1. The ED50, ED100 & ED 250 Single Pull package consists of:

A. Operator:
   - ED50 Low Energy door leaf:
     - Up to 48" [1219] wide, 220 lbs [100]
   - ED100 Low Energy door leaf:
     - Up to 48" [1219] wide, 250 lbs [113]
   - ED100 Full Power door leaf:
     - Up to 48" [1219] wide, 220 lbs [100]
   - ED250 Low Energy door leaf:
     - Up to 48" [1219] wide, 700 lbs [317] (interior applications only)
     - Up to 48" [1219] wide, 600 lbs [272] (exterior applications - prevailing conditions at opening must be considered)
   - ED250 Full Power door leaf:
     - Up to 48" [1219], 320 lbs [145] (exterior applications - prevailing conditions at opening must be considered)

B. Arm Kit:
   - Deep Pull arm reveal = 0" to 2 1/4" [57] Max.
   - Standard 20MM [1 3/16"] axle extension kit.

C. Connection Kit:
   - #12 x 2-1/2" Phillips Flat Head Wood Screws.
   - #12 x 1-1/2" Phillips Flat Head Self Drilling Screw.
   - #6 x 1-3/4" Pan head wood screws to mount track.
   - #6 x 0.5 x 30mm Pan head machine screws to mount track.
   - Maximum 52" [1320 wide, 550 lbs [290]

2. Finishes:
   A. Extruded Cover:
      - Clear or Dark Bronze anodized finish (Standard).
      - Custom painted.
      - Custom anodized.
      - Cladding.
   B. Arms:
      - Silver or black painted.
   C. Endcaps:
      - Black anodized.

3. Typical Package Options:
   A. dormakaba Upgrade cards. (See brochure for details).
   B. Axle extensions (See chart for available lengths).
   C. Alternate deep pull arm with reveal = 0" to 2 1/4" [57] Max.

4. Drawing Notes:
   A. Drawing dimensions are in English & Metric units, Metric units are displayed as: "1234" mm or inches.
   B. Operator dimensions:
      - Each door operator is manufactured to your custom width requirements.
      - Operator weight: 30 lbs [13kg]
      - Maximum opening angle of 110°
      - Auxiliary/External stop recommended.
      - See installation manual for further details.

5. Power Requirements:
   A. 115V +5/-5%, 50Hz or 60Hz peak (per operator), Service to header by electrician.

6. Standards of Compliance:
   A. UL 325 & CSA 22.2 (listed with UL).
   B. 150 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.
   D. Tested to UL 10C 90 min., Positive Pressure fire test for door assembly.

7. Contact Dorma Architectural Services for more information:
   A. Email: SPECNOW@dorma.com
   B. Phone: 1-844-SPEC-NOW (1-844-773-2889)