



Package Width	Rough Opening Width	Clear Slide Opening	Door Panel Width	Breakout Width
(13'-0") 156" [3962]	156 1/2" [3975]	97 1/8" [2467]	25 7/16" [646]	143 1/16" [3634]
(14'-0") 168" [4267]	168 1/2" [4280]	105 1/8" [2670]	27 7/16" [697]	155 1/16" [3939]
(16'-0") 192" [4877]	192 1/2" [4890]	121 1/8" [3077]	31 7/16" [799]	179 1/16" [4548]
(18'-0") 216" [5486]	216 1/2" [5499]	137 1/8" [3483]	35 7/16" [900]	203 1/16" [5158]
Width Formulas	(Package Width) + 1/2" [13]	(Package Width x 2/3) - 6 7/8" [175]	(Package Width / 6) - 9/16" [14]	(Package Width) - 12 15/16" [329]

- This Bi-part Fine Frame Telescopic 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.
    - 2" [51] x 6" [152] Smooth 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 6 5/8" [168].
    - 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 2" [51] x 6" [152] smooth mullion (Standard). Multiple verticals available.
  - Glass thickness options 1/4" [6] thru 1-1/4" [32] at 1/8" [3] increments.
  - 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).
- 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. 12'-6" [3810] to Max. 16' [4877].
    - Header Height: Min. 7'-5 1/8" 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. 12'-6" [3810] to Max. 21' [6401].
    - 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

ESA400T\_B

Sheet 1 of 1

**DORMA USA Inc.**  
924 Sherwood Dr. Lake Bluff, IL 60044 Phone: 800-523-8483

Drawing Title: **ESA400T TELESCOPIC AUTOMATIC SLIDING DOOR**  
**FULL BREAKOUT BI-PART FINE FRAME**

© DORMA USA Inc. Subject to Change Without Notice. Date: 25-FEB-2015