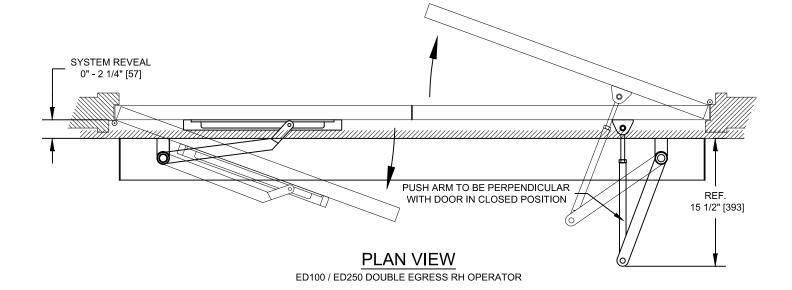


ED100 / ED250 PUSH OPERATOR

RIGHT HAND DOOR SHOWN



PULL AXLE PULL PUSH AXLE PUSH PUSH **EXTENSION AXLE DISTANCE EXTENSION** SHOE HEIGHT | ARM CLEARANCE STANDARD 9/16" [14] 1 3/16" [30] 2 11/16" [69] 1 3/4" [44] FLUSH (SHOWN) 1 3/16" [30] 1 3/4" [44] 2 3/8" [60] 3 7/8" [99] 2 15/16" [74] 2 3/8" [60] 2 15/16" [74] 3 9/16" [90] 5 1/16" [129] 4 1/8" [104] FOR ED250 ONLY

1. The ED100 & ED 250 Double Egress package consists of:

A. Operator

ED100 LE / FE door leaf:

- Maximum 43" [1092] wide, 220 lbs [100].
- ED250 LE door leaf:
- Maximum 38" [965] wide at 265 lbs [120]
- Maximum 46" [1168] wide at 165 lbs [75].
- ED250 FE door leaf:
- Maximum 55" [1400] wide at 550 lbs [250]
- Maximum 63" [1600] wide at 420 lbs [190].
- · Operator is NOT handed, can be Left or Right.
- B. Standard Cover length at 27" [686] extruded aluminum with plastic endcaps

- Push arm reveal = 0" to 8 3/4" [222] Max
 Deep pull arm reveal = 0" to 2 1/4" [57] Max
- System reveal = 0" to 2 1/4" [57] Max.
- 1 3/16" [30] axle extension kit.
- D. Connection Kit:
- #14 x 2-1/2" Phillips Flat Head Wood Screws.
- #14 x 1-1/4" Phillips Flat Head Self Drilling Screws.
- #12 x 1 1/2" pan head wood screws to mount shoe.
- M6 x 1 x 20mm pan head machine screws to mount shoe.
- #8 x 1-3/4" SPAX pan head wood screws to mount track.
- M5 x 0.8 x 30mm pan head machine screws to mount track.
- E. Required ANSI labels.

2. Finishes:

A. Extruded Cover

- Clear (BHMA 204) or Dark Bronze (BHMA 313) anodized finish (Standard).
- · Custom painted.
- Custom anodized. · Cladding.
- B. Endcaps:
- Silver or black painted.
- C. Arms: Silver or black painted.
- Typical Package Options:
- A. Professional cover (pair) 56" [1422] to 125" [3175].
- B. dormakaba Upgrade cards. (See brochure for details).
- FE upgrade card.
- Fire Protection upgrade card.
- Professional upgrade card
- Barrier-Free Toilet upgrade card.
- C. Vario Cover Kit (a pair cover made with 2 singles) (see options page)
- D. Axle extensions (See chart for available lengths).
- Drawing Notes:
- A. Drawing dimensions are in English & Metric units. Metric units are displayed as: 1" [25] millimeters.
- B. Operator dimensions:
 - Width x Height x Depth: 27" [686] x 2 3/4" [70] x 5 1/8" [130].
 - Operator weight: 26.5 lb [12 kg].
- C. Maximum opening angle of 110°.
- D. See installation manual for further details.

Power Requirements:

A. 120V +/- 10%, 50/60 Hz, 6.6A peak (per operator). Service to header by electrician.

- 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 (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)

Sheet 1 of 1 dormakaba

Drawing Title: ED100 & ED250 AUTOMATIC SWING DOOR

DOUBLE EGRESS SURFACE APPLIED FE & LE © dormakaba USA Inc. Subject to Change Without Notice. Date: 10-MAY-2022