



1. The ED100 & ED 250 Single Deep Pull package consists of:
- A. Operator:
- ED100 LE / FE door leaf:
 - Up to 36" [914] wide, 250 lbs [113].
 - Up to 42" [1066] wide, 220 lbs [100].
 - ED250 LE 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 FE door leaf:
 - Maximum 52" [1320], 550 lbs [250]. (exterior applications - prevailing conditions at opening must be considered)
- B. Arm Kit:
- Pull arm reveal = 0" to 1-11/16" [43] Max.
 - Based on typical 1-3/4" door thickness
 - 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 Screws.
 - #8 x 1-3/4" Pan head wood screws to mount track.
 - M5 x 0.8 x 30mm Pan head machine screws to mount track. (Maximum 52" [1320 wide, 550 lbs [250])
2. Finishes:
- A. Extruded Cover:
- Clear (BHMA 204) or Dark Bronze (BHMA 313) anodized finish (Standard).
 - Custom painted.
 - Custom anodized.
 - Cladding.
- B. Arms:
- Silver or black painted.
3. Typical Package Options:
- A. dormakaba Upgrade cards. (See brochure for details).
- FE upgrade card. (for ED100 only - ED250 is preloaded with FE option)
 - Fire Protection upgrade card.
 - Barrier-Free Toilet upgrade card.
- 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: 1" [25] millimeters.
- B. Operator dimensions:
- Each door operator is manufactured to your custom width requirements (Minimum header width 30" [762]).
 - Operator weight: 30 lbs [13kg].
- C. Maximum opening angle of 110°.
- D. See installation manual for further details.
5. Power Requirements:
- A. 120V +10%/-15%, 50/60 Hz, 6.6A 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/ BHMA 156.10 (Requires additional overhead activation and safety sensors) (May also require guide rails depending on configuration).
 - ANSI/ BHMA 156.19 (Requires additional knowing activation devices not shown in drawing).
 - 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.
- D. Tested to UL 10B 90 min. fire rated door assembly.
7. Contact dormakaba Architectural Services for more information:
- A. Phone: 1-844-SPEC-NOW (1-844-773-2669)