

record SimpleSwing SD, HD series door operators—technical data sheet

General

- All SimpleSwing SD, HD series single door units are supplied with an arm assembly, a two piece header, 1/4 or 1/8 hp motor, gear box and controller.
- All SimpleSwing SD, HD double door units are supplied with two arm assemblies, a two piece header, 2-1/4 or 1/8 hp motors, 2- gear boxes and controllers.
- Single Doors—SimpleSwing SD are provided in 36" door widths
- Single—SimpleSwing HD,- units provided in 36", 42" or 48" door widths.
- Pairs of doors SimpleSwing SD in door widths of 72"
- Pairs of doors SimpleSwing HD—units provided in door widths of 72", 84" or 96"
- All SimpleSwing SD, HD series operators are field reversible

Header Dimensions

SimpleSwing SD, HD —4.5 x 5" x opening width

Door capacity motor sizes

SimpleSwing SD is equipped with a 1/8 hp electric Eco-pulse motor.

Maximum door width is 36"

Maximum door weight **175lbs**

Interior use only

SimpleSwing HD is equipped with a 1/4 hp electric Eco-pulse motor.

Maximum door width is 48"

Maximum door weight **400lbs**

Heavy Duty

Interior or exterior use

Consult factory for heavier doors

Arm Options

Standard arm —outswing or inswing— for use with butt hung, center pivoted or continuous geared hinged doors. Reveal limitation is 12" on push side. Reveal limitation is 1" on pull side Minimum distance between Door frame F and opposing wall is 7" on pull side.

Track Arm — Outswing or Inswing— for use with butt hung, center pivoted or continuous geared hinged doors. Maximum reveal limitation is 6" on push side Maximum reveal limitation is 3" on pull side

Double Egress — One track arm and one standard arm for use on opposing swing doors

Arm Adapters

An extension adapter is included with each arm assembly, connecting the drive arm to the operator output shaft. The standard adapter supplied is a 35 mm adapter, mounting the drive arm approximately 1-1/8" below the bottom of the header.

Optional adapters are available that will increase or decrease the distance below the header.

20MM—Accommodates up to 1/2" stop

Works well with narrow stile doors

Provided as standard with track arm

35MM— Accommodates up to a 5/8" stop

Works well for narrow and medium stile doors

Provided as standard with standard arm

50MM—Accommodates up to a 1" stop

Allows for use on Double Egress doors with

triple step frame. Provides flexibility in the mounting height of the unit.

80MM—Used for Double Egress same side operator mounting. Provides additional flexibility in operator mounting height.

For double-egress installations, the Double-Egress kit, includes an offset adapter for the track arm and a 50mm adapter for the standard arm, accommodating a double-rabbit frame.

Opening angles

Angles - track arm - 90 degrees

Standard arm— 120 degrees

Electrical requirements

120 VAC @15 amps 60hz

Power supply

24V AC/DC @.5 amp for magnets, electric strikes

Features

SimpleLynk Display

One Button Setup

Adjustable Hold open

Non-Handed

Push or pull same unit

Electro-Mechanical

Full Length Header

Microprocessor Control

Electric Latch Assist

Adjustable Latch check speed

Programmable Controls

Positive Stop

record SimpleSwing SD, HD series door operators—technical data sheet

Features

- Positive Stop
- Built in Interface w/ EI Strike
- Built in Interface for Bodyguard
- UL Listed-Electrical UL325
- UL Listed- 3 Hour Fire UL228
- Diagnostic evaluation
- 3 year Warranty

Programmable functionality

- Simplelynk
- One button set up
- Field reversible
- Adjustable closing speed
- Adjustable opening speed
- Adjustable hold open time
- Power Assist
- Power Assist Closing
- Push-N-Go
- Auto-Reverse
- Adjustable opening angle
- Astragal coordinator
- Power boost
- Adjustable opening force
- Adjustable closing force
- Power open Spring close
- Power Open/Power close
- Spring Open/Power close

Certifications

- SimpleSwing SD, HD series ANSI/BHMA 156.19
- UL325/UL228

Coordinator

- Built in door coordinator of pairs of doors

Door Position switch

- Provides signal indicating whether the door is open or closed

Warranty

- 1 year on the SimpleSwing SD
- 3 year on the SimpleSwing HD