

9530 Series



The 9530 Senior Swing by LCN is an ADA door operator that is a two-in-one swing door operator. Senior swing operator when activated, opens doors automatically for wheelchair access, yet allows for manual operation for regular pedestrian traffic.

Features

Certifications	Grade 1 - ANSI A156.19, UL325/228, UL1998, ADA, 100 Hour Salt Spray, Meets BAA - Buy American Act
Fluid	All Weather Fluid
Handing	Handed
Door width	- Minimum 33" - 48" - Single door - width per leaf 33" minimum to 48" maximum
Warranty	2 years

Fasteners	Machine Screws (MS)
Mounting	Single door, surface mount, offset pivot, butt hinge, pull side
Arms	Standard arm (3077T)
Finishes/colors/ powder coat	628 Aluminum, Anodized 710 Dark Brown, Anodized

Special templates | Customized installation templates or products may be available to solve non-standard applications. Contact LCN Product Support for assistance.

Mounting	Handing	Finish	Cover	Arm function
Surface mount single door	Handed	Standard anodized	Standard (single lever)	Offset pivot arm
Surface mount simultaneous pair	Non-handed	Metal	Regular (double lever)	Center pivot arm
Surface mount independent pair			Double egress (push/pull)	
Concealed single door				
Concealed simultaneous pair				
Concealed independent pair				

Available

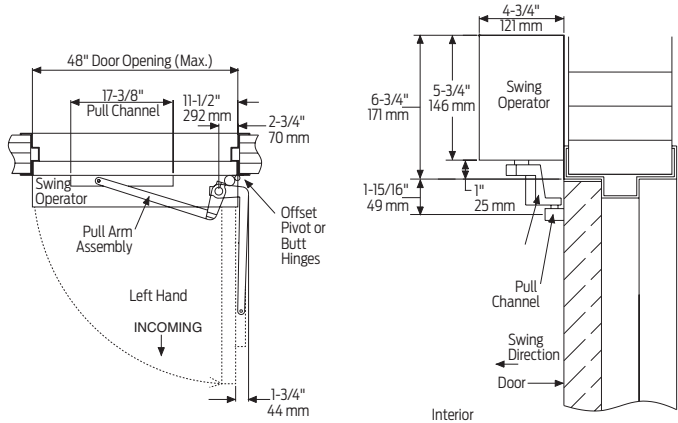
Not available

Mounting details

Top jamb single door mounting

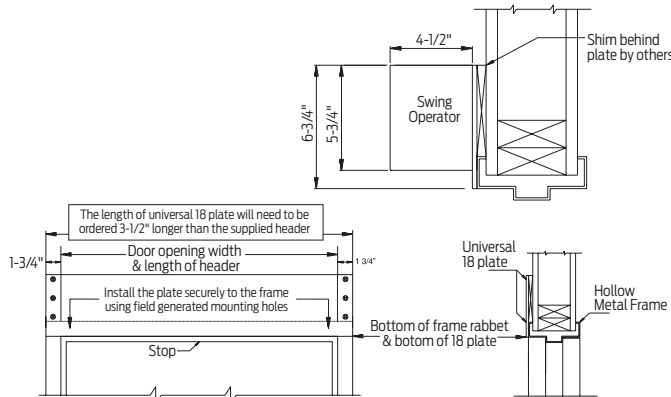
Offset pivot/butt hinge, center pivot, pull

Note: Cannot be used with swing clear hinges, pocket pivots or balanced doors.



Hollow metal frame

The 18 plate is 1/4" thick and will need to be ordered 3 1/2" longer than the header to allow for mounting the angle brackets to the vertical side jambs. See illustration below.



Note: Suggested installation.

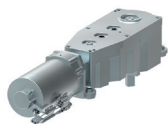
Butt hinges	Should not exceed 5" (127 mm) in width
Reveal	Should not exceed 4" (102 mm)
Top rail	Minimum 2 3/4" (70 mm)
Head frame	Minimum 1 3/4" (44 mm); face frame 6 3/4" (171 mm) total operator clearance
Opening and closing time	- Variable by adjustments to the electronic control box - Maximum hold open time adjustable up to approximately 32 seconds
System diagram	See pages 45 for typical system wiring and page 44 for electrical data
Maximum opening	Template allows 90 degree power opening and 90 degree manual opening

Notes:

- Push N' Go permits non-switch activation with a power boost providing additional latching force
- Electromechanical unit with microprocessor control
- Digital keypad for easy setup
- 36" header length is standard. Specify 33" - 48" max
- Double Door Header available up to 98", specify other length 49"- 98" max
- Consult factory regarding this option
- Adjustable hold open period of 2 - 32 seconds in automatic or manual mode
- Actuators available separately, see pages 100-117

Accessories

Motor gearbox

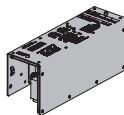


9530-3454

Standard Motor Gearbox (MGB)

- Senior Swing
- Handed
- Driving mechanism for operator
- Provides maximum 15 lbs opening force

Control box



9530-3462

Standard Controller (CTRL)

- Electronic controlling device for Senior Swing

Arm



9530-3077PLCM

Standard Arm Assembly with Track Roller (STDTRKARM2)

- Handed
- Track roller included (includes 3038, 3077T, 3034 and 73)



9530-3077T

Standard Arm (STDTRKARM)

- Handed
- Track roller not included

Track



9530-3038

Track

- Non-handed
- Includes 3034 and 73



9530-73

Track End Cap

- Black plastic end caps



9530-3034

Roller

- Quiet low friction roller assembly

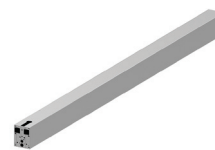
Header



9530-3572HL

Standard Mounting Header (HDR)

- Standard
- Single door, single operator
- Specify length 33" to 48" maximum



9530-3572DD

Double Door Header (HDR2)

- Standard
- Double door, single operator
- Specify length 49" to 48" maximum

Brackets



9530-275

Mounting Bracket

- Motor gearbox mounting bracket for 2 3/4" offset pivot or butt hinge installations
- Front bracket



9530-3018

Rear Mounting Bracket

- Motor gearbox mounting bracket
- Rear bracket



9530-334-1

Angle Brackets (HLB)

- Mounting bracket for surface applications (includes 2 mounting brackets)

End cap



9530-334

Header End Caps

- With openings for wiring



9530-334-2

Dress plates (HLD)

- Metal finish end cap

Installation accessories



9530-11A

Spindle Plate

- Hides bottom of motor gearbox
- Completes header box
- Cutout allows for motor gearbox shaft
- For 2 3/4" offset pivot or butt hinge installations



9530-12

Filler

- Plate blank
- Completes length of header box (specify length)



9530-18

Mounting Plate

- Optional mounting plate for standard hollow metal door frames
- Specify length 36 1/2" to 101 1/2" maximum, when angle brackets
- Specify length 33" to 98" maximum when using dress plates

NOTE: The length of a universal 18 plate will need to be ordered 3-1/2" longer than the supplied header when using angle brackets

Ordering information

How-to-order 9530 Series operators

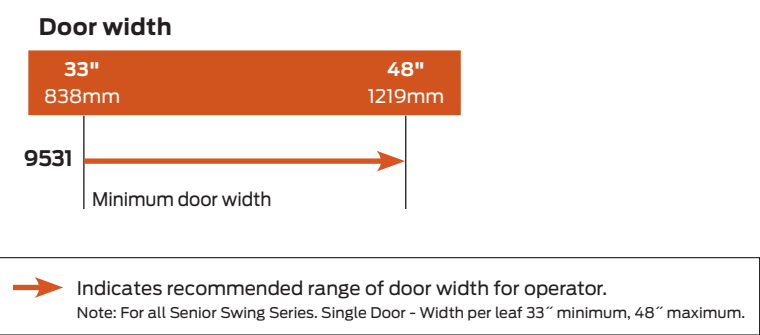
1. **Specify hand**
- ☐ Right hand (RH)
 - ☐ Left hand (LH)
2. **Specify header/length**
- ☐ Standard Mounting Header (HDR)
(Specify length 33" to 48")
 - ☐ Double Door Header (HDR2)
(Specify length 49" to 98")
3. **Select finish**
- ☐ Standard anodized finish _____
Aluminum, Clear Anodized (628) or
Dark Bronze, Anodized (710).

- Operator will be shipped with:**
- Standard motor gearbox (1 LH and 1 RH)
 - Standard control box (2 ea)
 - Header (at specified length, 36" standard)
 - Standard Arm (3077T)
 - Standard track with track roller
 - Machine screws
(unless options listed below are selected)

Operator options

- Mounting plate**
- ☐ Plate, ____ (Specify Length 33" to 101½")

Table of sizes



Introduction	
Product selection guide	
Pneumatic systems Auto equalizers 2610/4810/4820/4840/7900 Series	
Electrohydraulic systems Auto equalizers 6400/4630/4640 Series	
Electromechanical systems Benchmark 9130/9140/9150 Series	
Electromechanical systems Senior Swing 2810/2850/2860/9530/9540/9550/9560 Series	
Actuators and accessories	