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

A. Operator:
   - Two combination motorized sash sensors (one on each side) (See sensor options page)
   - ESA II motor drive unit with self-learning and self-monitoring microprocessor controller
   - 2 function rocker switch plate (see mode switch options page)
B. Panels:
   - 3'-4" [100] Optional muntin mounted at 41'-3" [1250] centerline on all panels (including 3/4" [19] wide glass stop).
   - 4'-11" [144] Double pocket panel.
   - Vertical and horizontal brush type weather stripping (AAMA-701-11Class A).
   - Manual two point mortise lock with thumb turn and key cylinder.
   - ESA II motor drive unit with self-learning and self-monitoring microprocessor controller.
C. Optional Transom:
   - Single vertical 3'-4" [100] double pocket muntin (Standard). Multiple verticals available.
   - Glass uses pocketed tubes and pressed in-glazing, top and sides.
   - Limit arm on SX and SO Panels.
   - See sensor options in SO panels.
D. Finishes:
   - Clear anodized (BHMA 204).
   - Dark Bronze anodized (BHMA 313).
   - Clear anodized (BHMA 204).
   - Dark Bronze anodized (BHMA 313).

2. Optional Transom:
   - Single vertical 3'-4" [100] double pocket muntin (Standard). Multiple verticals available.
   - Glass uses pocketed tubes and pressed in-glazing, top and sides.
   - Limit arm on SX and SO Panels.

3. Typical Package Options:
   A. Finisher, special anodized, PVDF (net) powder, coat and cladding available.
   B. Muntins: multiple, various heights, locations and recessed exit device.
   C. Bottom Rails: 7" [178], 10" [254]. Other heights available.
   D. Sash/reverse rubber weather stripping available.
   E. Locking and Security Options:
      - B-stable autoclave sliding center lock concealed in header.
      - 3-point lock and reinforced strike.
      - Security studs.
      - Keyed mode switch panel (5 function or 3 function) (use mode switch options page)
   F. Recessed or 3-piece surfaced applied threshold available.
   G. Jamb: 1 3/4" [44] x 4-1/2" [114]

4. Drawing Notes:
   A. Drawing dimensions are in English & Metric units. Metric units are displayed as "m" [mm] millimeters.
   B. Typical package dimensions. Glass thickness may be limited by panel size.
      - Each door package is manufactured to your custom size requirements.
      - Package Width: Min. 6'-4" [200] to Max. 16'-0" [4877].
      - Header Height: Min. 7'-1" [2159] Max. 10'-4" [3142].
      - Header Height: Min. 12" [305] with Transom.
      - SX Panel Weight: Max. Weight 200 lbs [90 kg].
      - Maximum special application limits (Glass may be limited due to complexity and application)
         - Package Weight: Min. 6'-4" [200] to Max. 16'-0" [4877].
         - Package Height: Max. 10" [254].
         - Header Height: Max. 12" [305].
         - Transom Height: Min. 8" [203] to Max. 11'-10" [3589].
         - SX Panel Weight: Max. Weight 60" [1524].
         - SX Panel Weight: Max. Weight 60" [1524].
         - SX Panel Height: Max. 250 lbs [113 kg].
      - SX Panel Limit = SX Panel Width x Height = 800 lbs [1084 N-m] Max.  

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

6. Standards of Compliance:
   A. UL 325 & CSA 22.2-2 (listed with ETL).
   B. Designed to comply with these standards depending on installation and application:
      - International Building Code (Section 1008).
      - ANSI/BHMA A156.10.
      - NFPA 101 Life Safety Code (Section 7.2.1.9).
      - NFPA 101 Life Safety Code (Section 7.2.1.9).
      - ADF Standard Surface applied back and threshold 1/2" (12) x 4 1/2" (114).
      - Breakaway sliding door panels (SX) and breakaway sidelights (SO) panels.
      - Limit arm on SX and SO Panels.
      - Clear anodized (BHMA 204).
      - Dark Bronze anodized (BHMA 313).

7. Contact Dorma Architectural Services for more information:
   A. Email: Autosupport@dorma-usa.com
   B. Phone: 1(800)447-2369

**DORMA USA Inc.**

**ES300_AW**

**Sheet 1 of 1**