

Package Width

+1/2" [13]

Width Formulas

(Package Width / 2)

- 6 9/16" [167]

(Package Width / 2)

- 1/2" [13]

1. This Surface Applied Single 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).
- B. Panels:
 - 2-5/8" [67] Narrow 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 vertical pocket tubes (P).
- Clear anodized (BHMA 204).
- Dark Bronze anodized (BHMA 313).

2. 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, locations and recessed exit device.
- 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. Typical Package Dimensions (Glass thickness my be limited by panel size):
- Each door package is manufactured to your custom size requirements. Min. 6'-6" [1981] to Max. 8' [2438]. Package Width:
- Header Height: Min. 7'-4 1/2" Max. 10' [3048].
- Max. Weight 440 lbs [200kg]. X Panel Weight:
- C. 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: Max. 21' [6401]. Header Height: Max. 12' [3658].
 - X Panel Width: Max. Width 72" [1829].
- D. The maximum self-supported header width is 12' with 440 lb [200kg] X Panels.

4. Power Requirements:

- A. 120V +/- 10%, 50/60 Hz, 6.6A peak, 250 W. Up to 4 operators on a single 20A breaker. Service to header by electrician.
- 5. Standards of Compliance:
- 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.
- 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.
- 6. Contact Dorma Architectural Services for more information:
- A. Email: Autosupport@dorma-usa.com
- B. Phone: 1(844)773-2669

Sheet 1 of 1

DORMA USA Inc.

Drawing Title: ESA100 AUTOMATIC SLIDING DOOR

NON-BREAKOUT SURFACE APPLIED SINGLE NARROW STILE Date: 19-FEB-2015

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