactured to your custom size requirements.
 - Package Width: Min. 6'-6" [1981] to Max. 8' [2438].
 - Header Height: Min. 7'-4 1/2" Max. 8' [2438].
 - Package Height: Max. 12' [3658] with Transom.
 - SX and SO Panel Weight: Max. 225 lbs [102 kg].
 - Maximum special application limits: (Sizes may be restricted due to complexity and application) (Please contact Dorma Architectural Services for dimensions outside of typical sizes above).
 - Package Width: Min. 6'-6" [1981] to Max. 9' [2743].
 - Package Height: Max. 14' [4267].
 - Header Height: Max. 10' [3048].
 - Transom Height: Min. 8" [203] to Max. 4' [1220].
 - SX and SO Panel Width: Max. 54" [1219].
 - SX Panel Size Limit = (SX Panel Width x Weight) < 900 ft-lbs [1220 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.
 - 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.
- Contact Dorma Architectural Services for more information:
 - Email: Autosupport@dorma-usa.com
 - Phone: 1(844)773-2669

ESA400_S Sheet 1 of 1

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Drawing Title: **ESA400 AUTOMATIC SLIDING DOOR**

FULL BREAKOUT SINGLE FINE FRAME

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