1. The ED50, ED100 & ED 250 Pair 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, 700 lbs [317]
      (interior applications only)
      - Up to 48” [1219] wide, 600 lbs [227]
      (exterior applications - prevailing conditions at opening must be considered)
      - ED250 Low Energy door leaf: - Up to 48” [1219], 320 lbs [149]
      (exterior applications - prevailing conditions at opening must be considered)

   B. Arm Kit:
      - Pull arm reveal = 0” to 18” [457] Max.
      - 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.
      - #10 x 1-1/2” Phillips Flat Head Self Drilling Screws.
      - #8 x 1-3/4” Pan head wood screws to mount track.
      - MS 0.6 x 30mm Pan head machine screws to mount track.
      (Maximum 52” [1320 wide, 550 lbs [295])

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. Auxiliary/External stop recommended.

4. Drawing Notes:
   A. Days/dimensions are in English & Metric units. Metric units are displayed as: 1” [25] mm/mils.
   B. Operator dimensions:
      - Each door operator is manufactured to your custom width requirements.
      - Operator weight: 30 lbs [13kg]
   C. Maximum opening angle of 110º.
   D. Auxiliary/External stop recommended.
   E. See installation manual for further details.

5. Power Requirements:
   A. 115V ±5%, 50Hz, 6A peak (per operator). Service to header by electrician.

6. Standards of Compliance:
   A. UL 325 & CSA 22.2 (listed with UL).
   B. Designed to comply with these standards depending on installation and application:
      - International Building Code (Section 1008).
      - ANSI/ASHRAE 156.10 (2010 version) (Requires monitored safety sensors)
      (May also require gate rails depending on configuration).
      - NFPA 101 Life Safety Code (Section 7.2.1.5).
   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 (1-844-773-2880)