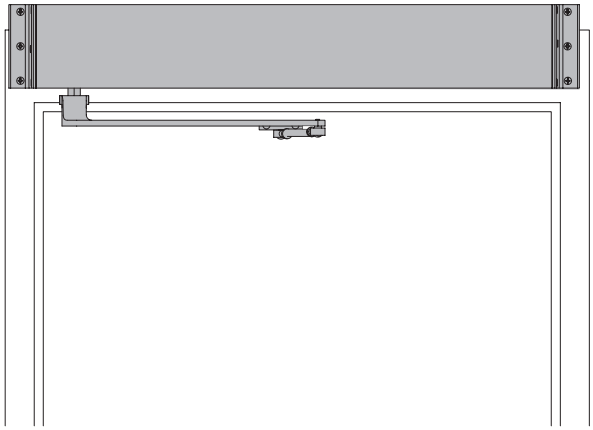
FEATURES

SINGLE DOOR, SURFACE MOUNT (PUSH) OFFSET PIVOT/BUTT HINGE

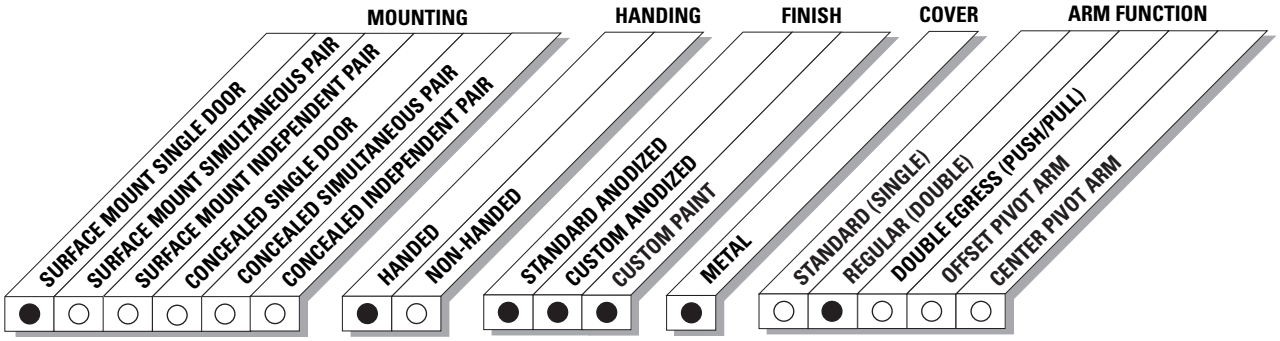


The 9540 SENIOR SWING® by LCN is an ADA door operator that is a two-in-one swing door operator. SENIOR SWING® operators when activated, opens doors automatically for wheelchair access, yet allows for manual operation for regular pedestrian traffic.

- **Push 'N Go permits non-switch activation**
- **Power Boost provides additional latching force**
- **Electromechanical unit with microprocessor control**
- **Fast and easy installation**
- **Tested internally to over ten million cycles**
- **Meets International Building Code requirements and ANSI A156.19**
- **UL approved for fire doors**

- 9540 series operator is shipped with motor gearbox, control box, regular arm, header, and mounting hardware.
- Single door, surface mounted.
- Meets ADA requirements (power mode only).
- Handed product.
- 36" header length is standard. Specify length 30" to 49" max.
- Double door header available up to 98", specify other length 49" to 98" max. Consult factory regarding this option.
- Adjustable hold-open period of 2 to 30 seconds in automatic or manual mode.

9540 Series is fully compliant with UL 325 and meets the provisions of ANSI A156.19. The 9540 Series is UL listed for fire-rated applications. The 9540 Series also meets the provisions of the Americans with Disabilities Act.



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P.O. BOX 100
PRINCETON, IL, USA 61356-0100

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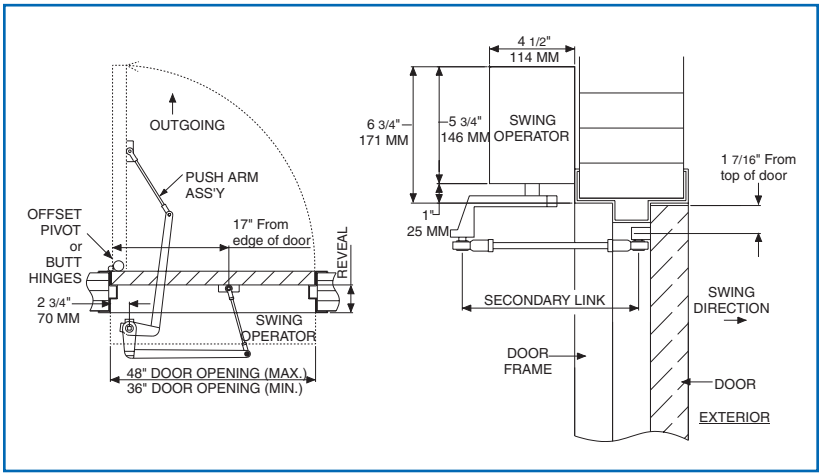
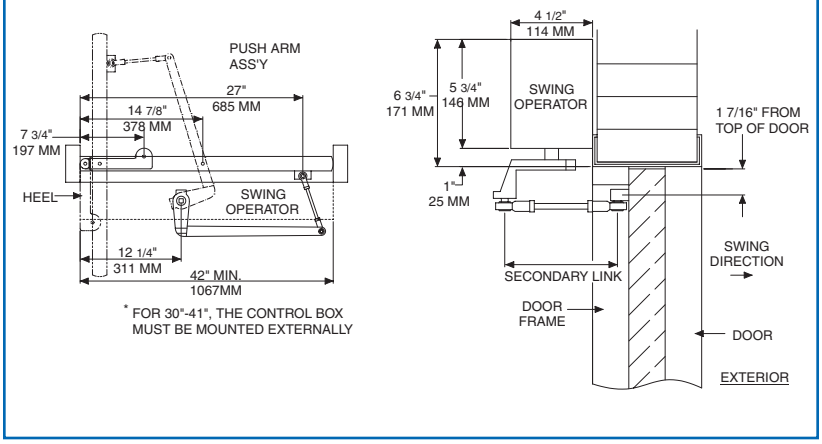
TOP JAMB SINGLE DOOR (OFFSET PIVOT/BUTT HINGE, PUSH) MOUNTING



TOP JAMB SINGLE DOOR (BALANCE DOOR, PUSH) MOUNTING

Consult factory for all balance door installations.



MAXIMUM OPENING

Template allows 90 degree power opening and 90 degree manual opening.

- **Butt Hinges** should not exceed 5" (127 mm) in width.
- **Reveal** for push installations should not exceed 10" (254 mm) for REGULAR ARM and 20" (508 mm) for LONG ARM.
- **Head Frame** minimum 1 3/4" (44 mm). Face frame 6 3/4" (171 mm) total operator clearance.
- **Top Rail** minimum 2 3/4" (70 mm).
- **Opening & Closing Time** are variable by adjustments to the electronic control box. Maximum hold-open time adjustable up to approximately 30 seconds.
- **System Diagram** see "POWER OPERATORS" section pages 26-27 for typical system wiring and page 30 for electrical data.
- Please consult your local SSC representative or LCN for assistance with specific installations and material requirements.

Special Templates
Customized installation templates or products may be available to solve unusual applications. Contact LCN for assistance.

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MOTOR GEARBOX

MOTOR GEARBOX (STANDARD FORCE) – SENIOR SWING, 9540-3454
Driving mechanism for operator. Provides 15lbs opening force. Handed.

MOTOR GEARBOX (REDUCED FORCE) – SENIOR SWING, 9540-3454RF
Driving mechanism for operator. Provides 11lbs opening force. Handed.

MOUNTING BRACKET

MOUNTING BRACKET – 2 3/4", 9540-275
Motor gearbox mounting bracket for 2 3/4" offset pivot or butt hinge installations. Front bracket.

REAR MOUNT BRACKET, 9540-3018
Motor gearbox mounting bracket. Rear bracket.

ANGLED BRACKET, 9540-334-1
Mounting bracket for surface applications.

CONTROL BOXES

CONTROL BOX – SENIOR SWING, 9540-3462
Electronic controlling device for Senior Swing.

HEADERS

Header, 9540-72HL
Standard, mounting header. Single door, single operator. Specify length 30"to 49" maximum.

Header, 9540-72DD
Standard, mounting header. Double door, single operator. Specify length 49"to 98" maximum.

END CAPS

HEADER END CAPS, 9540-334
End cap with openings for wiring.

END DRESS PLATE, 9540-334-2
Metal finish end cap.

ARMS

REGULAR ARM, 9540-3077
Handed arm.

LONG ARM, 9540-3077L
Handed long arm.

INDIVIDUAL ARMS COMPONENTS

MAIN ARM, 9540-77
Handed arm attaches to motor gearbox.

LINKAGE ASSEMBLY – 15", 9540-79
Threaded rod attaches to door. Extends from main arm.

LINKAGE ASSEMBLY – 32", 9540-79LR
Threaded long rod attaches to door. Extends from main arm.

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INSTALLATION ACCESSORIES

SPINDLE PLATE – 2 3/4", 9540-11A
Hides bottom of motor gearbox. Completes header box. Cutout allows for motor gearbox shaft. For 2 3/4" offset pivot or butt hinge installations.

FILLER PLATE BLANK, 9540-12
Completes length of header box.

MOUNTING PLATE, 9540-18
Optional mounting plate for standard hollow metal door frames. Specify length 30" to 98 maximum.

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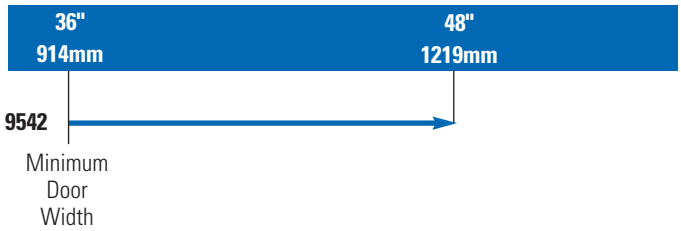
TABLE OF SIZES

→ Indicates recommended range of door width for operator.

Note: For all Senior Swing Series
Single Door - Width per leaf 36" minimum, 48" maximum

DOOR WIDTH



HOW-TO-ORDER 9540 SERIES OPERATORS

1. SPECIFY HAND

☐ RH

☐ LH

2. SPECIFY FINISH.

☐ Standard Anodized Finish _____
Aluminum or Dark Bronze

Operator will be shipped with:
-STANDARD MOTOR GEARBOX (SF)
-STANDARD CONTROL BOX (SC)
-36" HEADER (36HL)
-REGULAR ARM (3077)
-2 3/4" PIVOT POINT
-WOOD and MACHINE SCREW PACK
Unless options listed below are selected.

OPERATOR OPTIONS

MOTOR GEARBOX

☐ Reduced Force Motor Gearbox (RF)

HEADER

☐ Extra Length Header (HL __) (Specify length 36" to 49")

☐ Double Door Header (DD__) (Specify length 49" to 98")

MOUNTING PLATE

☐ Plate, ____ (Specify Length 30" to 98")

ARM

☐ Long Arm (3077L)

FINISH

☐ Custom Anodized Finish _____

☐ Custom Painted Finish _____

SPECIAL TEMPLATE

☐ ST-_____

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Notes

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